



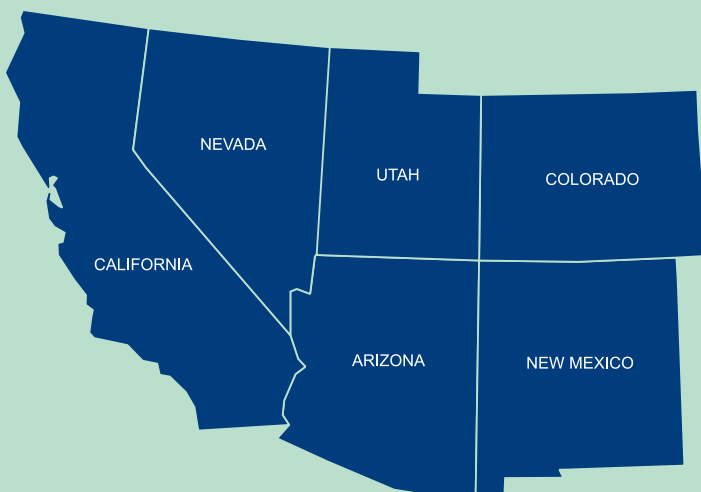
Federal Aviation
Administration

TM

UNITED STATES GOVERNMENT FLIGHT INFORMATION PUBLICATION

CHART SUPPLEMENT SOUTHWEST U.S.

Effective 0901Z **29 MAR 2018**
to 0901Z **24 MAY 2018**



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GENERAL INFORMATION

This Chart Supplement is a Civil Flight Information Publication updated every eight weeks by the U.S. Department of Transportation, Federal Aviation Administration, Aeronautical Information Services, <http://www.faa.gov/go/ais>. It is designed for use with Aeronautical Charts covering the conterminous United States, Puerto Rico and the Virgin Islands.

The Airport/Facility Directory section contains all public-use airports, seaplane bases and heliports, military facilities, and selected private use facilities specifically requested by the Department of Defense (DoD) for which a DoD Instrument Approach Procedure has been published in the U.S. Terminal Procedures Publication. Additionally, this publication contains communications data, navigational facilities and certain special notices and procedures.

Military data contained within this publication is provided by the National Geospatial-Intelligence Agency and is intended to provide reference data for military and/or joint use airports. Not all military data contained in this publication is applicable to civil users.

CORRECTIONS, COMMENTS, AND/OR PROCUREMENT

CRITICAL information such as equipment malfunction, abnormal field conditions, hazards to flight, etc., should be reported as soon as possible.

FOR CORRECTIONS TO AERONAUTICAL DATA: https://www.faa.gov/air_traffic/flight_info/aeronav/aero_data/

FAA, Aeronautical Information Services
National Flight Data Center (NFDC)
1305 East West Highway
SSMC-4 Suite 4400
Silver Spring, MD 20910-3281

NOTICE: Changes must be received by Aeronautical Information Services as soon as possible but not later than the "cut-off" dates listed below to assure publication on the desired effective date. Information cut-off dates that fall on a federal holiday must be received the previous work day.

| Effective Date | Airport Information | Airspace Information* |
|----------------|---------------------|-----------------------|
| | Cut-off date | Cut-off date |
| 29 Mar 18 | 14 Feb 18 | 30 Jan 18 |
| 24 May 18 | 11 Apr 18 | 27 Mar 18 |
| 19 Jul 18 | 6 Jun 18 | 22 May 18 |
| 13 Sep 18 | 1 Aug 18 | 17 Jul 18 |
| 8 Nov 18 | 26 Sep 18 | 11 Sep 18 |
| 3 Jan 19 | 21 Nov 18 | 6 Nov 18 |

*Airspace Information includes changes to preferred routes and graphic depictions on charts.

FOR CHARTING COMMENTS:

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Frequently asked questions (FAQs) are answered on our website at <http://www.faa.gov/go/ais/>
See the FAQs prior to contact via toll free number.

FOR PROCUREMENT:

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http://www.faa.gov/air_traffic/flight_info/aeronav/digital_products/

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THIS PUBLICATION COMPRISES PART OF THE FOLLOWING SECTIONS OF THE UNITED STATES AERONAUTICAL INFORMATION PUBLICATION (AIP): GEN, ENR AND AD.

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CITY/MILITARY AIRPORT CROSS REFERENCE

Military airports are listed alphabetically by state and official airport name. The following city/military airport cross-reference listing provides alphabetical listing by state and city name for all military airports published in this directory.

| STATE | CITY NAME | AIRPORT NAME |
|-------|---------------------------------|---|
| AZ | FORT HUACHUCA SIERRA VISTA..... | SIERRA VISTA MUNI-LIBBY AAF |
| AZ | GLENDALE | LUKE AFB |
| AZ | TUCSON | DAVIS MONTHAN AFB |
| AZ | YUMA | LAGUNA AAF (YUMA PROVING GROUND) |
| AZ | YUMA | YUMA MCAS/YUMA INTL |
| CA | CHINA LAKE | CHINA LAKE NAWA (ARMITAGE FLD) |
| CA | EDWARDS | EDWARDS AF AUX NORTH BASE |
| CA | EDWARDS | EDWARDS AFB |
| CA | EL CENTRO | EL CENTRO NAF |
| CA | FAIRFIELD | TRAVIS AFB |
| CA | HERLONG | AMEDEE AAF |
| CA | HUNTER LIGGETT | TUSI AHP (HUNTER LIGGETT) |
| CA | LEMOORE | LEMOORE NAS (REEVES FLD) |
| CA | LOMPOC..... | VANDENBERG AFB |
| CA | LOS ALAMITOS | LOS ALAMITOS AAF |
| CA | MARYSVILLE..... | BEALE AFB |
| CA | MOUNTAIN VIEW | MOFFETT FEDERAL AFLD |
| CA | OCEANSIDE | CAMP PENDELTON MCAS (MUNN FLD) |
| CA | PALMDALE | PALMDALE USAF PLANT 42 |
| CA | POINT MUGU | POINT MUGU NAS (NAVAL BASE VENTURA CO) |
| CA | RIVERSIDE | MARCH ARB |
| CA | SAN CLEMENTE ISLAND..... | SAN CLEMENTE ISLAND NALF (FREDRICK SHERMAN FLD) |
| CA | SAN DIEGO | IMPERIAL BEACH NOLF (REAM FLD) |
| CA | SAN DIEGO..... | MIRAMAR MCAS (JOE FOSS FLD) |
| CA | SAN DIEGO..... | NORTH ISLAND NAS (HALSEY FLD) |
| CA | SAN NICOLAS ISLAND | SAN NICOLAS ISLAND NOLF |
| CA | TWENTYNINE PALMS | TWENTYNINE PALMS SELF |
| CO | AURORA..... | BUCKLEY AFB |
| CO | FORT CARSON..... | BUTTS AAF |
| NM | ALAMOGORDO..... | HOLLOMAN AFB |
| NM | CLOVIS..... | CANNON AFB |
| NV | FALLON | FALLON NAS (VAN VOORHIS FLD) |
| NV | LAS VEGAS | NELLIS AFB |
| NV | TONOPAH..... | TONOPAH TEST RANGE |
| UT | OGDEN | HILL AFB |
| UT | DUGWAY PROVING GROUND..... | MICHAEL AAF (DUGWAY PROVING GROUND) |

SEAPLANE LANDING AREAS

The following locations have Seaplane Landing Areas (Waterways). See alphabetical listing for complete data on these facilities.d

| STATE | CITY NAME | FACILITY NAME |
|--------------|------------------|----------------------------|
| CA | HOLLISTER..... | FRAZIER LAKE AIRPARK |
| CA | OROVILLE..... | LAKE OROVILLE LANDING AREA |
| CA | STOCKTON..... | LOST ISLE |
| CO | ORDWAY..... | LAKE MEREDITH |
| NM | CONCHAS DAM..... | CONCHAS LAKE |

GENERAL INFORMATION

ABBREVIATIONS

The following abbreviations/acronyms are those commonly used within this Directory. Other abbreviations/acronyms may be found in the Legend and are not duplicated below. The abbreviations presented are intended to represent grammatical variations of the basic form. (Example—"req" may mean "request", "requesting", "requested", or "requests").

| Abbreviation | Description | Abbreviation | Description |
|---------------------------|---|---------------------------|---|
| AG | air/ground | AM | Amplitude Modulation, midnight til noon |
| AAF | Army Air Field | AMC | Air Mobility Command |
| AAS | Airport Advisory Service | amdt..... | amendment |
| AB | Airbase | AMSL | Above Mean Sea Level |
| abm | abeam | ANGS | Air National Guard Station |
| ABn | Aerodrome Beacon | ant | antenna |
| abv | above | AOE..... | Airport/Aerodrome of Entry |
| ACC | Air Combat Command Area Control Center | AP | Area Planning |
| acft..... | aircraft | APAPI | Abbreviated Precision Approach Path Indicator |
| ACLS..... | Automatic Carrier Landing System | apch..... | approach |
| act | activity | apn..... | apron |
| ACWS | Aircraft Control and Warning Squadron | APP | Approach Control |
| ADA | Advisory Area | Apr | April |
| ADCC..... | Air Defense Control Center | aprx..... | approximate |
| ADCUS..... | Advise Customs | APU | Auxiliary Power Unit |
| addn | addition | apv, apvl | approve, approval |
| ADF | Automatic Direction Finder | ARB..... | Air Reserve Base |
| adj | adjacent | ARCAL (CANADA) | Aircraft Radio Control of Aerodrome Lighting |
| admin | administration | ARFF | Aircraft Rescue and Fire Fighting |
| ADR | Advisory Route | ARINC | Aeronautical Radio Inc |
| advs..... | advise | arrng..... | arrange |
| advsy | advisory | arpt | airport |
| AEIS..... | Aeronautical Enroute Information Service | arr | arrive |
| AER | approach end rwy | ARS | Air Reserve Station |
| AFA | Army Flight Activity | ARSA..... | Airport Radar Service Area |
| AFB | Air Force Base | ARSR..... | Air Route Surveillance Radar |
| afct..... | affect | ARTCC..... | Air Route Traffic Control Center |
| AFF | Aqueous Film Forming Foam | AS..... | Air Station |
| AFHP | Air Force Heliport | ASAP | as soon as possible |
| AFIS..... | Aerodrome Flight Information Service | ASDA..... | Accelerate-Stop Distance Available |
| afld | airfield | ASDE | Airport Surface Detection |
| AFOD | Army Flight Operations Detachment | ASDE-X | Airport Surface Detection Equipment-Model X |
| AFR | Air Force Regulation | asgn | assign |
| AFRC | Armed Forces Reserve Center/Air Force Reserve Command | ASL | Above Sea Level |
| AFRS | American Forces Radio Stations | ASOS..... | Automated Surface Observing System |
| AFS | Air Force Station | ASR..... | Airport Surveillance Radar |
| AFSS..... | Automated Flight Service Station | ASSC..... | Airport Surface Surveillance Capability |
| AFTN | Aeronautical Fixed Telecommunication Network | ASU | Aircraft Starting Unit |
| AG | Agriculture | ATA | Actual Time of Arrival |
| A-G, A-GEAR | Arresting Gear | ATC | Air Traffic Control |
| agcy | Agency | ATCC | Air Traffic Control Center |
| AGL | above ground level | ATCT | Airport Traffic Control Tower |
| AHP | Army heliport | ATD | Actual Time of Departure Along Track Distance |
| AID | Airport Information Desk | ATIS | Automatic Terminal Information Service |
| AIS | Aeronautical Information Services | ATS | Air Traffic Service |
| AL | Approach and Landing Chart | attn | attention |
| ALF | Auxiliary Landing Field | Aug | August |
| ALS..... | Approach Light System | auth..... | authority |
| ALSF-1 | High Intensity ALS Category I configuration with sequenced Flashers (code) | auto..... | automatic |
| ALSF-2 | High Intensity ALS Category II configuration with sequenced Flashers (code) | AUW | All Up Weight (gross weight) |
| alt..... | altitude | aux | auxiliary |
| altn | alternate | AVASI | abbreviated VASI |
| | | avbl | available |
| | | AvGas | Aviation gasoline |
| | | avn | aviation |
| | | AvOil..... | aviation oil |

| Abbreviation..... | Description |
|----------------------|--|
| AWOS..... | Automatic Weather Observing System |
| AWSS..... | Automated Weather Sensor System |
| awt..... | await |
| awy..... | airway |
| az..... | azimuth |
| BA..... | braking action |
| BASH..... | Bird Aircraft Strike Hazard |
| BC..... | back course |
| bcn..... | beacon |
| bcst..... | broadcast |
| bdry..... | boundary |
| bldg..... | building |
| blkd..... | blocked |
| blo, blw..... | below |
| BOQ..... | Bachelor Officers Quarters |
| brg..... | bearing |
| btn..... | between |
| bus..... | business |
| byd..... | beyond |
| C..... | Commercial Circuit (Telephone) |
| CAC..... | Centralized Approach Control |
| cap..... | capacity |
| cat..... | category |
| CAT..... | Clear Air Turbulence |
| CCW or cntclkws..... | counterclockwise |
| ceil..... | ceiling |
| CERAP..... | Center Radar Approach Control |
| CG..... | Coast Guard |
| CGAF..... | Coast Guard Air Facility |
| CGAS..... | Coast Guard Air Station |
| CH, chan..... | channel |
| CHAPI..... | Chase Helicopter Approach Path Indicator |
| chg..... | change |
| cht..... | chart |
| cir..... | circle, circling |
| CIV, civ..... | Civil, civil, civilian |
| ck..... | check |
| CL..... | Centerline Lighting System |
| cl..... | class |
| clnc..... | clearance |
| clsd..... | closed |
| CNATRA..... | Chief of Naval Air Training |
| cnl..... | cancel |
| cntr..... | center |
| cntrl..... | centerline |
| Co..... | Company, County |
| CO..... | Commanding Officer |
| com..... | communication |
| cmd..... | command |
| Comdr..... | Commander |
| coml..... | commercial |
| compul..... | compulsory |
| comsn..... | commission |
| conc..... | concrete |
| cond..... | condition |
| const..... | construction |
| cont..... | continue |
| CONUS..... | Continental United States |
| convl..... | conventional |
| coord..... | coordinate |
| copter..... | helicopter |
| corr..... | correct |
| CPDLC..... | Controller Pilot Data Link Communication |

| Abbreviation..... | Description |
|-------------------|---|
| crdr..... | corridor |
| cross..... | cross |
| CRP..... | Compulsory Reporting Point |
| crs..... | course |
| CS..... | call sign |
| CSTMS..... | Customs |
| CTA..... | Control Area |
| CTAF..... | Common Traffic Advisory Frequency |
| ctc..... | contact |
| ctl..... | control |
| CTLZ..... | Control Zone |
| CVFR..... | Controlled Visual Flight Rules Areas |
| CW..... | Clockwise, Continuous Wave, Carrier Wave |
| dalgt..... | daylight |
| D-ATIS..... | Digital Automatic Terminal Information Service |
| daylt..... | daylight |
| db..... | decibel |
| DCL..... | Departure Clearance |
| Dec..... | December |
| decom..... | decommission |
| deg..... | degree |
| del..... | delivery |
| dep..... | depart |
| DEP..... | Departure Control |
| destn..... | destination |
| det..... | detachment |
| DF..... | Direction Finder |
| DH..... | Decision Height |
| DIAP..... | DoD Instrument Approach Procedure |
| direc..... | directional |
| disem..... | disseminate |
| displ..... | displace |
| dist..... | district, distance |
| div..... | division |
| DL..... | Direct Line to FSS |
| dtl..... | delete |
| dly..... | daily |
| DME..... | Distance Measuring Equipment (UHF standard, TACAN compatible) |
| DNVT..... | Digital Non-Secure Voice Telephone |
| DoD..... | Department of Defense |
| drct..... | direct |
| DSN..... | Defense Switching Network (Telephone) |
| DSN..... | Defense Switching Network |
| dsplcd..... | displaced |
| DT..... | Daylight Savings Time |
| dur..... | during |
| durn..... | duration |
| DV..... | Distinguished Visitor |
| E..... | East |
| ea..... | each |
| EAT..... | Expected Approach Time |
| ECN..... | Enroute Change Notice |
| EFAS..... | Enroute Flight Advisory Service |
| eff..... | effective, effect |
| E-HA..... | Enroute High Altitude |
| E-LA..... | Enroute Low Altitude |
| elev..... | elevation |
| ELT..... | Emergency Locator Transmitter |
| EMAS..... | Engineered Material Arresting System |
| emerg..... | emergency |
| eng..... | engine |

| Abbreviation | Description | Abbreviation | Description |
|---------------------------|--|---------------------------|--|
| EOR | End of Runway | govt | government |
| eqpt | equipment | GP | Glide Path |
| ERDA | Energy Research and Development Administration | Gp | Group |
| E-S | Enroute Supplement | GPI | Ground Point of Intercept |
| est | estimate | grad | gradient |
| estab | establish | grd | guard |
| ETA | Estimated Time of Arrival | GS | glide slope |
| ETD | Estimated Time of Departure | GWT | gross weight |
| ETE | Estimated Time Enroute | H | Enroute High Altitude Chart (followed by identification) |
| ETS | European Telephone System | H+ | Hours or hours plus...minutes past the hour |
| EUR | European (ICAO Region) | H24 | continuous operation |
| ev | every | HAA | Height Above Airport/Aerodrome |
| evac | evacuate | HAL | Height Above Landing Area |
| exc | except | HAR | Height Above Runway |
| excl | exclude | HAT | Height Above Touchdown |
| exer | exercise | haz | hazard |
| exm | exempt | hdg | heading |
| exp | expect | HDTA | High Density Traffic Airport/Aerodrome |
| extd | extend | HF | High Frequency (3000 to 30,000 KHz) |
| extn | extension | hgr | hangar |
| extv | extensive | hgt | height |
| F/W | Fixed Wing | hi | high |
| FAA | Federal Aviation Administration | HIRL | High Intensity Runway Lights |
| fac | facility | HIWAS | Hazardous Inflight Weather Advisory Service |
| FAWS | Flight Advisory Weather Service | HO | Service available to meet operational requirements |
| fax | facsimile | hol | holiday |
| FBO | Fixed Base Operator | HOLF | Helicopter Outlying Field |
| FCC | Flight Control Center | hosp | hospital |
| FCG | Foreign Clearance Guide | HQ | Headquarters |
| FCLP | field carrier landing practice | hr | hour |
| fcst | forecast | HS | Service available during hours of scheduled operations |
| Feb | February | hsg | housing |
| FIC | Flight Information Center | hvy | heavy |
| FIH | Flight Information Handbook | HW | Heavy Weight |
| FIR | Flight Information Region | hwy | highway |
| FIS | Flight Information Service | HX | station having no specific working hours |
| FL | flight level | Hz | Hertz (cycles per second) |
| fld | field | I | Island |
| fig | flashing | IAP | Instrument Approach Procedure |
| FLIP | Flight Information Publication | IAS | Indicated Air Speed |
| flt | flight | IAW | in accordance with |
| flw | follow | ICAO | International Civil Aviation Organization |
| FM | Fan Marker, Frequency Modulation | ident | identification |
| FOC | Flight Operations Center | IFF | Identification, Friend or Foe |
| FOD | Foreign Object Damage | IFR | Instrument Flight Rules |
| fone | telephone | IFR-S | FLIP IFR Supplement |
| FPL | Flight Plan | IFSS | International Flight Service Station |
| fpm | feet per minute | ILS | Instrument Landing System |
| fr | from | IM | Inner Marker |
| freq | frequency, frequent | IMC | Instrument Meteorological Conditions |
| Fri | Friday | IMG | Immigration |
| frng | firing | immed | immediate |
| FSC | Flight Service Center | inbd | inbound |
| FSS | Flight Service Station | Inc | Incorporated |
| ft | foot | incl | include |
| ft | fighter | incr | increase |
| GA | Glide Angle | indef | indefinite |
| gal | gallon | info | information |
| GAT | General Air Traffic (Europe-Asia) | inop | inoperative |
| GCA | Ground Control Approach | inst | instrument |
| GCO | Ground Communication Outlet | | |
| gldr | glider | | |
| GND | Ground Control | | |
| gnd | ground | | |

| Abbreviation..... | Description |
|----------------------|--|
| instl..... | install |
| instr..... | instruction |
| int..... | intersection |
| intcntl..... | intercontinental |
| intcp..... | intercept |
| intl..... | international |
| intmt..... | intermittent |
| ints..... | intense, intensity |
| invo..... | in the vicinity of |
| irreg..... | Irregularly |
| Jan..... | January |
| JASU..... | Jet Aircraft Starting Unit |
| JATO..... | Jet Assisted Take-Off |
| JOAP..... | Joint Oil Analysis Program |
| JOSAC..... | Joint Operational Support Airlift Center |
| JRB..... | Joint Reserve Base |
| Jul..... | July |
| Jun..... | June |
| K or Kt..... | Knots |
| kHz..... | kilohertz |
| KIAS..... | Knots Indicated Airspeed |
| KLIZ..... | Korea Limited Identification Zone |
| km..... | Kilometer |
| kw..... | kilowatt |
| L..... | Compass locator (Component of ILS system) under 25 Watts, 15 NM, Enroute Low Altitude Chart (followed by identification) |
| L..... | Local Time |
| LAA..... | Local Airport Advisory |
| LAHSO..... | Land and Hold-Short Operations |
| L-AOE..... | Limited Airport of Entry |
| LAWRS..... | Limited Aviation Weather Reporting Station |
| lb, lbs..... | pound (weight) |
| LC..... | local call |
| lcl..... | local |
| LCP..... | French Peripheral Classification Line |
| lctd..... | located |
| lctn..... | location |
| lctr..... | locator |
| LCVASI..... | Low Cost Visual Approach Slope Indicator |
| lczr..... | localizer |
| LD..... | long distance |
| LDA..... | Landing Distance Available |
| ldg..... | landing |
| LDIN..... | Lead-in Lights |
| LDOCF..... | Long Distance Operations Control Facility |
| len..... | length |
| lgt, lgtd, lgts..... | light, lighted, lights |
| LIRL..... | Low Intensity Runway Lights |
| LLWAS..... | Low-Level Wind Shear Alert System |
| LLZ..... | Localizer (Instrument Approach Procedures Identification only) |
| LMM..... | Compass locator at Middle Marker ILS |
| lo..... | low |
| LoALT or LA..... | Low Altitude |
| LOC..... | Localizer |
| LOM..... | Compass locator at Outer Marker ILS |
| LR..... | Long Range, Lead Radial |
| LRA..... | Landing Rights Airport |
| LRRS..... | Long Range RADAR Station |

| Abbreviation..... | Description |
|-------------------|--|
| LSB..... | lower side band |
| ltd..... | limited |
| M..... | meters, magnetic (after a bearing), Military Circuit (Telephone) |
| MACC..... | Military Area Control Center |
| mag..... | magnetic |
| maint..... | maintain, maintenance |
| maj..... | major |
| MALS..... | Medium Intensity Approach Lighting System |
| MALSF..... | MALS with Sequenced Flashers |
| MALSR..... | MALS with Runway Alignment Indicator Lights |
| Mar..... | March |
| MARA..... | Military Activity Restricted Area |
| MATO..... | Military Air Traffic Operations |
| MATZ..... | Military Aerodrome Traffic Zone |
| max..... | maximum |
| mb..... | millibars |
| MCAC..... | Military Common Area Control |
| MCAF..... | Marine Corps Air Facility |
| MCALF..... | Marine Corps Auxiliary Landing Field |
| MCAS..... | Marine Corps Air Station |
| MCB..... | Marine Corps Base |
| MCC..... | Military Climb Corridor |
| MCOLF..... | Marine Corps Outlying Field |
| MDA..... | Minimum Descent Altitude |
| MEA..... | Minimum Enroute Altitude |
| med..... | medium |
| MEHT..... | Minimum Eye Height over Threshold |
| mem..... | memorial |
| MET..... | Meteorological, Meteorology |
| METAR..... | Aviation Routine Weather Report (in international MET figure code) |
| METRO..... | Pilot-to-Metro voice cell |
| MF..... | Medium Frequency (300 to 3000 KHz), Mandatory Frequency (Canada) |
| MFA..... | Minimum Flight Altitude |
| mgmt..... | Management |
| mgr..... | manager |
| MHz..... | Megahertz |
| mi..... | mile |
| MID/ASIA..... | Middle East/Asia (ICAO Region) |
| MJI..... | Meaconing, Intrusion, Jamming, and Interference |
| Mil, mil..... | military |
| min..... | minimum, minute |
| MIRL..... | Medium Intensity Runway Lights |
| misl..... | missile |
| mkr..... | marker (beacon) |
| MM..... | Middle Marker of ILS |
| mnt..... | monitor |
| MOA..... | Military Operations Area |
| MOCA..... | Minimum Obstruction Clearance Altitude |
| mod..... | modify |
| MOG..... | Maximum (aircraft) on the Ground |
| Mon..... | Monday |
| MP..... | Maintenance Period |
| MR..... | Medium Range |
| MRA..... | Minimum Reception Altitude |
| mrk..... | mark, marker |
| MSAW..... | minimum safe altitude warning |
| msg..... | message |
| MSL..... | Mean Sea Level |
| msn..... | Mission |

| Abbreviation | Description | Abbreviation | Description |
|---------------------------|---|---------------------------|--|
| mt | mount, mountain | ODALS | Omnidirectional Approach Lighting System |
| MTAF | Mandatory Traffic Advisory Frequency | ODO | Operations Duty Officer |
| MTCA | Military Terminal Control Area | offl | official |
| mtlly | monthly | OIC | Officer In Charge |
| MUAC | Military Upper Area Control | OLF | Outlying Field |
| munl | municipal | OLS | Optical Landing System |
| MWARA | Major World Air Route Area | OM | Outer Marker, ILS |
| N | North | opr | operate, operator, operational |
| N/A | not applicable | OPS, ops | operations |
| NA | not authorized (For Instrument Approach Procedure take-off and alternate MINIMA only) | orig | original |
| NAAS | Naval Auxiliary Air Station | OROCA | Off Route Obstruction Clearance Altitude |
| NADC | Naval Air Development Center | ORTCA | Off Route Terrain Clearance Altitude |
| NADEP | Naval Air Depot | OT | other times |
| NAEC | Naval Air Engineering Center | OTS | out of service |
| NAES | Naval Air Engineering Station | outbd | outbound |
| NAF | Naval Air Facility | ovft | overflight |
| NALCO | Naval Air Logistics Control Office | ovrn | overnun |
| NALF | Naval Auxiliary Landing Field | OX | oxygen |
| NALO | Navy Air Logistics Office | P/L | plain language |
| NAS | Naval Air Station | PAC | Pacific (ICAO Region) |
| NAT | North Atlantic (ICAO Region) | PAEW | personnel and equipment working |
| natl | national | PALS | Precision Approach and Landing System (NAVY) |
| nav | navigation | PAPI | Precision Approach Path Indicator |
| navaid | navigation aid | PAR | Precision Approach Radar |
| NAVMTO | Navy Material Transportation Office | para | paragraph |
| NAWC | Naval Air Warfare Center | parl | parallel |
| NAWS | Naval Air Weapons Station | pat | pattern |
| NCRP | Non-Compulsory Reporting Point | PAX | Passenger |
| NDB | Non-Directional Radio Beacon | PCL | pilot controlled lighting |
| NE | Northeast | pent | penetrate |
| nec | necessary | perm | permanent |
| NEW | Net Explosives Weight | perms | permission |
| ngt | night | pers | personnel |
| NM | nautical miles | PFC | Porous Friction Courses |
| nml | normal | PJE | Parachuting Activities/Exercises |
| NMR | nautical mile radius | p-line | power line |
| No or Nr | number | PM | Post meridian, noon til midnight |
| NOLF | Naval Outlying Field | PMRF | Pacific Missile Range Facility |
| NORDO | Lost communications or no radio installed/available in aircraft | PMSV | Pilot-to-Metro Service |
| NOTAM | Notice to Airmen | PN | prior notice |
| Nov | November | POB | persons on board |
| npi | non precision instrument | POL | Petrol, Oils and Lubricants |
| Nr or No | number | posn | position |
| NS | Naval Station | PPR | prior permission required |
| NS ABTMT | Noise Abatement | prcht | parachute |
| NSA | Naval Support Activity | pref | prefer |
| NSF | Naval Support Facility | prev | previous |
| NSTD, nstd | nonstandard | prim | primary |
| ntc | notice | prk | park |
| NVD | Night Vision Devices | PRM | Precision Runway Monitor |
| NVG | Night Vision Goggles | pro | procedure |
| NW | Northwest | proh | prohibited |
| NWC | Naval Weapons Center | pt | point |
| O/A | On or about | PTD | Pilot to Dispatcher |
| O/S | out of service | pub | publication |
| O/R | On Request | publ | publish |
| OAT | Operational Air Traffic | PVASI | Pulsating Visual Approach Slope Indicator |
| obsn | observation | pvt | private |
| obst | obstruction | pwr | power |
| OCA | Oceanic Control Area | QFE | Altimeter Setting above station |
| ocnl | occasional | | |
| Oct | October | | |

| Abbreviation | Description | Abbreviation | Description |
|---------------------------|--|---------------------------|--|
| QNE | Altimeter Setting of 29.92 inches which provides height above standard datum plane | SAR | Search and Rescue |
| QNH..... | Altimeter Setting which provides height above mean sea level | Sat..... | Saturday |
| qtrs | quarters | SAVASI..... | Simplified Abbreviated Visual Approach Slope Indicator |
| quad..... | quadrant | SAWRS | Supplement Aviation Weather Reporting Station |
| R/T..... | Radiotelephony | sby | standby |
| R/W | Rotary/Wing | Sched..... | scheduled services |
| RACON | Radar Beacon | sctr | sector |
| rad | radius, radial | SDF | Simplified Directional Facility |
| RAIL..... | Runway Alignment Indicator Lights | SE | Southeast |
| RAMCC..... | Regional Air Movement Control Center | sec..... | second, section |
| R-AOE..... | Regular Airport of Entry | secd..... | secondary |
| RAPCON..... | Radar Approach Control (USAF) | SELCAL | Selective Calling System |
| RATCF | Radar Air Traffic Control Facility (Navy) | SELF..... | Strategic Expeditionary Landing Field |
| RCAG | Remote Center Air to Ground Facility | SEng..... | Single Engine |
| RCAGL | Remote Center Air to Ground Facility Long Range | Sep..... | September |
| RCL..... | runway centerline | SFA..... | Single Frequency Approach |
| RCLS..... | Runway Centerline Light System | sfc..... | surface |
| RCO | Remote Communications Outlet | SFL..... | Sequence Flashing Lights |
| rcpt | reception | SFRA..... | Special Flight Rules Area |
| RCR | Runway Condition Reading | SID | Standard Instrument Departure |
| rcv | receive | SIDA | Secure Identification Display Area |
| rcvr | receiver | SIF..... | Selective Identification Feature |
| rdo | radio | sked..... | schedule |
| reconst | reconstruct | SM..... | statute miles |
| reful | refueling | SOAP..... | Spectrometric Oil Analysis Program |
| reg | regulation, regular | SOF | Supervisor of Flying |
| REIL..... | Runway End Identifier Lights | SPB | Seaplane Base |
| rel | reliable | SR | sunrise |
| relctd | relocated | SRE | Surveillance Radar Element of GCA (Instrument Approach Procedures Identification only) |
| REP | Reporting Point | SS | sunset |
| req | request | SSALS/R..... | Simplified Short Approach Lighting System/with RAIL |
| RETIL..... | Rapid Exit Taxiway Indicator Light | SSB | Single Sideband |
| Rgn | Region | SSR | Secondary Surveillance Radar |
| Rgnl..... | Regional | STA..... | Straight-in Approach |
| rgt..... | right | std..... | standard |
| rgt tfc | right traffic | stn | station |
| rigd | realigned | stor | storage |
| RLLS | Runway Lead-in Light System | str-in | Straight-in |
| rmk | remark | stu | student |
| rng..... | range, radio range | subj | subject |
| RNP | Required Navigation Performance | sum | summer |
| RON | Remain Overnight | Sun..... | Sunday |
| Rot Lt or Bcn..... | Rotating Light or Beacon | sur..... | surround |
| RPI | Runway Point of Intercept | survl | survival, surveillance |
| rpt..... | report | suspd | suspended |
| rqr..... | require | svc..... | service |
| RR | Railroad | svcg | servicing |
| RRP | Runway Reference Point | SW | Southwest |
| RSC..... | Runway Surface Condition | sys..... | system |
| RSDU..... | Radar Storm Detection Unit | TA..... | Transition Altitude |
| RSE..... | Runway Starter Extension/Starter Strip | TAC..... | Tactical Air Command |
| RSRS | Reduced Same Runway Separation | TAF..... | Aerodrome (terminal or alternate) forecast in abbreviated form |
| rstd | restricted | TALCE..... | Tanker Aircraft Control Element |
| rte..... | route | TCA | Terminal Control Area |
| ruf..... | rough | TCH | Threshold Crossing Height |
| RVR | Runway Visual Range | TCTA..... | Transcontinental Control Area |
| RVSM | Reduced Vertical Separation Minima | TD | Touchdown |
| rwy | runway | TDWR | Terminal Doppler Weather Radar |
| S..... | South | TDZ | Touchdown Zone |
| S/D..... | Seadrome | TDZL..... | Touchdown Zone Lights |
| SALS | Short Approach Lighting System | | |

| Abbreviation | Description | Abbreviation | Description |
|---------------------------|---|---------------------------|---|
| tfc..... | traffic | vcnty..... | vicinity |
| thld..... | threshold | VDF..... | Very High Frequency Direction Finder |
| thou..... | thousand | veh..... | vehicle |
| thru..... | through | vert..... | vertical |
| Thu..... | Thursday | VFR..... | Visual Flight Rules |
| til..... | until | VFR-S..... | FLIP VFR Supplement |
| tkf, tkof..... | take-off | VHF..... | Very High Frequency (30 to 300 MHz) |
| TLV..... | Transition Level | VIP..... | Very Important Person |
| tmpry..... | temporary | vis..... | visibility |
| TODA..... | Take-Off Distance Available | VMC..... | Visual Meteorological Conditions |
| TORA..... | Take-Off Run Available | VOIP..... | Voice Over Internet Protocol |
| TP..... | Tire Pressure | VOLMET..... | Meteorological Information for Aircraft in Flight |
| TPA..... | Traffic Pattern Altitude | VOT..... | VOR Receiver Testing Facility |
| TRACON..... | Terminal Radar Approach Control (FAA) | W..... | Warning Area (followed by identification), Watts, West, White |
| tran..... | transient | WCH..... | Wheel Crossing Height |
| trans..... | transmit | Wed..... | Wednesday |
| trml..... | terminal | Wg..... | Wing |
| trng..... | training | WIE..... | with immediate effect |
| trns..... | transition | win..... | winter |
| TRSA..... | Terminal Radar Service Area | WIP..... | work in progress |
| Tue..... | Tuesday | WSO..... | Weather Service Office |
| TV..... | Television | WSFO..... | Weather Service Forecast Office |
| TWEB..... | Transcribed Weather Broadcast | wk..... | week |
| twr..... | tower | wkd..... | weekday |
| twy..... | taxiway | wkly..... | weekly |
| UACC..... | Upper Area Control Center (used outside US) | wng..... | warning |
| UAS..... | Unmanned Aerial Systems | wo..... | without |
| UC..... | Under Construction | WSP..... | Weather System Processor |
| UCN..... | Urgent Change Notice | wt..... | weight |
| UDA..... | Upper Advisory Area | wx..... | weather |
| UDF..... | Ultra High Frequency Direction Finder | yd..... | yard |
| UFN..... | until further notice | yr..... | year |
| UHF..... | Ultra High Frequency (300 to 3000 MHz) | Z..... | Greenwich Mean Time (time groups only) |
| UIR..... | Upper Flight Information Region | | |
| unauthd..... | unauthorized | | |
| unavbl..... | unavailable | | |
| unctl..... | uncontrolled | | |
| unk..... | unknown | | |
| unlgt..... | unlighted | | |
| unltd..... | unlimited | | |
| unmrk..... | unmarked | | |
| unmto..... | unmonitored | | |
| unrel..... | unreliable | | |
| unrstd..... | unrestricted | | |
| unsatfy..... | unsatisfactory | | |
| unsked..... | unscheduled | | |
| unsvc..... | unserviceable | | |
| unuse, unusbl..... | unusable | | |
| USA..... | United States Army | | |
| USAF..... | United States Air Force | | |
| USB..... | Upper Side Band | | |
| USCG..... | United States Coast Guard | | |
| USMC..... | United States Marine Corps | | |
| USN..... | United States Navy | | |
| UTA..... | Upper Control Area | | |
| UTC..... | Coordinated Universal Time | | |
| V..... | Defense Switching Network (telephone, formerly AUTOVON) | | |
| V/STOL..... | Vertical and Short Take-off and Landing aircraft | | |
| VAL..... | Visiting Aircraft Line | | |
| var..... | variation (magnetic variation) | | |
| VASI..... | Visual Approach Slope Indicator | | |

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airport/facility directory legend

SAMPLE



CITY NAME 200 B TPA—1000(800) AOE LRA Class IV, ARFF Index A NOTAM FILE ORL Not insp. **JACKSONVILLE COPTER H-4G, L-19C IAP, DIAP, AD**

18 → RWY 18—36: H12004X200 (ASPH—CONC—GRVD) S-90, D-160, 2D-300 PCN 80 R/B/W/T HIRL CL
 RWY 18: RLLS. MALSF. TDZL. REIL. PAPI(P2R)—GA 3.0° TCH 36'.
 RVR—TMR. Thld dsplcd 300'. Trees. Rgt tfc. 0.3% up.
 RWY 36: ALSF1. 0.4% down.

19 → RWY 09—27: H6000X150 (ASPH) MIRL
 RWY 173—353: H3515X150 (ASPH—PFC) AUW PCN 59 F/A/W/T

LAND AND HOLD—SHORT OPERATIONS

| LDG RWY | HOLD—SHORT POINT | AVBL LDG DIST |
|---------|------------------|---------------|
| RWY 18 | 09-27 | 6500 |
| RWY 36 | 09-27 | 5400 |

20 → **RUNWAY DECLARED DISTANCE INFORMATION**
 RWY 18: TORA—12004 TODA—12004 ASDA—11704 LDA—11504
 RWY 36: TORA—12004 TODA—12004 ASDA—12004 LDA—11704

21 → **ARRESTING GEAR/SYSTEM**
 RWY 18 HOOK E5 (65° OVRN) BAK—14 BAK—12B (1650')
 BAK—14 BAK—12B (1087') HOOK E5 (74° OVRN) RWY 36

22 → **SERVICE: S4 FUEL 100LL, JET A OX 1, 3 LGT ACTIVATE MALS Rwy 29, REIL Rwy 11, VASI Rwy 11, HIRL Rwy 11—29, PAPI Rwy 17 and Rwy 35, MIRL Rwy 17—35—CTAF. MILITARY—A—GEAR E-5 connected on dep end, disconnected on apch end.**
 JASU 3(AM32A—60) 2(A/M32A—86) FUEL J8(Mil)(NC—100, A)
 FLUID W SP PRESAIR LOX OIL O-128 MAINT S1 Mon—Fri 1000—2200Z‡
 TRAN ALERT Avbl 1300—0200Z‡ svc limited weekends.

23 → **AIRPORT REMARKS:** Special Air Traffic Rules—Part 93, see Regulatory Notices. Attended 1200—0300Z‡. Parachute Jumping. Deer invt arpt. Heavy jumbo jet training surface to 9000'. Twy A clsd indef. Flight Notification Service (ADCUS) avbl.

24 → **MILITARY REMARKS:** ANG PPR/Official Business Only. Base OPS DSN 638-4390, C503-335-4222. Ctc Base OPS 15 minutes prior to ldg and after dep. Limited tran parking.

25 → **AIRPORT MANAGER:** (580) 481-5739

26 → **WEATHER DATA SOURCES:** AWOS-1 120.3 (202) 426-8000. LAWRS.

27 → **COMMUNICATIONS:** SFA CTAF 122.8 UNICOM 122.95 ATIS 127.25 273.5 (202) 426-8003 PTD 372.2
 NAME FSS (ORL) on arpt. 123.65 122.65 122.2
 NAME RCO 112.2T 112.1R (NAME RADIO)

28 → **NAME APP/DEP CON 128.35 257.725 (1200-0400Z‡)**
 TOWER 119.65 255.6 (1200-0400Z‡) GND CON 121.7 GCO 135.075 (ORLANDO CLNC) CLNC DEL 125.55
 CPDLC D—HZWXR, D—TAXI, DCL (LOGON KMEM)

29 → **NAME COMD POST (GERONIMO) 311.0 321.4 6761 PMSV METRO 239.8 NAME OPS 257.5**

30 → **AIRSPACE:** CLASS B See VFR Terminal Area Chart.

31 → **VOR TEST FACILITY (VOT):** 116.7

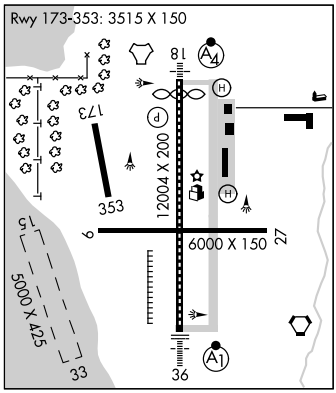
RADIO AIDS TO NAVIGATION: NOTAM FILE ORL. VHF/DF ctc FSS.
 (H) VORTAC 112.2 MCO Chan 59 N28°32.55' W81°20.12' at fld. 1110/8E.
 (H) TACAN Chan 29 CBU (109.2) N28°32.65' W81°21.12' at fld. 1115/8E.
 HERNY NDB (LOM) 221 OR N28°37.40' W81°21.05' 177° 5.4 NM to fld.
 ILS/DME 108.5 I—ORL Chan 22 Rwy 18. Class IIE. LOM HERNY NDB.
 ASR/PAR (1200-0400Z‡)

31 → **COMM/NAV/WEATHER REMARKS:** Emerg frequency 121.5 not avbl at twr.

HELIPAD H1: H100X75 (ASPH)
 HELIPAD H2: H60X60 (ASPH)
 HELIPORT REMARKS: Helipad H1 lctd on general aviation side and H2 lctd on air carrier side of arpt.

187 TPA 1000(813)
 WATERWAY 15—33: 5000X425 (WATER)

SEAPLANE REMARKS: Birds roosting and feeding areas along river banks. Seaplanes operating adjacent to SW side of arpt not visible from twr and are required to ctc twr.



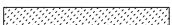










All bearings and radials are magnetic unless otherwise specified. All mileages are nautical unless otherwise noted. All times are Coordinated Universal Time (UTC) except as noted. All elevations are in feet above/below Mean Sea Level (MSL) unless otherwise noted. The horizontal reference datum of this publication is North American Datum of 1983 (NAD83), which for charting purposes is considered equivalent to World Geodetic System 1984 (WGS 84).








10

SKETCH LEGEND







RUNWAYS/LANDING AREAS

- Hard Surfaced 
- Metal Surface 
- Sod, Gravel, etc. 
- Light Plane, 
 - Ski Landing Area or Water 
 - Under Construction 
- Closed Rwy 
- Closed Pavement 
- Helicopter Landings Area 
- Displaced Threshold 
- Taxiway, Apron and Stopways 


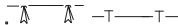
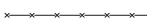













RADIO AIDS TO NAVIGATION

- VORTAC 
- VOR 
- VOR/DME 
- NDB 
- TACAN 
- NDB/DME 
- DME 


MISCELLANEOUS AERONAUTICAL FEATURES

- Airport Beacon 
 - Wind Cone 
 - Landing Tee 
 - Tetrahedron 
 - Control Tower  or **TWR** 
- When control tower and rotating beacon are co-located beacon symbol will be used and further identified as TWR.















MISCELLANEOUS BASE AND CULTURAL FEATURES

- Buildings 
- Power Lines 
- Fence 
- Towers** 
- Wind Turbine 
- Tanks 
- Oil Well 
- Smoke Stack 
- Obstruction  5812
- Controlling Obstruction  +5812
- Trees 
- Populated Places 
- Cuts and Fills  Cut Fill
- Cliffs and Depressions 
- Ditch 
- Hill 

APPROACH LIGHTING SYSTEMS

A dot "•" portrayed with approach lighting letter identifier indicates sequenced flashing lights (F) installed with the approach lighting system e.g. (A1) Negative symbology, e.g., (A1) 

(V) indicates Pilot Controlled Lighting (PCL).

- Runway Centerline Lighting 
- (A) Approach Lighting System ALSF-2 
- (A1) Approach Lighting System ALSF-1 
- (A2) Short Approach Lighting System SALS/SALSf 
- (A3) Simplified Short Approach Lighting System (SSALR) with RAIL 
- (A4) Medium Intensity Approach Lighting System (MALS and MALSf)/(SSALS and SSALF) 
- (A5) Medium Intensity Approach Lighting System (MALSr) and RAIL 
- (V) Omnidirectional Approach Lighting System (ODALS) 
- (D) Navy Parallel Row and Cross Bar 
- (#) Air Force Overrun 
- (V) Visual Approach Slope Indicator with Standard Threshold Clearance provided
 Pulsating Visual Approach Slope Indicator (PVASI)
 (V2) 
- (V3) Visual Approach Slope Indicator with a threshold crossing height to accommodate long bodied or jumbo aircraft
 (V4) 
- (V4) Tri-color Visual Approach Slope Indicator (TRCV)
 (V5) 
- (P) Precision Approach Path Indicator (PAPI) 

LEGEND

This directory is a listing of data on record with the FAA on public-use airports, military airports and selected private-use airports specifically requested by the Department of Defense (DoD) for which a DoD Instrument Approach Procedure has been published in the U.S. Terminal Procedures Publication. Additionally this listing contains data for associated terminal control facilities, air route traffic control centers, and radio aids to navigation within the conterminous United States, Puerto Rico and the Virgin Islands. Civil airports and joint Civil/Military airports which are open to the public are listed alphabetically by state, associated city and airport name and cross-referenced by airport name. Military airports and private-use (limited civil access) joint Military/Civil airports are listed alphabetically by state and official airport name and cross-referenced by associated city name. Nav aids, flight service stations and remote communication outlets that are associated with an airport, but with a different name, are listed alphabetically under their own name, as well as under the airport with which they are associated.

The listing of an airport as open to the public in this directory merely indicates the airport operator's willingness to accommodate transient aircraft, and does not represent that the airport conforms with any Federal or local standards, or that it has been approved for use on the part of the general public. Military airports, private-use airports, and private-use (limited civil access) joint Military/Civil airports are open to civil pilots only in an emergency or with prior permission. See Special Notice Section, Civil Use of Military Fields.

The information on obstructions is taken from reports submitted to the FAA. Obstruction data has not been verified in all cases. Pilots are cautioned that objects not indicated in this tabulation (or on the airports sketches and/or charts) may exist which can create a hazard to flight operation. Detailed specifics concerning services and facilities tabulated within this directory are contained in the Aeronautical Information Manual, Basic Flight Information and ATC Procedures.

The legend items that follow explain in detail the contents of this Directory and are keyed to the circled numbers on the sample on the preceding pages.

① CITY/AIRPORT NAME

Civil and joint Civil/Military airports which are open to the public are listed alphabetically by state and associated city. Where the city name is different from the airport name the city name will appear on the line above the airport name. Airports with the same associated city name will be listed alphabetically by airport name and will be separated by a dashed rule line. A solid rule line will separate all others. FAA approved helipads and seaplane landing areas associated with a land airport will be separated by a dotted line. Military airports and private-use (limited civil access) joint Military/Civil airports are listed alphabetically by state and official airport name.

② ALTERNATE NAME

Alternate names, if any, will be shown in parentheses.

③ LOCATION IDENTIFIER

The location identifier is a three or four character FAA code followed by a four-character ICAO code, when assigned, to airports. If two different military codes are assigned, both codes will be shown with the primary operating agency's code listed first. These identifiers are used by ATC in lieu of the airport name in flight plans, flight strips and other written records and computer operations. Zeros will appear with a slash to differentiate them from the letter "O".

④ OPERATING AGENCY

Airports within this directory are classified into two categories, Military/Federal Government and Civil airports open to the general public, plus selected private-use airports. The operating agency is shown for military, private-use and joint use airports. The operating agency is shown by an abbreviation as listed below. When an organization is a tenant, the abbreviation is enclosed in parenthesis. No classification indicates the airport is open to the general public with no military tenant.

| | | | |
|---------|---|---------|---|
| A | US Army | MC | Marine Corps |
| AFRC | Air Force Reserve Command | MIL/CIV | Joint Use Military/Civil Limited Civil Access |
| AF | US Air Force | N | Navy |
| ANG | Air National Guard | NAF | Naval Air Facility |
| AR | US Army Reserve | NAS | Naval Air Station |
| ARNG | US Army National Guard | NASA | National Air and Space Administration |
| CG | US Coast Guard | P | US Civil Airport Wherein Permit Covers Use by Transient Military Aircraft |
| CIV/MIL | Joint Use Civil/Military Open to the Public | PVT | Private Use Only (Closed to the Public) |
| DND | Department of National Defense Canada | | |

⑤ AIRPORT LOCATION

Airport location is expressed as distance and direction from the center of the associated city in nautical miles and cardinal points, e.g., 4 NE.

⑥ TIME CONVERSION

Hours of operation of all facilities are expressed in Coordinated Universal Time (UTC) and shown as "Z" time. The directory indicates the number of hours to be subtracted from UTC to obtain local standard time and local daylight saving time UTC-5(-4DT). The symbol ‡ indicates that during periods of Daylight Saving Time (DST) effective hours will be one hour earlier than shown. In those areas where daylight saving time is not observed the (-4DT) and ‡ will not be shown. Daylight saving time is in effect from 0200 local time the second Sunday in March to 0200 local time the first Sunday in November. Canada and all U.S. Conterminous States observe daylight saving time except Arizona and Puerto Rico, and the Virgin Islands. If the state observes daylight saving time and the operating times are other than daylight saving times, the operating hours will include the dates, times and no ‡ symbol will be shown, i.e., April 15–Aug 31 0630–1700Z, Sep 1–Apr 14 0600–1700Z.

7 GEOGRAPHIC POSITION OF AIRPORT—AIRPORT REFERENCE POINT (ARP)

Positions are shown as hemisphere, degrees, minutes and hundredths of a minute and represent the approximate geometric center of all usable runway surfaces.

8 CHARTS

Charts refer to the Sectional Chart and Low and High Altitude Enroute Chart and panel on which the airport or facility is depicted. Helicopter Chart depictions will be indicated as COPTER. IFR Gulf of Mexico West and IFR Gulf of Mexico Central will be referenced as GOMW and GOMC.

9 INSTRUMENT APPROACH PROCEDURES, AIRPORT DIAGRAMS

IAP indicates an airport for which a prescribed (Public Use) FAA Instrument Approach Procedure has been published. DIAP indicates an airport for which a prescribed DoD Instrument Approach Procedure has been published in the U.S. Terminal Procedures. See the Special Notice Section of this directory, Civil Use of Military Fields and the Aeronautical Information Manual 5-4-5 Instrument Approach Procedure Charts for additional information. AD indicates an airport for which an airport diagram has been published. Airport diagrams are located in the back of each Chart Supplement volume alphabetically by associated city and airport name.

10 AIRPORT SKETCH

The airport sketch, when provided, depicts the airport and related topographical information as seen from the air and should be used in conjunction with the text. It is intended as a guide for pilots in VFR conditions. Symbology that is not self-explanatory will be reflected in the sketch legend. The airport sketch will be oriented with True North at the top. Airport sketches will be added incrementally.

11 ELEVATION

The highest point of an airport's usable runways measured in feet from mean sea level. When elevation is sea level it will be indicated as "00". When elevation is below sea level a minus "-" sign will precede the figure.

12 ROTATING LIGHT BEACON

B indicates rotating beacon is available. Rotating beacons operate sunset to sunrise unless otherwise indicated in the AIRPORT REMARKS or MILITARY REMARKS segment of the airport entry.

13 TRAFFIC PATTERN ALTITUDE

Traffic Pattern Altitude (TPA)—The first figure shown is TPA above mean sea level. The second figure in parentheses is TPA above airport elevation. Multiple TPA shall be shown as "TPA—See Remarks" and detailed information shall be shown in the Airport or Military Remarks Section. Traffic pattern data for USAF bases, USN facilities, and U.S. Army airports (including those on which ACC or U.S. Army is a tenant) that deviate from standard pattern altitudes shall be shown in Military Remarks.

14 AIRPORT OF ENTRY, LANDING RIGHTS, AND CUSTOMS USER FEE AIRPORTS

U.S. CUSTOMS USER FEE AIRPORT—Private Aircraft operators are frequently required to pay the costs associated with customs processing.

AOE—Airport of Entry. A customs Airport of Entry where permission from U.S. Customs is not required to land. However, at least one hour advance notice of arrival is required.

LRA—Landing Rights Airport. Application for permission to land must be submitted in advance to U.S. Customs. At least one hour advance notice of arrival is required.

NOTE: Advance notice of arrival at both an AOE and LRA airport may be included in the flight plan when filed in Canada or Mexico. Where Flight Notification Service (ADCUS) is available the airport remark will indicate this service. This notice will also be treated as an application for permission to land in the case of an LRA. Although advance notice of arrival may be relayed to Customs through Mexico, Canada, and U.S. Communications facilities by flight plan, the aircraft operator is solely responsible for ensuring that Customs receives the notification. (See Customs, Immigration and Naturalization, Public Health and Agriculture Department requirements in the International Flight Information Manual for further details.)

U.S. CUSTOMS AIR AND SEA PORTS, INSPECTORS AND AGENTS

| | |
|---|--------------|
| Northeast Sector (New England and Atlantic States—ME to MD) | 407-975-1740 |
| Southeast Sector (Atlantic States—DC, WV, VA to FL) | 407-975-1780 |
| Central Sector (Interior of the US, including Gulf states—MS, AL, LA) | 407-975-1760 |
| Southwest East Sector (OK and eastern TX) | 407-975-1840 |
| Southwest West Sector (Western TX, NM and AZ) | 407-975-1820 |
| Pacific Sector (WA, OR, CA, HI and AK) | 407-975-1800 |

15 CERTIFICATED AIRPORT (14 CFR PART 139)

Airports serving Department of Transportation certified carriers and certified under 14 CFR part 139 are indicated by the Class and the ARFF Index; e.g. Class I, ARFF Index A, which relates to the availability of crash, fire, rescue equipment. Class I airports can have an ARFF Index A through E, depending on the aircraft length and scheduled departures. Class II, III, and IV will always carry an Index A.

AIRPORT CLASSIFICATIONS

| Type of Air Carrier Operation | Class I | Class II | Class III | Class IV |
|---|---------|----------|-----------|----------|
| Scheduled Air Carrier Aircraft with 31 or more passenger seats | X | | | |
| Unscheduled Air Carrier Aircraft with 31 or more passengers seats | X | X | | X |
| Scheduled Air Carrier Aircraft with 10 to 30 passenger seats | X | X | X | |

AIRPORT/FACILITY DIRECTORY LEGEND

INDICES AND AIRCRAFT RESCUE AND FIRE FIGHTING EQUIPMENT REQUIREMENTS

| Airport Index | Required No. Vehicles | Aircraft Length | Scheduled Departures | Agent + Water for Foam |
|---------------|-----------------------|-----------------|----------------------|---|
| A | 1 | <90' | ≥1 | 500#DC or HALON 1211 or 450#DC + 100 gal H ₂ O |
| B | 1 or 2 | ≥90', <126' | ≥5 | Index A + 1500 gal H ₂ O |
| | | ≥126', <159' | <5 | |
| C | 2 or 3 | ≥126', <159' | ≥5 | Index A + 3000 gal H ₂ O |
| | | ≥159', <200' | <5 | |
| D | 3 | ≥159', <200' | ≥5 | Index A + 4000 gal H ₂ O |
| | | >200' | <5 | |
| E | 3 | ≥200' | ≥5 | Index A + 6000 gal H ₂ O |

> Greater Than; < Less Than; ≥ Equal or Greater Than; ≤ Equal or Less Than; H₂O—Water; DC—Dry Chemical.

NOTE: The listing of ARFF index does not necessarily assure coverage for non-air carrier operations or at other than prescribed times for air carrier. ARFF Index Ltd.—indicates ARFF coverage may or may not be available, for information contact airport manager prior to flight.

⑩ NOTAM SERVICE

All public use landing areas are provided NOTAM service. A NOTAM FILE identifier is shown for individual landing areas, e.g., "NOTAM FILE BNA". See the AIM, Basic Flight Information and ATC Procedures for a detailed description of NOTAMs. Current NOTAMs are available from flight service stations at 1-800-WX-BRIEF (992-7433) or online through the FAA PilotWeb at <https://pilotweb.nas.faa.gov>. Military NOTAMs are available using the Defense Internet NOTAM Service (DINS) at <https://www.notams.faa.gov>. Pilots flying to or from airports not available through the FAA PilotWeb or DINS can obtain assistance from Flight Service.

⑪ FAA INSPECTION

All airports not inspected by FAA will be identified by the note: Not insp. This indicates that the airport information has been provided by the owner or operator of the field.

⑫ RUNWAY DATA

Runway information is shown on two lines. That information common to the entire runway is shown on the first line while information concerning the runway ends is shown on the second or following line. Runway direction, surface, length, width, weight bearing capacity, lighting, and slope, when available are shown for each runway. Multiple runways are shown with the longest runway first. Direction, length, width, and lighting are shown for sea-lanes. The full dimensions of helipads are shown, e.g., 50X150. Runway data that requires clarification will be placed in the remarks section.

RUNWAY DESIGNATION

Runways are normally numbered in relation to their magnetic orientation rounded off to the nearest 10 degrees. Parallel runways can be designated L (left)/R (right)/C (center). Runways may be designated as Ultralight or assault strips. Assault strips are shown by magnetic bearing.

RUNWAY DIMENSIONS

Runway length and width are shown in feet. Length shown is runway end to end including displaced thresholds, but excluding those areas designed as overruns.

RUNWAY SURFACE AND SURFACE TREATMENT

Runway lengths prefixed by the letter "H" indicate that the runways are hard surfaced (concrete, asphalt, or part asphalt-concrete). If the runway length is not prefixed, the surface is sod, clay, etc. The runway surface composition is indicated in parentheses after runway length as follows:

| | | |
|---|--|------------------|
| (AFSC)—Aggregate friction seal coat | (GRVL)—Gravel, or cinders | (SAND)—Sand |
| (AM2)—Temporary metal planks coated with nonskid material | (MATS)—Pierced steel planking, landing mats, membranes | (TURF)—Turf |
| (ASPH)—Asphalt | (PEM)—Part concrete, part asphalt | (TRTD)—Treated |
| (CONC)—Concrete | (PFC)—Porous friction courses | (WC)—Wire combed |
| (DIRT)—Dirt | (PSP)—Pierced steel plank | |
| (GRVD)—Grooved | (RFSC)—Rubberized friction seal coat | |

RUNWAY WEIGHT BEARING CAPACITY

Runway strength data shown in this publication is derived from available information and is a realistic estimate of capability at an average level of activity. It is not intended as a maximum allowable weight or as an operating limitation. Many airport pavements are capable of supporting limited operations with gross weights in excess of the published figures. Permissible operating weights, insofar as runway strengths are concerned, are a matter of agreement between the owner and user. When desiring to operate into any airport at weights in excess of those published in the publication, users should contact the airport management for permission. Runway strength figures are shown in thousand of pounds, with the last three figures being omitted. Add 000 to figure following S, D, 2S, 2T, AUW, SWL, etc., for gross weight capacity. A blank space following the letter designator is used to indicate the runway can sustain aircraft with this type landing gear, although definite runway weight bearing capacity figures are not available, e.g., S, D. Applicable codes for typical gear configurations with S=Single, D=Dual, T=Triple and Q=Quadruple:

| CURRENT | NEW | NEW DESCRIPTION |
|---------|--------|--|
| S | S | Single wheel type landing gear (DC3), (C47), (F15), etc. |
| D | D | Dual wheel type landing gear (BE1900), (B737), (A319), etc. |
| T | D | Dual wheel type landing gear (P3, C9). |
| ST | 2S | Two single wheels in tandem type landing gear (C130). |
| TRT | 2T | Two triple wheels in tandem type landing gear (C17), etc. |
| DT | 2D | Two dual wheels in tandem type landing gear (B707), etc. |
| TT | 2D | Two dual wheels in tandem type landing gear (B757, KC135). |
| SBT | 2D/D1 | Two dual wheels in tandem/dual wheel body gear type landing gear (KC10). |
| None | 2D/2D1 | Two dual wheels in tandem/two dual wheels in tandem body gear type landing gear (A340-600). |
| DDT | 2D/2D2 | Two dual wheels in tandem/two dual wheels in double tandem body gear type landing gear (B747, E4). |
| TTT | 3D | Three dual wheels in tandem type landing gear (B777), etc. |
| TT | D2 | Dual wheel gear two struts per side main gear type landing gear (B52). |
| TDT | C5 | Complex dual wheel and quadruple wheel combination landing gear (C5). |

AUW—All up weight. Maximum weight bearing capacity for any aircraft irrespective of landing gear configuration.

SWL—Single Wheel Loading. (This includes information submitted in terms of Equivalent Single Wheel Loading (ESWL) and Single Isolated Wheel Loading).

PSI—Pounds per square inch. PSI is the actual figure expressing maximum pounds per square inch runway will support, e.g., (SWL 000/PSI 535).

Omission of weight bearing capacity indicates information unknown.

The ACN/PCN System is the ICAO standard method of reporting pavement strength for pavements with bearing strengths greater than 12,500 pounds. The Pavement Classification Number (PCN) is established by an engineering assessment of the runway. The PCN is for use in conjunction with an Aircraft Classification Number (ACN). Consult the Aircraft Flight Manual, Flight Information Handbook, or other appropriate source for ACN tables or charts. Currently, ACN data may not be available for all aircraft. If an ACN table or chart is available, the ACN can be calculated by taking into account the aircraft weight, the pavement type, and the subgrade category. For runways that have been evaluated under the ACN/PCN system, the PCN will be shown as a five-part code (e.g. PCN 80 R/B/W/T). Details of the coded format are as follows:

NOTE: Prior permission from the airport controlling authority is required when the ACN of the aircraft exceeds the published PCN or aircraft tire pressure exceeds the published limits.

- | | |
|--|--|
| <p>(1) The PCN NUMBER—The reported PCN indicates that an aircraft with an ACN equal or less than the reported PCN can operate on the pavement subject to any limitation on the tire pressure.</p> <p>(2) The type of pavement: R — Rigid F — Flexible</p> <p>(3) The pavement subgrade category: A — High B — Medium C — Low D — Ultra-low</p> | <p>(4) The maximum tire pressure authorized for the pavement: W — Unlimited, no pressure limit X — High, limited to 254 psi (1.75 MPa) Y — Medium, limited to 181 psi (1.25MPa) Z — Low, limited to 73 psi (0.50 MPa)</p> <p>(5) Pavement evaluation method: T — Technical evaluation U — By experience of aircraft using the pavement</p> |
|--|--|

RUNWAY LIGHTING

Lights are in operation sunset to sunrise. Lighting available by prior arrangement only or operating part of the night and/or pilot controlled lighting with specific operating hours are indicated under airport or military remarks. At USN/USMC facilities lights are available only during airport hours of operation. Since obstructions are usually lighted, obstruction lighting is not included in this code. Unlighted obstructions on or surrounding an airport will be noted in airport or military remarks. Runway lights nonstandard (NSTD) are systems for which the light fixtures are not FAA approved L-800 series: color, intensity, or spacing does not meet FAA standards. Nonstandard runway lights, VASI, or any other system not listed below will be shown in airport remarks or military

service. Temporary, emergency or limited runway edge lighting such as flares, smudge pots, lanterns or portable runway lights will also be shown in airport remarks or military service. Types of lighting are shown with the runway or runway end they serve.

| | |
|---|---|
| NSTD—Light system fails to meet FAA standards. | SALS—Short Approach Lighting System. |
| LIRL—Low Intensity Runway Lights. | SALSF—Short Approach Lighting System with Sequenced Flashing Lights. |
| MIRL—Medium Intensity Runway Lights. | SSALS—Simplified Short Approach Lighting System. |
| HIRL—High Intensity Runway Lights. | SSALF—Simplified Short Approach Lighting System with Sequenced Flashing Lights. |
| RAIL—Runway Alignment Indicator Lights. | SSALR—Simplified Short Approach Lighting System with Runway Alignment Indicator Lights. |
| REIL—Runway End Identifier Lights. | ALSAF—High Intensity Approach Lighting System with Sequenced Flashing Lights. |
| CL—Centerline Lights. | ALSF1—High Intensity Approach Lighting System with Sequenced Flashing Lights, Category I, Configuration. |
| TDZL—Touchdown Zone Lights. | ALSF2—High Intensity Approach Lighting System with Sequenced Flashing Lights, Category II, Configuration. |
| ODALS—Omni Directional Approach Lighting System. | SF—Sequenced Flashing Lights. |
| AF OVRN—Air Force Overrun 1000' Standard Approach Lighting System. | OLS—Optical Landing System. |
| MALS—Medium Intensity Approach Lighting System. | WAVE—OFF. |
| MALSF—Medium Intensity Approach Lighting System with Sequenced Flashing Lights. | |
| MALSR—Medium Intensity Approach Lighting System with Runway Alignment Indicator Lights. | |
| RLLS—Runway Lead-in Light System | |

NOTE: Civil ALSF2 may be operated as SSALR during favorable weather conditions. When runway edge lights are positioned more than 10 feet from the edge of the usable runway surface a remark will be added in the "Remarks" portion of the airport entry. This is applicable to Air Force, Air National Guard and Air Force Reserve Bases, and those joint use airfields on which they are tenants.

VISUAL GLIDESLOPE INDICATORS

| | |
|---|--|
| APAP—A system of panels, which may or may not be lighted, used for alignment of approach path. | |
| PNIL APAP on left side of runway | PNIR APAP on right side of runway |
| PAPI—Precision Approach Path Indicator | |
| P2L 2-identical light units placed on left side of runway | P4L 4-identical light units placed on left side of runway |
| P2R 2-identical light units placed on right side of runway | P4R 4-identical light units placed on right side of runway |
| PVASI—Pulsating/steady burning visual approach slope indicator, normally a single light unit projecting two colors. | |
| PSIL PVASI on left side of runway | PSIR PVASI on right side of runway |
| SAVASI—Simplified Abbreviated Visual Approach Slope Indicator | |
| S2L 2-box SAVASI on left side of runway | S2R 2-box SAVASI on right side of runway |
| TRCV—Tri-color visual approach slope indicator, normally a single light unit projecting three colors. | |
| TRIL TRCV on left side of runway | TRIR TRCV on right side of runway |
| VASI—Visual Approach Slope Indicator | |
| V2L 2-box VASI on left side of runway | V6L 6-box VASI on left side of runway |
| V2R 2-box VASI on right side of runway | V6R 6-box VASI on right side of runway |
| V4L 4-box VASI on left side of runway | V12 12-box VASI on both sides of runway |
| V4R 4-box VASI on right side of runway | V16 16-box VASI on both sides of runway |

NOTE: Approach slope angle and threshold crossing height will be shown when available; i.e., -GA 3.5° TCH 37'.

PILOT CONTROL OF AIRPORT LIGHTING

| Key Mike | Function |
|--------------------------|---|
| 7 times within 5 seconds | Highest intensity available |
| 5 times within 5 seconds | Medium or lower intensity (Lower REIL or REIL-Off) |
| 3 times within 5 seconds | Lowest intensity available (Lower REIL or REIL-Off) |

Available systems will be indicated in the Service section, e.g., **LGT** ACTIVATE HIRL Rwy 07-25, **MALSR** Rwy 07, and **VASI** Rwy 07-122.8.

Where the airport is not served by an instrument approach procedure and/or has an independent type system of different specification installed by the airport sponsor, descriptions of the type lights, method of control, and operating frequency will be explained in clear text. See AIM, "Basic Flight Information and ATC Procedures," for detailed description of pilot control of airport lighting.

RUNWAY SLOPE

When available, runway slope data will be provided. Runway slope will be shown only when it is 0.3 percent or greater. On runways less than 8000 feet, the direction of the slope up will be indicated, e.g., 0.3% up NW. On runways 8000 feet or greater, the slope will be shown (up or down) on the runway end line, e.g., RWY 13: 0.3% up., RWY 31: Pole. Rgt t/c. 0.4% down.

RUNWAY END DATA

Information pertaining to the runway approach end such as approach lights, touchdown zone lights, runway end identification lights, visual glideslope indicators, displaced thresholds, controlling obstruction, and right hand traffic pattern, will be shown on the specific runway end. "Rgt tfc"—Right traffic indicates right turns should be made on landing and takeoff for specified runway end. Runway Visual Range shall be shown as "RVR" appended with "T" for touchdown, "M" for midpoint, and "R" for rollout; e.g., RVR-TMR.

19 LAND AND HOLD—SHORT OPERATIONS (LAHSO)

LAHSO is an acronym for "Land and Hold—Short Operations" These operations include landing and holding short of an intersection runway, an intersecting taxiway, or other predetermined points on the runway other than a runway or taxiway. Measured distance represents the available landing distance on the landing runway, in feet.

Specific questions regarding these distances should be referred to the air traffic manager of the facility concerned. The Aeronautical Information Manual contains specific details on hold—short operations and markings.

20 RUNWAY DECLARED DISTANCE INFORMATION

TORA—Take-off Run Available. The length of runway declared available and suitable for the ground run of an aeroplane take-off.

TODA—Take-off Distance Available. The length of the take-off run available plus the length of the clearway, if provided.

ASDA—Accelerate—Stop Distance Available. The length of the take-off run available plus the length of the stopway, if provided.

LDA—Landing Distance Available. The length of runway which is declared available and suitable for the ground run of an aeroplane landing.

21 ARRESTING GEAR/SYSTEMS

Arresting gear is shown as it is located on the runway. The a—gear distance from the end of the appropriate runway (or into the overrun) is indicated in parentheses. A—Gear which has a bi—direction capability and can be utilized for emergency approach end engagement is indicated by a (B). Up to 15 minutes advance notice may be required for rigging A—Gear for approach and engagement. Airport listing may show availability of other than US Systems. This information is provided for emergency requirements only. Refer to current aircraft operating manuals for specific engagement weight and speed criteria based on aircraft structural restrictions and arresting system limitations.

Following is a list of current systems referenced in this publication identified by both Air Force and Navy terminology:

BI—DIRECTIONAL CABLE (B)

| TYPE | DESCRIPTION |
|---------|---|
| BAK-9 | Rotary friction brake. |
| BAK-12A | Standard BAK-12 with 950 foot run out, 1—inch cable and 40,000 pound weight setting. Rotary friction brake. |
| BAK-12B | Extended BAK-12 with 1200 foot run, 1¼ inch Cable and 50,000 pounds weight setting. Rotary friction brake. |
| E28 | Rotary Hydraulic (Water Brake). |
| M21 | Rotary Hydraulic (Water Brake) Mobile. |

The following device is used in conjunction with some aircraft arresting systems:

| | |
|--------|---|
| BAK-14 | A device that raises a hook cable out of a slot in the runway surface and is remotely positioned for engagement by the tower on request. (In addition to personnel reaction time, the system requires up to five seconds to fully raise the cable.) |
| H | A device that raises a hook cable out of a slot in the runway surface and is remotely positioned for engagement by the tower on request. (In addition to personnel reaction time, the system requires up to one and one—half seconds to fully raise the cable.) |

UNI—DIRECTIONAL CABLE

| TYPE | DESCRIPTION |
|--------------|--|
| MB60 | Textile brake—an emergency one—time use, modular braking system employing the tearing of specially woven textile straps to absorb the kinetic energy. |
| E5/E5-1/E5-3 | Chain Type. At USN/USMC stations E-5 A—GEAR systems are rated, e.g., E-5 RATING-13R-1100 HW (DRY), 31L/R-1200 STD (WET). This rating is a function of the A—GEAR chain weight and length and is used to determine the maximum aircraft engaging speed. A dry rating applies to a stabilized surface (dry or wet) while a wet rating takes into account the amount (if any) of wet overrun that is not capable of withstanding the aircraft weight. These ratings are published under Service/Military/A-Gear in the entry. |

FOREIGN CABLE

| TYPE | DESCRIPTION | US EQUIVALENT |
|--------|--------------------------------|---------------|
| 44B-3H | Rotary Hydraulic (Water Brake) | |
| CHAG | Chain | E-5 |

UNI—DIRECTIONAL BARRIER

| TYPE | DESCRIPTION |
|--------|---|
| MA-1A | Web barrier between stanchions attached to a chain energy absorber. |
| BAK-15 | Web barrier between stanchions attached to an energy absorber (water squeezer, rotary friction, chain). Designed for wing engagement. |

NOTE: Landing short of the runway threshold on a runway with a BAK-15 in the underrun is a significant hazard. The barrier in the down position still protrudes several inches above the underrun. Aircraft contact with the barrier short of the runway threshold can cause damage to the barrier and substantial damage to the aircraft.

OTHER

| TYPE | DESCRIPTION |
|------|---|
| EMAS | Engineered Material Arresting System, located beyond the departure end of the runway, consisting of high energy absorbing materials which will crush under the weight of an aircraft. |

22 SERVICE

SERVICING—CIVIL

- | | |
|--|--|
| S1: Minor airframe repairs. | S5: Major airframe repairs. |
| S2: Minor airframe and minor powerplant repairs. | S6: Minor airframe and major powerplant repairs. |
| S3: Major airframe and minor powerplant repairs. | S7: Major powerplant repairs. |
| S4: Major airframe and major powerplant repairs. | S8: Minor powerplant repairs. |

FUEL

| CODE | FUEL | CODE | FUEL |
|-------|---|----------|--|
| 80 | Grade 80 gasoline (Red) | B | Jet B, Wide-cut, turbine fuel without FS-II*, FP** minus 50° C. |
| 100 | Grade 100 gasoline (Green) | B+ | Jet B, Wide-cut, turbine fuel with FS-II*, FP** minus 50° C |
| 100LL | 100LL gasoline (low lead) (Blue) | J4 (JP4) | (JP-4 military specification) FP** minus 58° C. |
| 115 | Grade 115 gasoline (115/145 military specification) (Purple) | J5 (JP5) | (JP-5 military specification) Kerosene with FS-II, FP** minus 46° C. |
| A | Jet A, Kerosene, without FS-II*, FP** minus 40° C. | J8 (JP8) | (JP-8 military specification) Jet A-1, Kerosene with FS-II*, CI/LI#, SDA##, FP** minus 47° C. |
| A+ | Jet A, Kerosene, with FS-II*, FP** minus 40° C. | J8+100 | (JP-8 military specification) Jet A-1, Kerosene with FS-II*, CI/LI#, SDA##, FP** minus 47° C, with +100 fuel additive that improves thermal stability characteristics of kerosene jet fuels. |
| A++ | Jet A, Kerosene, with FS-II*, CI/LI#, SDA##, FP** minus 40° C, with +100 fuel additive that improves thermal stability characteristics of kerosene jet fuels. | J | (Jet Fuel Type Unknown) |
| A1 | Jet A-1, Kerosene, without FS-II*, FP** minus 47° C. | MOGAS | Automobile gasoline which is to be used as aircraft fuel. |
| A1+ | Jet A-1, Kerosene with FS-II*, FP** minus 47° C. | UL91 | Unleaded Grade 91 gasoline |
| | | UL94 | Unleaded Grade 94 gasoline |

* (Fuel System Icing Inhibitor) ** (Freeze Point) # (Corrosion Inhibitors/Lubricity Improvers) ## (Static Dissipator Additive)

NOTE: Certain automobile gasoline may be used in specific aircraft engines if a FAA supplemental type certificate has been obtained. Automobile gasoline, which is to be used in aircraft engines, will be identified as "MOGAS", however, the grade/type and other octane rating will not be published.

Data shown on fuel availability represents the most recent information the publisher has been able to acquire. Because of a variety of factors, the fuel listed may not always be obtainable by transient civil pilots. Confirmation of availability of fuel should be made directly with fuel suppliers at locations where refueling is planned.

OXYGEN—CIVIL

- | | |
|--------------------|--|
| OX 1 High Pressure | OX 3 High Pressure—Replacement Bottles |
| OX 2 Low Pressure | OX 4 Low Pressure—Replacement Bottles |

SERVICE—MILITARY

Specific military services available at the airport are listed under this general heading. Remarks applicable to any military service are shown in the individual service listing.

JET AIRCRAFT STARTING UNITS (JASU)—MILITARY

The numeral preceding the type of unit indicates the number of units available. The absence of the numeral indicates ten or more units available. If the number of units is unknown, the number one will be shown. Absence of JASU designation indicates non-availability.

The following is a list of current JASU systems referenced in this publication:

USAF JASU (For variations in technical data, refer to IO. 35-1-7.)

ELECTRICAL STARTING UNITS:

| | |
|-----------|---|
| A/M32A-86 | AC: 115/200v, 3 phase, 90 kva, 0.8 pf, 4 wire DC: 28v, 1500 amp, 72 kw (with TR pack) |
| MC-1A | AC: 115/208v, 400 cycle, 3 phase, 37.5 kva, 0.8 pf, 108 amp, 4 wire DC: 28v, 500 amp, 14 kw |
| MD-3 | AC: 115/208v, 400 cycle, 3 phase, 60 kva, 0.75 pf, 4 wire DC: 28v, 1500 amp, 45 kw, split bus |
| MD-3A | AC: 115/208v, 400 cycle, 3 phase, 60 kva, 0.75 pf, 4 wire DC: 28v, 1500 amp, 45 kw, split bus |
| MD-3M | AC: 115/208v, 400 cycle, 3 phase, 60 kva, 0.75 pf, 4 wire DC: 28v, 500 amp, 15 kw |
| MD-4 | AC: 120/208v, 400 cycle, 3 phase, 62.5 kva, 0.8 pf, 175 amp, "WYE" neutral ground, 4 wire, 120v, 400 cycle, 3 phase, 62.5 kva, 0.8 pf, 303 amp, "DELTA" 3 wire, 120v, 400 cycle, 1 phase, 62.5 kva, 0.8 pf, 520 amp, 2 wire |

AIR STARTING UNITS

| | |
|----------|---|
| AM32-95 | 150 +/- 5 lb/min (2055 +/- 68 cfm) at 51 +/- 2 psia |
| AM32A-95 | 150 +/- 5 lb/min @ 49 +/- 2 psia (35 +/- 2 psig) |
| LASS | 150 +/- 5 lb/min @ 49 +/- 2 psia |
| MA-1A | 82 lb/min (1123 cfm) at 130° air inlet temp, 45 psia (min) air outlet press |
| MC-1 | 15 cfm, 3500 psia |
| MC-1A | 15 cfm, 3500 psia |
| MC-2A | 15 cfm, 200 psia |
| MC-11 | 8,000 cu in cap, 4000 psig, 15 cfm |

COMBINED AIR AND ELECTRICAL STARTING UNITS:

| | |
|------------|---|
| AGPU | AC: 115/200v, 400 cycle, 3 phase, 30 kw gen DC: 28v, 700 amp AIR: 60 lb/min @ 40 psig @ sea level |
| AM32A-60* | AIR: 120 +/- 4 lb/min (1644 +/- 55 cfm) at 49 +/- 2 psia AC: 120/208v, 400 cycle, 3 phase, 75 kva, 0.75 pf, 4 wire, 120v, 1 phase, 25 kva DC: 28v, 500 amp, 15 kw |
| AM32A-60A | AIR: 150 +/- 5 lb/min (2055 +/- 68 cfm) at 51 +/- psia AC: 120/208v, 400 cycle, 3 phase, 75 kva, 0.75 pf, 4 wire DC: 28v, 200 amp, 5.6 kw |
| AM32A-60B* | AIR: 130 lb/min, 50 psia AC: 120/208v, 400 cycle, 3 phase, 75 kva, 0.75 pf, 4 wire DC: 28v, 200 amp, 5.6 kw |

*NOTE: During combined air and electrical loads, the pneumatic circuitry takes preference and will limit the amount of electrical power available.

USN JASU

ELECTRICAL STARTING UNITS:

| | |
|---------------|--|
| NC-8A/A1 | DC: 500 amp constant, 750 amp intermittent, 28v; AC: 60 kva @ .8 pf, 115/200v, 3 phase, 400 Hz. |
| NC-10A/A1/B/C | DC: 750 amp constant, 1000 amp intermittent, 28v; AC: 90 kva, 115/200v, 3 phase, 400 Hz. |

AIR STARTING UNITS:

| | |
|------------------------|---|
| GTC-85/GTE-85 | 120 lbs/min @ 45 psi. |
| MSU-200NAV/A/U47A-5 | 204 lbs/min @ 56 psia. |
| WELLS AIR START SYSTEM | 180 lbs/min @ 75 psi or 120 lbs/min @ 45 psi. Simultaneous multiple start capability. |

COMBINED AIR AND ELECTRICAL STARTING UNITS:

| | |
|---------------|---|
| NCPP-105/RCPT | 180 lbs/min @ 75 psi or 120 lbs/min @ 45 psi. 700 amp, 28v DC. 120/208v, 400 Hz AC, 30 kva. |
|---------------|---|

ARMY JASU

| | |
|---------|-----------------------|
| 59B2-1B | 28v, 7.5 kw, 280 amp. |
|---------|-----------------------|

OTHER JASU

ELECTRICAL STARTING UNITS (DND):

| | |
|------|--|
| CE12 | AC 115/200v, 140 kva, 400 Hz, 3 phase |
| CE13 | AC 115/200v, 60 kva, 400 Hz, 3 phase |
| CE14 | AC/DC 115/200v, 140 kva, 400 Hz, 3 phase, 28vDC, 1500 amp |
| CE15 | DC 22-35v, 500 amp continuous 1100 amp intermittent |
| CE16 | DC 22-35v, 500 amp continuous 1100 amp intermittent soft start |

AIR STARTING UNITS (DND):

| | |
|-----|-----------------------------|
| CA2 | ASA 45.5 psig, 116.4 lb/min |
|-----|-----------------------------|

COMBINED AIR AND ELECTRICAL STARTING UNITS (DND)

| | |
|------|--|
| CEA1 | AC 120/208v, 60 kva, 400 Hz, 3 phase DC 28v, 75 amp AIR 112.5 lb/min, 47 psig |
|------|--|

ELECTRICAL STARTING UNITS (OTHER)

| | |
|----------------|--|
| C-26 | 28v 45kw 115-200v 15kw 380-800 Hz 1 phase 2 wire |
| C-26-B, C-26-C | 28v 45kw: Split Bus: 115-200v 15kw 380-800 Hz 1 phase 2 wire |
| E3 | DC 28v/10kw |

AIR STARTING UNITS (OTHER):

| | |
|------|--|
| A4 | 40 psi/2 lb/sec (LPAS Mk12, Mk12L, Mk12A, Mk1, Mk2B) |
| MA-1 | 150 Air HP, 115 lb/min 50 psia |
| MA-2 | 250 Air HP, 150 lb/min 75 psia |

CARTRIDGE:

| | |
|--------|------|
| MXU-4A | USAF |
|--------|------|

FUEL—MILITARY

Fuel available through US Military Base supply, DESC Into-Plane Contracts and/or reciprocal agreement is listed first and is followed by (Mil). At commercial airports where Into-Plane contracts are in place, the name of the refueling agent is shown. Military fuel should be used first if it is available. When military fuel cannot be obtained but Into-Plane contract fuel is available, Government aircraft must refuel with the contract fuel and applicable refueling agent to avoid any breach in contract terms and conditions. Fuel not available through the above is shown preceded by NC (no contract). When fuel is obtained from NC sources, local purchase procedures must be followed. The US Military Aircraft Identaplates DD Form 1896 (Jet Fuel), DD Form 1897 (Avgas) and AF Form 1245 (Avgas) are used at military installations only. The US Government Aviation Into-Plane Reimbursement (AIR) Card (currently issued by AVCARD) is the instrument to be used to obtain fuel under a DESC Into-Plane Contract and for NC purchases if the refueling agent at the commercial airport accepts the AVCARD. A current list of contract fuel locations is available online at https://cis.energy.dla.mil/ip_cis/. See legend item 14 for fuel code and description.

SUPPORTING FLUIDS AND SYSTEMS—MILITARY**CODE**

| | |
|---------|---|
| ADI | Anti-Detonation Injection Fluid—Reciprocating Engine Aircraft. |
| W | Water Thrust Augmentation—Jet Aircraft. |
| WAI | Water-Alcohol Injection Type, Thrust Augmentation—Jet Aircraft. |
| SP | Single Point Refueling. |
| PRESAIR | Air Compressors rated 3,000 PSI or more. |
| De-Ice | Anti-icing/De-icing/Defrosting Fluid (MIL-A-8243). |

OXYGEN:

| | |
|------|--|
| LPOX | Low pressure oxygen servicing. |
| HPOX | High pressure oxygen servicing. |
| LHOX | Low and high pressure oxygen servicing. |
| LOX | Liquid oxygen servicing. |
| OXRB | Oxygen replacement bottles. (Maintained primarily at Naval stations for use in acft where oxygen can be replenished only by replacement of cylinders.) |
| OX | Indicates oxygen servicing when type of servicing is unknown. |

NOTE: Combinations of above items is used to indicate complete oxygen servicing available;

| | |
|--------|---|
| LHOXRB | Low and high pressure oxygen servicing and replacement bottles; |
| LPOXRB | Low pressure oxygen replacement bottles only, etc. |

NOTE: Aircraft will be serviced with oxygen procured under military specifications only. Aircraft will not be serviced with medical oxygen.

NITROGEN:

| | |
|-------|---|
| LPNIT | Low pressure nitrogen servicing. |
| HPNIT | High pressure nitrogen servicing. |
| LHNIT | Low and high pressure nitrogen servicing. |

OIL—MILITARY

US AVIATION OILS (MIL SPECS):

| CODE | GRADE, TYPE |
|-----------|--|
| O-113 | 1065, Reciprocating Engine Oil (MIL-L-6082) |
| O-117 | 1100, Reciprocating Engine Oil (MIL-L-6082) |
| O-117+ | 1100, O-117 plus cyclohexanone (MIL-L-6082) |
| O-123 | 1065, (Dispersant), Reciprocating Engine Oil (MIL-L-22851 Type III) |
| O-128 | 1100, (Dispersant), Reciprocating Engine Oil (MIL-L-22851 Type II) |
| O-132 | 1005, Jet Engine Oil (MIL-L-6081) |
| O-133 | 1010, Jet Engine Oil (MIL-L-6081) |
| O-147 | None, MIL-L-6085A Lubricating Oil, Instrument, Synthetic |
| O-148 | None, MIL-L-7808 (Synthetic Base) Turbine Engine Oil |
| O-149 | None, Aircraft Turbine Engine Synthetic, 7.5c St |
| O-155 | None, MIL-L-6086C, Aircraft, Medium Grade |
| O-156 | None, MIL-L-23699 (Synthetic Base), Turboprop and Turbohaft Engines |
| JOAP/SOAP | Joint Oil Analysis Program. JOAP support is furnished during normal duty hours, other times on request. (JOAP and SOAP programs provide essentially the same service, JOAP is now the standard joint service supported program.) |

TRANSIENT ALERT (TRAN ALERT)—MILITARY

Tran Alert service is considered to include all services required for normal aircraft turn-around, e.g., servicing (fuel, oil, oxygen, etc.), debriefing to determine requirements for maintenance, minor maintenance, inspection and parking assistance of transient aircraft. Drag chute repack, specialized maintenance, or extensive repairs will be provided within the capabilities and priorities of the base. Delays can be anticipated after normal duty hours/holidays/weekends regardless of the hours of transient maintenance operation. Pilots should not expect aircraft to be serviced for TURN-AROUNDS during time periods when servicing or maintenance manpower is not available. In the case of airports not operated exclusively by US military, the servicing indicated by the remarks will not always be available for US military aircraft. When transient alert services are not shown, facilities are unknown. NO PRIORITY BASIS—means that transient alert services will be provided only after all the requirements for mission/tactical assigned aircraft have been accomplished.

23 AIRPORT REMARKS

The Attendance Schedule is the months, days and hours the airport is actually attended. Airport attendance does not mean watchman duties or telephone accessibility, but rather an attendant or operator on duty to provide at least minimum services (e.g., repairs, fuel, transportation).

Airport Remarks have been grouped in order of applicability. Airport remarks are limited to those items of information that are determined essential for operational use, i.e., conditions of a permanent or indefinite nature and conditions that will remain in effect for more than 30 days concerning aeronautical facilities, services, maintenance available, procedures or hazards, knowledge of which is essential for safe and efficient operation of aircraft. Information concerning permanent closing of a runway or taxiway will not be shown. A note "See Special Notices" shall be applied within this remarks section when a special notice applicable to the entry is contained in the Special Notices section of this publication.

Parachute Jumping indicates parachute jumping areas associated with the airport. See Parachute Jumping Area section of this publication for additional Information.

Landing Fee indicates landing charges for private or non-revenue producing aircraft. In addition, fees may be charged for planes that remain over a couple of hours and buy no services, or at major airline terminals for all aircraft.

Note: Unless otherwise stated, remarks including runway ends refer to the runway's approach end.

24 MILITARY REMARKS

Joint Civil/Military airports contain both Airport Remarks and Military Remarks. Military Remarks published for these airports are applicable only to the military. Military and joint Military/Civil airports contain only Military Remarks. Remarks contained in this section may not be applicable to civil users. When both sets of remarks exist, the first set is applicable to the primary operator of the airport. Remarks applicable to a tenant on the airport are shown preceded by the tenant organization, i.e., (A) (AF) (N) (ANG), etc. Military airports operate 24 hours unless otherwise specified. Military operating hours are listed first (airport operating hours will only be listed if they are different than the airport attended hours or if the attended hours are unavailable) followed by pertinent remarks in order of applicability. Remarks will include information on restrictions, hazards, traffic pattern, noise abatement, customs/agriculture/immigration, and miscellaneous information applicable to the Military.

Type of restrictions:

CLOSED: When designated closed, the airport is restricted from use by all aircraft unless stated otherwise. Any closure applying to specific type of aircraft or operation will be so stated. USN/USMC/USAF airports are considered closed during non-operating hours. Closed airports may be utilized during an emergency provided there is a safe landing area.

OFFICIAL BUSINESS ONLY: The airfield is closed to all transient military aircraft for obtaining routine services such as fueling, passenger drop off or pickup, practice approaches, parking, etc. The airfield may be used by aircrews and aircraft if official government business (including civilian) must be conducted on or near the airfield and prior permission is received from the airfield manager.

AF OFFICIAL BUSINESS ONLY OR NAVY OFFICIAL BUSINESS ONLY: Indicates that the restriction applies only to service indicated.

PRIOR PERMISSION REQUIRED (PPR): Airport is closed to transient aircraft unless approval for operation is obtained from the appropriate commander through Chief, Airfield Management or Airfield Operations Officer. Official Business or PPR does not preclude the use of US Military airports as an alternate for IFR flights. If a non-US military airport is used as a weather alternate and requires a PPR, the PPR must be requested and confirmed before the flight departs. The purpose of PPR is to control volume and flow of traffic rather than to prohibit it. Prior permission is required for all aircraft requiring transient alert service outside the published transient alert duty hours. All aircraft carrying hazardous materials must obtain prior permission as outlined in AFJI 11-204, AR 95-27, OPNAVINST 3710.7.

Note: OFFICIAL BUSINESS ONLY AND PPR restrictions are not applicable to Special Air Mission (SAM) or Special Air Resource (SPAR) aircraft providing person or persons on board are designated Code 6 or higher as explained in AFJMAN 11-213, AR 95-11, OPNAVINST 3722-8J. Official Business Only or PPR do not preclude the use of the airport as an alternate for IFR flights.

25 AIRPORT MANAGER

The phone number of the airport manager.

26 WEATHER DATA SOURCES

Weather data sources will be listed alphabetically followed by their assigned frequencies and/or telephone number and hours of operation.

ASOS—Automated Surface Observing System. Reports the same as an AWOS-3 plus precipitation identification and intensity, and freezing rain occurrence;

AWOS—Automated Weather Observing System

AWOS-A—reports altimeter setting (all other information is advisory only).

AWOS-AV—reports altimeter and visibility.

AWOS-1—reports altimeter setting, wind data and usually temperature, dew point and density altitude.

AWOS-2—reports the same as AWOS-1 plus visibility.

AWOS-3—reports the same as AWOS-1 plus visibility and cloud/ceiling data.

AWOS-3P reports the same as the AWOS-3 system, plus a precipitation identification sensor.

AWOS-3PT reports the same as the AWOS-3 system, plus precipitation identification sensor and a thunderstorm/lightning reporting capability.

AWOS-3T reports the same as AWOS-3 system and includes a thunderstorm/lightning reporting capability.

See AIM, Basic Flight Information and ATC Procedures for detailed description of Weather Data Sources.

AWOS-4—reports same as AWOS-3 system, plus precipitation occurrence, type and accumulation, freezing rain, thunderstorm and runway surface sensors.

HIWAS—See RADIO AIDS TO NAVIGATION

LAWRS—Limited Aviation Weather Reporting Station where observers report cloud height, weather, obstructions to vision, temperature and dewpoint (in most cases), surface wind, altimeter and pertinent remarks.

LLWAS—indicates a Low Level Wind Shear Alert System consisting of a center field and several field perimeter anemometers.

SAWRS—identifies airports that have a Supplemental Aviation Weather Reporting Station available to pilots for current weather information.

SWSL—Supplemental Weather Service Location providing current local weather information via radio and telephone.

TDWR—indicates airports that have Terminal Doppler Weather Radar.

WSP—indicates airports that have Weather System Processor.

When the automated weather source is broadcast over an associated airport NAVAID frequency (see NAVAID line), it shall be indicated by a bold ASOS, AWOS, or HIWAS followed by the frequency, identifier and phone number, if available.

27 COMMUNICATIONS

Airport terminal control facilities and radio communications associated with the airport shall be shown. When the call sign is not the same as the airport name the call sign will be shown. Frequencies shall normally be shown in descending order with the primary frequency listed first. Frequencies will be listed, together with sectorization indicated by outbound radials, and hours of operation. Communications will be listed in sequence as follows:

Single Frequency Approach (SFA), Common Traffic Advisory Frequency (CTAF), Aeronautical Advisory Stations (UNICOM) or (AUNICOM), and Automatic Terminal Information Service (ATIS) along with their frequency is shown, where available, on the line following the heading "COMMUNICATIONS." When the CTAF and UNICOM frequencies are the same, the frequency will be shown as CTAF/UNICOM 122.8.

The FSS telephone nationwide is toll free 1-800-WX-BRIEF (1-800-992-7433). When the FSS is located on the field it will be indicated as "on arpt". Frequencies available at the FSS will follow in descending order. Remote Communications Outlet (RCO) providing service to the airport followed by the frequency and FSS RADIO name will be shown when available. FSS's provide information on airport conditions, radio aids and other facilities, and process flight plans. Airport Advisory Service (AAS) is provided on the CTAF by FSS's for select non-tower airports or airports where the tower is not in operation.

(See AIM, Para 4-1-9 Traffic Advisory Practices at Airports Without Operating Control Towers or AC 90-42C.)

Aviation weather briefing service is provided by FSS specialists. Flight and weather briefing services are also available by calling the telephone numbers listed.

Remote Communications Outlet (RCO)—An unmanned air/ground communications facility that is remotely controlled and provides UHF or VHF communications capability to extend the service range of an FSS.

Civil Communications Frequencies—Civil communications frequencies used in the FSS air/ground system are operated on 122.0, 122.2, 123.6; emergency 121.5; plus receive-only on 122.1.

- a. 122.0 is assigned as the Enroute Flight Advisory Service frequency at selected FSS RADIO outlets.
- b. 122.2 is assigned as a common enroute frequency.
- c. 123.6 is assigned as the airport advisory frequency at select non-tower locations. At airports with a tower, FSS may provide airport advisories on the tower frequency when tower is closed.
- d. 122.1 is the primary receive-only frequency at VOR's.
- e. Some FSS's are assigned 50 kHz frequencies in the 122-126 MHz band (eg. 122.45). Pilots using the FSS A/G system should refer to this directory or appropriate charts to determine frequencies available at the FSS or remoted facility through which they wish to communicate.

Emergency frequency 121.5 and 243.0 are available at all Flight Service Stations, most Towers, Approach Control and RADAR facilities.

Frequencies published followed by the letter "T" or "R", indicate that the facility will only transmit or receive respectively on that frequency. All radio aids to navigation (NAVAID) frequencies are transmit only. In cases where communications frequencies are annotated with (R) or (E), (R) indicates Radar Capability and (E) indicates Emergency Frequency.

TERMINAL SERVICES

SFA—Single Frequency Approach.

CTAF—A program designed to get all vehicles and aircraft at airports without an operating control tower on a common frequency.

ATIS—A continuous broadcast of recorded non-control information in selected terminal areas.

D-ATIS—Digital ATIS provides ATIS information in text form outside the standard reception range of conventional ATIS via landline & data link communications and voice message within range of existing transmitters.

AUNICOM—Automated UNICOM is a computerized, command response system that provides automated weather, radio check capability and airport advisory information selected from an automated menu by microphone clicks.

UNICOM—A non-government air/ground radio communications facility which may provide airport information.

PTD—Pilot to Dispatcher.

APP CON—Approach Control. The symbol **Ⓡ** indicates radar approach control.

TOWER—Control tower.

GCA—Ground Control Approach System.

GND CON—Ground Control.

GCO—Ground Communication Outlet—An unstaffed, remotely controlled, ground/ground communications facility. Pilots at uncontrolled airports may contact ATC and FSS via VHF to a telephone connection to obtain an instrument clearance or close a VFR or IFR flight plan. They may also get an updated weather briefing prior to takeoff. Pilots will use four “key clicks” on the VHF radio to contact the appropriate ATC facility or six “key clicks” to contact the FSS. The GCO system is intended to be used only on the ground.

DEP CON—Departure Control. The symbol **Ⓡ** indicates radar departure control.

CLNC DEL—Clearance Delivery.

CPDLC—Controller Pilot Data Link Communication. FANS ATC data communication capability from the aircraft to the ATC Data Link system.

PRE TAXI CLNC—Pre taxi clearance.

VFR ADVSY SVC—VFR Advisory Service. Service provided by Non-Radar Approach Control. Advisory Service for VFR aircraft (upon a workload basis) ctc APP CON.

COMD POST—Command Post followed by the operator call sign in parenthesis.

PMSV—Pilot-to-Metro Service call sign, frequency and hours of operation, when full service is other than continuous. PMSV installations at which weather observation service is available shall be indicated, following the frequency and/or hours of operation as “Wx obsn svc 1900-0000Z” or “other times” may be used when no specific time is given. PMSV facilities manned by forecasters are considered “Full Service”. PMSV facilities manned by weather observers are listed as “Limited Service”.

OPS—Operations followed by the operator call sign in parenthesis.

CON

RANGE

FLT FLW—Flight Following

MEDIVAC

NOTE: Communication frequencies followed by the letter “X” indicate frequency available on request.

Ⓣ AIRSPACE

Information concerning Class B, C, and part-time D and E surface area airspace shall be published with effective times, if available.

CLASS B—Radar Sequencing and Separation Service for all aircraft in CLASS B airspace.

CLASS C—Separation between IFR and VFR aircraft and sequencing of VFR arrivals to the primary airport.

TRSA—Radar Sequencing and Separation Service for participating VFR Aircraft within a Terminal Radar Service Area.

Class C, D, and E airspace described in this publication is that airspace usually consisting of a 5 NM radius core surface area that begins at the surface and extends upward to an altitude above the airport elevation (charted in MSL for Class C and Class D).

Class E surface airspace normally extends from the surface up to but not including the overlying controlled airspace.

When part-time Class C or Class D airspace defaults to Class E, the core surface area becomes Class E. This will be formatted as:

AIRSPACE: CLASS C svc “times” ctc **APP CON** other times CLASS E:

or

AIRSPACE: CLASS D svc “times” other times CLASS E.

When a part-time Class C, Class D or Class E surface area defaults to Class G, the core surface area becomes Class G up to, but not including, the overlying controlled airspace. Normally, the overlying controlled airspace is Class E airspace beginning at either 700’ or 1200’ AGL and may be determined by consulting the relevant VFR Sectional or Terminal Area Charts. This will be formatted as:

AIRSPACE: CLASS C svc “times” ctc **APP CON** other times CLASS G, with CLASS E 700’ (or 1200’) AGL & abv:

or

AIRSPACE: CLASS D svc “times” other times CLASS G with CLASS E 700’ (or 1200’) AGL & abv:

or

AIRSPACE: CLASS E svc “times” other times CLASS G with CLASS E 700’ (or 1200’) AGL & abv.

NOTE: AIRSPACE SVC “TIMES” INCLUDE ALL ASSOCIATED ARRIVAL EXTENSIONS. Surface area arrival extensions for instrument approach procedures become part of the primary core surface area. These extensions may be either Class D or Class E airspace and are effective concurrent with the times of the primary core surface area. For example, when a part-time Class C, Class D or Class E surface area defaults to Class G, the associated arrival extensions will default to Class G at the same time. When a part-time Class C or Class D surface area defaults to Class E, the arrival extensions will remain in effect as Class E airspace.

NOTE: CLASS E AIRSPACE EXTENDING UPWARD FROM 700 FEET OR MORE ABOVE THE SURFACE, DESIGNATED IN CONJUNCTION WITH AN AIRPORT WITH AN APPROVED INSTRUMENT PROCEDURE.

Class E 700’ AGL (shown as magenta vignette on sectional charts) and 1200’ AGL (blue vignette) areas are designated when necessary to provide controlled airspace for transitioning to/from the terminal and enroute environments. Unless otherwise specified, these 700’/1200’ AGL Class E airspace areas remain in effect continuously, regardless of airport operating hours or surface area status. These transition areas should not be confused with surface areas or arrival extensions.

(See Chapter 3, AIRSPACE, in the Aeronautical Information Manual for further details)

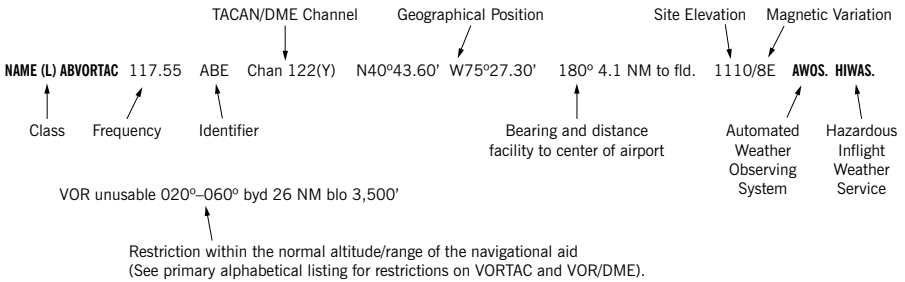
29 VOR TEST FACILITY (VOT)

The VOT transmits a signal which provided users a convenient means to determine the operational status and accuracy of an aircraft VOR receiver while on the ground. Ground based VOTs and the associated frequency shall be shown when available. VOTs are also shown with identifier, frequency and referenced remarks in the VOR Receiver Check section in the back of this publication.

30 RADIO AIDS TO NAVIGATION

The Airport/Facility Directory section of the Chart Supplement lists, by facility name, all Radio Aids to Navigation that appear on FAA, Aeronautical Information Services Visual or IFR Aeronautical Charts and those upon which the FAA has approved an Instrument Approach Procedure, with exception of selected TACANs. All VOR, VORTAC, TACAN and ILS equipment in the National Airspace System has an automatic monitoring and shutdown feature in the event of malfunction. Unmonitored, as used in this publication, for any navigational aid, means that monitoring personnel cannot observe the malfunction or shutdown signal. The NAVAID NOTAM file identifier will be shown as "NOTAM FILE IAD" and will be listed on the Radio Aids to Navigation line. When two or more NAVAIDS are listed and the NOTAM file identifier is different from that shown on the Radio Aids to Navigation line, it will be shown with the NAVAID listing. NOTAM file identifiers for ILSs and its components (e.g., NDB (LOM) are the same as the associated airports and are not repeated. Automated Surface Observing System (ASOS), Automated Weather Observing System (AWOS), and Hazardous Inflight Weather Advisory Service (HIWAS) will be shown when this service is broadcast over selected NAVAIDS.

NAVAID information is tabulated as indicated in the following sample:



Note: Those DME channel numbers with a (Y) suffix require TACAN to be placed in the "Y" mode to receive distance information.

HIWAS—Hazardous Inflight Weather Advisory Service is a continuous broadcast of inflight weather advisories including summarized SIGMETs, convective SIGMETs, AIRMETs and urgent PIREPs. HIWAS is presently broadcast over selected VOR's throughout the U.S.

ASR/PAR—Indicates that Surveillance (ASR) or Precision (PAR) radar instrument approach minimums are published in the U.S. Terminal Procedures. Only part-time hours of operation will be shown.

AIRPORT/FACILITY DIRECTORY LEGEND

27

RADIO CLASS DESIGNATIONS

VOR/DME/TACAN Standard Service Volume (SSV) Classifications

| <u>SSV Class</u> | <u>Altitudes</u> | <u>Distance (NM)</u> |
|-------------------|--------------------|----------------------|
| (T) Terminal | 1000' to 12,000' | 25 |
| (L) Low Altitude | 1000' to 18,000' | 40 |
| (H) High Altitude | 1000' to 14,500' | 40 |
| | 14,500' to 18,000' | 100 |
| | 18,000' to 45,000' | 130 |
| | 45,000' to 60,000' | 100 |

NOTE: Additionally, (H) facilities provide (L) and (T) service volume and (L) facilities provide (T) service. Altitudes are with respect to the station's site elevation. Coverage is not available in a cone of airspace directly above the facility.

The term VOR is, operationally, a general term covering the VHF omnidirectional bearing type of facility without regard to the fact that the power, the frequency protected service volume, the equipment configuration, and operational requirements may vary between facilities at different locations.

| | |
|---------------|--|
| AB _____ | Automatic Weather Broadcast. |
| DF _____ | Direction Finding Service. |
| DME _____ | UHF standard (TACAN compatible) distance measuring equipment. |
| DME(Y) _____ | UHF standard (TACAN compatible) distance measuring equipment that require TACAN to be placed in the "Y" mode to receive DME. |
| GS _____ | Glide slope. |
| H _____ | Non-directional radio beacon (homing), power 50 watts to less than 2,000 watts (50 NM at all altitudes). |
| HH _____ | Non-directional radio beacon (homing), power 2,000 watts or more (75 NM at all altitudes). |
| H-SAB _____ | Non-directional radio beacons providing automatic transcribed weather service. |
| ILS _____ | Instrument Landing System (voice, where available, on localizer channel). |
| IM _____ | Inner marker. |
| LDA _____ | Localizer Directional Aid. |
| LMM _____ | Compass locator station when installed at middle marker site (15 NM at all altitudes). |
| LOM _____ | Compass locator station when installed at outer marker site (15 NM at all altitudes). |
| MH _____ | Non-directional radio beacon (homing) power less than 50 watts (25 NM at all altitudes). |
| MM _____ | Middle marker. |
| OM _____ | Outer marker. |
| S _____ | Simultaneous range homing signal and/or voice. |
| SABH _____ | Non-directional radio beacon not authorized for IFR or ATC. Provides automatic weather broadcasts. |
| SDF _____ | Simplified Direction Facility. |
| TACAN _____ | UHF navigational facility--omnidirectional course and distance information. |
| VOR _____ | VHF navigational facility--omnidirectional course only. |
| VOR/DME _____ | Collocated VOR navigational facility and UHF standard distance measuring equipment. |
| VORTAC _____ | Collocated VOR and TACAN navigational facilities. |
| W _____ | Without voice on radio facility frequency. |
| Z _____ | VHF station location marker at a LF radio facility. |

AIRPORT/FACILITY DIRECTORY LEGEND

ILS FACILITY PERFORMANCE CLASSIFICATION CODES

Codes define the ability of an ILS to support autoland operations. The two portions of the code represent Official Category and farthest point along a Category I, II, or III approach that the Localizer meets Category III structure tolerances.

Official Category: I, II, or III; the lowest minima on published or unpublished procedures supported by the ILS.

Farthest point of satisfactory Category III Localizer performance for Category I, II, or III approaches: A – 4 NM prior to runway threshold, B – 3500 ft prior to runway threshold, C – glide angle dependent but generally 750–1000 ft prior to threshold, T – runway threshold, D – 3000 ft after runway threshold, and E – 2000 ft prior to stop end of runway.

ILS information is tabulated as indicated in the following sample:

ILS/DME 108.5 I-ORL Chan 22 Rwy 18. Class IIE. LOM HERNY NDB.

ILS Facility Performance
Classification Code

FREQUENCY PAIRING TABLE

| VHF FREQUENCY | TACAN CHANNEL | VHF FREQUENCY | TACAN CHANNEL | VHF FREQUENCY | TACAN CHANNEL | VHF FREQUENCY | TACAN CHANNEL |
|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 108.10 | 18X | 108.55 | 22Y | 111.05 | 47Y | 114.85 | 95Y |
| 108.30 | 20X | 108.65 | 23Y | 111.15 | 48Y | 114.95 | 96Y |
| 108.50 | 22X | 108.75 | 24Y | 111.25 | 49Y | 115.05 | 97Y |
| 108.70 | 24X | 108.85 | 25Y | 111.35 | 50Y | 115.15 | 98Y |
| 108.90 | 26X | 108.95 | 26Y | 111.45 | 51Y | 115.25 | 99Y |
| 109.10 | 28X | 109.05 | 27Y | 111.55 | 52Y | 115.35 | 100Y |
| 109.30 | 30X | 109.15 | 28Y | 111.65 | 53Y | 115.45 | 101Y |
| 109.50 | 32X | 109.25 | 29Y | 111.75 | 54Y | 115.55 | 102Y |
| 109.70 | 34X | 109.35 | 30Y | 111.85 | 55Y | 115.65 | 103Y |
| 109.90 | 36X | 109.45 | 31Y | 111.95 | 56Y | 115.75 | 104Y |
| 110.10 | 38X | 109.55 | 32Y | 113.35 | 80Y | 115.85 | 105Y |
| 110.30 | 40X | 109.65 | 33Y | 113.45 | 81Y | 115.95 | 106Y |
| 110.50 | 42X | 109.75 | 34Y | 113.55 | 82Y | 116.05 | 107Y |
| 110.70 | 44X | 109.85 | 35Y | 113.65 | 83Y | 116.15 | 108Y |
| 110.90 | 46X | 109.95 | 36Y | 113.75 | 84Y | 116.25 | 109Y |
| 111.10 | 48X | 110.05 | 37Y | 113.85 | 85Y | 116.35 | 110Y |
| 111.30 | 50X | 110.15 | 38Y | 113.95 | 86Y | 116.45 | 111Y |
| 111.50 | 52X | 110.25 | 39Y | 114.05 | 87Y | 116.55 | 112Y |
| 111.70 | 54X | 110.35 | 40Y | 114.15 | 88Y | 116.65 | 113Y |
| 111.90 | 56X | 110.45 | 41Y | 114.25 | 89Y | 116.75 | 114Y |
| 108.05 | 17Y | 110.55 | 42Y | 114.35 | 90Y | 116.85 | 115Y |
| 108.15 | 18Y | 110.65 | 43Y | 114.45 | 91Y | 116.95 | 116Y |
| 108.25 | 19Y | 110.75 | 44Y | 114.55 | 92Y | 117.05 | 117Y |
| 108.35 | 20Y | 110.85 | 45Y | 114.65 | 93Y | 117.15 | 118Y |
| 108.45 | 21Y | 110.95 | 46Y | 114.75 | 94Y | 117.25 | 119Y |

FREQUENCY PAIRING TABLE

The following is a list of paired VOR/ILS VHF frequencies with TACAN channels.

| TACAN CHANNEL | VHF FREQUENCY | TACAN CHANNEL | VHF FREQUENCY | TACAN CHANNEL | VHF FREQUENCY | TACAN CHANNEL | VHF FREQUENCY |
|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 2X | 134.5 | 25X | 108.80 | 36X | 109.90 | 47X | 111.00 |
| 2Y | 134.55 | 25Y | 108.85 | 36Y | 109.95 | 47Y | 111.05 |
| 11X | 135.4 | 26X | 108.90 | 37X | 110.00 | 48X | 111.10 |
| 11Y | 135.45 | 26Y | 108.95 | 37Y | 110.05 | 48Y | 111.15 |
| 12X | 135.5 | 27X | 109.00 | 38X | 110.10 | 49X | 111.20 |
| 12Y | 135.55 | 27Y | 109.05 | 38Y | 110.15 | 49Y | 111.25 |
| 17X | 108.00 | 28X | 109.10 | 39X | 110.20 | 50X | 111.30 |
| 17Y | 108.05 | 28Y | 109.15 | 39Y | 110.25 | 50Y | 111.35 |
| 18X | 108.10 | 29X | 109.20 | 40X | 110.30 | 51X | 111.40 |
| 18Y | 108.15 | 29Y | 109.25 | 40Y | 110.35 | 51Y | 111.45 |
| 19X | 108.20 | 30X | 109.30 | 41X | 110.40 | 52X | 111.50 |
| 19Y | 108.25 | 30Y | 109.35 | 41Y | 110.45 | 52Y | 111.55 |
| 20X | 108.30 | 31X | 109.40 | 42X | 110.50 | 53X | 111.60 |
| 20Y | 108.35 | 31Y | 109.45 | 42Y | 110.55 | 53Y | 111.65 |
| 21X | 108.40 | 32X | 109.50 | 43X | 110.60 | 54X | 111.70 |
| 21Y | 108.45 | 32Y | 109.55 | 43Y | 110.65 | 54Y | 111.75 |
| 22X | 108.50 | 33X | 109.60 | 44X | 110.70 | 55X | 111.80 |
| 22Y | 108.55 | 33Y | 109.65 | 44Y | 110.75 | 55Y | 111.85 |
| 23X | 108.60 | 34X | 109.70 | 45X | 110.80 | 56X | 111.90 |
| 23Y | 108.65 | 34Y | 109.75 | 45Y | 110.85 | 56Y | 111.95 |
| 24X | 108.70 | 35X | 109.80 | 46X | 110.90 | 57X | 112.00 |
| 24Y | 108.75 | 35Y | 109.85 | 46Y | 110.95 | 57Y | 112.05 |

| TACAN CHANNEL | VHF FREQUENCY | TACAN CHANNEL | VHF FREQUENCY | TACAN CHANNEL | VHF FREQUENCY | TACAN CHANNEL | VHF FREQUENCY |
|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 58X | 112.10 | 77X | 113.00 | 96X | 114.90 | 115X | 116.80 |
| 58Y | 112.15 | 77Y | 113.05 | 96Y | 114.95 | 115Y | 116.85 |
| 59X | 112.20 | 78X | 113.10 | 97X | 115.00 | 116X | 116.90 |
| 59Y | 112.25 | 78Y | 113.15 | 97Y | 115.05 | 116Y | 116.95 |
| 60X | 133.30 | 79X | 113.20 | 98X | 115.10 | 117X | 117.00 |
| 60Y | 133.35 | 79Y | 113.25 | 98Y | 115.15 | 117Y | 117.05 |
| 61X | 133.40 | 80X | 113.30 | 99X | 115.20 | 118X | 117.10 |
| 61Y | 133.45 | 80Y | 113.35 | 99Y | 115.25 | 118Y | 117.15 |
| 62X | 133.50 | 81X | 113.40 | 100X | 115.30 | 119X | 117.20 |
| 62Y | 133.55 | 81Y | 113.45 | 100Y | 115.35 | 119Y | 117.25 |
| 63X | 133.60 | 82X | 113.50 | 101X | 115.40 | 120X | 117.30 |
| 63Y | 133.65 | 82Y | 113.55 | 101Y | 115.45 | 120Y | 117.35 |
| 64X | 133.70 | 83X | 113.60 | 102X | 115.50 | 121X | 117.40 |
| 64Y | 133.75 | 83Y | 113.65 | 102Y | 115.55 | 121Y | 117.45 |
| 65X | 133.80 | 84X | 113.70 | 103X | 115.60 | 122X | 117.50 |
| 65Y | 133.85 | 84Y | 113.75 | 103Y | 115.65 | 122Y | 117.55 |
| 66X | 133.90 | 85X | 113.80 | 104X | 115.70 | 123X | 117.60 |
| 66Y | 133.95 | 85Y | 113.85 | 104Y | 115.75 | 123Y | 117.65 |
| 67X | 134.00 | 86X | 113.90 | 105X | 115.80 | 124X | 117.70 |
| 67Y | 134.05 | 86Y | 113.95 | 105Y | 115.85 | 124Y | 117.75 |
| 68X | 134.10 | 87X | 114.00 | 106X | 115.90 | 125X | 117.80 |
| 68Y | 134.15 | 87Y | 114.05 | 106Y | 115.95 | 125Y | 117.85 |
| 69X | 134.20 | 88X | 114.10 | 107X | 116.00 | 126X | 117.90 |
| 69Y | 134.25 | 88Y | 114.15 | 107Y | 116.05 | 126Y | 117.95 |
| 70X | 112.30 | 89X | 114.20 | 108X | 116.10 | | |
| 70Y | 112.35 | 89Y | 114.25 | 108Y | 116.15 | | |
| 71X | 112.40 | 90X | 114.30 | 109X | 116.20 | | |
| 71Y | 112.45 | 90Y | 114.35 | 109Y | 116.25 | | |
| 72X | 112.50 | 91X | 114.40 | 110X | 116.30 | | |
| 72Y | 112.55 | 91Y | 114.45 | 110Y | 116.35 | | |
| 73X | 112.60 | 92X | 114.50 | 111X | 116.40 | | |
| 73Y | 112.65 | 92Y | 114.55 | 111Y | 116.45 | | |
| 74X | 112.70 | 93X | 114.60 | 112X | 116.50 | | |
| 74Y | 112.75 | 93Y | 114.65 | 112Y | 116.55 | | |
| 75X | 112.80 | 94X | 114.70 | 113X | 116.60 | | |
| 75Y | 112.85 | 94Y | 114.75 | 113Y | 116.65 | | |
| 76X | 112.90 | 95X | 114.80 | 114X | 116.70 | | |
| 76Y | 112.95 | 95Y | 114.85 | 114Y | 116.75 | | |

31 COMM/NAV/WEATHER REMARKS: These remarks consist of pertinent information affecting the current status of communications, NAVAIDs, weather, and in the absence of air-ground radio outlets identified in the Communications section some approach control facilities will have a clearance delivery phone number listed here.

AJO

ERIC MARCUS MUNI (PØ1) 5 N UTC-7 N32°27.17' W112°51.69'

PHOENIX
L-5B

1458 B NOTAM FILE PRC

RWY 12-30: H3800X60 (ASPH) S-12 MIRL

RWY 12: PAPI(P2L). TCH 40'.

RWY 30: PAPI(P2L). TCH 40'.

SERVICE: LGT MIRL Rwy 12-30, PAPI Rwy 12 and Rwy 30 preset low ints SS-SR, to increase ints ACTIVATE—CTAF.

AIRPORT REMARKS: Unattended. Mountains in all quadrants. Livestock on or invof arpt. 4' dike 1340' from thld Rwy 30. Rwy 12-30 asph and grvl stopway 1400' NW end, 1065' stopway SE end, asph broken up and brush growing on stopways. Acft ramp has 6'-10' raised panels across ramp 70' in front of T-hangars and marked with paint. Heavy military jet traffic in vicinity of airport. NOTE: See Special Notices—Restricted Area R-2305, Gila Bend, Arizona Transit Information.

AIRPORT MANAGER: (520) 724-6462

COMMUNICATIONS: CTAF 122.9

AJO RCO 122.65 (PRESCOTT RADIO)

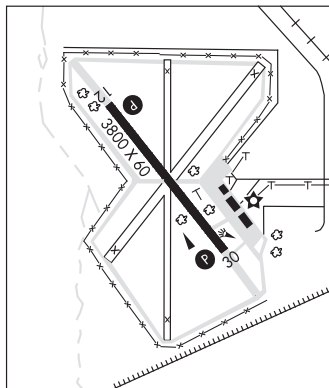
RADIO AIDS TO NAVIGATION: NOTAM FILE PRC.

GILA BEND (H) VORTAC 116.6 GBN Chan 113 N32°57.38'

W112°40.46' 184° 31.6 NM to fld. 790/14E.

TACAN AZIMUTH unusable:

360°-010° byd 25 NM



AK-CHIN RGNL (See MARICOPA on page 54)

AVI SUQUILLA (See PARKER on page 57)

BAGDAD (E51) 2 NE UTC-7 N34°35.57' W113°10.32'

PHOENIX
L-8F

4196 NOTAM FILE PRC

RWY 05-23: H4552X60 (ASPH) S-4

RWY 05: Fence.

RWY 23: Fence.

AIRPORT REMARKS: Unattended. Arpt located on mesa. Unusual air currents invof arpt, especially AER 23.

AIRPORT MANAGER: 928-771-3183

COMMUNICATIONS: CTAF 122.9

RCO 122.5 (PRESCOTT RADIO)

RADIO AIDS TO NAVIGATION: NOTAM FILE PRC.

DRAKE (H) VORTACW 114.1 DRK Chan 88 N34°42.15'

W112°28.82' 245° 34.9 NM to fld. 4967/14E.

VOR/DME & TACAN AZIMUTH unusable:

055°-080° byd 29 NM blo 9,300'

125°-140° byd 35 NM blo 8,500'

140°-160° byd 30 NM blo 9,500'

160°-175° byd 35 NM blo 9,500'

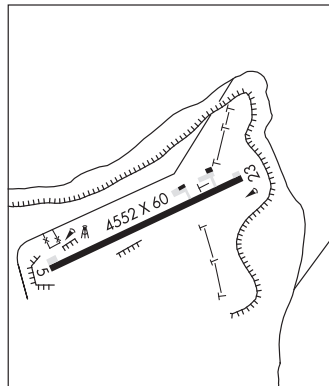
175°-185° byd 30 NM blo 9,500'

185°-195° byd 23 NM blo 9,100'

195°-220° byd 13 NM blo 9,100'

220°-235° byd 25 NM blo 9,100'

265°-275° byd 30 NM blo 8,800'



BENSON MUNI (E95) 3 NW UTC-7 N31°59.97' W110°21.48'
3831 B NOTAM FILE PRC

PHOENIX
L-5C

RWY 10-28: H4002X75 (ASPH) S-12.5 MIRL 0.7% up W

RWY 10: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Brush.

RWY 28: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Brush.

SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTIVATE MIRL Rwy 10-28—CTAF.

AIRPORT REMARKS: Attended continuously. Livestock on or invof arpt. Erratic wind currents .5 NM from thld when winds are in excess of 10 Kts. Rwy 10 has four 15' ditches both sides of rwy ends and west half of rwy with headwalls 130' south of centerline. Rwy 10, 110' twy extends from rwy thld to west.

AIRPORT MANAGER: 520-586-2245

WEATHER DATA SOURCES: AWOS-3 118.475 (520) 586-4409.

COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE TUS.

TUCSON (H) VORTACW 116.0 TUS Chan 107 N32°05.71' W110°54.89' 089° 29.0 NM to fld. 2671/12E.
HIWAS.

VORTAC unusable:

050°-080° byd 30 NM blo 11,500'

350°-020° byd 30 NM blo 13,000'

TACAN AZIMUTH & DME unusable:

155°-165° byd 35 NM blo 13,000'

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc TUS Apch at 520-829-6121.

BISBEE DOUGLAS INTL (See DOUGLAS BISBEE on page 41)

BISBEE MUNI (P04) 5 SE UTC-7 N31°21.84' W109°52.99'
4780 B TPA—5780(1000) NOTAM FILE PRC

PHOENIX
H-4K, L-5C

RWY 17-35: H5929X60 (ASPH) S-12 MIRL

RWY 17: PAPI(P2L). Road.

RWY 35: PAPI(P2L).

RWY 02-20: 2650X110 (DIRT)

RWY 20: Brush.

SERVICE: **FUEL** 100LL **LGT** Rwy 17 PAPI OTS indef. Rwy 35 PAPI OTS indef. PCL, key 122.8 3 times. Intensity level preset.

AIRPORT REMARKS: Attended continuously. Wildlife on or invof arpt. Fuel 24 hr self svc fuel with major credit card. Gate A and B pilot lounge code—CTAF.

AIRPORT MANAGER: 520-432-6030

COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE DUG.

DOUGLAS (L) VORTACW 108.8 DUG Chan 25 N31°28.36' W109°36.12' 233° 15.8 NM to fld. 4131/13E.

DME & TACAN AZIMUTH unusable:

045°-065° byd 26 NM blo 10,000'

065°-095° byd 28 NM blo 9,500'

355°-010° byd 35 NM blo 11,300'

BUCKEYE MUNI (BXX)(KBXX) 6 NW UTC-7 N33°25.23' W112°41.17'PHOENIX
H-4J, L-5B, A

1033 B TPA—2009(976) NOTAM FILE PRC

RWY 17-35: H5500X75 (ASPH) S-12.5 MIRL 0.7% up N**RWY 17:** PAPI(P2L)—GA 3.13° TCH 40'. Brush. Rgt tfc.**RWY 35:** PAPI(P4L). Brush.**SERVICE:** FUEL 100LL LGT ACTIVATE MIRL Rwy 17-35—CTAF.**AIRPORT REMARKS:** Unattended. Fuel 24 hr credit card svc. Parachute Jumping. Intensive parachute jumping on fld. Wildlife on and invof arprt. Low level jet tfc invof arprt Rwy 17-35 +3' - 15' brush on west side primary sfc 90' from centerline for length of rwy.**AIRPORT MANAGER:** (623) 349-6880**WEATHER DATA SOURCES:** AWOS-3 119.625 (623) 386-7627.**COMMUNICATIONS:** CTAF/UNICOM 122.975**RCO** 122.1R 110.6T (PRESCOTT RADIO)**RADIO AIDS TO NAVIGATION:** NOTAM FILE PRC.**(L) VORTAC** 110.6 BXX Chan 43 N33°27.21'

W112°49.48' 092° 7.2 NM to fld. 1060/14E.

VOR portion unusable:

060°-075° byd 28 NM blo 4,000'

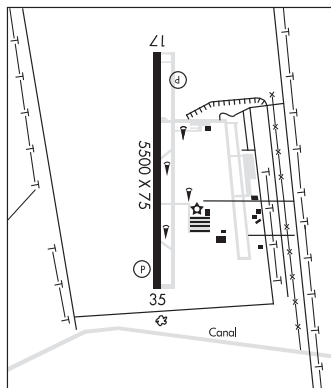
230°-260° byd 35 NM blo 5,000'

280°-320° byd 35 NM blo 7,000'

320°-020° byd 37 NM blo 6,000'

TACAN AZIMUTH & DME unusable:

020°-072° byd 28 NM blo 8,000'

**BULLHEAD CITY****EAGLE AIRPARK** (A09) 12 S UTC-7 N34°53.29' W114°37.00'PHOENIX
L-7E

485 NOTAM FILE PRC

RWY 17-35: H4800X50 (ASPH)**RWY 17:** Thld dsplcd 600'. Bldg. Rgt tfc.**RWY 35:** Thld dsplcd 150'. Brush.**AIRPORT REMARKS:** Attended 1500-2300Z. Parachute Jumping. Extensive agricultural spraying ops on and invof arprt. Rwy 17 and Rwy 35 dsplcd thld arrows NSTD size and type. Rwy 17-35 +6-8' brush along east side of Rwy 17-35 60' from centerline. Rwy 17-35 +3' berm and +10'. Farm road along west side of rwy 40' from centerline for entire length of rwy.**AIRPORT MANAGER:** 928-346-1501**COMMUNICATIONS:** CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE EED.**NEEDLES (H) VORTAC** 115.2 EED Chan 99 N34°45.96' W114°28.45' 301° 10.2 NM to fld. 620/15E. HIWAS.

VORTAC unusable:

100°-130° byd 27 NM blo 6,600'

170°-220° byd 20 NM blo 5,800'

220°-280° byd 35 NM blo 6,800'

TACAN AZIMUTH & DME unusable:

165°-220° byd 20 NM blo 8,000'

165°-220° byd 30 NM blo 12,000'

LAUGHLIN/BULLHEAD INTL (IFP)(KIFP) 1 N UTC-7 N35°09.28' W114°33.56'
 707 B TPA—See Remarks Class I, ARFF Index B NOTAM FILE IFP
RWY 16-34: H8500X150 (ASPH-GRVD) S-75, D-200, 2D-400
 PCN 47 F/B/W/U MIRL

PHOENIX
H-4J, L-7E
IAP, AD

RWY 16: REIL. PAPI(P4L)—GA 3.0° TCH 46'. Pole. Rgt tfc. 0.5% up.
RWY 34: REIL. PAPI(P4L)—GA 3.0° TCH 45'. 1.4% down.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 16: TORA-8500 TODA-8500 ASDA-8500 LDA-8500

RWY 34: TORA-8500 TODA-8500 ASDA-8500 LDA-8500

SERVICE: FUEL 100LL, JET A OX 1, 2 LGT ACTIVATE MIRL Rwy
 16-34; REIL Rwy 16 & Rwy 34—CTAF.

AIRPORT REMARKS: Attended continuously. For services and fuel
 1300-0700Z ctc frequency 122.85, between 0700-1300Z services
 and fuel not avbl. Sfc conditions not monitored 0600-1200Z† daily.
 Birds on and in vicinity of arpt Sep-Dec. Noise sensitive areas
 northeast and southeast of arpt. Twy A4 limited to acft with wingspans
 less than 79'. Twy A5 btn Twy A and general avn apron ltd to acft with
 wingspan less than 79'. Mountains northwest, northeast, east and
 southeast. TPA for light acft 1706(999), TPA for high performance acft
 2206(1499).

AIRPORT MANAGER: 928-754-2134

WEATHER DATA SOURCES: AWOS-3PT 119.825 (928) 754-4462. ATIS

broadcasts during tower hours of operation. after tower hours of operation broadcast will revert to AWOS-3pt using the
 same frequency.

COMMUNICATIONS: CTAF 123.9 ATIS 119.825 (1500-0100Z)

Ⓡ **L.A. CENTER APP/DEP CON** 134.65

BULLHEAD TOWER 123.9 (1500-0100Z) **GND CON** 118.25

L.A. CENTER CLNC DEL 118.25 (when tower closed)

AIRSPACE: CLASS D svc 1500-0100Z other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE EED.

NEEDLES (H) VORTAC 115.2 EED Chan 99 N34°45.96' W114°28.45' 335° 23.7 NM to fld. 620/15E. **HIWAS.**

VORTAC unusable:

100°-130° byd 27 NM blo 6,600'

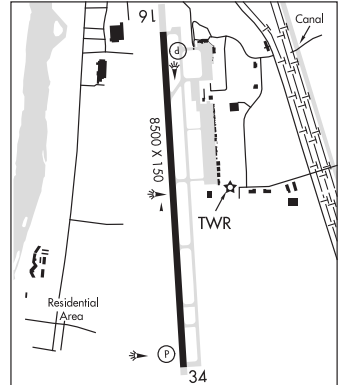
170°-220° byd 20 NM blo 5,800'

220°-280° byd 35 NM blo 6,800'

TACAN AZIMUTH & DME unusable:

165°-220° byd 20 NM blo 8,000'

165°-220° byd 30 NM blo 12,000'



SUN VALLEY (A20) 7 S UTC-7 N35°00.34' W114°33.90'

PHOENIX
L-7E

725 NOTAM FILE PRC

RWY 18-36: H3700X42 (ASPH) LIRL

RWY 18: Road.

RWY 36: NSTD—GA 3.0°. Rgt tfc.

SERVICE: **FUEL** 100LL **LGT** NSTD VASI (red and white lgts like a PAPI) in a single unit located on the left side of rwy set at 3°. **ACTIVATE LIRL** Rwy 18-36—122.975.

AIRPORT REMARKS: Attended 1400-0100Z. 24 hr self svc 100LL with major credit card. All acft tfc stay east of arpt. No straight-in apch and departures. For Noise Abatement procedures: ctc arpt manager 760-315-5096. Rwy 18-36 + 2-6' brush 35' from rwy centerline entire length east side. Shallow drainage swale 25' in length located 40' right of Rwy 36 for entire rwy length. Rwy 18-36 NSTD markings, length and width. Acft tie down fee \$7.00 per night.

AIRPORT MANAGER: 760-315-5096

COMMUNICATIONS: CTAF/UNICOM 122.975

RADIO AIDS TO NAVIGATION: NOTAM FILE EED.

NEEDLES (H) VORTAC 115.2 EED Chan 99 N34°45.96'

W114°28.45' 328° 15.0 NM to fld. 620/15E. **HIWAS.**

VORTAC unusable:

100°-130° byd 27 NM blo 6,600'

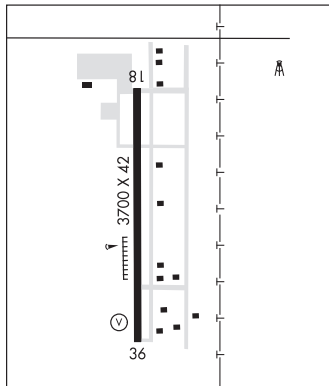
170°-220° byd 20 NM blo 5,800'

220°-280° byd 35 NM blo 6,800'

TACAN AZIMUTH & DME unusable:

165°-220° byd 20 NM blo 8,000'

165°-220° byd 30 NM blo 12,000'



CASA GRANDE MUNI (CGZ)(KCGZ) 5 N UTC-7 N32°57.29' W111°46.01'

PHOENIX
H-4I, L-5B, A
IAP

1464 B TPA—2502(1038) NOTAM FILE CGZ

RWY 05-23: H5200X100 (ASPH) S-18.5, D-65, 2S-82 MIRL

0.3% up NE

RWY 05: MALSR. PAPI(P2R)—GA 3.0° TCH 40'. Road.

RWY 23: PAPI(P2L)—GA 3.0° TCH 40'. Road. Rgt tfc.

SERVICE: S4 **FUEL** 100LL, JET A+ **LGT** ACTIVATE MALSR Rwy 05—CTAF.

AIRPORT REMARKS: Attended Apr-Oct 1300-2300Z, Nov-Mar 1330-2330Z. Fuel 24 hr credit card svc avbl for 100LL only. Jet A avbl after hrs with \$150 call out fee 520-251-3366. Parachute Jumping. Service road within primary surface. Holdlines on all twys connecting to the rwy are set at 280' from rwy centerline. Acft taxiing on Twy B be alert to passing acft holding on the connecting twys.

AIRPORT MANAGER: (520) 421-8625

WEATHER DATA SOURCES: AWOS-3PT 132.175 (520) 836-3392.

COMMUNICATIONS: CTAF/UNICOM 122.7

® ALBUQUERQUE CENTER APP/DEP CON 125.4

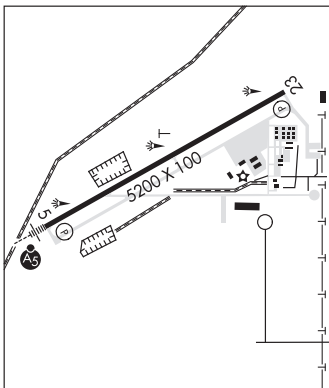
RADIO AIDS TO NAVIGATION: NOTAM FILE PRC.

STANFIELD (H) VORTAC 114.8 TFD Chan 95 N32°53.15'

W111°54.52' 048° 8.3 NM to fld. 1316/12E.

ILS 111.15 I-CGZ Rwy 05. Class IA. LOC only unmonitored

0000-1500Z Mon-Fri and 1900-1700Z Sat. Glideslope unusable for couple apchs blo 1,650' MSL.



CHANDLER

CHANDLER MUNI (CHD)(KCHD) 3 SE UTC-7 N33°16.15' W111°48.67'

PHOENIX
L-5B, A
IAP, AD

1243 B TPA—2200(957) NOTAM FILE CHD

RWY 04R-22L: H4870X75 (ASPH) S-30 MIRL

RWY 04R: REIL. PAPI(P4L)—GA 3.0° TCH 39'. Rgt tfc.

RWY 22L: REIL. PAPI(P4L)—GA 3.0° TCH 45'.

RWY 04L-22R: H4401X75 (ASPH) S-30 MIRL

RWY 04L: PAPI(P4L)—GA 3.5° TCH 40'. Pole.

RWY 22R: PAPI(P4L)—GA 3.0° TCH 40'. Rgt tfc.

SERVICE: S4 **FUEL** 100LL, JET A **OX** 3, 4 **LGT** When twr clsd
ACTIVATE MIRL Rwy 04R-22L and Rwy 04L-22R, PAPI Rwy 04R,
Rwy 22L, Rwy 04L and Rwy 22R, REIL Rwy 04R and Rwy
22L—126.1.

AIRPORT REMARKS: Attended Mon-Fri 1200-0000Z, Sat-Sun
1200-2230Z. Large birds soar all year. Wildlife occasionally crossing
rwy's and twys. Antenna 85' AGL located 1/4 mile north of Rwy 22R.
P-line mono-poles running north to south approximately 1.5 miles
west of arpt, height 135' AGL. Lgt'd. No obstruction lighting on
structures. P-line mono-poles running east to west approximately 1
mile south of arpt, height 135' AGL. No obstruction lgtg on
structures. Twy A not visible to tower between Twy D and Twy F.

Transient helicopter parking on north side by Twy N avbl for parking
or passenger pick-up. Aerobatic practice areas approximately 5 miles
SE of arpt from surface to 3500' AGL. Avoid overflight of high school
2 NM southwest of arpt. Calm wind conditions use Rwy 04L or Rwy 04R.

AIRPORT MANAGER: 480-782-3540

WEATHER DATA SOURCES: AWOS-3PT 128.325 (480) 814-9952.

COMMUNICATIONS: CTAF 126.1 ATIS 128.325 UNICOM 122.95

® **PHOENIX APP/DEP CON** 123.7

TOWER 133.1 Arr S&E, Dep Rwy 04R-22L 126.1 Arr N&W, Dep Rwy 04L-22R. (1300-0400Z)

GND CON 124.4

AIRSPACE: CLASS D svc 1300-0400Z other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE IWA.

WILLIE (L) VORTACW 113.3 IWA Chan 80 N33°18.19' W111°39.09' 243° 8.3 NM to fld. 1366/13E. **HIWAS.**

TACAN AZIMUTH & DME unusable:

020°-055° byd 30 NM blo 12,000'

150°-195° byd 20 NM blo 7,500'

VOR portion unusable:

300°-320° byd 25 NM blo 7,500'

320°-300° byd 20 NM blo 7,500'

NDB (MHW) 407 CHD N33°15.99' W111°48.47' at fld. 1238/12E. NOTAM FILE CHD.

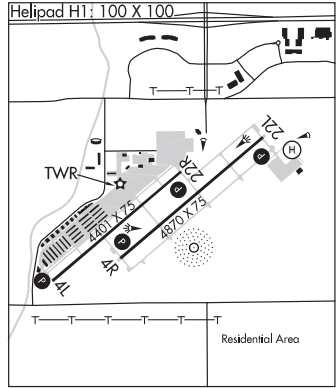
NDB unusable:

020°-070° byd 15 NM

HELIPAD H1: H100X100 (CONC)

HELIPAD H1: PVASI(PSIL)—GA 7.0°.

HELIPORT REMARKS: PVASI to H1 is aligned at 229°.



STELLAR AIRPARK (P19) 3 W UTC-7 N33°17.93' W111°54.93'

1177 B TPA-2000(823) NOTAM FILE PRC

RWY 17-35: H3914X60 (ASPH) MIRL**RWY 17:** REIL. PAPI(P2L)—GA 3.25° TCH 37'. Thld dsplcd 365'. Tree.**RWY 35:** REIL. PAPI(P2R)—GA 3.25° TCH 38'. Thld dsplcd 350'.**SERVICE:** S2 FUEL 100LL LGT ACTIVATE MIRL Rwy 17-35—CTAF.

AIRPORT REMARKS: Unattended. For fuel and tiedown information ctc FBO at (480) 961-9050. Birds on or in/ov arpt. Be alert to numerous no-radio aircraft in/ov arpt. PPR rqrd for acct certificated for 15,000 gross takeoff weight not based at arpt. Training acct touch and go landing prohibited. Helicopter training prohibited. Commercial and student training ops by permit only. Practice instrument approaches in VFR conditions not authorized. Calm wind Rwy 17. All runups on east side runup areas. Avoid over flight of noise sensitive areas west of Rwy 17-35 and north of arpt. Flood irrigation between rwy and twy with standing water up to 1' depth on irregular schedule. Ldg fee charged for all commercial ops.

AIRPORT MANAGER: 480-295-2683**COMMUNICATIONS:** CTAF/UNICOM 122.975Ⓡ **PHOENIX APP/DEP CON** 123.7**RADIO AIDS TO NAVIGATION:** NOTAM FILE PRC.**PHOENIX (H) VORTAC** 115.6 PXR Chan 103 N33°25.98'

W111°58.21' 149° 8.5 NM to fld. 1182/12E.

VOR unusable:

345°-360° byd 33 NM blo 10,000'

TACAN AZIMUTH & DME unusable:

345°-360° byd 33 NM blo 11,000'

VORTAC unusable:

015°-034° byd 33 NM blo 10,000'

090°-100° byd 15 NM blo 8,000'

185°-190° byd 30 NM blo 8,000'

185°-190° byd 38 NM blo 9,000'

190°-230° byd 20 NM blo 10,000'

345°-034° byd 10 NM blo 6,000'

345°-034° byd 20 NM blo 8,000'

360°-015° byd 33 NM blo 11,000'

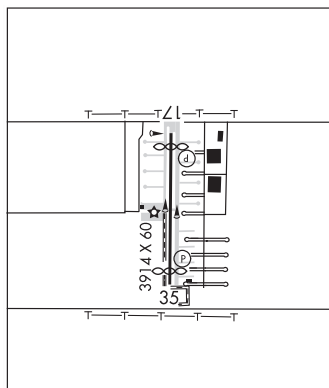
DME unusable:

215°-315°

PHOENIX

L-5B, A

IAP

**CHINLE MUNI** (E91) 3 SW UTC-7 N36°06.56' W109°34.53'

5550 B NOTAM FILE PRC

RWY 18-36: H6902X60 (ASPH) S-12.5 MIRL 0.3% up S**RWY 18:** PAPI(P2L).**RWY 36:** PAPI(P2L).**SERVICE:** LGT ACTIVATE MIRL Rwy 18-36 and PAPI Rwy 18 and Rwy 36—CTAF.

AIRPORT REMARKS: Unattended. Call Navajo Hospital Security at 928-283-2842 to start generator for beacon and rwy lggt at night and during inclement weather. Drive time to arpt is 10 minutes. Rwy 18-36 + 1-6 inch wide longitudinal and transverse cracks entire length. Large cracks and loose aggregate in parking apron.

AIRPORT MANAGER: (928) 551-8596**COMMUNICATIONS:** CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE GUP.**GALLUP (H) VORTAC** 115.1 GUP Chan 98 N35°28.56' W108°52.36' 304° 51.2 NM to fld. 7053/14E.

DENVER

H-4K, L-8H

CIBECUE (Z95) 4 SE UTC-7 N34°00.20' W110°26.65'

5037 NOTAM FILE PRC

RWY 07-25: 4200X100 (GRVL-DIRT)**RWY 07:** Hill.**RWY 25:** Fence.

AIRPORT REMARKS: Unattended. Daytime use only. Firefighting aircraft in/ov arpt April-September. Rwy 25 + 35' tank at end of rwy 200' left of centerline. Rwy 07-25 loose rock, some ruts and brush. Mountain Ridges N and E of arpt. Small hills either side of Rwy 07 and S side of Rwy 25. Preferred landing Rwy 07 and tkf Rwy 25. 1.5%-2% upslope to the northeast.

AIRPORT MANAGER: 928-338-4346**COMMUNICATIONS:** CTAF 122.9

PHOENIX

CLIFTON**DOUBLE CIRCLE RANCH** (Z66) UTC-7 N33°20.43' W109°29.67'

PHOENIX

4863 NOTAM FILE PRC Not insp.

RWY 17-35: 2495X30 (GRVL)**AIRPORT REMARKS:** Attended irregularly. Primitive, narrow airstrip, no services, no cellular, use at pilots own risk, no training or touch and goes. Obstructions, trees and structures south of rwy, rising terrain north of rwy. Calm wind Rwy 17, culvert narrows airstrip at approximately 600' south of Rwy 17 thld. Parking west side of rwy near Rwy 35 thld, no tie downs.**AIRPORT MANAGER:** 928-687-8600**COMMUNICATIONS:** CTAF 122.9**CLIFTON/MORENCI****GREENLEE CO** (CFT)(KCFT) 8 SE UTC-7 N32°57.42' W109°12.67'

PHOENIX

3798 B NOTAM FILE PRC

L-5D

RWY 07-25: H4978X75 (ASPH-AFSC) S-21 MIRL

IAP

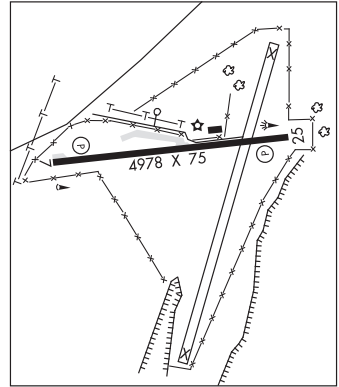
RWY 07: PAPI(P2L)—GA 3.0° TCH 40'.**RWY 25:** PAPI(P2L)—GA 3.0° TCH 40'.**SERVICE:** LGT ACTIVATE MIRL Rwy 07-25—CTAF. PAPI Rwy 07 and Rwy 25 opr continuously.**AIRPORT REMARKS:** Unattended. Mowing in progress continuous.**AIRPORT MANAGER:** 928-865-4762**WEATHER DATA SOURCES:** AWOS-3 119.05 (928) 687-1116.**COMMUNICATIONS:** CTAF 122.9**ALBUQUERQUE CENTER APP/DEP CON** 134.45**RADIO AIDS TO NAVIGATION:** NOTAM FILE SVC.**SILVER CITY (L) VOR/DME** 110.8 SVC Chan 45 N32°38.26' W108°09.66' 277° 56.4 NM to fld. 5423/13E.

VOR unusable:

330°-355° byd 33 NM blo 13,500'

DME unusable:

330°-355° byd 33 NM blo 13,500'

**COCHISE COLLEGE** (See DOUGLAS on page 40)**COCHISE CO** (See WILLCOX on page 77)**COLORADO CITY MUNI** (AZC)(KAZC) 3 SW UTC-7 N36°57.60' W113°00.83'

LAS VEGAS

4874 B TPA—5722(848) NOTAM FILE PRC

H-4I, L-9C

RWY 11-29: H6300X75 (ASPH) S-30 MIRL

IAP

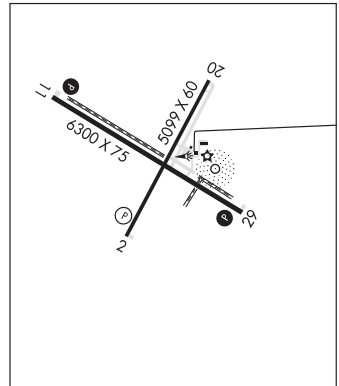
RWY 11: REIL. PAPI(P4L)—GA 3.0° TCH 40'.**RWY 29:** REIL. PAPI(P4L)—GA 3.0° TCH 40'.**RWY 02-20:** H5099X60 (ASPH) S-12.5 MIRL 0.7% up NE**RWY 02:** PAPI(P4L)—GA 3.0° TCH 40'.**SERVICE:** S2 FUEL 100LL, JET A, A+ OX 1, 2, 3 LGT ACTIVATE MIRL Rwy 11-29 and Rwy 02-20, PAPI Rwy 11 and Rwy 29 and REIL Rwy 11 and Rwy 29—CTAF.**AIRPORT REMARKS:** Attended Mon-Sat 1600-0100Z. Wildlife on and invof arpt. 2000' mountains north and northeast of arpt. FBO 928-817-7028. Minor airframe and minor powerplant repairs call out phone 435-616-2871. 3' brush within primary sfc of Rwy 11-29 and Rwy 02-20. Rwy 02-20 and Rwy 11-29 twy turn-a-rounds retro reflector markers.**AIRPORT MANAGER:** (435) 616-2871**WEATHER DATA SOURCES:** AWOS-3PT 118.375 (928) 875-8045.**COMMUNICATIONS:** CTAF/UNICOM 122.7

Ⓡ L.A. CENTER APP/DEP CON 124.2

RADIO AIDS TO NAVIGATION: NOTAM FILE PRC.**NDB (MHW)** 403 AZC N36°57.60' W113°00.55' at fld. 4858/13E.

NDB unusable:

330°-100° byd 15 NM blo 9,200'



COOLIDGE MUNI (P08) P 5 SE UTC-7 N32°56.16' W111°25.59'

1576 B TPA—2576(1000) NOTAM FILE PRC

RWY 05-23: H5564X150 (ASPH) S-80, D-115, 2D-210 MIRL

0.5% up NE

RWY 05: PAPI(P2L)—GA 3.0° TCH 40'.

RWY 23: PAPI(P2L)—GA 3.0° TCH 40', Rgt tfc.

RWY 17-35: H3873X75 (ASPH) S-17 MIRL

RWY 17: Brush. Rgt tfc.

RWY 35: Brush.

SERVICE: FUEL 100LL, JET A **LGT** ACTIVATE MIRL Rwy 05-23; PAPI Rwy 05 and Rwy 23 and MIRL Rwy 17-35—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1500-0000Z. Self fueling with credit card. Parachute Jumping. Parachute jump training on arpt. Drop zone located northeast Rwy 35. Aerobatic box located .5 NM east of arpt surface to 4500' AGL. Livestock on and invof arpt. Large military transports in vicinity of arpt.

AIRPORT MANAGER: (520) 723-6075

WEATHER DATA SOURCES: AWOS-3PT 119.350 (520) 723-4920.

COMMUNICATIONS: CTAF/UNICOM 123.075

ALBUQUERQUE CENTER APP/DEP CON 125.4

RADIO AIDS TO NAVIGATION: NOTAM FILE PRC.

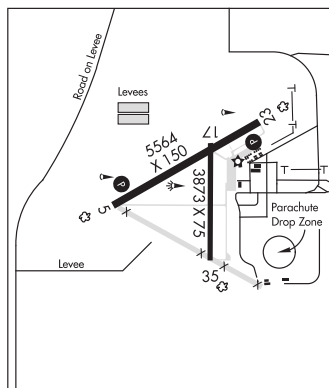
STANFIELD (H) VORTAC 114.8 TFD Chan 95 N32°53.15'

W111°54.52' 071° 24.5 NM to fld. 1316/12E.

PHOENIX

H-4J, L-5C, A

IAP



COTTONWOOD (P52) 1 SW UTC-7 N34°43.80' W112°02.11'

3560 B TPA—See Remarks NOTAM FILE PRC

RWY 14-32: H4252X75 (ASPH) S-4 MIRL 1.0% up SE

RWY 14: REIL. PAPI(P2L).

RWY 32: REIL. PAPI(P2L)—GA 3.0°. Brush. Rgt tfc.

SERVICE: FUEL 100LL **LGT** ACTIVATE MIRL Rwy 14-32, PAPI Rwy 14 and Rwy 32 and REIL Rwy 14 and Rwy 32—CTAF.

AIRPORT REMARKS: Unattended. Fuel avbl 24 hrs with major credit card. Emergency phone 928-634-4246 (Police Dispatch). Wildlife on or in vicinity of arpt. Parachute Jumping. Hang gliders invof arpt. No touch and go 30 minutes before SS until 30 minutes after dawn. Acft departing Rwy 14 maintain heading for 1 NM byd departure end and 500' AGL prior to turning. Departing Rwy 32 maintain rwy heading for .6 NM and 500' AGL prior to turning. Check CTAF for local flight training restrictions. Rwy 32 designated calm wind rwy.

TPA—helicopter 4060(500), single 4360(800), multi 4560(1000), turbine 5050(1500).

AIRPORT MANAGER: 928-340-2777

WEATHER DATA SOURCES: AWOS-AV 122.7 (928) 634-0916.

COMMUNICATIONS: CTAF/UNICOM 122.7

MINGUS MOUNTAIN RCO 122.3 (PRESCOTT RADIO)

® PHOENIX APP/DEP CON 126.375

RADIO AIDS TO NAVIGATION: NOTAM FILE PRC.

DRAKE (H) VORTACW 114.1 DRK Chan 88 N34°42.15' W112°28.82' 072° 22.1 NM to fld. 4967/14E.

VOR/DME & TACAN AZIMUTH unusable:

055°-080° byd 29 NM blo 9,300'

125°-140° byd 35 NM blo 8,500'

140°-160° byd 30 NM blo 9,500'

160°-175° byd 35 NM blo 9,500'

175°-185° byd 30 NM blo 9,500'

185°-195° byd 23 NM blo 9,100'

195°-220° byd 13 NM blo 9,100'

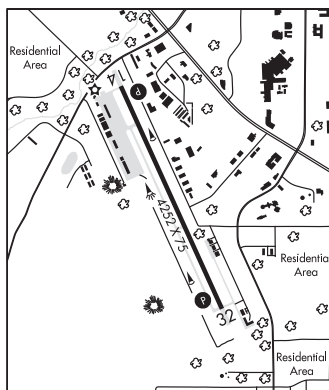
220°-235° byd 25 NM blo 9,100'

265°-275° byd 30 NM blo 8,800'

PHOENIX

L-8F

IAP



DAVIS MONTHAN AFB (DMA)(KDMA) AF 2 SW UTC-7 N32°09.98' W110°52.99'
 2704 B TPA—See Remarks AOE NOTAM FILE PRC Not insp.
RWY 12-30: H13643X200 (PEM) PCN 47 R/B/W/T HIRL
RWY 12: REIL. PAPI(P4L)—GA 3.0° TCH 58' .
RWY 30: ALSF1. PAPI(P4L)—GA 3.0° TCH 59' . Rgt tfc.

PHOENIX
H-41, L-5C
DIAP AD

ARRESTING GEAR/SYSTEM

RWY 12 HOOK BAK-12A(B) (125' OVRN) HOOK BAK-12A(B)(1200').

HOOK BAK-12A(B)(1198') HOOK BAK-12A(B) (70' OVRN). **RWY 30**

SERVICE: S4 **FUEL** JET B+ **OX** 1, 2, 3, 4 **LGT** All rwy thld gated. **MILITARY—A-GEAR** All BAK-12A extn. **FUEL** A++ Tran acft exp up to 2 hr delay for refuel. Acft req DV priority ctc PTD 372.2 30 min prior to arr with fuel req. **FLUID** SP PRESAIR LHOX LOX OIL 0-148-156 JOAP; W-72 hr PN rqr **TRAN ALERT** Svc 1400-0530Z. No priority basis. Fleet svc avbl Mon-Fri 1400-0000Z with 24 hr PN. After hr, weekends, hol, and TDY acft rqr credit card info prior to coord. Ctc tran alert DSN 228-4292, C520-228-4292.

MILITARY REMARKS: See FLIP AP/1 Supplementary Arprt Remark. Base ops opr 1300-2200Z Mon-Fri except holiday. **RSTD** PPR all acft. 24 hr ctc afld management DSN 228-4507/4315, C520-228-4507/4315. No Vertical and Short Take-off and Landing aircraft apch ldg. Airfield clsd 1300-2100Z (except to active scrambles) last Sat monthly. Transient acft are allowed 1 apch to a full stop, between 1430Z and official SS, or if Davis-Monthan is not the final destination, may execute 1 apch and dep the Davis-Monthan pat. For multiple apch or apch outside those hrs. 355 OG/CC approval rqr. Reg approval 24 hrs in advance through Davis-Monthan base ops. All acft inbound with DV code 6 or higher and/or space A passenger ctc PTD at least 30 min prior to arrival to confirm block time. **CAUTION** BASH - PHASE II bird activity migratory season Sep-Jan. Coyotes, burrowing owls and javelinas found occasionally on both sides of rwy. Increased wildlife activity observed during monsoon season Jun-Aug. **TFC PAT** TPA—Conventional 3700(996), overhead 5000(2296) until 4 DME then 4200(1496). No overhead tfc pattern authorized except to permanent base assigned acft SS-SR. Maximum speed in overhead pat is 300 Kts Indicated Airspeed. Do not exceed 3700' until dep end of rwy. Hi alt wx balloon released 5 mile final Rwy 12 at 1100Z and 2300Z daily. **NS ABTMT** Quiet hour policy in eff 0530-1300Z. Max performance climbs not authorized. Discontinue afterburner as soon as safely possible. Heavy acft expect Rwy 12 departure unless precluded by acft limitations. **CSTM/AG/IMG** Minimum continuous notice rqr for acft rqr Customs/Agriculture/Immigration. Ctc afld management for coordination. **MISC** First 2700' of Rwy 12 and first 2445' of Rwy 30 are concrete. Mid 8500' of Rwy 12-30 is asphalt. Twy C btw Taxilane Bravo and Twy Delta ltd to acft with wingspan 60' or less. Standard ACC reduced same rwy separation applied exc 6000' between C130 acft. ATC personnel will notify wx of change as part of Cooperative Weather Watch (CWW). Cooperative Weather Watch will include but is not ltd to twr and sector visibility and significant pilot report information to be included in the obsn/terminal or alternate forecast. Primary wx sensor is FMQ-19 producing automated obsn. Base wx avbl 1400-0600Z except holidays, DSN 228-6014/3254, fax DSN 228-3255. Wx briefings avbl 24hr from 25 OWS at DSN 228-6598/6599, 2 hr notice rqr for timely brief. All transient aircrews shall store all classified materials at Wing Command Post (building 2300).

AIRPORT MANAGER: 520-228-4507

WEATHER DATA SOURCES: WSP

COMMUNICATIONS: SFA ATIS 270.1 (1300-0530Z) PTD 372.2

® **TUSCON APP CON** 119.4 318.1 (Rwy 12 286°-089°, Rwy 30 066°-274°) 125.1 269.55 (Rwy 12 090°-285°, Rwy 30 275°-065°) 128.5 139.9 393

® **TUSCON DEP CON** 119.4 318.1 (Rwy 12 286°-089°, Rwy 30 066°-274°) 125.1 269.55 (Rwy 12 090°-285°, Rwy 30 275°-065°) 128.5 393

TOWER 118.85 253.5 **GND CON** 121.8 275.8 **CLNC DEL** 121.8 275.8

COMD POST 381.3 **PMSV METRO** 239.8 (Alternate PMSV METRO LUF 267.4)

AIRSPACE: CLASS C svc ctc **APP CON**

RADIO AIDS TO NAVIGATION: NOTAM FILE PRC.

(L) **TACAN** Chan 123 DMA (117.6) N32°09.59' W110°52.85' at fld. 2662/12E.

TACAN transmitter revised to dual
 TACAN AZIMUTH & DME unusable:
 060°-090° byd 25 NM blo 17,500'
 280°-290° byd 25 NM blo 17,500'
 335°-030° byd 25 NM blo 17,500'
 No NOTAM MP: 1200-1400Z Wed

ILS 109.3 I-AFB Rwy 12. Class I/T.

ILS 109.3 I-DMA Rwy 30. Class IE. Backcourse unusable. No NOTAM MP: 1200-1600Z Tue, Thu.

PAR

COMM/NAV/WEATHER REMARKS: Radar see Terminal FLIP for Radar Minima. For Clnc Del when ATCT is clsd ctc TUS Apch at 520-829-6121.

DOUBLE CIRCLE RANCH (See CLIFTON on page 37)

DOUGLAS

COCHISE COLLEGE (P03) 7 W UTC-7 N31°22.28' W109°41.40'

PHOENIX
H-4K, L-5D

4146 B NOTAM FILE PRC

RWY 05-23: H5551X60 (ASPH) MIRL 0.7% up SW

RWY 05: PAPI(P4L)—GA 3.0°. Road.

RWY 23: PAPI(P4L)—GA 3.0°. Thld dsplcd 450'. Road.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 05: TORA-5441 TODA-5551 ASDA-5441 LDA-5441

RWY 23: TORA-5551 TODA-5551 LDA-5103

SERVICE: FUEL 100LL LGT ACTIVATE MIRL Rwy 05-23—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1330-2330Z. 100LL avbl in emergency only. Wildlife on or invof arpt. Unmanned aerial vehicle operating on and invof arpt. University security 520-417-4022.

AIRPORT MANAGER: 520-417-4114

COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE DUG.

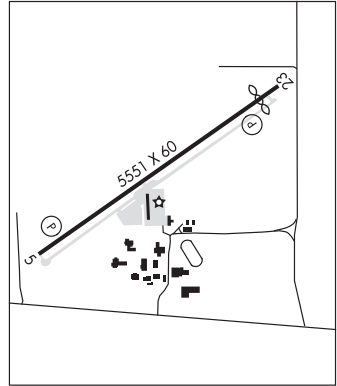
DOUGLAS (L) VORTACW 108.8 DUG Chan 25 N31°28.36' W109°36.12' 204° 7.6 NM to fld. 4131/13E.

DME & TACAN AZIMUTH unusable:

045°-065° byd 26 NM blo 10,000'

065°-095° byd 28 NM blo 9,500'

355°-010° byd 35 NM blo 11,300'



DOUGLAS MUNI (DGL)(KDGL) 2 E UTC-7 N31°20.56' W109°30.39'

PHOENIX
H-4K, L-5D

4173 B AOE NOTAM FILE PRC

RWY 03-21: H5760X75 (ASPH) MIRL

RWY 03: PAPI(P4L)—GA 4.0° TCH 40'. Road. Rgt tfc.

RWY 21: PAPI(P4L)—GA 4.0° TCH 50'. Brush.

RWY 18-36: 4095X100 (DIRT)

RWY 18: Brush.

RWY 36: Brush. Rgt tfc.

SERVICE: FUEL 100LL, JET A LGT PAPI Rwy 21 OTS indef. Rwy 03 PAPI OTS indef. Rwy 21 PAPI OTS indef.

AIRPORT REMARKS: Attended Mon-Fri 1400-0100Z, 24 hr 100LL avbl with major credit card. For svc after hours call 520-368-6015. Rwy 03-21 has 1" - 6" cracks across rwy. Rwy 18-36 has +4' brush, rocks and uneven surface for 3/4 of rwy length. Rwy 18-36 CLOSED indef. Rwy 21 50' twr 1350' from thld 550' left lgtd. Mountains 1 1/2 miles east. Rwy 18-36 brush on both sides 70' from centerline full length of rwy. Rwy 18-36 surface rough and rutted. Rwy 18-36 +3' bump 300' from Rwy 18 thld. Rwy 18-36, 2' bump crossing twy to Rwy 03-21. Personnel on ATVS near acct opr areas-unrstd. . Rwy 18-36, 2' bump crossing twy to Rwy 03-21. NOTE: See Special Notices U.S. Special Customs Requirement.

AIRPORT MANAGER: (520) 368-6015

COMMUNICATIONS: CTAF/UNICOM 122.8

RCO 122.6 (PRESCOTT RADIO)

RADIO AIDS TO NAVIGATION: NOTAM FILE DUG.

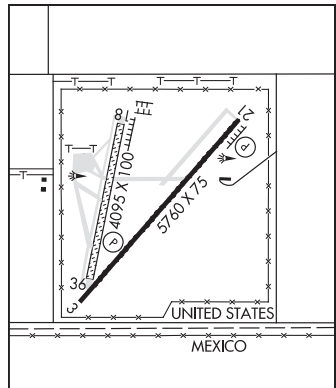
(L) VORTACW 108.8 DUG Chan 25 N31°28.36' W109°36.12' 135° 9.2 NM to fld. 4131/13E.

DME & TACAN AZIMUTH unusable:

045°-065° byd 26 NM blo 10,000'

065°-095° byd 28 NM blo 9,500'

355°-010° byd 35 NM blo 11,300'



DOUGLAS BISBEE**BISBEE DOUGLAS INTL** (DUG)(KDUG) 8 NW UTC-7 N31°28.14' W109°36.23'

PHOENIX

4150 B AOE NOTAM FILE DUG

H-4K, L-5D

RWY 17-35: H6430X100 (ASPH-RFSC) S-30, D-160, 2S-175,

IAP

2D-250 MIRL 0.6% up N

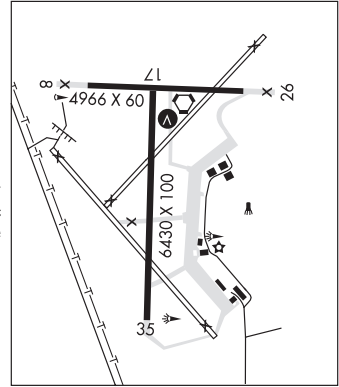
RWY 17: VASI(V2L)—GA 3.25° TCH 53'.**RWY 35:** Brush.**RWY 08-26:** H4966X60 (ASPH) S-12.5 0.7% up E**RWY 08:** Brush.**RWY 26:** Brush.**SERVICE:** S2 **FUEL** 100LL, JET A1+ **LGT**ACTIVATE MIRL Rwy 17-35 and VASI Rwy 17—CTAF.**AIRPORT REMARKS:** Attended Mon-Fri 1400-0000Z. Fuel svc fee Mon-Fri 0000-1400Z, all day Sat-Sun, phone 520-508-3606. Wildlife on or invof arpt. Rwy 08-26 VFR ops only, daylight use only. Rwy 17-35 rfc 100' wide. The twy to Rwy 35 is in poor condition with ruts and loose aggregate. Flight Notification Service (ADCUS) available. NOTE: See Special Notices—U.S. Special Customs Requirement.**AIRPORT MANAGER:** (520) 364-2771**WEATHER DATA SOURCES:** ASOS 119,275 (520) 364-7208.**COMMUNICATIONS:** CTAF/UNICOM 123.0**DOUGLAS RCO** 122.6 (PRESCOTT RADIO)**AIRSPACE:** CLASS E svc 1300-0400Z other times CLASS G.**RADIO AIDS TO NAVIGATION:** NOTAM FILE DUG.**DOUGLAS (L) VORTACW** 108.8 DUG Chan 25 N31°28.36' W109°36.12' at fld. 4131/13E.

DME & TACAN AZIMUTH unusable:

045°-065° byd 26 NM blo 10,000'

065°-095° byd 28 NM blo 9,500'

355°-010° byd 35 NM blo 11,300'

**DRAGON** N31°35.14' W110°20.66' NOTAM FILE FHU.

PHOENIX

NDB (MHW) 410 DAO at Sierra Vista Muni-Libby AAF. 4654/13E. NDB unmonitored when GCA closed.

L-5C

No NOTAM MP: 1500-1900Z 2nd Thurs of month

DRAKE N34°42.15' W112°28.82' NOTAM FILE PRC.

PHOENIX

(H) VORTACW 114.1 DRK Chan 88 119° 4.2 NM to Ernest A Love Fld. 4967/14E.

H-4J, L-8F

VOR/DME & TACAN AZIMUTH unusable:

055°-080° byd 29 NM blo 9,300'

125°-140° byd 35 NM blo 8,500'

140°-160° byd 30 NM blo 9,500'

160°-175° byd 35 NM blo 9,500'

175°-185° byd 30 NM blo 9,500'

185°-195° byd 23 NM blo 9,100'

195°-220° byd 13 NM blo 9,100'

220°-235° byd 25 NM blo 9,100'

265°-275° byd 30 NM blo 8,800'

EAGLE AIRPARK (See BULLHEAD CITY on page 32)

ELOY MUNI (E60) 3 NW UTC-7 N32°48.40' W111°35.20'
1511 B TPA—2311(800) NOTAM FILE PRC

PHOENIX
L-5B, A

RWY 02-20: H3901X75 (ASPH) MIRL

RWY 02: REIL. PAPI(P2L). Brush.

RWY 20: REIL. PAPI(P2L). Brush. Rgt tfc.

SERVICE: S4 **FUEL** 100LL, JET A **LGT** REIL Rwy 02 and Rwy 20 opr continuously. PAPI Rwy 02 and Rwy 20 opr continuously.

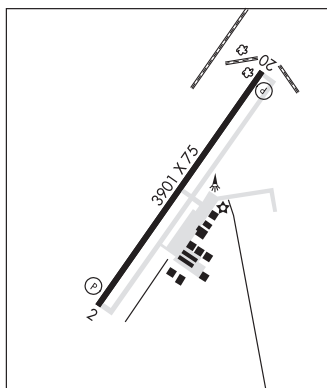
AIRPORT REMARKS: Attended 1400-2300Z. Self-fueling avbl 24 hrs with major credit card. Parachute Jumping. Seasonal crop dusting operations. Apch from west and do not overfly arpt, extremely heavy parachute jumping activity over east side of arpt SR-SS. When wind 10 knots or less dep Rwy 02 and land Rwy 20. Rwy 02-20 centerline obscured by rubber deposits. Delineator reflector system on twy, many missing.

AIRPORT MANAGER: (520) 464-3429

COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE PRC.

STANFIELD (H) VORTAC 114.8 TFD Chan 95 N32°53.15'
W111°54.52' 094° 17.0 NM to fld. 1316/12E.



ERIC MARCUS MUNI (See AJO on page 30)

ERNEST A LOVE FLD (See PRESCOTT on page 64)

ESTRELLA SAILPORT (See MARICOPA on page 54)

FALCON FLD (See MESA on page 55)

FLAGSTAFF PULLIAM (FLG)(KFLG) 4 S UTC-7 N35°08.42' W111°40.16'
7014 B TPA—See Remarks ARFF Index—See Remarks NOTAM FILE FLG

PHOENIX
H-4J, L-9G
IAP, AD

RWY 03-21: H8800X150 (ASPH-PFC) S-30, D-95, 2S-120, 2D-140
PCN 37 F/D/W/T HIRL

RWY 03: PAPI(P4L)—GA 3.0° TCH 50'.

RWY 21: MALSR. PAPI(P4L)—GA 3.0° TCH 51'. Thld dspld 1800'.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 03: TORA-8800 TODA-8800 ASDA-8800 LDA-8800

RWY 21: TORA-8800 TODA-8800 ASDA-8800 LDA-7000

SERVICE: S4 **FUEL** 100LL, JET A **OX 2** **LGT** When twr closed
ACTIVATE HIRL Rwy 03-21, MALSR Rwy 21—CTAF. PAPI Rwy 03
and PAPI Rwy 21 opr continuously.

AIRPORT REMARKS: Attended 1300-0600Z. Fuel self-service 24 hrs. Rwy 03-21 windshear and turbulence at both ends of rwy when sfc winds exceed 10 Kts. Class I, ARFF Index A. ARFF Index B upon request. 24 hr PPR 928-556-1250. Snow removal equipment may be on rwy. Equipment has 2-way radio and monitors frequency 134.55 when twr clsd. Arpt may be CLOSED during snow removal. For current snow removal equipment activity ctc 134.55. Calm wind conditions use Rwy 21. Noise Abatement: Avoid overflight of village 3 miles south. TPA—8003(989) conventional acft, 7503(489) helicopter, 8503(1489) high performance.

AIRPORT MANAGER: (928) 213-2933

WEATHER DATA SOURCES: AWOS-3 125.8 (928) 779-2439.

COMMUNICATIONS: CTAF 134.55 ATIS 125.8 UNICOM 122.95

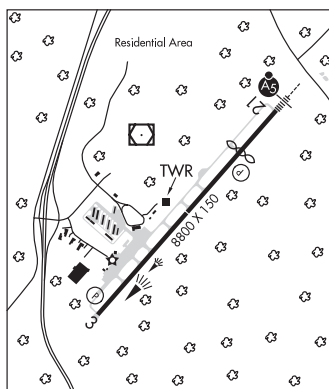
RCO 123.65R (PRESCOTT RADIO)

KAYENTA RCO 122.45 (PRESCOTT RADIO)

MINGUS MOUNTAIN RCO 122.3 (PRESCOTT RADIO)

Ⓡ **PHOENIX APP/DEP CON** 126.375

TOWER 134.55 1300-0400Z 1 Apr-30 Sep, 1400-0200Z 1 Oct-31 Mar **GND CON** 121.9



CONTINUED ON NEXT PAGE

CONTINUED FROM PRECEDING PAGE

AIRSPACE: CLASS D svc 1300-0400Z 1 Apr-30 Sep, 1400-0200Z 1 Oct-31 Mar other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE FLG.

(H) **VOR/DME** 113.85 FLG Chan 85(Y) N35°08.83' W111°40.45' at fld. 7026/14E.

VOR/DME unusable:

335°-030° byd 19 NM blo 24,000'

DME unusable:

230°-255° byd 20 NM blo 15,000'

ILS 110.5 I-FLG Rwy 21. Glideslope unusable byd 5° right of LOC course. LOC unusable inside of flg 0.8 DME.

FLYING J RANCH (See PIMA on page 63)

FORT HUACHUCA N31°35.13' W110°20.34' NOTAM FILE FHU.

PHOENIX

(T) **TACAN** 111.6 ARH Chan 53 at Sierra Vista Muni-Libby AAF. 4660/12E. unmonitored when twr clsd.

H-4K, L-5C

TACAN unusable:

105°-250° byd 10 NM

120°-300° byd 20 NM

military use: No NOTAM MP 1500-2300Z 1st Wed of Month

GILA BEND MUNI (E63) 2 E UTC-7 N32°57.61' W112°40.42'

PHOENIX

789 B TPA-1589(800) NOTAM FILE PRC

H-4J, L-5B, A

RWY 04-22: H5200X75 (ASPH) S-12.5 MIRL 0.3% up NE

RWY 04: PAPI(P2L)-GA 3.0° TCH 40'. Brush.

RWY 22: PAPI(P2L)-GA 3.0° TCH 40'. Brush.

SERVICE: FUEL 100LL LGT ACTIVATE MIRL Rwy 04-22-CTAF.

AIRPORT REMARKS: Unattended. 24 hr self svc avbl with major credit card after Sep 1, 2014. Rwy 04-22 primary sfc +5'-20' brush and trees 100'-125' south of runway centerline. NOTE: See Special Notices-Restricted Area R-2305, Gila Bend, Arizona, Transit Information.

AIRPORT MANAGER: (623) 810-4662

COMMUNICATIONS: CTAF/UNICOM 122.8

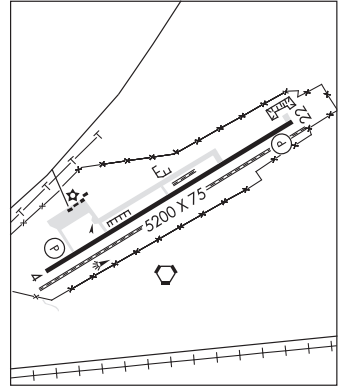
RCO 122.1R 116.6T (PRESCOTT RADIO)

RADIO AIDS TO NAVIGATION: NOTAM FILE PRC.

(H) **VORTAC** 116.6 GBN Chan 113 N32°57.38' W112°40.46' at fld. 790/14E.

TACAN AZIMUTH unusable:

360°-010° byd 25 NM



GLENDALE MUNI (GEU)(KGEU) 6 W UTC-7 N33°31.62' W112°17.71'
1071 B TPA—See Remarks NOTAM FILE GEU

PHOENIX
H-4J, L-5B, A
IAP, AD

RWY 01-19: H7150X100 (ASPH) S-40, D-60 MIRL 0.4% up NE

RWY 01: REIL. PAPI(P2L)—GA 3.0° TCH 38'. Thld dspcd 701'.
Road. Rgt tfc.

RWY 19: REIL. PAPI(P2L)—GA 3.0° TCH 30'. Thld dspcd 1001'.
Fence.

SERVICE: S4 **FUEL** 100LL, JET A **OX 4** **LGT** When twr clsd **ACTIVATE**
REIL Rwy 01 and Rwy 19, PAPI Rwy 01 and Rwy 19, MIRL Rwy
01-19—Twr frequency 121.0.

AIRPORT REMARKS: Attended 1330-0230Z. Fuel avbl 1330-0230Z, fee
other hrs 623-877-8333. Be alert to heavy military jet tfc 5 miles
west. Coyotes and birds on arpt and invof arpt. High tension p-lines
1/4 mile west parallel to rwy unmarked and unlighted. Touch and go
lg discouraged between 0500-1300Z only. Avoid noise sensitive
areas north and southeast of arpt. Rwy 01 preferred for noise
abatement. Ctc arpt manager for additional noise abatement
procedures. TPA-2101(1030), 1701(630) helicopter/ultralights,
2601(1530), high performance. West side helicopter pattern not avbl
SS-SR.

AIRPORT MANAGER: 623-930-4744

WEATHER DATA SOURCES: AWOS-3 119.425 (623) 877-8609.

COMMUNICATIONS: CTAF 121.0 ATIS 119.425 UNICOM 122.95

PHOENIX RCO 122.6 122.2 (PRESCOTT RADIO)

® **LUKE APP/DEP CON** 118.15 (North) (1300-0530Z Mon-Thu, 1300-0130Z Fri, clsd weekends and holidays)

® **PHOENIX APP/DEP CON** 120.7 (0530-1300Z Mon-Thu, 0400-1300Z Fri-Sun)

TOWER 121.0 (Mon-Fri 1300-0330Z, Sat-Sun 1400-0200Z) **GND CON** 118.0

AIRSPACE: CLASS D svc 1300-0330Z Mon-Fri, 1400-0200Z Sat-Sun other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE PRC.

PHOENIX (H) VORTACW 115.6 PXR Chan 103 N33°25.98' W111°58.21' 277° 17.2 NM to fld. 1182/12E.

VOR unusable:

345°-360° byd 33 NM blo 10,000'

TACAN AZIMUTH & DME unusable:

345°-360° byd 33 NM blo 11,000'

VORTAC unusable:

015°-034° byd 33 NM blo 10,000'

090°-100° byd 15 NM blo 8,000'

185°-190° byd 30 NM blo 8,000'

185°-190° byd 38 NM blo 9,000'

190°-230° byd 20 NM blo 10,000'

345°-034° byd 10 NM blo 6,000'

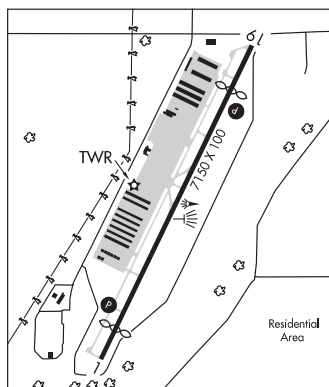
345°-034° byd 20 NM blo 8,000'

360°-015° byd 33 NM blo 11,000'

DME unusable:

215°-315°

COMM/NAV/WEATHER REMARKS: Emergency frequency 121.5 not monitored by twr.



GLOBE

SAN CARLOS APACHE (P13) 7 SE UTC-7 N33°21.19' W110°40.04'

3261 B TPA—4261(1000) NOTAM FILE PRC

RWY 09-27: H6500X100 (ASPH-PFC) S-60 MIRL 1.2% up W

RWY 09: REIL. PAPI(P2L)—GA 3.0° TCH 45'. Brush.

RWY 27: REIL. PAPI(P2L)—GA 3.0° TCH 43'. Rgt tfc.

SERVICE: LGT Wind sock lgts OTS indef. ACTIVATE MIRL Rwy 09-27—CTAF. PAPI Rwy 09 and Rwy 27 opr continuously.

AIRPORT REMARKS: Unattended. All rwy hold and twy exit signs OTS indefinitely. Primary sfc to Rwy 09-27 has +5-12' brush 150-250' along south side of rwy. 2-4 inch wide cracks in parallel taxiway pavement.

AIRPORT MANAGER: 928-475-3222

WEATHER DATA SOURCES: AWOS-3 120.075 (928) 475-5560.

COMMUNICATIONS: CTAF/UNICOM 122.8

GLOBE RCO 122.3 (PRESCOTT RADIO)

ALBUQUERQUE CENTER APP/DEP CON 125.4

RADIO AIDS TO NAVIGATION: NOTAM FILE IWA.

WILLIE (L) VORTAC 113.3 IWA Chan 80 N33°18.19'

W111°39.09' 073° 49.6 NM to fld. 1366/13E. **HIWAS.**

TACAN AZIMUTH & DME unusable:

020°-055° byd 30 NM blo 12,000'

150°-195° byd 20 NM blo 7,500'

VOR portion unusable:

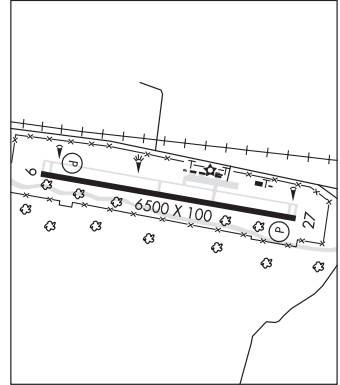
300°-320° byd 25 NM blo 7,500'

320°-300° byd 20 NM blo 7,500'

PHOENIX

H-4K, L-5C

IAP



GLOBE N33°16.97' W110°49.76'

RCO 122.3 (PRESCOTT RADIO)

PHOENIX

L-5C

GOODYEAR

PHOENIX GOODYEAR (GYR)(KGYR) 1 SW UTC-7 N33°25.40' W112°22.52'

969 B TPA—See Remarks NOTAM FILE GYR

RWY 03-21: H8500X150 (ASPH) S-75, D-200, 2D-270 MIRL

RWY 03: REIL. PAPI(P4L)—GA 3.0° TCH 53'. 0.4% up.

RWY 21: REIL. PAPI(P4L)—GA 3.0° TCH 53'. Rgt tfc. 0.3% down.

SERVICE: S4 **FUEL** 100LL, JET A **LGT** For MIRL Rwy 03-21 or REIL Rwy 03 and Rwy 21 during dalgt hrs ctc twr or arpt on 623-932-4550. After SS MIRL Rwy 03-21 are on. PAPI Rwy 03 and Rwy 21 opr continuously, REIL Rwy 03 and Rwy 21 turned off when twr clsd.

AIRPORT REMARKS: Attended continuously. Birds invof arpt. Coyotes and other wildlife ocnl crossing rwys/twys. E-W power lines 100 feet AGL 1/2 mile S approach end Rwy 03 unmarked and unlighted some NSTD marking. Numerous large acft parked approximately 500' W of Rwy 03-21. Mountains SE at 6 miles to 4500'. Military jet ttc 5 miles west of arpt. Acft departing Rwy 03 assigned right crosswind climb straight ahead to Litchfield Road or passing 1032' AGL before starting right turn. Noise abatement in effect ctc 602-273-4300. Noise sensitive neighborhood 1-3 miles NNE-NE of arpt. TPA-1969(1000) light acft and non-turbo jets; 2469(1500) heavy acft and turbo jets; 1469(500) helicopters. When twr clsd, Twy A between ints Twy A3 and Twy A10 rstd to acft with wingspan 118' or less. Fee for all charters; travel clubs and certain revenue producing acft. User fee arpt. NOTE: See Special Notices—Aerobatic Operations.

AIRPORT MANAGER: 623-932-4550

WEATHER DATA SOURCES: LAWRS.

COMMUNICATIONS: CTAF 120.1 ATIS 118.35 UNICOM 122.95

PHOENIX RCO 122.6 122.2 (PRESCOTT RADIO)

Ⓡ **LUKE APP/DEP CON** 125.45 (Mon-Thu 1300-0530Z, Fri 1300-0130Z, clsd weekends and holidays.)

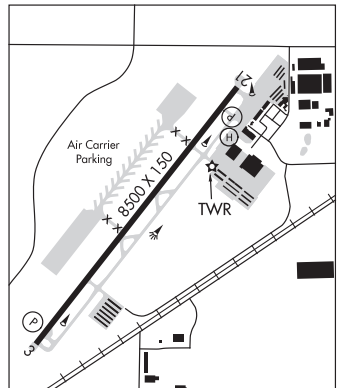
Ⓡ **PHOENIX APP/DEP CON** 120.7 (Mon-Thu 0530-1300Z, Fri-Sun 0400-1300Z, and holidays.)

GOODYEAR TOWER 120.1 (1300-0400Z) **GND CON** 121.7

PHOENIX

H-4J, L-5B, A

IAP, AD



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AIRSPACE: CLASS D svc 1300-0400Z other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE PRC.

BUCKEYE (L) VORTAC 110.6 BXX Chan 43 N33°27.21' W112°49.48' 080° 22.6 NM to fld. 1060/14E.

VOR portion unusable:

060°-075° byd 28 NM blo 4,000'

230°-260° byd 35 NM blo 5,000'

280°-320° byd 35 NM blo 7,000'

320°-020° byd 37 NM blo 6,000'

TACAN AZIMUTH & DME unusable:

020°-072° byd 28 NM blo 8,000'

COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not available at twr.

HELIPAD HI: H64X64 (CONC) PERIMETER LGTS

HELIPORT REMARKS: Helipad H1 perimeter lgts. Perimeter lgts medium ints.

GRAND CANYON

GRAND CANYON NATIONAL PARK (GCN)(KGCN) 6 S UTC-7 N35°57.14' W112°08.82'

6609 B ARFF Index—See Remarks NOTAM FILE GCN

RWY 03-21: H8999X150 (ASPH-GRVD) S-88, D-108, 2S-137, 2D-160

PCN 52 F/C/W/T MIRL

RWY 03: 0.7% up.

RWY 21: REIL, PAPI(P4R)—GA 3.0° TCH 52'. Rgt tfc. 1.0% down.

SERVICE: S6 FUEL 100LL, JET A OX 2, 4 LGT ACTIVATE MIRL Rwy 03-21—CTAF when twr clsd. ACTIVATE PAPI Rwy 21—CTAF.

AIRPORT REMARKS: Attended Oct 1-May 31 1400-0200Z, Jun 1-Sep 30

1300-0300Z. Fuel avbl 24 hrs call 928-638-7117. Condors invof

arpt. Class I, ARFF Index B. ARFF Index B avbl with 24 hr PPR, call arpt

manager 928-638-2446. Heavy volume of Air Taxi flights vicinity of

Grand Canyon. Overnight parking fee and commercial ldg fee. Note: See

Special Notices—Grand Canyon Special Flight Rules Area.

AIRPORT MANAGER: 928-638-2446

WEATHER DATA SOURCES: ASOS (928) 638-0672

COMMUNICATIONS: CTAF 119.0 ATIS 124.3 UNICOM 122.95

RCO 123.65 (PRESCOTT RADIO)

MINGUS MOUNTAIN RCO 122.3 (PRESCOTT RADIO)

L.A. CENTER APP/DEP CON 124.85

CANYON TOWER 119.0 (Jun 1-Sep 30 1300-0300Z, Oct 1-May 31

1400-0200Z) GND CON 121.9

AIRSPACE: CLASS D svc 1 Jun thru 30 Sep 1300-0300Z, 1 Oct thru 31 May 1400-0200Z other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE GCN.

(L) VOR/DME 113.1 GCN Chan 78 N35°57.62' W112°08.76' at fld. 6670/15E.

VOR unusable:

065°-115° byd 35 NM blo 14,500'

DME unusable:

035°-115° byd 25 NM blo 14,500'

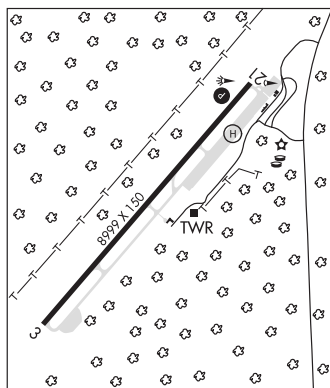
350°-035° byd 35 NM blo 14,500'

ILS 108.9 I-GCN Rwy 03. Class IA. Unmonitored when ATCT clsd.

LAS VEGAS

H-4J, L-8G

IAP, AD



VALLE (40G) 25 S UTC-7 N35°39.04' W112°08.88'

5999 B NOTAM FILE PRC

RWY 01-19: H4199X45 (ASPH) MIRL

RWY 01: PVASI(NSTD) PVASI(P SIL).

RWY 19: PVASI(NSTD) PVASI(P SIL).

SERVICE: **FUEL** 100LL, **JET A** **LGT** Rwy 01 NSTD PVASI single box unit on left side of rwy, OTS indef. Rwy 19 NSTD PVASI single box unit on left side of rwy, OTS indef. **ACTIVATE** MIRL Rwy 01-19, PVASI Rwy 01 and Rwy 19—CTAF. Entire lighting system OTS indef.

AIRPORT REMARKS: Attended 1400-0030Z. Unattended Christmas. Wildlife on and invof arpt. Twy C to thld Rwy 01 is gravel.

AIRPORT MANAGER: 928-635-5280

COMMUNICATIONS: CTAF/UNICOM 122.8

L.A. CENTER APP/DEP CON 124.85

RADIO AIDS TO NAVIGATION: NOTAM FILE GCN.

GRAND CANYON (L) VORW/DME 113.1 GCN Chan 78 N35°57.62' W112°08.76' 165° 18.6 NM to fld. 6670/15E.

VOR unusable:

065°-115° byd 35 NM blo 14,500'

DME unusable:

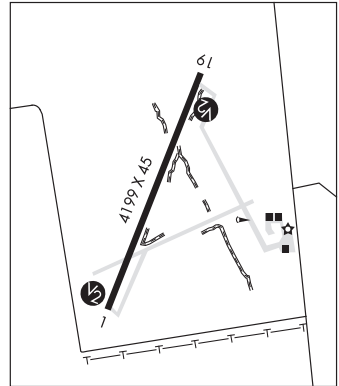
035°-115° byd 25 NM blo 14,500'

350°-035° byd 35 NM blo 14,500'

PHOENIX

L-8G

IAP



GRAND CANYON BAR TEN AIRSTRIP (See WHITMORE on page 76)

GRAND CANYON CAVERNS (See PEACH SPRINGS on page 58)

GRAND CANYON WEST (See PEACH SPRINGS on page 58)

GREENLEE CO (See CLIFTON/MORENCI on page 37)

H A CLARK MEM FLD (See WILLIAMS on page 78)

HOLBROOK MUNI (P14) 3 NE UTC-7 N34°56.44' W110°08.31'

5262 B NOTAM FILE PRC

RWY 03-21: H6698X75 (ASPH-AFSC) S-12 MIRL 0.4% up NE

RWY 03: REIL. PAPI(P2L)—GA 3.0°. Thld dspcd 800'. Road.

RWY 21: REIL. PAPI(P2L)—GA 3.0°.

RWY 11-29: 3202X120 (GRVL-DIRT) 0.4% up E

RWY 11: Road.

RWY 29: Pole.

SERVICE: **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 03-21, PAPI Rwy 03 and Rwy 21, REIL Rwy 03 and Rwy 21—CTAF.

AIRPORT REMARKS: Unattended. For arpt attendant Mon-Fri 1500-0000Z call 928-524-3991 or 928-241-4841. Wildlife on or in vicinity of arpt. Rwy 11-29 soft dirt rwy, for condition of surface call 520-524-7832 or 928-241-0288. Rwy 11-29 surface rough rutted. Helipad marked on south end of acft ramp.

AIRPORT MANAGER: 928-241-8488

WEATHER DATA SOURCES: AWOS-3 118.675.

COMMUNICATIONS: CTAF/UNICOM 122.8

KAYENTA RCO 122.45 (PRESCOTT RADIO)

WINSLOW RCO 122.6 (PRESCOTT RADIO)

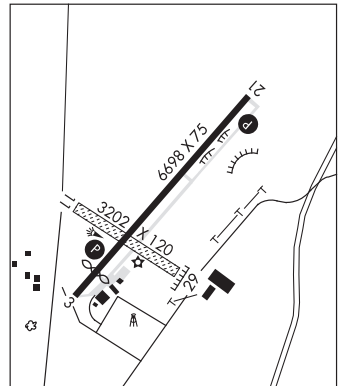
RADIO AIDS TO NAVIGATION: NOTAM FILE INW.

WINSLOW (H) VORTACW 112.6 INW Chan 73 N35°03.70' W110°47.70' 088° 33.2 NM to fld. 4913/14E.

HIWAS.

PHOENIX

H-4K, L-8G



KAYENTA (ØV7) 2 SE UTC-7 N36°42.99' W110°13.71'
5688 B NOTAM FILE PRC

DENVER
H-4K, L-8H

RWY 05-23: H7101X75 (ASPH) S-12.5 MIRL 0.9% up SW

RWY 05: PAPI(P2L)—GA 3.0°. Pole.

RWY 23: PAPI(P2L)—GA 3.0°.

SERVICE: LGT Rwy 05 PAPI OTS indef. ACTIVATE MIRL Rwy 05-23, PAPI Rwy 05 and Rwy 23—CTAF.

AIRPORT REMARKS: Unattended. Numerous rwy hold and twy guidance signs inoperative.

AIRPORT MANAGER: (928) 697-8404

WEATHER DATA SOURCES: AWOS-3PT 119.325 (928) 697-3638.

COMMUNICATIONS: CTAF 122.9

RCO 122.45 (PRESCOTT RADIO)

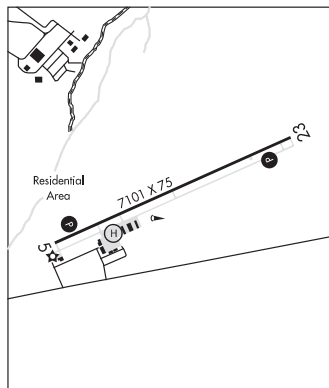
RADIO AIDS TO NAVIGATION: NOTAM FILE PGA.

PAGE (L) VOR/DME 117.6 PGA Chan 123 N36°55.86'
W111°26.85' 089° 60.1 NM to fld. 4277/13E. **HIWAS.**

VOR/DME unusable:

105°-230° byd 30 NM blo 11,000'

230°-245° byd 30 NM blo 12,000'



KEARNY (E67) 1 S UTC-7 N33°02.83' W110°54.54'
1833 NOTAM FILE PRC

PHOENIX
L-5C

RWY 08-26: H3400X60 (CONC) S-12.5

RWY 08: Thld dsplcd 195'. Tree.

RWY 26: Thld dsplcd 200'. Tree.

SERVICE: S4 FUEL 100LL

AIRPORT REMARKS: Attended Mon-Fri 1600-0000Z except holidays. 100LL avbl for emerg only. Birds, wildlife, military ops invof arpt. For arpt conditions and information call FBO, 520-363-5175. No lighting on arpt, night ops not recommended. Expect turbulence on Rwy 26 apch with wind from north and on dep Rwy 26. Fence 270' L/R off Rwy 26 end. Calm wind use Rwy 08, rapidly rising terrain all quadrants except southeast quadrant. Fence 240' L/R off Rwy 08 end. Ditch both sides Rwy 08 end, 60' L/R of centerline with 6' drops. For noise abatement avoid schools and homes. Medical helicopter base 1 NM northwest.

AIRPORT MANAGER: 520-363-5547

COMMUNICATIONS: CTAF/UNICOM 122.95

RADIO AIDS TO NAVIGATION: NOTAM FILE IWA.

WILLIE (L) VORTACW 113.3 IWA Chan 80 N33°18.19' W111°39.09' 099° 40.4 NM to fld. 1366/13E. **HIWAS.**

TACAN AZIMUTH & DME unusable:

020°-055° byd 30 NM blo 12,000'

150°-195° byd 20 NM blo 7,500'

VOR portion unusable:

300°-320° byd 25 NM blo 7,500'

320°-300° byd 20 NM blo 7,500'

KINGMAN (IGM)(KIGM) 8 NE UTC-7 N35°15.57' W113°56.28'
 3449 B TPA—4249(800) Class III, ARFF Index A NOTAM FILE IGM
RWY 03-21: H6827X150 (ASPH) S-45, D-85, 2S-108, 2D-125,
 2D/2D2-265 PCN 20 F/D/X/T MIRL
RWY 03: REIL. PAPI(P4L)—GA 3.0° TCH 45'.
RWY 21: REIL. PAPI(P4L)—GA 3.0° TCH 45'.
RWY 17-35: H6725X75 (ASPH) S-22, D-60 PCN 3 F/D/Y/T MIRL
 1.3% up S
RWY 17: PAPI(P2L)—GA 3.0° TCH 38'.
RWY 35: PAPI(P2L)—GA 3.0° TCH 48'.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 03: TORA-6827 TODA-6827 ASDA-6827 LDA-6827
RWY 17: TORA-6725 TODA-6725 ASDA-6725 LDA-6725
RWY 21: TORA-6827 TODA-6827 ASDA-6827 LDA-6827
RWY 35: TORA-6725 TODA-6725 ASDA-6725 LDA-6725

SERVICE: S4 FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 03-21
 and Rwy 17-35, PAPI Rwy 03 and Rwy 21, REIL Rwy 03 and Rwy
 21 and twy lights—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1500-0000Z. Parachute Jumping.
 Scheduled air carrier ops with more than 9 passenger seats are not
 authorized in excess of 15 min before or 15 min after scheduled arrival
 or departure times without prior coordination with arpt management.

Call arpt manager 928-757-2134. Ultralight and model airplane activity SW of arpt. Rwy 21 calm wind rwy.

AIRPORT MANAGER: 928-757-2134

WEATHER DATA SOURCES: ASOS 119.275 (928) 692-8104.

COMMUNICATIONS: CTAF/UNICOM 122.8

RCO 122.1R 108.8T (PRESCOTT RADIO)

RADIO AIDS TO NAVIGATION: NOTAM FILE IGM.

(L) VOR/DME 108.8 IGM Chan 25 N35°15.63' W113°56.04' at fld. 3422/15E.

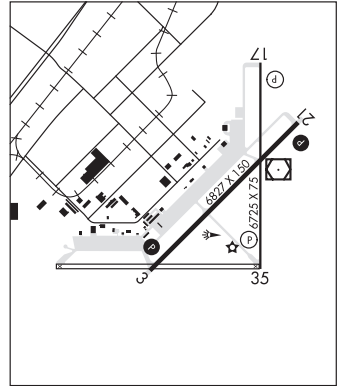
VOR/DME unusable:

030°-120° byd 20 NM blo 10,500'

120°-190° byd 15 NM blo 17,500'

190°-240° byd 30 NM blo 7,500'

240°-315° byd 30 NM blo 17,500'



PHOENIX
 H-4J, L-8F
 IAP, AD

LAGUNA AAF (YUMA PROVING GROUND) (LGF)(KLGf) A 12 NE UTC-7 N32°51.88' W114°23.58'
 433 B TPA—See Remarks NOTAM FILE PRC Not insp.

PHOENIX
 H-4J, L-5A
 DIAP, AD

RWY 18-36: H6142X151 (ASPH) PCN 56 F/B/W/T MIRL 0.8% up N

RWY 18: PAPI(P4L)—GA 3.0° TCH 43'.

RWY 36: PAPI(P4L)—GA 3.0° TCH 49'. Rgt tfc.

RWY 06-24: H6043X100 (ASPH) PCN 68 F/B/W/T 1.0% up NE

RWY 06: Rgt tfc.

SERVICE: FUEL 100LL LGT ACTIVATE MIRL and PAPI Rwy 18-36 via 121.8. **MILITARY—** JASU 5(GPU) 3(59B2-1B) FUEL
 100LL, A++ (MIL 1430-0000Z Mon-Fri, clsd hol. Pol avbl with 24 hr PPR for tran acct). **FLUID** LOX svc avbl thru Base
 Ops. **TRAN ALERT** Ltd maint svc avbl.

MILITARY REMARKS: Opr Mon-Fri 1400-2330Z, CLOSED hol. **RSTD** Rstd area 4 NM East of afld. Official business only. Over fit
 of housing area 3 NM SW of afld is prohibited. 24 hr PPR for tran acct, telephone DSN 899-2241,
 C928-328-2241/5028. C-130 and larger acct are prohibited from making U-turns on rwy unless rqr for emerg or
 congestion and must be apvd by Base Ops. Clsd fld ops perms thru prior coord with base ops or laguna ops. **CAUTION** Intense
 opr on Cibola Range 1 NM North of afld. Intense parachute drop opr vcnty 5 NM of afld year round. Wildlife hazard, wild
 horses and burrow may be on afld, use extreme caution dur ngt opr. **TFC PAT TPA**—Rgt tfc Rwy 06 and Rwy 36. Fixed wing
 1700' MSL. Rotary wing 1100' MSL. No rgt tfc Rwy 18. **MISC** Class D airspace reverts to to Class G when twr clsd. Late
 arrival ctc base ops DSN 899-2014/5028, 928-328-5028/2241. Fuel LOX svc avbl thru base ops.

AIRPORT MANAGER: 928-328-5028

WEATHER DATA SOURCES: AWOS-3 128.225 (928) 328-5238.

COMMUNICATIONS: CTAF 126.2 242.175

YUMA RCO 122.2 (PRESCOTT RADIO)

YUMA RCO 122.6 (SAN DIEGO RADIO)

YUMA APP CON 124.7 371.975 374.8

TOWER 126.2 242.175 (Mon-Fri 1400-2230Z, clsd hol)

GND CON 121.8 229.4

YUMA DEP CON 125.55 281.0 282.325

RANGE 119.0 248.4

AFLD ADVISORY 126.2 242.175

AIRSPACE: CLASS D svc 1400-2330Z Mon-Fri x holidays other times CLASS G.

LAKE HAVASU CITY (HII)(KHII) 6 N UTC-7 N34°34.27' W114°21.50'

783 B TPA—See Remarks NOTAM FILE PRC

RWY 14-32: H8001X100 (ASPH) S-100 MIRL**RWY 14:** REIL. PAPI(P4L)—GA 3.5° TCH 51'. Rgt tfc.**RWY 32:** REIL. PAPI(P4L)—GA 3.0° TCH 42'. Hill.**SERVICE:** S4 **FUEL** 100LL, JET A **OX** 2, 4 **LGT** ACTIVATE MIRL Rwy 14-32 and REILS on Rwy 14 and Rwy 32—CTAF.**AIRPORT REMARKS:** Attended 1500-0000Z. Power lines/towers and high terrain north northeast of arpt. Ultralight acft ops invof arpt from surface to 5000. Rwy 32 designated calm wind rwy. TPA—1803 (1020) light acft, 2303 (1520) high performance acft. 100' Noise abatement—enter pattern using 45° entry to downwind. Avoid overflying residential communities near arpt. Power lines/towers and high terrain north northeast of arpt. 1503' MSL mountain top 1.7 miles east southeast unlgt indef. 1489' mountain top 1.4 miles east northeast unlgtd inder.**AIRPORT MANAGER:** 928-764-3330**WEATHER DATA SOURCES:** AWOS-3 119.025 (928) 764-2309.**COMMUNICATIONS:** CTAF/UNICOM 122.7**L.A. CENTER APP/DEP CON** 134.65**RADIO AIDS TO NAVIGATION:** NOTAM FILE EED.**NEEDLES (H) VORTAC** 115.2 EED Chan 99 N34°45.96' W114°28.45' 139° 13.0 NM to fld. 620/15E. **HIWAS.**

VORTAC unusable:

100°-130° byd 27 NM blo 6,600'

170°-220° byd 20 NM blo 5,800'

220°-280° byd 35 NM blo 6,800'

TACAN AZIMUTH & DME unusable:

165°-220° byd 20 NM blo 8,000'

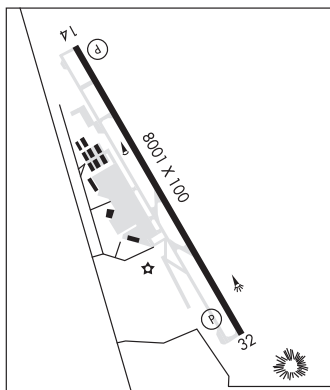
165°-220° byd 30 NM blo 12,000'

COMM/NAV/WEATHER REMARKS: UNICOM not monitored.

PHOENIX

H-4J, L-7E

IAP

**LAUGHLIN/BULLHEAD INTL** (See BULLHEAD CITY on page 33)**LIBBY** N31°35.38' W110°21.30' NOTAM FILE FHU.**(T) VOR/DME** 113.6 FHU Chan 83 at Sierra Vista Muni-Libby AAF. 4665/13E. VOR unmonitored when gca clsd. **H-4K, L-5C**

military use: No NOTAM MP 1500-1900Z 2nd Tue of Month

VOR/DME unusable:

110°-235° byd 10 NM

PHOENIX

LUKE AFB (LUF)(KLUF) AF 7 W UTC-7 N33°32.10' W112°22.99'
1085 B NOTAM FILE LUF Not insp.

PHOENIX
H-4J, L-5B, A
DIAP, AD

RWY 03L-21R: H10012X150 (CONC) PCN 50 R/C/W/T HIRL

RWY 03L: PAPI(P4L)—GA 3.0° TCH 50'. Rgt tfc.

RWY 21R: PAPI(P4L)—GA 3.0° TCH 47'.

RWY 03R-21L: H9904X150 (CONC) PCN 62 R/B/W/T HIRL

RWY 03R: ALSF1. PAPI(P4L)—GA 3.0° TCH 51'. Rgt tfc.

RWY 21L: ALSF1. PAPI(P4L)—GA 3.0° TCH 47'.

ARRESTING GEAR/SYSTEM

RWY 03L RWY 03L- MB60 (35' OVRN) HOOK BAK-12B(B) (1444).

RWY 21R- MB60 (35' OVRN) HOOK BAK-12B(B) (1519). **RWY 21R**

RWY 03R RWY 03R- MB60 (35' OVRN) HOOK BAK-12B(B) (1413).

RWY 21L- MB60 (35' OVRN) HOOK BAK-12B(B) (1453 FT). **RWY 21L**

SERVICE: S4 0X 1, 2, 3, 4 **LGT** Arpt bcn dusk-0700Z. Afd unlighted when fld is clsd. PAPI GS 3° with TD pt aprx 945' past thld on all rwy. Rwy 03R ILS and PAPI GS not coincidental. SSALR only is prim apch lgt sys config; full ALSF-1 lgt avbl upon req or as determined by WX cond. Rwy 03R and Rwy 21L SFLS only avbl at Step 5 ints. Rwy 03L-21R nstd apch lgt system. Rwy edge, thld lgt, and apch lgt set to step 5 daily from 2230Z† til SS, Oct-Feb, unless otherwise req by airborne pilots. **MILITARY— A-GEAR** Rwy 03L-21R apch and dep end BAK-12A in raised position with 8 pt tie-downs, departure end MB60 (lctd in ovrn) in raised posn. Rwy 03R-21L, dep end BAK-12A and MB60 (lctd in ovrn) in raised position, apch end BAK-12A in raised posn with 30 min PN. Dur extn single rwy opr app and dep end BAK-12A and app and dep end MB60 in raised posn for the open rwy. All rwy BAK-12 shelters (8 total) lctd 200' from rwy centerline. **JASU** 2(AM32A-60A) 2(MC-1A) **FUEL** A++ **FLUID** SP PRESAIR LPOX LOX **OIL** O-128-Packaged only, rqr hand transfer; 133-148-156 SOAP **TRAN ALERT** Ltd tran prk. Exp up to 4 hr svc delay. Flw me svc avbl O/R. No fleet svc avbl. No F16 GE eng tran support avbl.

MILITARY REMARKS: Special Air Traffic Rules-Part 93, see Regulatory Notices. Opr Mon-Thu 1330-0530Z, Fri 1330-0130Z; clsd wkends and hol. See FLIP AP/1 Supplementary Arpt Remarks. Tran alert ramp and north ramp used for various acft. Coord and avl rqr by afld management. Rwy 03L-21R groved full len. **RSTD** Ctc afld management for verification. PPR all acft exc AIREVAC and SAAM msn but are rqr to obtain a PPR number for tracking/notifications ctc afld mangement DSN 896-7131, C623-856-7131/7132, fax C623-856-4131. Acft must adhere to PPR arr block time +/- 30 min of scheduled ldg. Tran acft will make full stop ldg dur lcl trng period. Minimum 24 hr advance coord for acft with GWT of 135,000 lb or more. ARFF index Reduced fire fighting and rescue capabilities for KC135 and larger. Weekend/holiday ops further reduce firefighting capabilities for C-37 (Gulfstream 5) and larger. Severe risk/loss. Firefighting forces cannot be exp to extinguish interior fire or successful rescue ops. Only ltd exterior firefighting can be performed. Ctc afld management for verification. No lcl sorties will be flown out by tran acft. AV 8 acft may not conduct hover ldg without specific perms of Luke Twr. All acft will file a flt plan prior to dep. No practice apch for civ acft at Luke AFB and auxiliary fld due to student trng. Twy F clsd UFN. Twy H rstd to fighter acft and smaller. Copters must remain 500' AGL until 1,000' past rwy thld when flying over and raised MB60 arresting system. Acft req practice apch or touch and go's must coord with afld management at least 24 hrs in advance, no PPR req. **CAUTION** Extv student jct tfc. Pilots should use extreme caution when flying Rwy 03-21 final apch course due to VFR flyways. High potential for hydroplaning on both rwy dur wet conditions. 100' unlit obst (trees) lctd 2940' from thld Rwy 03L, 1389' east of extdd rwy cntrln. Bash Phase II (migration) periods in effect year round. Men and eqpt lctd on clsd portion of Twy A in Rwy 21R apch end clear zone daily Fri Sun. Apron lgt pole lctd 1200' SE from Rwy 03R-21L cntrln, 456' and 676' from Rwy 21L thld and apron lgt pole lctd 1430' SW from Rwy 03R-21L cntrln, 676' from Rwy 21L thld. Various 90' lgt poles lctd near fire trng facility lctd 1358.3' from Rwy 21R cntrln. **TFC PAT** Overhead 300 KIAS, 3100' until 5 DME then 2600'. Rwy 03R/L left tfc. Conventional 2100'. Rwy 03L/R left tfc with base leg position to avoid Phoenix Litchfield Arpt Tfc Area 4 NM south. **NS ABTMT** Extremely noise sensitive area 5 NM northeast. **CSTMS/AG/TMG** Min 24 hr PPR, ctc sec forces DSN: 896-5970, Cell: 623-856-5970. CSTMS and IMG unavbl for space avbl and civ pax. Civ pax must be processed at an apv point of embarkation prior to arr. **MISC** Civ acft and 56 fixed wing acft wishing to practice ILS apch at Luke Auxiliary Fld #1 should ctc LUKE RAPCON at C623-856-6448 to verify opr status of ILS. Four engine acft will if authorized, shut down outboard engine prior to taxi after ldg. KC130 or larger acft exp back taxi procedure after ldg Rwy 21L/R will utilize Twy B to tran park. Classified storage for tran aircrews is no longer avbl at Afld Management Ops, please ctc Command Post for storage at DSN 896-5600 or C623-856-5600. No pax tml at Luke AFB. No space A pax accepted. ARFF status reduced to level 3 for weekends, Fed hol, and wing down days. Rwy 03L-21R grooved full length.a

AIRPORT MANAGER: 623-856-7131

WEATHER DATA SOURCES: ASOS Augmented ASOS only avbl dur 56 FW lcl flying..

COMMUNICATIONS: ATIS 134.925 269.9 C623-856-2361/2362 **PTD** 372.2

Ⓡ **APP/DEP** 118.15 363.125 (Mon-Thu 1300-0530Z, Fri 1300-0130Z, clsd weekends and hol)

Ⓡ **PHOENIX APP/DEP CON** 120.7 239.0 (Mon-Thu 0530-1300Z, Fri-Sun 0400-1300Z, clsd hol)

TOWER 119.1 379.9 (Mon-Thu 1330-0530Z, Fri 1330-0130Z, clsd wkends and hol)

GND CON 133.175 335.8 **CLNC DEL** 126.25 273.475

COMD POST (BLABBERMOUTH) 349.4 **PMSV METRO** 267.4 (Wx ops avbl H24)

CONTINUED ON NEXT PAGE

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AIRSPACE: CLASS D svc 1330-0530Z Mon-Thu; 1330-0130Z f; cl Sat-Sun & holidays other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE LUF.

(L) **TACAN** Chan 77 LUF (113.0) N33°32.26' W112°22.81' at fld. 1076/13E.

TACAN unusable:

245°-265° byd 16 NM blo 13,000'

275°-300° byd 16 NM blo 13,000'

No NOTAM MP: 0600-1230Z Sun, Wed

TACAN AZIMUTH unusable:

265°-275° byd 15 NM

ILS 108.7 I-LUF Rwy 03R. No NOTAM MP 0600-1230Z Tue, Thu, Sun. Caution: Isa is 3,600'. Mountain range, 270-degrees, 7.0 DME from airfield.

ILS 110.9 I-EMJ Rwy 21L. Class IT. No NOTAM MP 0600-1230Z Tue, Thu, Sun.

ASR/PAR 1 Apr-30 Sep/wkd 1300Z-0400Z clsd weekend and holiday, 1 Oct-31 Mar/wkd/1400-0400Z clsd weekend and holiday. No NOTAM MP: ASR (digital) 1300-1930Z. Freq OTS until further notice.

MARANA

MARANA RGNL (AVQ)(KAVQ) 15 NW UTC-7 N32°24.57' W111°13.10'

2031 B TPA—See Remarks NOTAM FILE PRC

RWY 12-30: H6901X100 (ASPH) S-75, D-100, 2S-160, 2D-300

MIRL 0.3% up SE

RWY 12: REIL. PAPI(P4L)—GA 3.0° TCH 44'.

RWY 30: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Road. Rgt tfc.

RWY 03-21: H3891X75 (ASPH) S-75, D-100, 2S-135, 2D-150

MIRL

RWY 03: PAPI(P2L)—GA 3.0° TCH 53'. Rgt tfc.

RWY 21: PAPI(P2L)—GA 3.0° TCH 40'. Brush.

SERVICE: S3 FUEL 100LL, JET A QX3 LGTACTIVATE MIRL Rwy 03-21 and Rwy 12-30, REIL Rwy 12 and Rwy 30—CTAF. PAPI Rwy 03, Rwy 21 and Rwy 12 and Rwy 30 opr continuously.

AIRPORT REMARKS: Attended 1400-0030Z. Fuel avbl after hrs call 520-730-4318. Call out fee applies. 100LL avbl 24 hrs. Self fuel with major credit card. Parachute Jumping. Occasional aerobatic activities 2 miles southeast of arpt surface-7000' MSL. Occasional parachute training high and low levels northwest quadrant of arpt. Hot air balloon ops not permitted. Helicopters are not authorized to land at the self fuel island and terminal ramp. All helicopters must land at the helipad at the southeast side of the field. Rwy 12 eff rwy grad 0.20% down, Rwy 30 eff rwy grad 0.42% up. Rwy 12 calm wind rwy. FBO 520-682-2999. Preferred TPA—2800' MSL. Note: See Special Notices Glider Operations Northwest of Tucson, Arizona.

AIRPORT MANAGER: 520-382-8052

WEATHER DATA SOURCES: AWOS-3 118.375 (520) 682-4104.

COMMUNICATIONS: CTAF/UNICOM 123.0

® **TUCSON APP/DEP CON** 119.4

RADIO AIDS TO NAVIGATION: NOTAM FILE TUS.

TUCSON (H) VORTAC 116.0 TUS Chan 107 N32°05.71' W110°54.89' 309° 24.3 NM to fld. 2671/12E. HIWAS.

VORTAC unusable:

050°-080° byd 30 NM blo 11,500'

350°-020° byd 30 NM blo 13,000'

TACAN AZIMUTH & DME unusable:

155°-165° byd 35 NM blo 13,000'

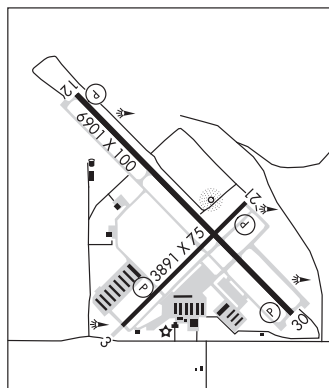
NDB (HW) 245 AVQ N32°24.71' W111°12.94' at fld. 2021/12E. NOTAM FILE PRC.

COMM/NAV/WEATHER REMARKS: For Cinc Del ctc TUS Apmh at 520-829-6121.

PHOENIX

H-4I, L-5C

IAP



PINAL AIRPARK (MZJ)(KMZJ) 7 NW UTC-7 N32°30.59' W111°19.52'PHOENIX
H-4J, L-5C

1893 B TPA—See Remarks NOTAM FILE MZJ

RWY 12-30: H6849X150 (ASPH) S-68, D-100, 2D-270,

2D/2D2-500 MIRL 0.3% up SE

RWY 12: Brush.**RWY 30:** Brush. Rgt tfc.**SERVICE:** S4 **FUEL** 100LL, JET A **OX** 1, 2

AIRPORT REMARKS: Attended 1400-2230Z. For fuel and ground support services after hours and holidays 24 hour PPR call 520-682-4181 extension 5755, call-in fee \$150. Parachute Jumping. Rwy 12-30, double triple dual tandem wheel acft max 500,000 lbs, except PPR 520-682-4181 extension 5755. Be alert to -10' open channel 1000' from Rwy 12 end. Numerous controlled vehicles crossing Rwy 12-30. Coyotes and other wild animals in vicinity of Rwy 12-30 during evening hours. Wildlife on or in/ov arpt. Rwy 12 preferred calm wind rwy. Extensive military helicopter training 1400-0600Z except holidays. Extensive military parachute training high and low levels all hours. Parachute jump areas located southwest of Rwy 12-30. Unicom monitored intermittently during normal business hours.

TPA—3002(1109) fixed wing acft; 2602(709) rotary wing acft. Twy C clsd indef. Acft storage/overnight fee ctc 520-682-4181 extension 5755. PPR for transient acft to National Guard Complex/Silver Bell National Guard Heliport phone DSN 853-5931, C520-750-5931 (National Guard ops). Note: See Special Notices—Glider Operations Northwest of Tucson, Arizona.

AIRPORT MANAGER: 520-866-6545**WEATHER DATA SOURCES:** AWOS-3 130.375 (520) 682-3519.**COMMUNICATIONS:** CTAF/UNICOM 123.05**RADIO AIDS TO NAVIGATION:** NOTAM FILE TUS.

TUCSON (H) VORTAC 116.0 TUS Chan 107 N32°05.71' W110°54.89' 308° 32.4 NM to fld. 2671/12E.
HIWAS.

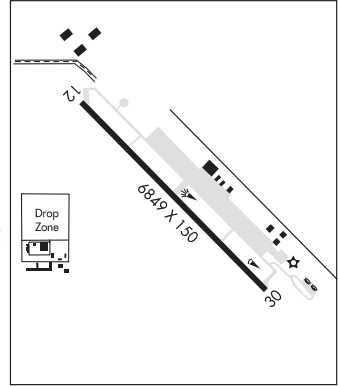
VORTAC unusable:

050°-080° byd 30 NM blo 11,500'

350°-020° byd 30 NM blo 13,000'

TACAN AZIMUTH & DME unusable:

155°-165° byd 35 NM blo 13,000'

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc TUS Apch at 520-829-6121.**MARBLE CANYON** (L41) 1 SW UTC-7 N36°48.65' W111°38.67'LAS VEGAS
L-8G

3603 NOTAM FILE PRC

RWY 03-21: H3715X35 (ASPH)**RWY 21:** Tree.

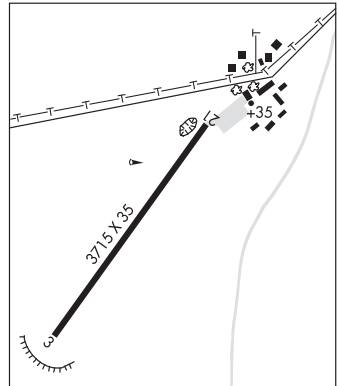
AIRPORT REMARKS: Attended dalgt hours. Rwy 03 first 1000' rough and badly rutted. Rwy 03 centerline only, no numbers or thld. Rwy 21 centerline only, no numbers or thld. No line of sight between rwy ends. Rwy 03-21 3530' resurfaced and centerline marked, additional 206' of pavement (not resurfaced) on Rwy 03 thld end. Landing fee. \$5 single, \$10 twin, \$5 for helicopter. Pilots should monitor 122.9 within 5 NM of arpt. Phone to cancel flight plans across road at restaurant/motel.

AIRPORT MANAGER: 928-355-2225**COMMUNICATIONS:** CTAF 122.9**KAYENTA RCO** 122.45 (PRESCOTT RADIO)**RADIO AIDS TO NAVIGATION:** NOTAM FILE PGA.**PAGE (L) VOR/DME** 117.6 PGA Chan 123 N36°55.86'W111°26.85' 220° 11.9 NM to fld. 4277/13E. **HIWAS.**

VOR/DME unusable:

105°-230° byd 30 NM blo 11,000'

230°-245° byd 30 NM blo 12,000'



MARICOPA**AK-CHIN RGNL** (A39) 5 ESE UTC-7 N32°59.43' W111°55.13'**PHOENIX**
H-4I, L-5B, A

1307 B NOTAM FILE PRC

RWY 04-22: H4751X50 (ASPH) MIRL 0.7% up NE**RWY 04:** Road.**RWY 22:** Thld dspclcd 290'. Fence.**RUNWAY DECLARED DISTANCE INFORMATION****RWY 04:** TORA-4751 TODA-4751 ASDA-4751 LDA-4751**RWY 22:** TORA-4751 TODA-4751 ASDA-4751 LDA-4461**SERVICE:** S4 FUEL 100LL LGT ACTIVATE MIRL Rwy 04-22—CTAF.**AIRPORT REMARKS:** Attended Mon-Fri 1500-0000Z, Sat 1430-2230Z. Fuel avbl 24 hrs, self-serve with major credit card.

Ultralight activity invof arpt. 45' p-line 2 miles south southwest and 2 miles northeast of arpt. Antenna estimated to be approximately 200'-300' or more AGL, approximately 3 miles west northwest from west boundary of Ak-Chin Rgnl Arpt.

Rwy 22 +8' fence 116' from EOR, highway 166' from EOR. FBO 520-413-3110.

AIRPORT MANAGER: 520-568-1683**WEATHER DATA SOURCES:** AWOS-3 126.900 (520) 568-7704.**COMMUNICATIONS:** CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE PRC.**PHOENIX (H) VORTACW** 115.6 PXR Chan 103 N33°25.98' W111°58.21' 162° 26.6 NM to fld. 1182/12E.

VOR unusable:

345°-360° byd 33 NM blo 10,000'

TACAN AZIMUTH & DME unusable:

345°-360° byd 33 NM blo 11,000'

VORTAC unusable:

015°-034° byd 33 NM blo 10,000'

090°-100° byd 15 NM blo 8,000'

185°-190° byd 30 NM blo 8,000'

185°-190° byd 38 NM blo 9,000'

190°-230° byd 20 NM blo 10,000'

345°-034° byd 10 NM blo 6,000'

345°-034° byd 20 NM blo 8,000'

360°-015° byd 33 NM blo 11,000'

DME unusable:

215°-315°

ESTRELLA SAILPORT (E68) 6 W UTC-7 N33°05.12' W112°09.66'**PHOENIX**

1273 NOTAM FILE PRC

RWY 07-25: 3740X20 (DIRT)**RWY 07:** Brush.**RWY 25:** Brush.**RWY 06R-24L:** H2520X30 (ASPH)**RWY 06R:** Rgt tfc.**RWY 06C-24C:** 1995X25 (DIRT)**RWY 06C:** Brush. Rgt tfc.**RWY 24C:** Brush.**RWY 06L-24R:** 1910X25 (DIRT)**RWY 06L:** Tree. Rgt tfc.**AIRPORT REMARKS:** Attended Mon-Fri 1800Z-dusk, Sat and Sun 1600Z-dusk. Arpt CLOSED at ngt. All acft PPR due to heavy glider activity ctc (520) 568-2318. Hills northwest, west, southwest. Powered aircraft pattern is S of runways; glider pattern is N of runways. Powered aircraft are requested to use rwy not in use by gliders. Powered acft be alert for heavy glider tfc operating without communication within 5 NM of Estrella Sailport. An aerobatic box is active from 1600-0100Z, one square mile around the PXR194023. Heavy no-radio activity. Paved rwy for tkf only. Frequency 123.3 avbl for communication between glider and tow acft.**AIRPORT MANAGER:** 520-568-2318**COMMUNICATIONS:** CTAF 122.9**MEADVIEW****PEARCE FERRY** (L25) 3 N UTC-7 N36°05.59' W114°02.80'**LAS VEGAS**

2941 NOTAM FILE PRC

RWY 01-19: 2900X110 (DIRT)**RWY 01:** Rgt tfc.**AIRPORT REMARKS:** Unattended. Rubber tires in "X" pattern mark CLOSED-abandoned rwy. Signs 1050' from Rwy 01, 90' left; 200' from Rwy 19, 110' left. Rwy 01-19 550' stopway south of Rwy 01 covered with large loose rocks and low vegetation. Scattered +5' bushes along the east and west side of Rwy 01-19. Rwy 01-19 center 50' clear of vegetation. Gravel apron area located west side of Rwy 19 near apch end.**AIRPORT MANAGER:** (702) 293-2011**COMMUNICATIONS:** CTAF 122.9

MESA

FALCON FLD (FFZ)(KFFZ) 5 NE UTC-7 N33°27.65' W111°43.70'

1394 B TPA—See Remarks NOTAM FILE FFZ

RWY 04R-22L: H5101X100 (ASPH) S-38, D-60, 2D-90 MIRL
0.6% up NE

RWY 04R: REIL. PAPI(P4L)—GA 4.0° TCH 42'. Road.

RWY 22L: REIL. PAPI(P4L)—GA 4.0° TCH 49'. Tree. Rgt tfc.

RWY 04L-22R: H3799X75 (ASPH) S-12.5 MIRL 0.5% up NE

RWY 04L: REIL. PAPI(P2L)—GA 4.0° TCH 42'. Pole.

RWY 22R: REIL. PAPI(P2L)—GA 4.0° TCH 42'. Road. Rgt tfc.

SERVICE: S4 FUEL 100LL, JET A1+ OX 1, 2, 3, 4 LGT Rwy 22L PAPI does not provide obstruction clnc byd 4.0 NM from thld. When twr clsd MIRL Rwy 04R-22L and twy lgts preset low ints, to increase ints ACTIVATE—124.6. MIRL Rwy 04L-22R unavailable when twr clsd. For REIL Rwy 04R and Rwy 22L ctc twr.

AIRPORT REMARKS: Attended continuously. For svc ctc FBO on 122.950 (480-832-2582). Rwy 04L-22R clsd when twr clsd. Birds invof arpt. Coyotes and other wildlife occasionally crossing rwys and twys. Turbulent conditions may be encountered blo 500' AGL near gnd test site 1.5 miles north of arpt. Rising terrain northeast of arpt. Extensive fixed wing and rotorcraft flight training activity. Do not mistake Boeing heliport 1 mile north for a rwy. TPA-2400 (1006) for light acft, 2900 (1506) for large and turbine-powered acft, 1900 (506) for rotorcraft.

Rwy 04R and Rwy 04L are the preferred rwys when wind conditions are less than 5 knots. Repetitive training opns use Rwy 04L-22R whenever possible. Avoid repetitive training ops 0500-1230Z. Voluntary noise abatement procedures in effect. For noise abatement procedures call 480-644-2444. Noise sensitive areas all quadrants. Blast pads installed on Rwy 04L and Rwy 22R. Blast pads dimensions, 150' x 95'.

AIRPORT MANAGER: 480-644-2450

WEATHER DATA SOURCES: ASOS 118.25 (480) 641-4111. LAWRS.

COMMUNICATIONS: CTAF 124.6 ATIS 118.25 480-641-9378. UNICOM 122.95

Ⓡ **PHOENIX APP/DEP CON** 120.7

TOWER 124.6 (May 15-Aug 15 1230-0400Z, Aug 16-May 14 1300-0400Z) **GND CON** 121.3

AIRSPACE: CLASS D svc May 15-Aug 15 1230-0400Z, Aug 16-May 14 1300-0400Z other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE PRC.

PHOENIX (H) VORTACW 115.6 PXR Chan 103 N33°25.98' W111°58.21' 070° 12.3 NM to fld. 1182/12E.

VOR unusable:

345°-360° byd 33 NM blo 10,000'

TACAN AZIMUTH & DME unusable:

345°-360° byd 33 NM blo 11,000'

VORTAC unusable:

015°-034° byd 33 NM blo 10,000'

090°-100° byd 15 NM blo 8,000'

185°-190° byd 30 NM blo 8,000'

185°-190° byd 38 NM blo 9,000'

190°-230° byd 20 NM blo 10,000'

345°-034° byd 10 NM blo 6,000'

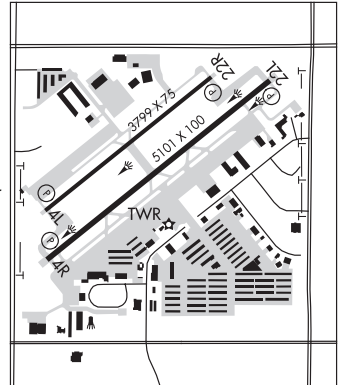
345°-034° byd 20 NM blo 8,000'

360°-015° byd 33 NM blo 11,000'

DME unusable:

215°-315°

COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not available at twr.



PHOENIX

H-4J, L-5B, A

IAP AD

MINGUS MOUNTAIN N34°42.14' W112°07.03'

RCO 122.3 (PRESCOTT RADIO)

PHOENIX

H-4J, L-8F

MOUNT LEMMON N32°24.51' W110°44.04'

RCO 122.4 (PRESCOTT RADIO)

PHOENIX

L-5C

NOGALES INTL (OLS)(KOLS) 7 NE UTC-7 N31°25.06' W110°50.87'

3955 B AOE NOTAM FILE OLS

RWY 03-21: H7200X100 (ASPH) S-21 MIRL 1.6% up NE

RWY 03: PAPI(P4L)—GA 3.0° TCH 68'.

RWY 21: PAPI(P4L)—GA 4.0° TCH 17'. Thld dspcd 899'. Brush.

SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTIVATE MIRL Rwy 03-21—CTAF.

AIRPORT REMARKS: Attended 1400-0200Z. Wildlife on or invof arpt. Straight-in apchs not recommended. Gross weight S-21 for center 90', remainder of rwy width is S-7. Rwy 03 is CLOSED to touch and go landing. Rwy 21 designated calm wind rwy. Flight Notification Service (ADCUS) available. NOTE: See Special Notices—U.S. Special Customs Requirement.

AIRPORT MANAGER: 520-287-9120

WEATHER DATA SOURCES: ASOS 121.125 (520) 287-9332.

COMMUNICATIONS: CTAF/UNICOM 122.8

RCO 122.4 (PRESCOTT RADIO)

② TUCSON APP/DEP CON 125.1

RADIO AIDS TO NAVIGATION: NOTAM FILE OLS.

(L) **VOR/DME** 108.2 OLS Chan 19 N31°24.90' W110°50.93' at fld. 3877/12E.

VOR/DME unusable:

030°-080° byd 25 NM blo 17,900'

330°-355° byd 30 NM blo 13,500'

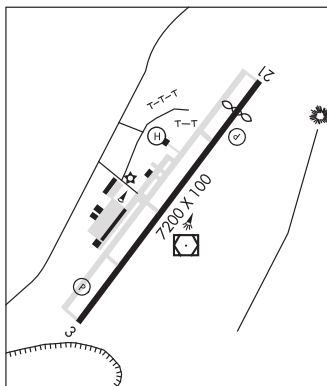
COMM/NAV/WEATHER REMARKS: Call Prescott Radio on 122.4 to close all flight plans. For Clnc Del ctc TUS Apch at 520-829-6121.

• • • • •
HELIPAD H1: H97X97 (CONC)

PHOENIX

H-4J, L-5C

IAP



PAGE MUNI (PGA)(KPGA) 1 E UTC-7 N36°55.57' W111°26.90'

4316 B Class III, ARFF Index A NOTAM FILE PGA

RWY 15-33: H5950X150 (ASPH) S-65, D-90, 2S-114, 2D-190

PCN 15 F/C/W/T MIRL 1.2% up S

RWY 15: REIL. VASI(V4L)—GA 3.0° TCH 52'.

RWY 33: REIL. VASI(V4L)—GA 3.0° TCH 30'. Rgt tfc.

RWY 07-25: H2201X75 (ASPH) D-12.5 PCN 2 F/D/Y/T

RWY 07: Thld dspcd 588'.

RWY 25: Rgt tfc.

SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 3, 4 **LGT** ACTIVATE MIRL Rwy 15-33 and REIL Rwy 15 and Rwy 33—CTAF. VASI Rwy 15 and Rwy 33 opr continuously.

AIRPORT REMARKS: Attended dalgt hours. For fuel after hours ctc 928-660-1060 or 928-645-5356. CLOSED to air carrier ops with more than 30 passenger seats except 24 hr prior permission call arpt manager 928-645-8861. ARFF avbl 5-7 minutes without prior permission. Use Rwy 07-25 only during high winds. Overnight parking fee.

AIRPORT MANAGER: (928) 614-0785

WEATHER DATA SOURCES: ASOS 120.625 (928) 645-1228. **HIWAS** 117.6 PGA.

COMMUNICATIONS: CTAF/UNICOM 122.8

RCO 122.6 (PRESCOTT RADIO)

KAYENTA RCO 122.45 (PRESCOTT RADIO)

DENVER CENTER APP/DEP CON 127.55

RADIO AIDS TO NAVIGATION: NOTAM FILE PGA.

(L) **VOR/DME** 117.6 PGA Chan 123 N36°55.86' W111°26.85' at fld. 4277/13E. **HIWAS.**

VOR/DME unusable:

105°-230° byd 30 NM blo 11,000'

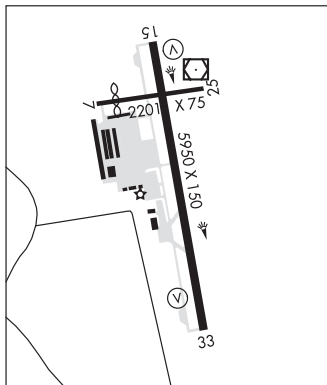
230°-245° byd 30 NM blo 12,000'

COMM/NAV/WEATHER REMARKS: UNICOM advisory avbl 122.8 SR to SS only.

LAS VEGAS

H-4J, L-8G, 9C

IAP



PARKER

AVI SUQUILLA (P20) 1 E UTC-7 N34°08.99' W114°16.07'

458 B TPA—1258(800) NOTAM FILE PRC

RWY 01-19: H6250X100 (ASPH) S-30, D-50 MIRL

RWY 01: PAPI(P4L)—GA 3.0° TCH 40'. Rgt tfc.

RWY 19: PAPI(P4L)—GA 3.0° TCH 40'.

SERVICE: S2 **FUEL** 100LL, JET A **LGT** ACTIVATE MIRL Rwy 01-19 and twy lghts—CTAF.

AIRPORT REMARKS: Attended 1500-0000Z. Service fee for fuel when arpt is unattended. Intermittent high altitude military parachute activity in vicinity of arpt. For airframe/power plant repairs call arpt manager 928-669-2168. Calm wind Rwy 19. Rwy 01-19 intersection takeoffs prohibited from Twy A2. Rwy 01-19 150' blast pads both ends.

AIRPORT MANAGER: 928-669-2168

WEATHER DATA SOURCES: AWOS-3PT 132.75 (928) 669-2160.

COMMUNICATIONS: CTAF/UNICOM 122.725

L.A. CENTER APP/DEP CON 128.15

RADIO AIDS TO NAVIGATION: NOTAM FILE RAL.

PARKER (H) VORTAC 117.9 PKE Chan 126 N34°06.12' W114°40.92' 067° 20.8 NM to fld. 1000/15E.

VOR unusable:

- 090°-110° byd 25 NM blo 3,800'
- 110°-140° byd 8 NM blo 4,200'
- 140°-155° byd 20 NM blo 4,200'
- 155°-170° byd 25 NM blo 4,900'
- 170°-185° byd 30 NM blo 4,900'
- 230°-240° byd 33 NM blo 5,900'
- 260°-290° byd 29 NM blo 5,900'
- 290°-300° byd 33 NM blo 6,800'
- 300°-315° byd 25 NM blo 6,800'
- 325°-335° byd 25 NM blo 5,300'

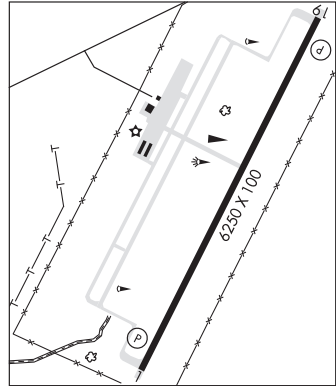
TACAN AZIMUTH & DME portion unusable:

- 090°-167°
- 167°-170° byd 25 NM blo 4,900'
- 170°-185° byd 30 NM blo 4,900'
- 230°-240° byd 33 NM blo 5,900'
- 260°-290° byd 29 NM blo 5,900'
- 290°-300° byd 33 NM blo 6,800'
- 300°-315° byd 25 NM blo 6,800'
- 325°-335° byd 25 NM blo 5,300'

PHOENIX

H-4J, L-5A

IAP



PAYSON (PAN)(KPAN) 1 W UTC-7 N34°15.41' W111°20.36'

5157 B TPA—See Remarks NOTAM FILE PRC

RWY 06-24: H5504X75 (ASPH) S-40, D-50, 2D-100 MIRL

0.3% up E

RWY 24: PAPI(P2L). Rgt tfc.

SERVICE: S4 **FUEL** 100LL, JET A **LGT** MIRL preset low ints to increase ints ACTIVATE—CTAF. PAPI Rwy 24 opr continuously.

AIRPORT REMARKS: Attended 1400-2300Z. Self-serve fuel only with credit card. Fuel facility located at west end of arpt. For safety of movement, follow taxi direction signs in the self-fueling area. Jet A with additive. Single point avbl. No fuel trucks avbl. For fueling assistance call 928-970-0887. Rwy 24 calm wind rwy. Departure noise abatement procedures in effect, turn north 30° for 2 NM. Avoid arrival/departure over town below 1,000'. TPA—Prop engine 6200 (1043), jet/multi-engine and large engine 6700 (1543), helicopters 5700 (543).

AIRPORT MANAGER: 928-472-4748

WEATHER DATA SOURCES: AWOS-3 119.325 (928) 472-4260.

COMMUNICATIONS: CTAF/UNICOM 122.8

MINGUS MOUNTAIN RCO 122.3 (PRESCOTT RADIO)

ALBUQUERQUE CENTER APP/DEP CON 127.675

RADIO AIDS TO NAVIGATION: NOTAM FILE INW.

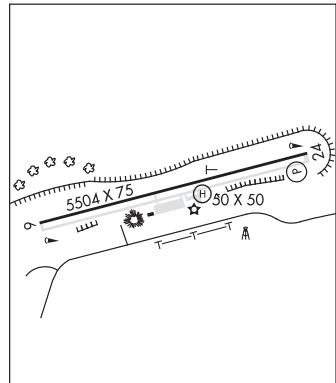
WINSLOW (H) VORTACW 112.6 INW Chan 73 N35°03.70' W110°47.70' 195° 55.2 NM to fld. 4913/14E.

HIWAS.

PHOENIX

H-4J, L-5C, 8G

IAP



• • • • •
HELIPAD H1: H50X50 (CONC)

PEACH SPRINGS**GRAND CANYON CAVERNS** (L37) 9 E UTC-7 N35°31.63' W113°14.85'

PHOENIX

5397 NOTAM FILE PRC

RWY 05-23: 5100X45 (GRVL)**RWY 05:** Fence.**RWY 23:** Fence.

AIRPORT REMARKS: Attended dalgt hours. Deer and elk on and in/ov arpt. Prairie dog holes at rwy edge full length. Rwy 05-23 2-3' brush within 10' of rwy edge full length. Rwy 05 + 4-6' fence both sides of rwy plus/minus 200' from thld. Fence and ponds within primary sfc 400-800' from Rwy 23 thld. Rwy 05-23 dsplcd thlds marked with 2 painted tires on each side of rwy.

AIRPORT MANAGER: 928-422-3223**COMMUNICATIONS:** CTAF/UNICOM 122.8**GRAND CANYON WEST** (1G4) 60 NW UTC-7 N35°59.17' W113°49.02'

LAS VEGAS

4817 B Class III, ARFF Index A NOTAM FILE PRC

H-4J, L-8F, A

RWY 17-35: H5000X75 (ASPH-GRVD) S-30 MIRL 1.1% up S**RWY 17:** REIL. PAPI(P4L)—GA 3.0° TCH 39'. Rgt tfc.**RWY 35:** REIL. PAPI(P4L)—GA 3.0° TCH 38'.

SERVICE: LGT ACTIVATE REIL Rwy 17 and Rwy 35, and MIRL Rwy 17-35—CTAF.

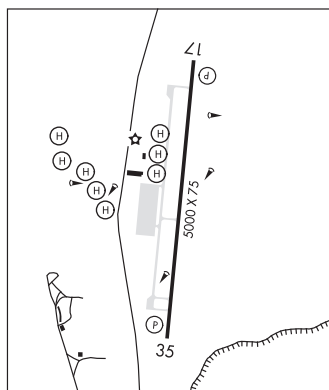
AIRPORT REMARKS: Attended dalgt hrs. Use extreme care due to large volume of high-speed fixed wing and rotary wing tfc in and around vicinity of the arpt. Due to high commercial fixed wing and helicopter tfc volume no practice touch and go ops. Recommend using Rwy 35 for departures and Rwy 17 for ldg. Transient acft must park at south end of apron.

AIRPORT MANAGER: 928-769-2627X228**WEATHER DATA SOURCES:** AWOS-3PT 119.425.**COMMUNICATIONS:** CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE PRC.

PEACH SPRINGS (H) VOR/DME 112.0 PGS Chan 57 N35°37.48' W113°32.67' 314° 25.4 NM to fld. 4760/15E. **HIWAS.**

VOR unusable:
205°-255° byd 30 NM blo 10,500'

DME unusable:
205°-255° byd 30 NM blo 10,500'

**PEACH SPRINGS** N35°37.48' W113°32.67' NOTAM FILE PRC.

PHOENIX

(H) VOR/DME 112.0 PGS Chan 57 314° 25.4 NM to Grand Canyon West. 4760/15E. **HIWAS.**

H-4J, L-8F

VOR unusable:
205°-255° byd 30 NM blo 10,500'

DME unusable:
205°-255° byd 30 NM blo 10,500'

RCO 122.25 (PRESCOTT RADIO)**PEARCE FERRY** (See MEADVIEW on page 54)

PEORIA

PLEASANT VALLEY (P48) 0 N UTC-7 N33°48.04' W112°15.04'

PHOENIX

- 1580 NOTAM FILE PRC
- RWY 05C-23C:** 4200X100 (DIRT)
- RWY 05C:** Thld dsplcd 490'. Road. Rgt tfc.
- RWY 23C:** Thld dsplcd 200'. Road.
- RWY 05L-23R:** 4200X100 (GRVL)
- RWY 05L:** Thld dsplcd 480'. Road.
- RWY 23R:** Thld dsplcd 63'. Road. Rgt tfc.
- RWY 05R-23L:** 4200X100 (DIRT)
- RWY 05R:** Thld dsplcd 580'. Road. Rgt tfc.
- RWY 23L:** Thld dsplcd 240'. Road.
- RWY 14-32:** 2400X100 (GRVL)
- RWY 14:** Thld dsplcd 200'. Rgt tfc.
- RWY 32:** Thld dsplcd 300'. Road.

SERVICE: FUEL 100LL

AIRPORT REMARKS: Attended 1600-0000Z. All rwys soft when wet. Aerobatic activity on and infov arpt. Extensive glider and ultralight activity on and infov arpt. Rwy 14-32 preferred landings and takeoffs north of all intersections of Rwy 05-23. Powered acft preferred Rwy 23R-05L. Rwy 23C, Rwy 23R and Rwy 23L +24' P-line marked with balls across thlds. Bldg and parked acft located 120' South of Rwy 05R-23L approximately midpoint. Rwy separations do not meet minimum standards, simultaneous ops not authorized on any two rwys. Shallow underground gas pipelines located 240' from end of runway 23L, 23C, and 23R. Dsplcd thlds on all rwys marked with white chalk and small white tires. Ctc FBO on 122.90.

AIRPORT MANAGER: 602-439-3621

COMMUNICATIONS: CTAF 122.9

PHOENIX

PHOENIX DEER VALLEY (DVT)(KDVT) 15 N UTC-7 N33°41.30' W112°04.95'

PHOENIX

- 1478 B TPA—See Remarks NOTAM FILE DVT
- RWY 07R-25L:** H8196X100 (ASPH) S-20, D-91, 2D-255
- PCN 29 F/C/Y/T MIRL

H-4J, L-5B, A

IAP, AD

- RWY 07R:** REIL. PAPI(P2L)—GA 3.0° TCH 42'. Thld dsplcd 898'. Sign. Rgt tfc. 0.5% up.
- RWY 25L:** REIL. PAPI(P2L)—GA 3.0° TCH 38'. Thld dsplcd 916'. Hill. 0.4% down.
- RWY 07L-25R:** H4500X75 (ASPH) S-70, D-117 PCN 50 F/C/Y/T MIRL 0.5% up E
- RWY 07L:** REIL. PAPI(P2L)—GA 3.5° TCH 51'. Tree.
- RWY 25R:** REIL. PAPI(P2L)—GA 4.0° TCH 48'. Hill. Rgt tfc.

RUNWAY DECLARED DISTANCE INFORMATION

- RWY 07R:** TORA-8196 TODA-8196 ASDA-8196 LDA-7299
- RWY 25L:** TORA-8196 TODA-8196 ASDA-8196 LDA-7281

SERVICE: S4 FUEL 100LL, JET A 0X1, 3 LGT MIRL Rwy 07R-25L and Rwy 07L-25R, PAPI Rwy 07L-25R and Rwy 07R-25L and REIL Rwy 07L-25R and Rwy 07R-25L on when twr clsd

AIRPORT REMARKS: Attended 1300-0700Z. Fuel avbl 24 hr self svc 100LL only with major credit card. Lgtd hills NE, E, SE and W. Flocks of birds and wildlife on and infov arpt. Hot air balloon ops N, NE and NW of arpt. Intensive pilot training area, exercise extreme vigilance within 20 NM. Extensive flight training infov arpt. Aerobatic practice area approximately 8.5 miles NW of DVT arpt from sfc to 6,000 MSL. Rwy 07L-25R is designated training rwy. Fee for all charters; travel clubs and certain revenue producing acft. Special Air Traffic Rule (SATR) in effect west of arpt check sectional/TAC. TPA-2500(1022) single engine and 3000(1522) multi engine.

AIRPORT MANAGER: 623-869-0975

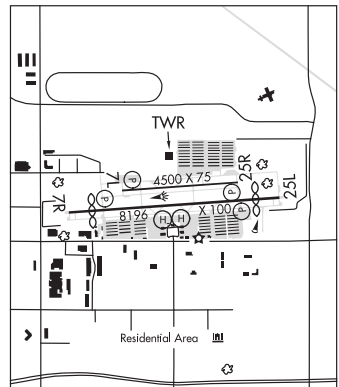
WEATHER DATA SOURCES: ASOS (623) 587-7764

COMMUNICATIONS: CTAF 118.4 UNICOM 122.95 ATIS 126.5

PHOENIX RCO 122.6 122.2 (PRESCOTT RADIO)

Ⓡ PHOENIX APP/DEP CON 120.7

DEER VALLEY TOWER 118.4 (Arr 070°-250° and Rwy 07R-25L Dep) 120.2 (Arr 251°-069° and Rwy 07L-25R Dep) (1300-0700Z) GND CON 121.8 CLNC DEL 123.9



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AIRSPACE: CLASS D svc 1300-0700Z other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE PRC.

(H) **VORTACW** 115.6 PXR Chan 103 N33°25.98' W111°58.21' 328° 16.3 NM to fld. 1182/12E.

VOR unusable:

345°-360° byd 33 NM blo 10,000'

TACAN AZIMUTH & DME unusable:

345°-360° byd 33 NM blo 11,000'

VORTAC unusable:

015°-034° byd 33 NM blo 10,000'

090°-100° byd 15 NM blo 8,000'

185°-190° byd 30 NM blo 8,000'

185°-190° byd 38 NM blo 9,000'

190°-230° byd 20 NM blo 10,000'

345°-034° byd 10 NM blo 6,000'

345°-034° byd 20 NM blo 8,000'

360°-015° byd 33 NM blo 11,000'

DME unusable:

215°-315°

COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not available at twr.

PHOENIX SKY HARBOR INTL (PHX)(KPHX) P (ANG) 3 E UTC-7 N33°26.06' W112°00.70'

PHOENIX

1135 B TPA—See Remarks LRA Class I, ARFF Index D NOTAM FILE PHX

H-41, L-5B, A

RWY 08-26: H11489X150 (CONC-GRVD) S-30, D-200, 2S-175,

2D-455, 2D/2D2-965 PCN 74 R/B/W/T HIRL

RWY 08: MALSF. PAPI(P4L)—GA 3.0° TCH 69'. Thld dsplcd 898'.

Bldg.

RWY 26: REIL. PAPI(P4L)—GA 3.0° TCH 60'. Road. Rgt tfc.

RWY 07L-25R: H10300X150 (CONC-GRVD) S-30, D-235, 2S-175,

2D-435, 2D/2D2-940 PCN 70 R/B/W/T HIRL

RWY 07L: MALSR. PAPI(P4L)—GA 3.0° TCH 73'. RVR-T Pole. Rgt tfc.

RWY 25R: PAPI(P4L)—GA 3.0° TCH 70'. RVR-R Antenna.

RWY 07R-25L: H7800X150 (CONC-GRVD) S-30, D-200, 2S-175,

2D-400, 2D/2D2-1010 PCN 79 R/B/W/T HIRL

RWY 07R: MALSR. PAPI(P4L)—GA 3.0° TCH 70'. Pole.

RWY 25L: MALSR. PAPI(P4L)—GA 3.0° TCH 66'. Antenna.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 07L:TORA-10300 TODA-10300 ASDA-10300 LDA-10300

RWY 07R:TORA-7800 TODA-7800 ASDA-7800 LDA-7800

RWY 08:TORA-11489 TODA-11489 ASDA-11489 LDA-10591

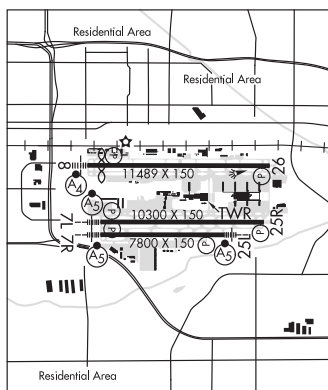
RWY 25L:TORA-7800 TODA-7800 ASDA-7800 LDA-7800

RWY 25R:TORA-10300 TODA-10300 ASDA-10300 LDA-10300

RWY 26:TORA-11489 TODA-11489 ASDA-11489 LDA-11489

SERVICE: S4 FUEL 100LL, JET A OX 1, 2, 3, 4 **MILITARY—** JASU 1(MD-3M) 1(MA-1A) FUEL J4—Ltd supply (MIL), A+ (C602-273-3770.) (NC-100LL, A) FLUID LPOX LOX OIL O-148 (Mil)

AIRPORT REMARKS: Attended continuously. Bird activity within 10 miles of arpt up to 10,000' MSL. ASDE-X in use. Operate transponders with altitude reporting mode and ADS-B (if equipped) enabled on all airport surfaces. TPA—2135(1000) lgt acft and non-turbo jets; 2635(1500) heavy acft and turbojets. NS ABTMT procedures are in effect at all times ctc 602-273-4300 for more info. Twy R and portions of Twy S and Twy T directly blo the twr are non-visible areas from the twr. Phoenix Twr unable to provide ATC svc to acft while on Twr R and portions of Twy S and Twy T. Twy D btn int Twy D8 and Twy D9 rstd to acft with wingspan 135' or less. Twy R overhead train bridge at midpoint provides 82' -4" clnc. When ANG afld clsd, tran acft use FBO cutter AVN for svc C602-273-1237, 128.875. FAA navigational antennas lctd 114' north and south of Twy F cntrln, 525' west of Twy G3 int. FAA navigation eqpnt shacks lctd 117' north and 117' south of Twy F cntrln btn Twys G2 and G3 int. Twy Foxtrn btn twy int G2 and G3 clsd to acft with wingspan greater than 135' due to FAA nav equipment. No experimental flt of gnd demonstration on arpt without prior written consent from the arpt. This arpt has been surveyed by the National Geodetic Survey. National guard has ltd tran maintenance and parking RON by prior permission. Acft design group VI opr with PPR. No touch and go or stop and go ops allowed btn 1300 and 0600Z without prior written consent from arpt. No engine runs on arpt without prior coord with arpt ops 48 hrs prior to arr. Intl ldg rghts rqr U.S. CSTMS and Border Protection notification 48 hrs prior to ldg. GA should review arpt safety video @ <http://skyharbor.com/business/forpilots/safetyvideoforpilots>. General aviation should ctc arpt mgr 602-273-3300 as to how to view/review arpt video. Rwy 08 PAPI 7° left of RCL unusable. Rwy status lgts are in opr. Arpt communication center (602) 273-3302. Ldg fee. Overnight parking fee. Fee for all charters, travel clubs and certain revenue producing acft. Flight Notification Service (ADCUS) available. NOTE: See Special Notices—Continuous Power Facilities.



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AIRPORT MANAGER: 602-273-3300

WEATHER DATA SOURCES: ASOS (602) 231-8557 TDWR.

COMMUNICATIONS: D-ATIS 127.575

RCO 122.6 122.2 (PRESCOTT RADIO)

® APP/DEP CON 124.1 (119°-138° 7500' -14,500') (192°-263° 7500' -12,500') 119.2 (319°-057° 7500' and abv) 120.7 (319°-057° blo 7500') 123.7 (119°-138° blo 7500') (139°-191° blo 8500') 124.9 (058°-118° blo 10,500') 126.8 (058°-118° 10,500' and abv) (119°-138° abv 14,500') (139°-191° 8500' and above) (192°-263° abv 12,500') 128.65 (340°-079° abv 5,500') 126.375

TOWER 118.7 (Rwy 08-26) 120.9 (Rwy 07R-25L and Rwy 07L-25R) GND CON 119.75 (North) 132.55 (South)

CLNC DEL 118.1

CPDLC (LOGON KUSA)

AIRSPACE: CLASS B See VFR Terminal Area Chart

VOR TEST FACILITY (VOT) 109.0

RADIO AIDS TO NAVIGATION: NOTAM FILE PRC.

(H) VORTACW 115.6 PXR Chan 103 N33°25.98' W111°58.21' 260° 2.1 NM to fld. 1182/12E.

VOR unusable:

345°-360° byd 33 NM blo 10,000'

TACAN AZIMUTH & DME unusable:

345°-360° byd 33 NM blo 11,000'

VORTAC unusable:

015°-034° byd 33 NM blo 10,000'

090°-100° byd 15 NM blo 8,000'

185°-190° byd 30 NM blo 8,000'

185°-190° byd 38 NM blo 9,000'

190°-230° byd 20 NM blo 10,000'

345°-034° byd 10 NM blo 6,000'

345°-034° byd 20 NM blo 8,000'

360°-015° byd 33 NM blo 11,000'

DME unusable:

215°-315°

ILS/DME 111.5 I-PHX Chan 52 Rwy 07L. Class IE.

ILS/DME 110.75 I-AHA Chan 44(Y) Rwy 07R. Class ID. DME also serves rjg ILS Rwy 25L.

ILS/DME 111.75 I-SYQ Chan 54(Y) Rwy 08. Class IB. LOC unusable 25° left of course.

ILS/DME 110.75 I-RJG Chan 44(Y) Rwy 25L. Class IT. DME also serves aha ILS Rwy 7R.

ILS/DME 111.75 I-CWJ Chan 54(Y) Rwy 26. Class IB.

PHOENIX-MESA GATEWAY (IWA)(KIWA) 20 SE UTC-7 N33°18.47' W111°39.33'

1384 B TPA—See Remarks Class I, ARFF Index C NOTAM FILE IWA

PHOENIX
H-41, L-5B, A
IAP, AD**RWY 12R-30L:** H10401X150 (CONC) S-55, D-95, 2S-120, 2D-185,

2D/2D2-550 PCN 71 R/C/W/T MIRL

RWY 12R: PAPI(P4L)—GA 3.0° TCH 60'. Rgt tfc. 0.3% up.**RWY 30L:** PAPI(P4L)—GA 3.0° TCH 60'. 0.3% down.**RWY 12C-30C:** H10201X150 (ASPH-CONC) S-55, D-95, 2S-120,

2D-185, 2D/2D2-550 PCN 26 R/D/W/T HIRL

RWY 12C: PAPI(P4L)—GA 3.0° TCH 50'. 0.3% up.**RWY 30C:** PAPI(P4L)—GA 3.0° TCH 49'. 0.3% down.**RWY 12L-30R:** H9300X150 (CONC) S-75, D-210, 2S-175, 2D-590,

2D/2D2-850 PCN 88 R/C/W/T HIRL

RWY 12L: REIL. PAPI(P4L)—GA 3.0° TCH 74'. 0.3% up.**RWY 30R:** REIL. PAPI(P4L)—GA 3.0° TCH 75'. Rgt tfc. 0.3% down.**RUNWAY DECLARED DISTANCE INFORMATION****RWY 12C:**TORA-10201 TODA-10201 ASDA-10201 LDA-10201**RWY 12L:**TORA-9300 TODA-9300 ASDA-9300 LDA-9300**RWY 12R:**TORA-10401 TODA-10401 ASDA-10401 LDA-10401**RWY 30C:**TORA-10201 TODA-10201 ASDA-10201 LDA-10201**RWY 30L:**TORA-10401 TODA-10401 ASDA-10401 LDA-10401**RWY 30R:**TORA-9300 TODA-9300 ASDA-9300 LDA-9300**SERVICE:** S1 FUEL 100LL, JET A QX 3, 4 LGT For REIL Rwy 12L and

Rwy 30R ctc twr. After twr clsd, aprt lgts remain on.

AIRPORT REMARKS: Attended continuously. Fuel avbl continuously ctc 480-988-7700 or 129.875. Be alert for crop dusting activity in the vicinity of arpt. Be alert for crop dusting activity at or below 2000' MSL between 2 and 3 miles on apch for Rwy 30R, Rwy 30L and Rwy 30C. Occasional wildlife invof arpt. Rwy 12C first 1000' conc, Rwy 30C first 3500' conc, remaining center portion asph. All non-emergency acct ops of AV-8 model acct, all variations, limited to Rwy 12L-30R. 24-hr prior permission req for unscheduled air carrier ops with more than 30 passenger seats, call arpt ops. Large/heavy acct taxi with inboard engines only. Twy K btn Twy A and Twy B clsd to acct more than 41,000 lbs. Twy V btn Twy A and Twy B clsd to acct more than 30,000 lbs. Twy W between Twy H and Twy V rstd to acct with wingspan less than 135'. Twy T accessible for acct with wingspan between 119' and 170' with wing walkers from Twy W south of Twy V. 7' chain link fence on southern portion of middle ramp. Voluntary noise abatement procedures in effect. Avoid low overflight of noise sensitive areas surrounding arpt. For noise abatement information ctc arpt 480-988-7637 between 1300-0500Z or 480-988-7700 between 0500-1300Z. TPA—Fixed Wing 2602(1218), Jet 3102(1718), Rotorcraft 2102(718). No ldg fee for U.S. Government owned, non-revenue and flight training acct up to 12,500 lbs.

AIRPORT MANAGER: (480) 988-7708**WEATHER DATA SOURCES:** AWOS-3 133.5 (480) 988-9428. HIWAS 113.3 IWA.**COMMUNICATIONS:** CTAF 120.6 ATIS 133.5 (1200-0700Z)① **PHOENIX APP/DEP CON** 124.9**GATEWAY TOWER** 120.6 1200-0700Z **GND CON** 128.25**CLNC DEL** 135.05**AIRSPACE:** CLASS D svc 1200-0700Z other times CLASS G.**RADIO AIDS TO NAVIGATION:** NOTAM FILE IWA.**WILLIE (L) VORTACW** 113.3 IWA Chan 80 N33°18.19' W111°39.09' at fld. 1366/13E. **HIWAS.**

TACAN AZIMUTH & DME unusable:

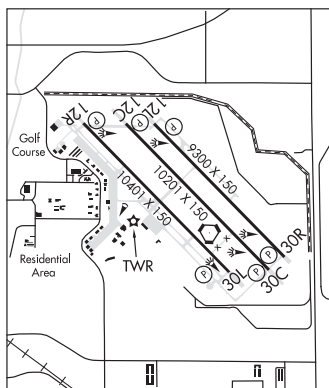
020°-055° byd 30 NM blo 12,000'

150°-195° byd 20 NM blo 7,500'

VOR portion unusable:

300°-320° byd 25 NM blo 7,500'

320°-300° byd 20 NM blo 7,500'

ILS 110.15 I-IWA Rwy 30C. Class IE. LOC unusable byd 25° left and right of course. Unmonitored until further notice.**COMM/NAV/WEATHER REMARKS:** AWOS is avbl from 0700-1200Z on 133.5, or 24 hrs via phone 480-988-9428.**PHOENIX GOODYEAR** (See GOODYEAR on page 45)

PHOENIX N33°25.98' W111°58.21' NOTAM FILE PRC. **PHOENIX**
(H) VORTACW 115.6 PXR Chan 103 260° 2.1 NM to Phoenix Sky Harbor Intl. 1182/12E. **H-4J, L-5B, A**
 VOR unusable:
 345°-360° byd 33 NM blo 10,000'
 TACAN AZIMUTH & DME unusable:
 345°-360° byd 33 NM blo 11,000'
 VORTAC unusable:
 015°-034° byd 33 NM blo 10,000'
 090°-100° byd 15 NM blo 8,000'
 185°-190° byd 30 NM blo 8,000'
 185°-190° byd 38 NM blo 9,000'
 190°-230° byd 20 NM blo 10,000'
 345°-034° byd 10 NM blo 6,000'
 345°-034° byd 20 NM blo 8,000'
 360°-015° byd 33 NM blo 11,000'
 DME unusable:
 215°-315°
RCO 122.2 122.6 (PRESCOTT RADIO)

PIMA

FLYING J RANCH (E37) 4 SW UTC-7 N32°50.87' W109°52.90' **PHOENIX**
 3114 NOTAM FILE PRC
RWY 18-36: 2950X45 (DIRT)
RWY 18: Brush.
RWY 36: Brush.
RWY 07-25: 1650X48 (DIRT)
RWY 07: Brush.
RWY 25: Brush.
AIRPORT REMARKS: Attended continuously. Rwy 18-36 28' power pole 67' west of rwy 700' north of Rwy 36 thld. Rwy 18-36 north 800' extremely rough, rutted and has large rocks. Drop-offs on sides of both rwys and ends. Rwy 18-36 fuel tank 55' right of centerline 100' from Rwy 18 thld. Rwy 07-25 has 1' -2' bush scattered on sfc and 3' -6' brush in primary sfc. Rwy 18-36 4' -6' brush in primary surface, both sides. Rwy 18-36 south 540' 45' wide, north 240' 80' wide. Arpt gate access code 1229.
AIRPORT MANAGER: 928-485-9201
COMMUNICATIONS: CTAF 122.9

PINAL AIRPARK (See MARANA on page 53)

PLEASANT VALLEY (See PEORIA on page 59)

POLACCA (P1Ø) 3 SW UTC-7 N35°47.50' W110°25.40' **DENVER**
 5573 TPA-6398(825) NOTAM FILE PRC **L-8G**
RWY 04-22: H4200X50 (ASPH) RWY LGTS(NSTD)
RWY 04: Brush.
RWY 22: Brush.
SERVICE: LGT Rwy 04-22 LIRL solar powered lighting system. Rwy 04-22 LIRL OTS indef.
AIRPORT REMARKS: Unattended. Rwy 04-22 rough, has numerous large cracks, patches, holes, and loose rock. Rocks piled, in circle, around wind indicator. Rwy 04-22 has 1-3' brush 45' from centerline both sides full length of rwy. Road crossing rwy. Wash in safety zone. This arpt underlies a Military Operations Area (MOA). Pilots need to be aware of all restrictions and check for any NOTAMS in advance of flying through the MOA. Solar powered blue perimeter lgts at corners of parking ramp.
AIRPORT MANAGER: 928-738-2228
COMMUNICATIONS: CTAF 122.9
RADIO AIDS TO NAVIGATION: NOTAM FILE PRC.
TUBA CITY (H) VORTAC 113.5 TBC Chan 82 N36°07.28' W111°16.18' 100° 45.7 NM to fld. 5045/15E.

PRESCOTT

ERNEST A LOVE FLD (PRC)(KPRC) 7 N UTC-7 N34°39.29' W112°25.15'

5045 B TPA—See Remarks Class I, ARFF Index A NOTAM FILE PRC

RWY 03R-21L: H7619X150 (ASPH-PFC) S-63, D-80, 2S-101, 2D-100

PCN 8 F/D/Y/T MIRL 0.8% up SW

RWY 03R: REIL. PAPI(P4L)—GA 4.1° TCH 45'. Thld dsplcd 379'. Road. Rgt tfc.

RWY 21L: MALSR. PAPI(P4L)—GA 3.0° TCH 52'. Rgt tfc.

RWY 03L-21R: H4846X60 (ASPH) S-12.5 PCN 2 F/D/X/T MIRL 0.8% up SW

RWY 03L: PAPI(P2L)—GA 3.0° TCH 40'. Thld dsplcd 811'. Rgt tfc.

RWY 21R: PAPI(P2L)—GA 3.0° TCH 40'. Rgt tfc.

RWY 12-30: H4408X75 (ASPH) S-12.5 PCN 10 F/C/Y/T MIRL 0.6% up SE

RWY 12: REIL. PAPI(P2L)—GA 4.24° TCH 48'. Thld dsplcd 150'.

RWY 30: REIL. PAPI(P2L)—GA 3.6° TCH 40'.

LAND AND HOLD—SHORT OPERATIONS

| LDG RWY | HOLD—SHORT POINT | AVBL LDG DIST |
|---------|------------------|---------------|
| RWY 21L | 12-30 | 5904 |

RUNWAY DECLARED DISTANCE INFORMATION

| | | | |
|---------------------------|-----------|-----------|----------|
| RWY 03L: TORA-4846 | TODA-4846 | ASDA-4846 | LDA-4037 |
| RWY 03R: TORA-7619 | TODA-7619 | ASDA-7619 | LDA-7240 |
| RWY 12: TORA-4408 | TODA-4408 | ASDA-4408 | LDA-4258 |
| RWY 21L: TORA-7619 | TODA-7619 | ASDA-7619 | LDA-7619 |
| RWY 21R: TORA-4846 | TODA-4846 | ASDA-4608 | LDA-4608 |
| RWY 30: TORA-4408 | TODA-4408 | ASDA-4258 | LDA-4308 |

SERVICE: S4 FUEL 100LL, JET A LGT Rwy 30 PAPI unusable byd 3 NM. After 0500Z—ACTIVATE MALSR Rwy 21L, REIL Rwy 03R, PAPI Rwy 03R and Rwy 21L—CTAF. ACTIVATE REIL Rwy 12 and Rwy 30, PAPI Rwy 12 and Rwy 30, MIRL Rwy 12-30 frequency 128.75.

AIRPORT REMARKS: Attended 1300-0500Z. Fuel avbl 1400-0400Z call 928-443-9333. After hrs avbl per advance request. Self svc fuel rstd to acft with wingspan 50' or less. Rwy 03L-21R CLOSED 0500-1300Z. Wildlife invof rwy and twys. Fld cond not monitored 2200-0500 local. Acft departing Rwy 21L continue rwy heading until across highway and make immediate left turn. 20' drop off 300' from apch end Rwy 12. Rwy 21L designated calm wind rwy. Use caution on Rwy 12-30 for chg in rwy grad at Rwy 03R-21L int. Rwy 03L-21R not avbl for air carrier ops. Twy B rstd to acft with wingspan 45' or less. Winch tow in use up to 2500' AGL approximately 6NM east at Goodwin Memorial Gliderport. Overnight parking fee. TPA for light acft all rws 6045(1000). TPA for large acft, all turbo prop/jet and high performance acft all rws 6545(1500). Voluntary noise abatement procedures in effect—ctc aprt op 928-777-1150. Ldg fee for tran commercial acft 12,500 lbs or greater based upon maximum certificated ldg weight. NOTE: See Special Notices—Extensive Flight Training in the vicinity of Ernest A. Love Field, Prescott, AZ.

AIRPORT MANAGER: 928-777-1114

WEATHER DATA SOURCES: ASOS 127.2 (928) 717-1287.

COMMUNICATIONS: CTAF 125.3 ATIS 127.2 UNICOM 122.95

PRESCOTT RCO 255.4 (PRESCOTT RADIO)

Ⓡ PHOENIX APP/DEP CON 133.575

PRESCOTT TOWER 125.3 (1300-0500Z) GND CON 121.7 PRESCOTT CLNC DEL 119.25

AIRSPACE: CLASS D svc 1300-0500Z other times CLASS E.

VOR TEST FACILITY (VOT) 110.0

RADIO AIDS TO NAVIGATION: NOTAM FILE PRC.

DRAKE (H) VORTACW 114.1 DRK Chan 88 N34°42.15' W112°28.82' 119° 4.2 NM to fld. 4967/14E.

VOR/DME & TACAN AZIMUTH unusable:

055°-080° byd 29 NM blo 9,300'

125°-140° byd 35 NM blo 8,500'

140°-160° byd 30 NM blo 9,500'

160°-175° byd 35 NM blo 9,500'

175°-185° byd 30 NM blo 9,500'

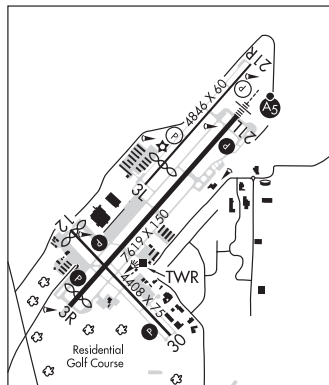
185°-195° byd 23 NM blo 9,100'

195°-220° byd 13 NM blo 9,100'

220°-235° byd 25 NM blo 9,100'

265°-275° byd 30 NM blo 8,800'

ILS/DME 108.5 I-PRC Chan 22 Rwy 21L. Class IA. ILS/DME unmonitored 0500-1300Z.



PHOENIX
H-4J, L-8F
IAP, AD

ROBLES N32°04.44' W111°21.62' NOTAM FILE PRC.

NDB (MHW) 220 RBJ 2607/12E. NDB unmonitored.

PHOENIX
L-5C

ROLLE AIRFIELD (See SAN LUIS on page 66)

RYAN FLD (See TUCSON on page 74)

SAFFORD RGNL (SAD)(KSAD) 3 E UTC-7 N32°51.20' W109°38.11'

PHOENIX
H-4K, L-5C
IAP

3179 B TPA-4179(1000) NOTAM FILE SAD

RWY 12-30: H6006X100 (ASPH) S-33 MIRL

RWY 12: PAPI(P2L)—GA 3.0° TCH 23'. Brush.

RWY 30: PAPI(P2L)—GA 3.0° TCH 20'.

RWY 08-26: H4799X75 (ASPH) S-23 MIRL 0.4% up E

RWY 08: REIL. PAPI(P2L)—GA 3.0° TCH 23'. Fence.

RWY 26: REIL. PAPI(P2L)—GA 3.0° TCH 22'. Fence.

SERVICE: S4 FUEL 100LL, JET A+ OX 1, 2, 3, 4 LGT ACTIVATE PAPI Rwy 08 and Rwy 26, MIRL Rwy 08-26, PAPI Rwy 12 and Rwy 30, MIRL Rwy 12-30—CTAF.

AIRPORT REMARKS: Attended Mon-Sat 1500-0030Z, Sun on call. Fuel 24 hr credit card svc avbl, 100LL only. Svc avbl on call 24 hrs 928-428-7820. Emergency phone 928-428-7820.

AIRPORT MANAGER: (928) 432-4261

WEATHER DATA SOURCES: ASOS 124.175 (928) 428-5178.

COMMUNICATIONS: CTAF/UNICOM 122.8

RCO 122.3 (PRESCOTT RADIO)

ALBUQUERQUE CENTER APP/DEP CON 134.45

RADIO AIDS TO NAVIGATION: NOTAM FILE PRC.

SAN SIMON (H) VORTACW 115.4 SSO Chan 101 N32°16.15'

W109°15.79' 319° 39.7 NM to fld. 3600/13E. HIWAS.

VOR & TACAN AZIMUTH unusable:

020°-050° byd 30 NM blo 8,000'

150°-190° byd 28 NM blo 11,300'

190°-220° byd 30 NM blo 9,000'

235°-250° byd 30 NM blo 9,900'

350°-360° byd 30 NM blo 8,000'

DME unusable:

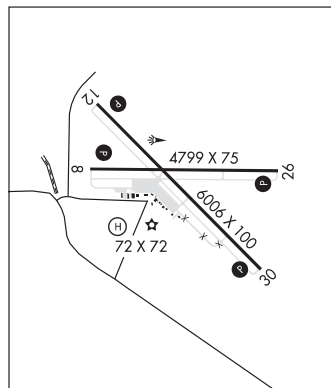
020°-050° byd 30 NM blo 8,000'

150°-190° byd 28 NM blo 11,300'

190°-220° byd 30 NM blo 9,000'

235°-250° byd 30 NM blo 12,500'

350°-360° byd 30 NM blo 8,000'



HELIPAD H1: H72X72 (CONC) MIRL

ST JOHNS INDUSTRIAL AIR PARK (SJJ)(KSJN) 1 N UTC-7 N34°31.11' W109°22.73'

PHOENIX
H-4K, L-8H
IAP

5737 B TPA-6737(1000) NOTAM FILE SJJ

RWY 14-32: H5322X75 (ASPH) S-90 MIRL

RWY 14: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Pole.

RWY 32: REIL. PAPI(P2R)—GA 3.0° TCH 40'. Thld dspcd 92'. Pole.

RWY 03-21: H3400X60 (ASPH) S-55 MIRL

RWY 03: Thld dspcd 190'. Tree.

SERVICE: FUEL 100LL, JET A LGT Rwy 14 PAPI OTS indef. Rwy 32 PAPI OTS indef. ACTIVATE MIRL Rwy 03-21 and Rwy 14-32, PAPI Rwy 14 and Rwy 32, REIL Rwy 14 and Rwy 32—CTAF.

AIRPORT REMARKS: Attended 1400-0000Z. Rwy 03 200' gravel clear area on S end of rwy. Twy parallel to Rwy 14-32 has reflectors entire length of twy on both sides. Rwy 32 calm wind rwy.

AIRPORT MANAGER: 928-337-4254

WEATHER DATA SOURCES: ASOS 134.225 (928) 337-3061.

COMMUNICATIONS: CTAF/UNICOM 122.8

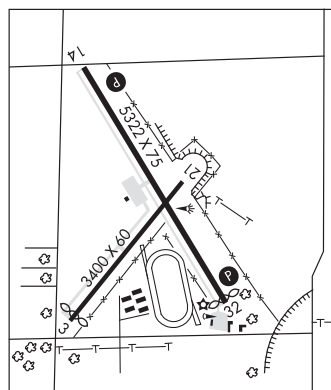
RCO 122.1R 112.3T (PRESCOTT RADIO)

ALBUQUERQUE CENTER APP/DEP CON 124.325

RADIO AIDS TO NAVIGATION: NOTAM FILE SJJ.

(H) VORTAC 112.3 SJJ Chan 70 N34°25.44'

W109°08.61' 284° 13.0 NM to fld. 6840/12E.



SAN CARLOS APACHE (See GLOBE on page 45)

SAN LUIS**ROLLE AIRFIELD** (44A) 5 ENE UTC-7 N32°30.98' W114°41.90'

PHOENIX

163 NOTAM FILE PRC

RWY 17-35: H2800X60 (ASPH)

AIRPORT REMARKS: Unattended. Arprt unlgt'd-frequent ngt military flights conducted. Arprt fenced and locked-inaccessible from ground. For access ctc arprt manager 928-941-2396 . Oil treated area surrounding existing paved rwy is heavily rutted. Mil ops require prior permission. Call 928-941-2396 24 hrs. Arprt access controlled with arprt security system. Recommend coordination with Yuma County Airport Authority. Ctc arprt manager 928-941-2396.

AIRPORT MANAGER: 928-726-5882**COMMUNICATIONS:** CTAF 122.9**SAN MANUEL** (E77) 2 NW UTC-7 N32°38.19' W110°38.84'

PHOENIX

3272 B NOTAM FILE PRC

L-5C

RWY 11-29: H4207X75 (ASPH) S-12 MIRL 0.5% up W**RWY 11:** PAPI(P2L)—GA 3.0° TCH 44'. Brush.**RWY 29:** PAPI(P2R)—GA 3.0° TCH 43'. Brush. Rgt tfc.

SERVICE: FUEL 100LL LGT ACTIVATE MIRL Rwy 11-29, PAPI Rwy 11 and Rwy 29, REILS Rwy 11 and Rwy 29—CTAF.

AIRPORT REMARKS: Unattended. Airport CLOSED 0300-1300Z. Fuel 24hr credit card svc avbl. Livestock on and invof arprt. Rwy 11 has 6' gully 300' from thld. Rwy 11-29 scattered 2-4' brush in primary sfc 45-75' from centerline. Rwy 29 has 6' sloped drop off 90' right of centerline 165' from thld extending out to 325' from thld. Rising terrain west of arprt., +60'-75' hill 500' to 1000' from EOR, 350'-500' right of centerline.

AIRPORT MANAGER: 520-866-6545**WEATHER DATA SOURCES:** AWOS-3PT 134.125 (520) 385-4238.**COMMUNICATIONS:** CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE TUS.

TUCSON (H) VORTACW 116.0 TUS Chan 107 N32°05.71' W110°54.89' 011° 35.1 NM to fld. 2671/12E. **HIWAS.**

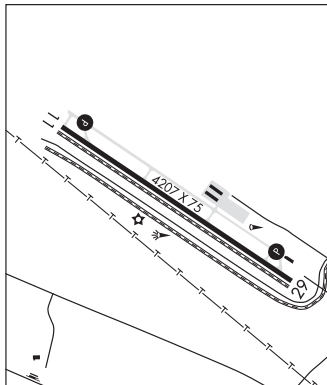
VORTAC unusable:

050°-080° byd 30 NM blo 11,500'

350°-020° byd 30 NM blo 13,000'

TACAN AZIMUTH & DME unusable:

155°-165° byd 35 NM blo 13,000'

**SAN SIMON** N32°16.15' W109°15.79' NOTAM FILE PRC.

PHOENIX

(H) VORTACW 115.4 SSO Chan 101 319° 39.7 NM to Safford Rgnl. 3600/13E. **HIWAS.**

H-4K, L-5D

VOR & TACAN AZIMUTH unusable:

020°-050° byd 30 NM blo 8,000'

150°-190° byd 28 NM blo 11,300'

190°-220° byd 30 NM blo 9,000'

235°-250° byd 30 NM blo 9,900'

350°-360° byd 30 NM blo 8,000'

DME unusable:

020°-050° byd 30 NM blo 8,000'

150°-190° byd 28 NM blo 11,300'

190°-220° byd 30 NM blo 9,000'

235°-250° byd 30 NM blo 12,500'

350°-360° byd 30 NM blo 8,000'

SCOTTSDALE (SDL)(KSDL) 9 N UTC-7 N33°37.37' W111°54.63'

1510 B TPA—See Remarks NOTAM FILE SDL

RWY 03-21: H8249X100 (ASPH) S-45, D-75, 2S-95 MIRL

RWY 03: REIL. PAPI(P2L)—GA 4.0° TCH 74'. Thld dsplcd 740'. Tree. 0.7% up.

RWY 21: REIL. PAPI(P2L)—GA 4.0° TCH 45'. Thld dsplcd 400'. Hill. Rgt tfc. 0.9% down.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 03: TORA-8249 TODA-8249 ASDA-7849 LDA-7110

RWY 21: TORA-8249 TODA-8249 ASDA-8069 LDA-7669

SERVICE: S4 FUEL 100LL, JET A1+ OX 1, 2, 3, 4 LGT When twr clsd
ACTIVATE MIRL Rwy 03-21, PAPI Rwy 03 and Rwy 21, REIL Rwy 03 and Rwy 21—119.90.

AIRPORT REMARKS: Attended continuously. Coyotes oncl crossing Rwy 03-21 and twys. Hawks inofv Rwy 03-21. All mil acft provide 24 hr advance ntc prior to arr, call arpt ops 480-312-8478. Rwy 03-21 200' blast pad both ends. Acft with certificated max tkof wgt 75,001 to 100,000 lbs rqr prior permission if operating above 75,000 lbs, call arpt ops 480-312-8478. Ctc aviation director at 480-312-2321. Tran fee for acft 12,500 lbs or greater (based on max certificated ramp wgt). Tran over ngt parking fee. U.S. Customs user fee arpt. U.S. Customs svcs avbl 1600Z to 0200Z daily. Touch and go ldg permitted btn 1300-0430Z only. No mid fld dep on Rwy 03 or Rwy 21. Voluntary NS ABTMT curfew 0500-1300Z. Extremely noise sensitive areas all quadrants. For NS ABTMT info call 480-312-8478. No maintenance runups btn 0500-1400Z. Rwy 03 preferred for calm wind and NS ABTMT. TPA—prop 2500(990) Jet 3000(1490) Helicopter 2000(490).

AIRPORT MANAGER: 480-312-2321

WEATHER DATA SOURCES: ASOS (480) 483-3049 LAWRS.

COMMUNICATIONS: CTAF 119.9 ATIS 118.6 480-998-5144

PHOENIX RCO 122.6 122.2 (PRESCOTT RADIO)

Ⓡ **PHOENIX APP/DEP CON** 120.7

TOWER 119.9 (1300-0400Z±) **GND CON** 121.6 **CLNC DEL** 124.8

AIRSPACE: CLASS D svc 1300-0400Z other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE PRC.

PHOENIX (H) VORTACW 115.6 PXR Chan 103 N33°25.98' W111°58.21' 003° 11.8 NM to fld. 1182/12E.

VOR unusable:

345°-360° byd 33 NM blo 10,000'

TACAN AZIMUTH & DME unusable:

345°-360° byd 33 NM blo 11,000'

VORTAC unusable:

015°-034° byd 33 NM blo 10,000'

090°-100° byd 15 NM blo 8,000'

185°-190° byd 30 NM blo 8,000'

185°-190° byd 38 NM blo 9,000'

190°-230° byd 20 NM blo 10,000'

345°-034° byd 10 NM blo 6,000'

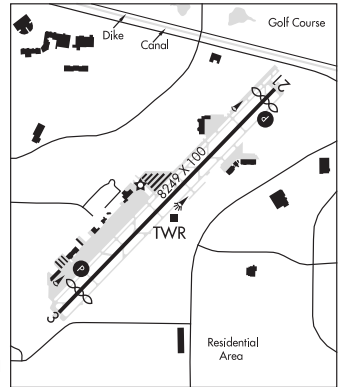
345°-034° byd 20 NM blo 8,000'

360°-015° byd 33 NM blo 11,000'

DME unusable:

215°-315°

COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not avbl at twr.



PHOENIX
H-4J, L-5B, A
IAP, AD

SEDONA (SEZ)(KSEZ) 2 SW UTC-7 N34°50.92' W111°47.31' 4830 B TPA—See Remarks NOTAM FILE SEZ

PHOENIX
H-4J, L-8G
IAP

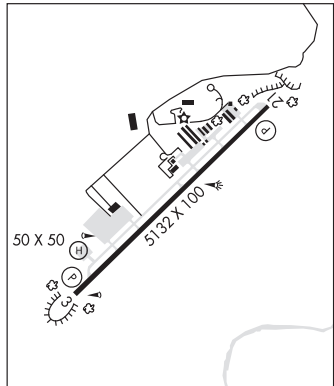
RWY 03-21: H5132X100 (ASPH) S-15, D-30 MIRL 1.8% up NE

RWY 03: REIL. PAPI(P4L)—GA 3.5° TCH 53'.

RWY 21: REIL. PAPI(P4L)—GA 3.5° TCH 46'. Fence.

SERVICE: S2 FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 03-21, REIL Rwy 03 and REIL Rwy 21—CTAF. PAPI Rwy 03 and PAPI Rwy 21 opr continuously.

AIRPORT REMARKS: Attended May-Sep 1400-0100Z, Oct-Apr 1400-0000Z. Bird and wildlife on and invof arpt. Fueling ops stop 30 minutes prior to closing. Turbulence may be experienced invof arpt. When Idg Rwy 21, during strong southwest wind conditions, strong down drafts are very probable northeast of apch end of Rwy 21. Helicopter ops restricted to helipads adjacent to twy intersection A7 southwest main terminal building. Helicopter operating from private helipads south and west of Rwy 03-21. No touch and go Idgs noise sensitive area. Noise sensitive area avoid scenic flights blo 6500' MSL. Rwy 03 calm wind. Rwy 03 has an uphill slope. Overnight transient fee for all users. Landing fee for turbine acft without fuel purchase. TPA—prop 6003(1173) Jet 7003(2173).



AIRPORT MANAGER: 928-282-4487

WEATHER DATA SOURCES: AWOS-3PT 118.525 (928) 282-1993.

COMMUNICATIONS: CTAF/UNICOM 123.0

MINGUS MOUNTAIN RCO 122.3 (PRESCOTT RADIO)

Ⓜ **PHOENIX APP/DEP CON** 126.375

RADIO AIDS TO NAVIGATION: NOTAM FILE FLG.

FLAGSTAFF (H) VOR/DME 113.85 FLG Chan 85(Y) N35°08.83' W111°40.45' 184° 18.8 NM to fld. 7026/14E.

VOR/DME unusable:

335°-030° byd 19 NM blo 24,000'

DME unusable:

230°-255° byd 20 NM blo 15,000'

ASR/PAR

• •

HELIPAD H1: H50X50 (CONC)

HELIPORT REMARKS: Rwy H1 flood lgts.

SELIGMAN (P23) 1 NW UTC-7 N35°20.10' W112°53.19' 5237 B NOTAM FILE PRC

PHOENIX
L-8F

RWY 04-22: H4800X75 (ASPH) MIRL

RWY 04: REIL. PAPI(P2L)—GA 3.0°. Fence.

RWY 22: REIL. PAPI(P2L)—GA 3.0°. Rgt tfc.

SERVICE: LGT ACTIVATE MIRL Rwy 04-22 REIL Rwy 04 and Rwy 22 7-clicks—CTAF. PAPI Rwy 04 and Rwy 22 opr dalgt hrs, at night ACTIVATED on CTAF.

AIRPORT REMARKS: Unattended. Drainage channel both sides full length of Rwy 04-22, varies in width and depth.

AIRPORT MANAGER: 928-771-3177

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE PRC.

PEACH SPRINGS (H) VORW/DME 112.0 PGS Chan 57 N35°37.48' W113°32.67' 103° 36.6 NM to fld.

4760/15E. HIWAS.

VOR unusable:

205°-255° byd 30 NM blo 10,500'

DME unusable:

205°-255° byd 30 NM blo 10,500'

SELLS (E78) 2 NW UTC-7 N31°55.96' W111°53.66'
 2409 NOTAM FILE PRC
RWY 04-22: H5830X60 (ASPH) S-12.5

RWY 04: Trees.
RWY 22: Trees.

AIRPORT REMARKS: Unattended. Rwy 04-22 +3' wide cracks (longitudinal and transverse) full length of rwy. Isolated holes less than 1-2 sq ft in rwy. Rwy 04-22 width 60' in some areas narrower due to bushes growing thru pavement. Livestock on and invof arpt. Rwy 04-22 15' to 18' trees and brush in primary sfc entire length of rwy, both sides. Rwy 04-22 3' ditches along rwy edges. Rwy 04-22 marked with 6" yellow centerline stripe only, markings faded. No rwy numbers. U.S. border patrol has 1500 gallon Jet A tanker truck parked 16' from the pavement edge near mid-point of rwy.

AIRPORT MANAGER: (520) 383-5546

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE TUS.

TUCSON (H) VORTACW 116.0 TUS Chan 107 N32°05.71' W110°54.89' 247° 50.9 NM to fld. 2671/12E. **HIWAS.**

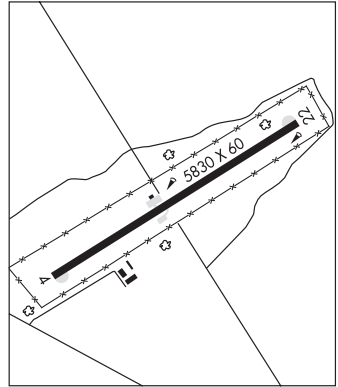
VORTAC unusable:

050°-080° byd 30 NM blo 11,500'

350°-020° byd 30 NM blo 13,000'

TACAN AZIMUTH & DME unusable:

155°-165° byd 35 NM blo 13,000'



PHOENIX
H-4J, L-5B

SHOW LOW RGNL (SOW)(KSOW) 2 E UTC-7 N34°15.93' W110°00.34'
 6415 B TPA-7215(800) Class III, ARFF Index A NOTAM FILE SOW

RWY 06-24: H7200X100 (ASPH) S-35, D-60 PCN 7 F/D/X/T MIRL

RWY 06: REIL. PAPI(P2L)-GA 3.0° TCH 49'. Thld dspld 700'.

RWY 24: REIL. PAPI(P2L)-GA 3.0° TCH 49'. Rgt tfc.

RWY 03-21: H3938X60 (ASPH) 0.3% up SW

RWY 03: Rgt tfc.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 06: TORA-7200 TODA-7200 ASDA-7200 LDA-7200

RWY 24: TORA-7200 TODA-7200 ASDA-7200 LDA-7200

SERVICE: FUEL 100LL, JET A **LGT** Rwy 03-21 delineators only, no rwy lgts. ACTIVATE MIRL Rwy 06-24, PAPI Rwy 06 and Rwy 24. ACTIVATE REIL Rwy 06 and Rwy 24-CTAF.

AIRPORT REMARKS: Attended Apr-Sep 1400-0200Z, Oct-Mar 1200-0100Z. Self-service fuel avbl continuous. Military tfc invof arpt. Rwy 18-36 has islated 10' to 15' trees and brush 120' west of rwy centerline for entire length. Simultaneous ops Rwy 21 and Rwy 24 prohibited. Rwy 06-24 and Rwy 03-21 not connected by pavement at AER 21. Overnight transient fees and commercial opr ldg fees applicable.

AIRPORT MANAGER: (928) 532-4190

WEATHER DATA SOURCES: AWOS-3 118.075 (928) 532-0379.

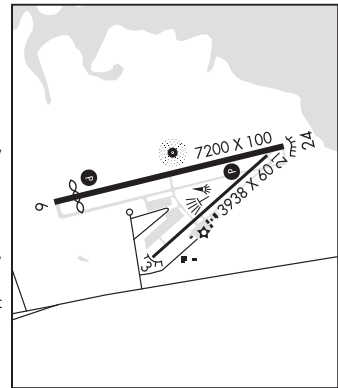
COMMUNICATIONS: CTAF/UNICOM 123.0

ALBUQUERQUE CENTER APP/DEP CON 132.9

RADIO AIDS TO NAVIGATION: NOTAM FILE SJN.

ST JOHNS (H) VORTAC 112.3 SJN Chan 70 N34°25.44' W109°08.61' 246° 43.9 NM to fld. 6840/12E.

NDB (MHW) 206 SOW N34°16.04' W110°00.49' at fld. 6403/13E. NOTAM FILE SOW.



PHOENIX
H-4K, L-5C, 8G
IAF

SIERRA VISTA MUNI—LIBBY AAF (FHU)(KFHU) MIL/CIV A 3 N UTC-7 N31°35.31' W110°20.66'

PHOENIX

4719 B TPA—See Remarks Class IV, ARFF Index A NOTAM FILE FHU

H-4K, L-5C

Rwy 08-26: H12001X150 (CONC) PCN 54 R/B/W/T HIRL

IAP, DIAP, AD

1.0% up W

Rwy 08: PAPI(P4L)—GA 3.0° TCH 50'.

Rwy 26: PAPI(P4L)—GA 3.0° TCH 80'. Rgt tfc.

Rwy 12-30: H5366X100 (ASPH—CONC) PCN 24 F/A/W/T MIRL

Rwy 12: PAPI(P4L)—GA 3.0° TCH 51'.

Rwy 30: PAPI(P2R)—GA 3.0° TCH 51'. Rgt tfc.

Rwy 03-21: H4285X75 (ASPH—CONC) PCN 22 F/A/W/T MIRL

2.0% up SW

Rwy 03: Thld dsplcd 1253'.

Rwy 21: Rgt tfc.

SERVICE: FUEL 100, JET A LGT ACTIVATE—MIRL Rwy 03-21 and

12-30, HIRL Rwy 08-26, PAPI Rwy 08-26 and 12-30, and perimeter

lgt H1—CTAF. FUEL Avbl 1430-2130Z dly, OT C520-234-3552 (Svc

fee). POL svc rqr crew member attend to specify fuel/oil rqr. Fuel ltd to

6000 gal. J8, (NC-100, A) **TRAN ALERT** Tran acct, etc Libby ATC or Base

OPS to coord prk.

AIRPORT REMARKS: Attended 1400-0000Z Mon-Sun. Fuel avbl

1430-2130Z 7 days/wk, after hrs call 520-234-3552 (svc fee). Joint

use civ-mil arpt, extv mil jet ops wkdays. Bird haz invof all rwys on tkfs

and apchs. Deer on and invof all rwys and twys especially at ngt. When Class D airspace in effect unmanned aerial vehicles

opr sfc to 7000' MSL. Bird haz exists all rwys. Airspace Class D sfc area ltd to dep and full stop ldrs only dur ngt time

unmanned acft ops. Exp possible delays. Manned and unmanned acft not authorized in the same tfc pat. Arriving manned

acft may follow unmanned acft on final. Civ tfc pat not avbl dur daytime unmanned acft tfc pat ops. Dep and full stop ldr

authorized. Exp windshear on apch to all rwys. Civ acft PPR to enter mil ramp. Non scheduled arriving acft rrgg assistance,

ctc GOC 533-2291/2292. TPA—fixed wing acft north and rotary wing south TPA fixed wing reciprocating 5700(981),

rotary wing 5500(781), fixed wing turboprop/jet 6200(1481). Twy G and Twy J ltd to single wheel acft max 33,000 lbs,

Twy K ltd to single wheel acft max 50,000 lbs. Twy D and acft apron on NW side ltd to dual wheels acft max 100,000

lbs. Circling not authorized South of Rwy 08 and Rwy 30. NOTE: See Special Notices—Tethered Areostat Radar System

(TARS).

MILITARY REMARKS: Opr Mon-Fri 0700-0600Z, exc hol, other times 72 hr PPR DSN 879-2860/2862,

C520-538-2860/2862. See FLIP AP/1 Supplementary Arpt Remarks. **RSTD** 24 hr PPR for all tran mil acft. Civ acft PPR

to enter mil ramp. Twy G ltd to single wheel acft max 33,000 lbs, Twy K ltd to single wheel acft max 50,000 lbs. Circling

not authorized South of Rwy 08 and Rwy 30. **CAUTION** Exp wind shear on apch to all rwy, arpt SW wind may not be

representative of wind on final apch. When Class D airspace in effect unmanned aerial vehicles (UAV) opr sfc to 7000'

MSL. Extv mil jet ops wkdays. **CSTMS/AG/IMG** Avbl with 72 hr PN for US mil or DoD contract acft only. **TFC PAT** TPA Fixed

wing unmanned acft 5700 (981). Do not exceed 5700' until dep end of rwy. **MISC** All tran and remain overnight acft

using mil side must sign in at base ops prior to dep fit line. 72 hr PPR for use of assault strip lctd 5 NM NE. Non-scheduled

arr acft rqr assistance ctc EOC 533-2291. All acft using mil tran parking sign in at base ops prior to leaving fit line. Wx

obsn/forecast Mon-Fri 0700-0600Z, exc hol, ASOS other times. Libby wx avbl on 122.95. DSN 879-3798/2865.

C520-538-3798/2865. Remote briefing svc avbl 25th opr wx squadron Davis-Monthan AFB DSN

228-6598/6599/6588, call C520-228-6598/6599/6588, and C1-877-451-8367, ext 1, or

HTTPS://25OWS.DM.AF.MIL. A Libby Base OPS opr Mon-Fri 0700-0600Z, exc hol other times 72 hr PPR. DSN

879-2860/2862, C520-538-2860/2862.

AIRPORT MANAGER: 520-458-5775

WEATHER DATA SOURCES: ASOS 119.675 (520) 459-7316.

COMMUNICATIONS: CTAF 124.95 ATIS 134.75 265.7 UNICOM 122.95

® **LIBBY AAF GCA APP/DEP CON** 127.05 254.35 (0700Z Mon-0600Z Sat, exc hol) other times by NOTAM, other times ctc

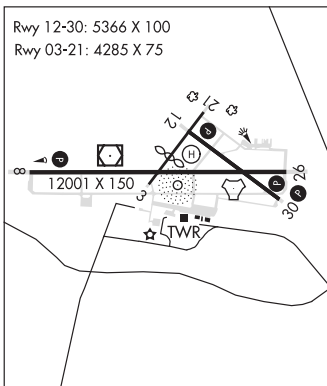
® **ALBUQUERQUE CENTER APP/DEP CON** 134.45 327.15

LIBBY TOWER 124.95 284.75 (0700Z Mon-0600Z Sat, exc hol) other times by NOTAM.

GND CON 121.7 268.7

LIBBY OPS 122.95

AIRSPACE: CLASS D svc 0700Z Mon-0600Z Fri exc holidays other times CLASS G.



CONTINUED ON NEXT PAGE

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RADIO AIDS TO NAVIGATION: NOTAM FILE DUG.

DOUGLAS (L) VORTACW 108.8 DUG Chan 25 N31°28.36' W109°36.12' 268° 38.7 NM to fld. 4131/13E.

DME & TACAN AZIMUTH unusable:
 045°-065° byd 26 NM blo 10,000'
 065°-095° byd 28 NM blo 9,500'
 355°-010° byd 35 NM blo 11,300'

LIBBY (T) VORV/DME 113.6 FHU Chan 83 N31°35.38' W110°21.30' at fld. 4665/13E. NOTAM FILE FHU.

VOR unmonitored when GCA clsd.
 military use: No NOTAM MP 1500-1900Z 2nd Tue of month

VOR/DME unusable:
 110°-235° byd 10 NM

FORT HUACHUCA (T) TACAN Chan 53 ARH (111.6) N31°35.13' W110°20.34' at fld. 4660/12E. NOTAM FILE

FHU. unmonitored when twr clsd.

TACAN unusable:
 105°-250° byd 10 NM
 120°-300° byd 20 NM

military use: No NOTAM MP 1500-2300Z 1st Wed of Month

DRAGOO NDB (MHW) 410 DAO N31°35.14' W110°20.66' at fld. 4654/13E. NOTAM FILE FHU. NDB

unmonitored when gca closed.

No NOTAM MP: 1500-1900Z 2nd Thurs of Month

ILS 109.9 I-FHU Rwy 26. Class IE. Unmonitored when gca clsd. No NOTAM MP 1500-2300Z 3rd Thu of Month.

ASR/PAR (0700Z Mon-0600Z Sat, except holidays, other times by NOTAM)

COMM/NAV/WEATHER REMARKS: For emerg, freq 121.5 monitored when twr clsd. USAF wx forecast avbl 1200-0300Z from Davis Monthan AFB. Radar see Terminal FLIP for Radar Minima.

• • • • •

HELIPAD H1: H40X40 (ASPH) PERIMETER LGTS

HELIPORT REMARKS: ACTIVATE perimeter lgts Helipad H1-CTAF.

SPRINGVILLE MUNI (JTC)(KJTC) 1 W UTC-7 N34°07.77' W109°18.65'

PHOENIX

7055 B NOTAM FILE PRC

H-4J, L-5D

RWY 03-21: H8422X75 (ASPH) S-30 MIRL

IAP

RWY 03: PAPI(P2L)-GA 4.0° TCH 46'. Fence. 0.4% down.

RWY 21: PAPI(P2L)-GA 3.0° TCH 35'. Fence. Rgt tfc. 0.6% up.

RWY 11-29: H4603X60 (ASPH) S-19 MIRL

RWY 11: PAPI(P2L)-GA 3.0° TCH 35'.

SERVICE: FUEL 100LL, JET A LGT Rwy 03 PAPI does not provide obstacle clearance 2 NM byd thld. ACTIVATE MIRL Rwy 03-21, MIRL Rwy 11-29, PAPI Rwy 03, Rwy 11 and Rwy 21-CTAF. (NSTD) 5 clicks on, 7 clicks off.

AIRPORT REMARKS: Attended 1500-2300Z. For fuel after hrs call 928-245-0151. Wildlife on and invof arpt. Density indicators located on rwy ends.

AIRPORT MANAGER: 928-333-5746

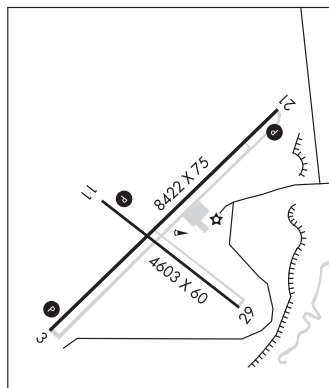
WEATHER DATA SOURCES: AWOS-3PT 119.65 (928) 333-5716.

COMMUNICATIONS: CTAF/UNICOM 122.8

® ALBUQUERQUE CENTER APP/DEP CON 132.9

RADIO AIDS TO NAVIGATION: NOTAM FILE SJN.

ST JOHNS (H) VORTAC 112.3 SJN Chan 70 N34°25.44' W109°08.61' 193° 19.5 NM to fld. 6840/12E.



STANFIELD N32°53.15' W111°54.52' NOTAM FILE PRC.

PHOENIX

(H) VORTAC 114.8 TFD Chan 95 048° 8.3 NM to Casa Grande Muni. 1316/12E.

H-4J, L-5B, A

RCO 122.1R 114.8T (PRESCOTT RADIO)

STELLAR AIRPARK (See CHANDLER on page 36)

SUN VALLEY (See BULLHEAD CITY on page 34)

SUPERIOR MUNI (E81) 2 SW UTC-7 N33°16.67' W111°07.62'

2646 NOTAM FILE PRC

PHOENIX

RWY 04-22: 3250X75 (GRVL)

RWY 04: Brush.

RWY 22: Tree.

AIRPORT REMARKS: Unattended. Emerg phone 520-689-5254 (police). Arpt manager recommends ldg uphill to the northeast.

Rwy 04-22 east 2000' good condition, remaining rwy fair. Rwy 04-22 has brush and trees to a height of 12', 65' from centerline on south side, 45' from centerline on north side. Mountain 4375' MSL located 9000' west of Rwy 04.

Livestock on arpt. Rwy 04 thld marked by painted rubber tires, Rwy 22 thld unmarked. Obstructions brush northeast rwy, terrain and smelter stacks northeast, hills and mountain south-southwest through southwest of arpt.

AIRPORT MANAGER: 520-689-5752

COMMUNICATIONS: CTAF/UNICOM 122.95

TAYLOR (TYL)(KTYL) 2 SW UTC-7 N34°27.16' W110°06.90'

5823 B NOTAM FILE PRC

PHOENIX

H-4K, L-8G

IAP

RWY 03-21: H7001X75 (ASPH) MIRL 1.5% up SW

RWY 03: REIL. PAPI(P2L)—GA 4.0° TCH 49'. P-line.

RWY 21: REIL. PAPI(P2L)—GA 3.0° TCH 43'.

SERVICE: S4 FUEL 100LL LGT ACTIVATE MIRL Rwy 03-21, PAPI Rwy 03 and Rwy 21, REIL Rwy 03 and Rwy 21—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1430-0000Z. Wildlife on or invof arpt. +75' trees 450' east of rwy centerline near parking ramp.

Rotating bcn not visible ENE to ESE due to trees. For FBO ctc 928-536-4811. +4 - 9' trees and brush in primary surface NW side of rwy 100'-250' from centerline.

AIRPORT MANAGER: (928) 536-4811

WEATHER DATA SOURCES: AWOS-3PT 119.075 (928) 536-2609.

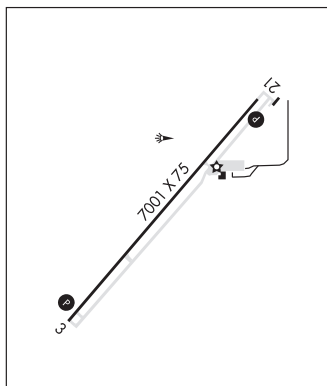
COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ ALBUQUERQUE CENTER APP/DEP CON 132.9

RADIO AIDS TO NAVIGATION: NOTAM FILE SJN.

ST JOHNS (H) VORTAC 112.3 SJN Chan 70 N34°25.44'

W109°08.61' 260° 48.2 NM to fld. 6840/12E.



TEMPLE BAR (U3Ø) 1 SW UTC-7 N36°01.23' W114°20.10'

1549 NOTAM FILE PRC

LAS VEGAS

L-7E

RWY 18-36: H3500X50 (ASPH) S-10

RWY 18: Rgt tfc.

RWY 36: P-line.

AIRPORT REMARKS: Unattended. Wildlife on and invof arpt. Be alert for loose

rock on north turn-a-round and on rwy. Be alert for vehicular traffic on rwy. Rwy 18-36 20' berm 180' west along full length of rwy. Rwy

18-36 grass growing through numerous cracks on rwy. Ldg is recommended uphill to the south. Due to +2% up slope from Rwy 18

to Rwy 36. Do not use tie down area as parallel twy, back taxi on rwy. Acft ramp in failed condition with ruts due to erosion.

AIRPORT MANAGER: (702) 293-2011

COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE RNO.

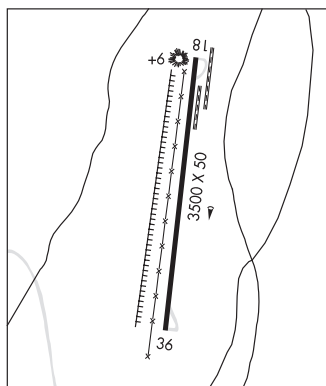
BOULDER CITY (H) VORTACW 116.7 BLD Chan 114 N35°59.75'

W114°51.81' 072° 25.8 NM to fld. 3642/15E. HIWAS.

Unusable:

155°-180° byd 30 NM blo 9,000'

COMM/NAV/WEATHER REMARKS: Call 122.8 for transportation.



TOMBSTONE MUNI (P29) P 3 SE UTC-7 N31°40.28' W110°01.29'

PHOENIX

4743 NOTAM FILE PRC

L-5C

RWY 06-24: H4430X60 (ASPH)

RWY 06: Brush.

RWY 24: Brush.

AIRPORT REMARKS: Unattended. Numerous trees and bushes between 1 and 15' in height within primary surface. Rwy 06-24 has 2-4' vegetation along both sides of rwy.

AIRPORT MANAGER: 520-235-5843

COMMUNICATIONS: CTAF 122.9

TUBA CITY (T03) 5 W UTC-7 N36°05.56' W111°22.99'

LAS VEGAS

4513 B NOTAM FILE PRC

H-4J, L-8G

RWY 15-33: H6230X75 (ASPH) S-12.5 MIRL

RWY 15: VASI(V2L)—GA 3.0° TCH 40'. Hill.

RWY 33: VASI(V2L)—GA 3.0° TCH 40'.

SERVICE: LGT ACTIVATE MIRL Rwy 15-33, VASI Rwy 15 and Rwy 33—CTAF.

AIRPORT REMARKS: Unattended. Rwy 15-33 uneven and rough 1400-2000 ft from thld of Rwy 15. Full width heaving of rwy sfc +6" to +10" in the area is possible. Livestock on airport. Arpt access by calling security department at 928-283-2501.

AIRPORT MANAGER: 505-371-8327

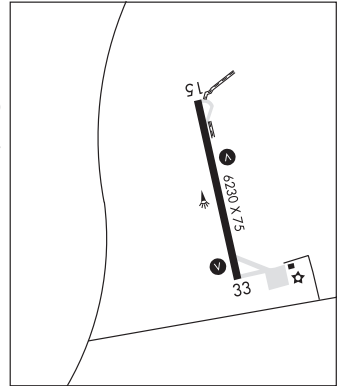
COMMUNICATIONS: CTAF 122.9

RCO 122.05R 113.5T (PRESCOTT RADIO)

RADIO AIDS TO NAVIGATION: NOTAM FILE PRC.

(H) VORTAC 113.5 TBC Chan 82 N36°07.28'

W111°16.18' 238° 5.8 NM to fld. 5045/15E.



TUCSON

RYAN FLD (RYN)(KRYN) 10 SW UTC-7 N32°08.53' W111°10.48'

2419 B TPA—3219(800) NOTAM FILE PRC

RWY 06R-24L: H5503X75 (ASPH) S-12.5, D-30 MIRL

RWY 06R: REIL. Rgt tfc.

RWY 24L: VASI(V4L)—GA 3.0° TCH 26'.

RWY 06L-24R: H4900X75 (ASPH) S-12.5, D-30

RWY 06L: REIL.

RWY 24R: Rgt tfc.

RWY 15-33: H4000X75 (ASPH) MIRL 0.8% up S

RWY 15: Rgt tfc.

RWY 33: Road.

SERVICE: S4 **FUEL** 100LL, **JET A** **LGT** When twr clsd **ACTIVATE** MIRL
Rwy 06R-24L and Rwy 15-33 via CTAF. REIL Rwy 06R opr dalgt hrs only.

AIRPORT REMARKS: Attended Mon-Fri 1500-0000Z, Sat 1500-0000Z. Fuel is avbl from 1500Z to 0000Z, after hrs, Jet A avbl as an on-call svc, and a \$100 fee applies. Prior arrangements can be made by calling 520-744-7474, self serve 100LL avbl 24 hrs with major credit card. Frequent practice of ILS approaches to Rwy 06R. Rwy 06R and Rwy 06L preferential rwy up to 10 knot tailwind. Afternoon winds usually favor Rwy 24L and Rwy 24R. Use landing lights in pattern. Note: See Special Notices—Glider Operations Northwest of Tucson, Arizona.

AIRPORT MANAGER: (520) 573-8100

WEATHER DATA SOURCES: AWOS-3 133.35 (520) 578-0269.

COMMUNICATIONS: CTAF 125.8

Ⓡ **TUCSON APP/DEP CON** 128.5

TOWER 125.8 (1300-0300Z) **GND CON** 118.2

AIRSPACE: CLASS D svc 1300-0300Z other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE TUS.

TUCSON (H) VORTACW 116.0 TUS Chan 107 N32°05.71' W110°54.89' 270° 13.5 NM to fld. 2671/12E.
HIWAS.

VORTAC unusable:

050°-080° byd 30 NM blo 11,500'

350°-020° byd 30 NM blo 13,000'

TACAN AZIMUTH & DME unusable:

155°-165° byd 35 NM blo 13,000'

NDB (HW) 338 RYN N32°08.33' W111°09.69' at fld. 2420/12E. NOTAM FILE PRC. NDB unmonitored.

NDB unusable:

025°-050° byd 25 NM blo 14,500'

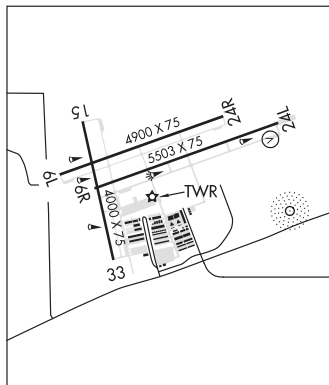
ILS/DME 111.1 I-IV1 Chan 48 Rwy 06R. Unmonitored when ATCT clsd.

COMM/NAV/WEATHER REMARKS: For Clnc Del when ATCT is clsd ctc TUS Apch at 520-829-6121.

PHOENIX

H-4I, L-5C

IAP, AD



TUCSON INTL (TUS)(KTUS) P (ANG) 6 S UTC-7 N32°06.97' W110°56.46'

PHOENIX
H-4J, L-5C
IAP, AD

2643 B TPA—See Remarks AOE Class I, ARFF Index C NOTAM FILE TUS

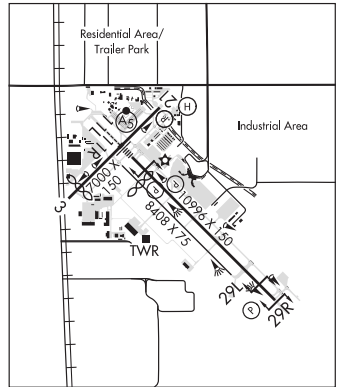
RWY 11L-29R: H10996X150 (ASPH-GRVD) S-160, D-200, 2S-175, 2D-350, 2D/2D2-585 PCN 81 R/B/W/T MIRL
RWY 11L: MALSR. PAPI(P4L)—GA 3.0° TCH 70'. RVR-T 0.7% up.
RWY 29R: REIL. PAPI(P4L)—GA 3.0° TCH 80'. RVR-R Ground. 0.5% down.

RWY 11R-29L: H8408X75 (ASPH) S-120, D-140, 2S-175, 2D-220 PCN 38 F/B/X/T MIRL
RWY 11R: PAPI(P4L)—GA 3.0° TCH 32'. Thld dspclcd 1410'. Rgt tfc. 0.7% up.
RWY 29L: REIL. Pole. 0.6% down.

RWY 03-21: H7000X150 (ASPH-GRVD) S-105, D-137, 2S-174, 2D-230, 2D/2D2-500 PCN 72 F/A/X/T MIRL
RWY 03: Thld dspclcd 850'. Railroad.
RWY 21: REIL. PAPI(P4L)—GA 3.0° TCH 47'. Rgt tfc.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 03: TORA-7000 TODA-7000 ASDA-7000 LDA-6150
RWY 11L: TORA-10996 TODA-10996 ASDA-10996 LDA-10996
RWY 11R: TORA-6998 TODA-6998 ASDA-6998 LDA-6998
RWY 21: TORA-6000 TODA-7000 ASDA-6000 LDA-6000
RWY 29L: TORA-6998 TODA-6998 ASDA-6998 LDA-6998
RWY 29R: TORA-10996 TODA-10996 ASDA-10996 LDA-10996



ARRESTING GEAR/SYSTEM

RWY 11L BAK-14 BAK-12(B) (1000'). **BAK-14** BAK-12(B) (1215') HOOK BAK 12B(B) (128' OVRN). **RWY 29R** SERVICE: S4 FUEL 100LL, JET A OX 1, 2, 3, 4 LGT Rwy 29L/29R REILS opr 24 hrs. **MILITARY—** JASU 1(C-26) 1(MD-3) 9(M32A-60) FUEL A+++, A (avbl 1300-0500Z, OT 2 hr PN \$50 fee, C520-889-0593.) (NC-100LL) FLUID PRESAIR LPOX LOX OIL O-133-156(Mil)

AIRPORT REMARKS: Attended continuously. Air carriers use Rwy 11L-29R and Rwy 03-21. Rwy 11R-29L rstd to tkof/land acft with wing span less than 73' and ldg speed less than 120 kt. Acft dep Rwy 11R required to attain at least 400' AGL prior to starting turn. No B-747 training except PPR; no flight training 0500-1300Z except PPR, call Airside opr department 520-573-8190. Call ops office at 520-573-8190. Rwy 11L-29R gross weight limit: DC-10-10 315,000 lbs, DC-10-30/40 400,000 lbs, L-1011-1 325,000 lbs, L-1011-100/200 340,000 lbs. Rwy 03-21 gross weight limit: DC-10-10 300,000 lbs DC-10-30/40 375,000 lbs, L-1011-01 310,000 lbs, L-1011-100/200 315,000 lbs. All acft use upper antenna until airborne. Helicopter ops located south of Rwy 11R-29L and west of Twy A13. TPA-3443 (800) small acft, 4043 (1400) large/heavy turbojet acft. B-747 acft taxi with inboard engines only. PPR required for all charter, sports team, cargo and military acft. Ctc airside opr for PPR number at 520-573-8190. Ldg and parking fees may apply. Portions of Twy D not visible from twr due to hangars. Twy A5 limited to 70,000 lbs or less. No public svcs avbl at the TUS executive terminal. Ldg fee. Flight Notification Service (ADCUS) avbl. NOTE: See Special Notices—Glider Operations Northwest of Tucson, Arizona, U.S. Special Customs Requirement.

AIRPORT MANAGER: 520-573-8100

WEATHER DATA SOURCES: ASOS (520) 295-5727 HIWAS 116.0 TUS.

COMMUNICATIONS: UNICOM 122.95 ATIS 123.8 520-741-1177

TUCSON RCO 122.2 (PRESCOTT RADIO)

MOUNT LEMMON RCO 122.4 (PRESCOTT RADIO)

APP CON 125.1 (Rwy 11 090°-285°) (Rwy 29 275°-065°) 119.4 (Rwy 11 286°-089°) (Rwy 29 066°-274°) 128.5

DEP CON 125.1 (Rwy 11 090°-285°) (Rwy 29 275°-065°) 119.4 (Rwy 11 286°-089°) (Rwy 29 066°-274°)

TOWER 118.3 119.0 **GND CON** 124.4 **CLNC DEL** 126.65

AIRSPACE: CLASS C svc ctc **APP CON**

RADIO AIDS TO NAVIGATION: NOTAM FILE TUS.

(H) **VORTACW** 116.0 TUS Chan 107 N32°05.71' W110°54.89' 301° 1.8 NM to fld. 2671/12E. **HIWAS.**

VORTAC unusable:

050°-080° byd 30 NM blo 11,500'

350°-020° byd 30 NM blo 13,000'

TACAN AZIMUTH & DME unusable:

155°-165° byd 35 NM blo 13,000'

ILS/DME 111.7 I-TUS Chan 54 Rwy 11L. Localizer backcourse unusable byd 15 NM blo 7,200'. Backcourse unusable byd 10° right of course.

VALLE (See GRAND CANYON on page 47)

WHITERIVER (E24) 1 SW UTC-7 N33°48.64' W109°59.14'
5153 B NOTAM FILE PRC

PHOENIX
H-4K, L-5C

RWY 01-19: H6350X75 (ASPH) S-16 MIRL 1.2% up N

RWY 01: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Rgt tfc.

RWY 19: REIL. Thld dsplcd 250'. Ground.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 01: TORA-6100 TODA-6350 ASDA-6100 LDA-6100

RWY 19: TORA-6350 TODA-6350 ASDA-6350 LDA-6100

SERVICE: LGT ACTIVATE MIRL Rwy 01-19 and REIL Rwy 01 and Rwy 19-122.8.

AIRPORT REMARKS: Attended April-Oct, Mon-Fri, 1400-0030Z and Nov-Mar, Mon-Fri 1500-2330Z. Small wildlife (dogs) on or inofv arpt. Mountains all quadrants. Heavy canyon winds. Heavy fire suppression work Mar-Oct.

AIRPORT MANAGER: 928-338-2477

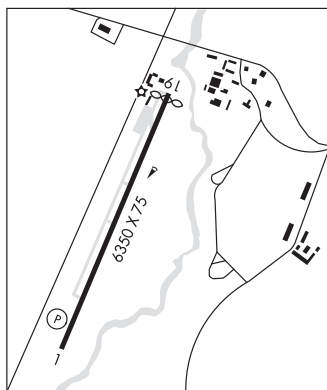
COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE SJN.

ST JOHNS (H) VORTAC 112.3 SJN Chan 70 N34°25.44'

W109°08.61' 217° 55.8 NM to fld. 6840/12E.

COMM/NAV/WEATHER REMARKS: UNICOM monitored by USDOJ during fire season only May-August. AWOS frequency 124.25 3 clicks.



WHITMORE

GRAND CANYON BAR TEN AIRSTRIP (I21) 60 SE UTC-7 N36°15.39' W113°13.85'
4100 NOTAM FILE PRC

LAS VEGAS
L-8F

RWY 16-34: H4600X40 (ASPH-DIRT)

RWY 16: Hill.

RWY 34: Hill.

AIRPORT REMARKS: Attended May-Oct dalgt hrs. Nov-Apr unattended. For arpt information ctc arpt manager 435-628-4010.

Watch for livestock on rwy. Rwy 16-34 1% upslope to the north. Rwy 34 preferred for ldg. Rwy 16 preferred for tkf. Rwy 16 +2' berm 25' from thld, 0' both sides. Rwy 16-34 +3' ditch and berm 30'-35' from centerline, both sides. Rwy 16 first 4000' paved with chip seal 33' wide, last 600' dirt 40' wide. Ldg fee.

AIRPORT MANAGER: 435-628-4010

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE PRC.

PEACH SPRINGS (H) VOR/DME 112.0 PGS Chan 57 N35°37.48' W113°32.67' 007° 40.8 NM to fld.

4760/15E. **HIWAS.**

VOR unusable:

205°-255° byd 30 NM blo 10,500'

DME unusable:

205°-255° byd 30 NM blo 10,500'

WICKENBURG MUNI (E25) 3 W UTC-7 N33°58.24' W112°47.71'

2379 B TPA-3379(1000) NOTAM FILE PRC

RWY 05-23: H6101X75 (ASPH) S-30, D-60 MIRL 1.2% up SW**RWY 05:** REIL. PAPI(P4L)—GA 3.0° TCH 45'. Ground.**RWY 23:** REIL. PAPI(P4L)—GA 3.0° TCH 40'. Rgt tfc.**SERVICE:** S2 **FUEL** 100LL, JET A1+ **LGT**ACTIVATE MIRL Rwy 05-23 REIL Rwy 05, REIL Rwy 23 and twy lghts—CTAF. PAPI Rwy 05 and PAPI Rwy 23 on from dawn to dusk. ACTIVATE PAPI Rwy 05 and PAPI Rwy 23 dusk-dawn—CTAF.**AIRPORT REMARKS:** Attended Tue-Sat 1400-2300z. Self-fueling avbl 24 hrs with major credit card. Jet A avbl with call-out of \$100 after 2300Z on Sun and Mon. Wildlife on or in vicinity of arpt. Rwy 05 has 150' blast pad. Rwy 23 has 150' blast pad.**AIRPORT MANAGER:** 928-684-5451**WEATHER DATA SOURCES:** AWOS-3 121.375 (928) 684-2487.**COMMUNICATIONS:** CTAF/UNICOM 123.0**RADIO AIDS TO NAVIGATION:** NOTAM FILE PRC.**BUCKEYE (L) VORTAC** 110.6 BKK Chan 43 N33°27.21' W112°49.48' 349° 31.0 NM to fld. 1060/14E.

VOR portion unusable:

060°-075° byd 28 NM blo 4,000'

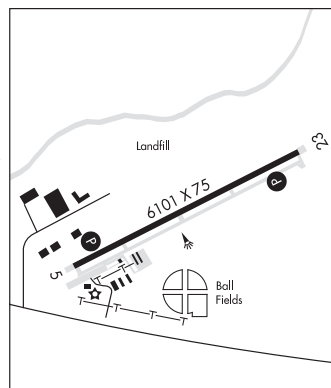
230°-260° byd 35 NM blo 5,000'

280°-320° byd 35 NM blo 7,000'

320°-020° byd 37 NM blo 6,000'

TACAN AZIMUTH & DME unusable:

020°-072° byd 28 NM blo 8,000'

PHOENIX
H-4J, L-5B, 8F, A**WILLCOX****COCHISE CO** (P33) 3 W UTC-7 N32°14.73' W109°53.68'

4187 B NOTAM FILE PRC

RWY 03-21: H6095X75 (ASPH) S-50, D-75, 2D-135 MIRL**RWY 03:** Brush.**SERVICE:** S2 **FUEL** 100LL, JET A1+ **LGT**ACTIVATE MIRL RWY 03-21—CTAF.**AIRPORT REMARKS:** Attended 1500-0000Z, CLOSED holidays. South half of parallel twy to Rwy 03 in failed condition. Preferred calm wind Rwy 21. Military traffic near airport.**AIRPORT MANAGER:** (520) 384-2908**COMMUNICATIONS:** CTAF/UNICOM 122.8**ALBUQUERQUE CENTER APP/DEP CON** 134.45**RADIO AIDS TO NAVIGATION:** NOTAM FILE PRC.**SAN SIMON (H) VORTAC** 115.4 SSO Chan 101 N32°16.15' W109°15.79' 255° 32.2 NM to fld. 3600/13E. **HIWAS.**

VOR & TACAN AZIMUTH unusable:

020°-050° byd 30 NM blo 8,000'

150°-190° byd 28 NM blo 11,300'

190°-220° byd 30 NM blo 9,000'

235°-250° byd 30 NM blo 9,900'

350°-360° byd 30 NM blo 8,000'

DME unusable:

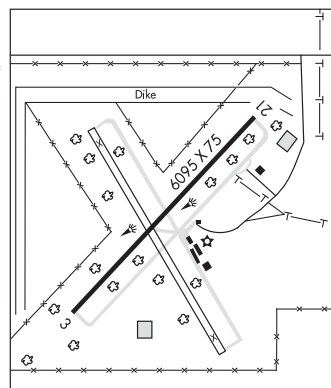
020°-050° byd 30 NM blo 8,000'

150°-190° byd 28 NM blo 11,300'

190°-220° byd 30 NM blo 9,000'

235°-250° byd 30 NM blo 12,500'

350°-360° byd 30 NM blo 8,000'

PHOENIX
H-4K, L-5C
IAF

WILLIAMS

H A CLARK MEM FLD (CMR)(KCMR) 3 N UTC-7 N35°18.33' W112°11.66'

PHOENIX
H-4I, L-8F

6691 B NOTAM FILE PRC

RWY 18-36: H6000X100 (ASPH) MIRL 1.0% up S

RWY 18: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Tree.

RWY 36: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Brush.

SERVICE: FUEL 100LL LGT ACTIVATE MIRL Rwy 18-36, PAPI Rwy 18 and Rwy 36, REIL Rwy 18 and Rwy 36—CTAF.

AIRPORT REMARKS: Unattended. During winter months ctc 928-635-4451 for arpt conditions. 24 hr self svc with major credit card. Rwy 18-36 has isolated 10 ft to 15 ft trees and brush 120 ft west of rwy centerline for entire length.

AIRPORT MANAGER: 928-635-1280

WEATHER DATA SOURCES: AWOS-3 121.125 (928) 635-1278.

COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE FLG.

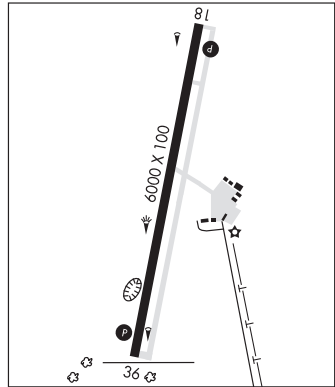
FLAGSTAFF (H) VOR/DME 113.85 FLG Chan 85(Y) N35°08.83' W111°40.45' 276° 27.3 NM to fld. 7026/14E.

VOR/DME unusable:

335°-030° byd 19 NM blo 24,000'

DME unusable:

230°-255° byd 20 NM blo 15,000'



WILLIE N33°18.19' W111°39.09' NOTAM FILE IWA.

PHOENIX
H-4I, L-5B

(L) **VORTACW** 113.3 IWA Chan 80 at Phoenix-Mesa Gateway. 1366/13E. **HIWAS.**

TACAN AZIMUTH & DME unusable:

020°-055° byd 30 NM blo 12,000'

150°-195° byd 20 NM blo 7,500'

VOR portion unusable:

300°-320° byd 25 NM blo 7,500'

320°-300° byd 20 NM blo 7,500'

WINDOW ROCK (RQE)(KRQE) 1 S UTC-7 N35°39.12' W109°04.04'

DENVER
H-4K, L-8H
IAP

6742 B NOTAM FILE RQE

RWY 02-20: H7000X75 (ASPH) S-30, D-45, 2D-75 MIRL

0.6% up NE

RWY 02: REIL. PAPI(P2L)—GA 3.0° TCH 36'. Tree.

RWY 20: Brush. Rgt tfc.

SERVICE: LGT ACTIVATE MIRL Rwy 02-20 and REIL Rwy 02—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1500-0000Z. Rwy 02-20 has excessive loose rock for entire length. Rwy 02-20 has 6" to 8" pavement drop offs along east side for center 1/2 of rwy. Gate access code 6742. Building 20' AGL located 1000' north of Rwy 20 unlgd. No lighted wind indicator at arpt—AWOS avble. Twy turn a round at Rwy 02 thld unusable due to ruts, holes and loose aggregate. Rwy 02 and Rwy 20 numbers faded, centerline missing in most places.

AIRPORT MANAGER: 520-871-6466

WEATHER DATA SOURCES: ASOS 118.325 (928) 871-3421.

COMMUNICATIONS: CTAF/UNICOM 122.8

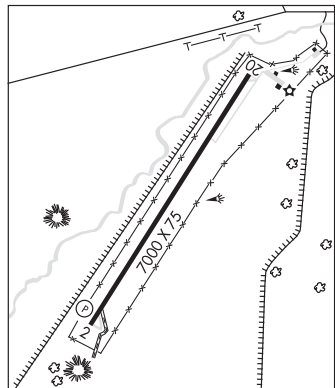
KAYENTA RCO 122.45 (PRESCOTT RADIO)

® **ALBUQUERQUE CENTER APP/DEP CON** 124.325

RADIO AIDS TO NAVIGATION: NOTAM FILE GUP

GALLUP (H) VORTAC 115.1 GUP Chan 98 N35°28.56'

W108°52.36' 304° 14.2 NM to fld. 7053/14E.



WINSLOW-LINDBERGH RGNL (INW)(KINW) 1 W UTC-7 N35°01.31' W110°43.35'

PHOENIX
H-4K, L-8G
IAP

4941 B TPA-5941(1000) NOTAM FILE INW

RWY 04-22: H7497X150 (ASPH) S-50, D-80, 2S-102, 2D-125

MIRL 0.8% up SW

RWY 04: Pole.

RWY 22: REIL. Thld dsplcd 1262'.

RWY 11-29: H7100X150 (ASPH) S-60, D-70, 2S-89, 2D-110

MIRL 0.4% up NW

RWY 11: REIL. VASI(V4L)—GA 3.0° TCH 40'. Tree. Rgt tfc.

RWY 29: VASI(V4L)—GA 3.0° TCH 26'. Fence.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 04: LDA-6237

RWY 22: LDA-6237

SERVICE: FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 04-22 and Rwy 11-29, REIL Rwy 11 and Rwy 22—CTAF. VASI Rwy 11 and Rwy 29 opr continuously.

AIRPORT REMARKS: Attended 1400-0100Z. After hrs svc call 928-587-2630. Rwy 11-29 outer 35' on each side extremely rough due to vegetation growing in the numerous cracks. Southwest corner of Forest Service ramp clsd. Landing fee for commercial aircraft.

Overnight tiedown fee.

AIRPORT MANAGER: (928) 289-2422

WEATHER DATA SOURCES: ASOS 118.875 (928) 289-0134. HIWAS 112.6 INW.

COMMUNICATIONS: CTAF/UNICOM 122.8

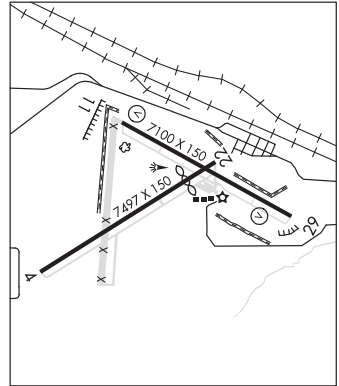
RCO 122.6 (PRESCOTT RADIO)

ALBUQUERQUE CENTER APP/DEP CON 127.675

AIRSPACE: CLASS E svc 1100-0600Z other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE INW.

(H) VORTACW 112.6 INW Chan 73 N35°03.70' W110°47.70' 110° 4.3 NM to fld. 4913/14E. HIWAS.



YUMA MCAS/YUMA INTL (NYL)(KNYL) MIL/CIV N 3 S UTC-7 N32°39.39' W114°36.36'

213 B TPA—See Remarks AOE Class I, ARFF Index A NOTAM FILE NYL

PHOENIX

H-4I, L-5A

IAP, DIAP, AD

RWY 03L-21R: H13300X200 (CONC) PCN 71 R/C/W/T HIRL

RWY 03L: PAPI(P4L)—GA 3.0° TCH 53'. Rgt tfc.

RWY 21R: MALSR. PAPI(P4L)—GA 3.0° TCH 50'.

RWY 03R-21L: H9240X150 (ASPH-CONC) PCN 59 F/B/W/T HIRL

RWY 03R: PAPI(P4L)—GA 3.0° TCH 50'. Antenna. Rgt tfc.

RWY 21L: PAPI(P4L)—GA 3.0° TCH 51'. Road.

RWY 08-26: H6146X150 (ASPH) PCN 33 F/B/W/T HIRL

RWY 08: Road. Rgt tfc.

RWY 26: Road.

RWY 17-35: H5710X150 (ASPH) PCN 33 F/B/W/T HIRL

RWY 17: VASI(V4L)—GA 3.0° TCH 40'. Tree. Rgt tfc.

RWY 35: REIL. Brush.

ARRESTING GEAR/SYSTEM

RWY 03L HOOK E28(B) (3495') HOOK E28(B) (1699'). **RWY 21R**

RWY 03R HOOK E28(B) (2725') HOOK E28(B) (1675') **RWY 21L**

SERVICE: S2 FUEL 100, JET A, A+ OX 1, 2, 3, 4 LGT When twr clsd,

ACTIVATE HIRL Rwy 08-26 and Rwy 17-35 and Twys A, A1, A2, B,

C, L, and Z—CTAF. **MILITARY—A-GEAR** For E-28 A-G cond when afld is

clsd mnt ATIS. **JASU 1**(NC-10) 1(NCPP-105) FUEL F24(Mil)—Avbl O/R

for shipbound acft. F24(Mil). A, A+ (ctc 131.225 or

C928-247-9571) (NC-100LL) Rotary wing hot pits avbl 1500-0600Z Mon-Fri by PPR VAL (928) 269-2445, and

avbl weekend with 72 hr prior coordination, fuels (928) 269-2478/2312. **FLUID LOX** LHNIT LPOX OIL O-156

AIRPORT REMARKS: Attended continuously. Fuel on call 24 hrs. CAUTION: Extv jet trng ops, exer incrd vigilance. Heavy bird

migration Nov thru Mar. Mil opr hr 1400-0530Z, mil ramp clsd hol. Mil ops N/A between 1400-1430Z due to afld

maintenance. Mandatory all general aviation and air carrier acft opr VFR enter arpt tfc area at 1200' MSL when assigned

Rwy 08-26 or Rwy 17-35. All acft avoid overflt Mexican border 7 NM West of arpt. Tfc pat for Rwys 03L/R and 21R/L

overlap tfc pat for Rwys 08-26 and 17-35. TPA Rwys 08-26 and 17-35 1200(984). TPA Rwys 03L/R and 21R/L

1700(1484). TPA for civil turbo-jet acft assigned Rwy 03L/R or 21R/L 1700(1487), initial alt 3500' 6 NM, TPA

helicopters 700(487). Helicopters rqr to enter arpt tfc area at TPA—1200(987), then descend to 700' prior to all rwys.

Mandatory all dep general aviation and air carrier acft opr VFR fly rwy hdg after dep and maintain 1200' MSL until outside

arpt tfc area unless otherwise apvd by twr. Extv mil jet opr from 4000-3000' MSL descending to 1700' MSL within 6

NM SW straight-in Rwys 03L/R and within 6 NM NE straight-in Rwy 21R/L. Ambulances opr btn 0500-1300Z needing

gnd access ctc Civil Airport Authority C928-941-2396 or 376-5868. Twy A2 PCN 33/F/B/W/T, Twy K PCN 30/B/W/T,

Twy L PCN 33/F/B/W/T, Twy Z PCN 33/F/B/W/T. Rotary wing acft recoveries not authorized to VTOL pad-4. Flight

Notification Service (ADCUS) available. U.S. CSTMS port of entry ctc 928-344-9572 or (928) 314-1295. Civil arpt ops

ctc 928-726-5882 x 2161 or 928-941-2396. NOTE: See Special Notices—U.S. Special Customs Requirement.

MILITARY REMARKS: Opr 1400-0530Z daily. Military ramp clsd hol. Civilian opr ARFF Index B outside military opr hr and hol.

See FLIP AP/1, Supplementary Arpt Information. Mil arpt ops-928-269-2325. RSTD Flt clnc manned dur mil opr hr

DSN 269-2326/2323/2077, C928-269-2326/2323/2077. PPR all tran acft, 24 hr PN DSN 269-2445/2760

C928-269-2445/2760. AV8B vstol training to Rwy 03-21 may have priority Mon-Fri over mil multiple practice apch.

Civilian arpt ops C928-726-5882 extension 2156. When twr clsd ARFF FAA/on Index Don Category is B/1. All mil ops

are confined to mil opr hr. High volume of military acft conducting ops in the local area on UHF frequencies. Pilots opr on

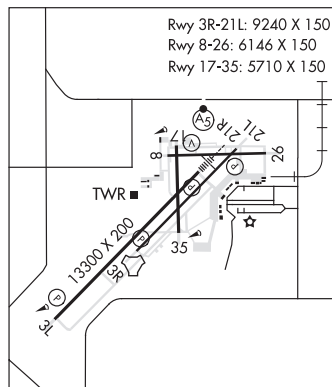
VHF frequencies must exer centerline and strict compliance to twr instructions. When twr is open, ARFF FAA Index/Don

Category is E/3. All mil ops are confined to mil opr hrs. DSN 269-2445/2760, C928-269-2445/2760. AV8B

vertical/short tkf and ldg to Rwy 03-21 may have priority Mon-Fri over mil multiple practice apch. Range notifications

pilots shall go to the following website for safety of flt range notification/restrictions within the R-2507 and R-2301W.

<http://www.mcasayuma.marines.mil/resources/rangenotifications.aspx>.



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AIRPORT MANAGER: 928-726-5882

WEATHER DATA SOURCES: ASOS 256.4. ASOS to be installed at an auxiliary landing field established by USMC MCAS Yuma in support of training for aviation operations aboard MCAS Yuma. ASOS to provide local use data for USMC training purposes.

COMMUNICATIONS: CTAF 119.3 ATIS 118.8 273.5 (1430-0530Z daily. Clsd hol, other times by NOTAM) **UNICOM** 122.95

YUMA RCO 122.6 (SAN DIEGO RADIO)

YUMA RCO 122.2 (PRESCOTT RADIO)

® **APP CON** 124.7

TOWER 119.3 377.075 (1400-0530Z clsd hol) **GND CON** 121.9 314.0

DEP CON 125.55 282.325

CLNC DEL 118.0 336.4

COMD POST 337.9 **PMSV METRO** 120.7 120.725 349.75 (Avbl Mon-Fri 1400-2330Z only)

VFR ADVSY SVC 124.7 371.975

AIRSPACE: CLASS D svc 1400-0530Z ; closed holidays other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE NYL.

(L) **TACAN** Chan 84 NYL (113.7) N32°38.81' W114°36.81' at fld. 193/11E.

ILS 108.3 I-YUM Rwy 21R. Class IE. Localizer unusable byd 25° east and byd 25° west of localizer course.

ASR/PAR

COMM/NAV/WEATHER REMARKS: Radar see Terminal FLIP for Radar Minima.

ADIN (A26) 1 SW UTC-8(-7DT) N41°11.19' W120°57.26'
 4234 TPA—5034(800) NOTAM FILE RIU
RWY 09-27: H2850X40 (ASPH) S-12
RWY 27: Thld dsplcd 289'. Road.
AIRPORT REMARKS: Unattended.
AIRPORT MANAGER: 530-233-6412
COMMUNICATIONS: CTAF 122.9

KLAMATH FALLS

AGUA CALIENTE SPRINGS (L54) 1 NE UTC-8(-7DT) N32°57.34' W116°17.68'
 1220 TPA—2020(800) NOTAM FILE SAN
RWY 11-29: H2500X60 (ASPH) S-12
RWY 11: Hill.
RWY 29: Rgt tfc.
AIRPORT REMARKS: Unattended. Rwy 11-29 CLOSED SS-SR, not lgtd. Wind permitting, use of Rwy 29 for landing and Rwy 11 for dep recommended due to 460' hill 1/2 mile west of arpt. Acft shall self announce on CTAF prior to ldg or dep. PPR for all military acft, copter skid/run-on ldg prohibited, ctc arpt manager.
AIRPORT MANAGER: (619) 956-4800
COMMUNICATIONS: CTAF 122.9

LOS ANGELES

AGUA DULCE (L7Ø) 2 E UTC-8(-7DT) N34°30.15' W118°18.88'
 2660 TPA—3660(1000) NOTAM FILE RAL
RWY 04-22: H4600X50 (ASPH) 1.9% up SW
RWY 04: Thld dsplcd 580'. Bldg.
RWY 22: Thld dsplcd 838'. Fence. Rgt tfc.
SERVICE: FUEL 100LL

LOS ANGELES
L-3E, 4G, 7B

AIRPORT REMARKS: Attended 1600-0200Z. Arpt unattended Christmas Day, Thanksgiving Day and New Years Day. Fuel is self svc. Arpt CLOSED SS-SR. All night ops prohibited by local restrictions. Formation arr and dep prohibited. No touch and go ldfs. No aerobatics permitted. 10-25' wide ditch at 170' along SE edge of rwy. Avoid flying within 1000' of school approximately one mile SW. Rwy 04 dep avoid flying over homes 2000' NE of rwy end. ACTIVATE mike 5 times on CTAF frequency for arpt wx.

AIRPORT MANAGER: (661) 268-8835
COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE PMD.

PALMDALE (H) VORTAC 114.5 PMD Chan 92 N34°37.88'
 W118°03.83' 223° 14.6 NM to fld. 2498/15E.

VOR unusable:

010°-020°

110°-160° byd 35 NM blo 11,600'

160°-235° byd 30 NM blo 8,100'

TACAN AZIMUTH unusable:

110°-145° byd 20 NM blo 15,500'

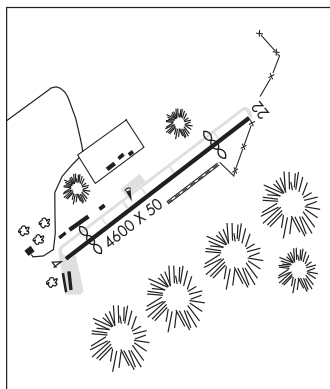
145°-235° byd 20 NM blo 14,500'

345°-355° byd 35 NM

DME unusable:

120°-145° byd 20 NM blo 15,500'

145°-150° byd 20 NM blo 14,500'



ALPINE CO (See MARKLEEVILLE on page 161)

ALTURAS

ALTURAS MUNI (AAT)(KAAT) 1 W UTC-8(-7DT) N41°28.97' W120°33.93'

KLAMATH FALLS

4378 B TPA—5378(1000) NOTAM FILE AAT

L-11A

RWY 13-31: H4228X50 (ASPH) S-12 MIRL

IAP

RWY 13: Road. Rgt tfc.

RWY 31: REIL. VASI(V2L)—GA 3.0° TCH 26'. Railroad.

RWY 03-21: H2506X60 (ASPH) S-12 LIRL 0.5% up NE

RWY 03: REIL. VASI(V2L)—GA 3.0° TCH 28'. Railroad.

RWY 21: Tree. Rgt tfc.

SERVICE: S4 **FUEL** 100LL, JET A **LGT** Rwy 31 VASI unusable indef.

ACTIVATE REIL Rwy 03 and Rwy 31; VASI Rwy 03 and Rwy 31;

MIRL Rwy 13-31; LIRL Rwy 03-21—CTAF.

AIRPORT REMARKS: Attended 1600-0100Z±. Deer on and in/ov arpt.

Wildlife refuges to the SW, S, and SE present potential bird hazards to acft from Oct-April. Firefighting acft seasonal May-Oct. Arrivals Rwy 21 discouraged due to school on apch. No tkf Rwy 03 to NE except during adverse wind conditions. 150' minimum alt over houses.

AIRPORT MANAGER: 530-233-5125

WEATHER DATA SOURCES: ASOS 124.175 (530) 233-5251.

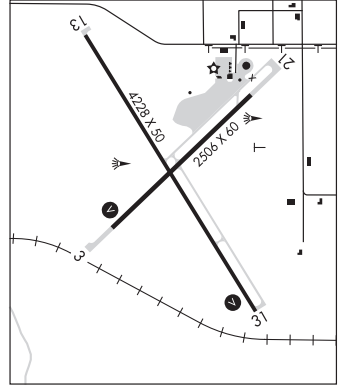
COMMUNICATIONS: CTAF/UNICOM 122.8

® **SEATTLE CENTER APP/DEP CON** 127.6

RADIO AIDS TO NAVIGATION: NOTAM FILE LKV.

LAKEVIEW (H) VORTACW 112.0 LKV Chan 57 N42°29.57'

W120°30.43' 163° 60.6 NM to fld. 7465/19E. **HIWAS.**



CALIFORNIA PINES (A24) 8 SW UTC-8(-7DT) N41°24.74' W120°41.03'

KLAMATH FALLS

4389 TPA—5189(800) NOTAM FILE RNO

L-11A

RWY 05-23: H4159X60 (ASPH) S-12 0.4% up NE

RWY 23: Rgt tfc.

AIRPORT REMARKS: Unattended. Deer in/ov arpt. Vehicles opr in/ov arpt.

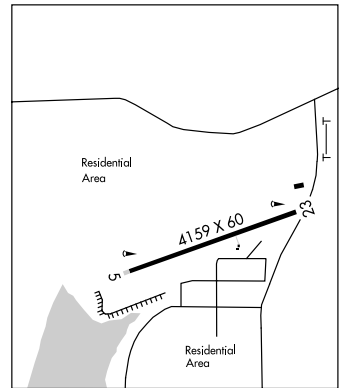
AIRPORT MANAGER: 530-233-2766

COMMUNICATIONS: CTAF/UNICOM 123.0

RADIO AIDS TO NAVIGATION: NOTAM FILE LKV.

LAKEVIEW (H) VORTACW 112.0 LKV Chan 57 N42°29.57'

W120°30.43' 168° 65.3 NM to fld. 7465/19E. **HIWAS.**



AMEDEE AAF (AHC)(KAHC) A 9 N UTC-8(-7DT) N40°15.96' W120°09.04'

KLAMATH FALLS

4012 NOTAM FILE RNO Not insp.

H-3B, L-9A, 11A

RWY 08-26: H10000X150 (ASPH) PCN 110F/C/W/T

DIAP

RWY 26: PAPI(P4L)—GA 3.0° TCH 87'.

MILITARY REMARKS: Unattended. **MISC** PPR and apch call is rqr prior to ldg. Daylight ops only unless waiver granted by afld mgr.

AIRPORT MANAGER: 530-827-4147

WEATHER DATA SOURCES: AWOS-3 118.825 (530) 827-4520.

COMMUNICATIONS: CTAF 126.1

OAKLAND CENTER APP/DEP 128.8 285.5

RADIO AIDS TO NAVIGATION: NOTAM FILE RNO.

(T) **VORW/DME** 109.0 AHC Chan 27 N40°16.07' W120°09.12' at fld. 4005/17E.

VOR unusable:

000°-040° byd 10 NM

320°-000°

DME unusable:

000°-040° byd 10 NM

320°-000°

ANDY MC BETH (See KLAMATH GLEN on page 145)

ANGELS CAMP N38°01.40' W120°35.40'
RCO 122.3 (RANCHO MURIETA RADIO)

SAN FRANCISCO
H-3B, L-3B

ANGWIN-PARRETT FLD (203) 1 E UTC-8(-7DT) N38°34.80' W122°26.13'
1875 TPA—2725(850) NOTAM FILE OAK

SAN FRANCISCO
L-2G, 3A

RWY 16-34: H3217X50 (ASPH) LIRL 1.1% up N

RWY 16: TRCV(TRIL)—GA 5.0° TCH 18'. Tree.

RWY 34: TRCV(TRIR)—GA 5.0° TCH 18'. Trees. Rgt tfc.

SERVICE: S4 FUEL 100LL OX 1, 2 LGT ACTIVATE LIRL Rwy 16-34 and TRCV Rwys 16 and 34—CTAF.

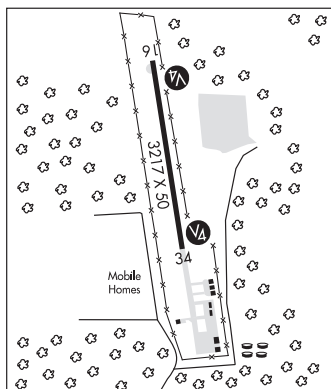
AIRPORT REMARKS: Attended Sun-Fri 1600-0100Z†. NOTE: See Special Notice—Extensive Flight Training in vicinity of Angwin-Parrett Field Airport.

AIRPORT MANAGER: 707-965-6219

COMMUNICATIONS: CTAF/UNICOM 123.0

RADIO AIDS TO NAVIGATION: NOTAM FILE APC.

SCAGGS ISLAND (L) VORTACW 112.1 SGD Chan 58 N38°10.76'
W122°22.39' 336° 24.2 NM to fld. 5/17E.



ANTELOPE MTN N41°36.60' W122°37.42'
RCO 122.4 (RANCHO MURIETA RADIO)

KLAMATH FALLS

APPLE VALLEY (APV)(KAPV) 3 N UTC-8(-7DT) N34°34.52' W117°11.17'
3062 B TPA—See Remarks NOTAM FILE RAL

LOS ANGELES
H-4I, L-4H, 7C
IAP

RWY 18-36: H6498X150 (ASPH) S-70, D-90, 2D-150 MIRL
1.5% up N

RWY 18: PAPI(P2L)—GA 3.5° TCH 49'. Hill.

RWY 36: PAPI(P2L)—GA 3.0° TCH 40'. Thld dsplcd 597'. Rgt tfc.

RWY 08-26: H4099X60 (ASPH) S-40, D-60, 2D-100 0.4% up E

RWY 08: PAPI(P2L)—GA 3.0° TCH 38'. P-line. Rgt tfc.

RWY 26: PAPI(P2L)—GA 3.0° TCH 47'.

SERVICE: S4 FUEL 100LL, JET A

AIRPORT REMARKS: Attended 1600-0100Z†. Parachute Jumping. Fuel avbl 24 hrs call (760) 617-7599. Aerobatic training northeast area of arpt. Rwy 08-26 CLOSED to acft over 12,500 pounds without PPR from arpt manager, call 760-247-2371. Rwy 08-26 CLOSED to ngt ops due to rapidly rising terrain east and west of rwy, west to 3890' within 1.5 NM and east to 3910' within 1.7 NM. Rwy 18-36 on apch to Rwy 36 cross Rwy 08-26. TPA—Rwy 18-36 4062(1000), Rwy 08-26 3862(800).

AIRPORT MANAGER: 760-247-2371

COMMUNICATIONS: CTAF/AUNICOM 122.8

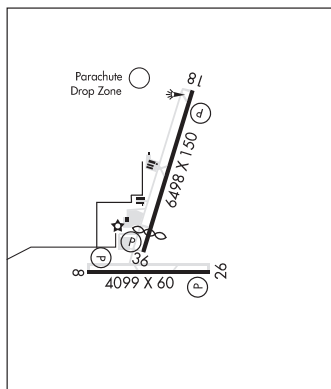
BARSTOW RCO 122.3 (RIVERSIDE RADIO)

® JOSHUA APP/DEP CON 124.55

RADIO AIDS TO NAVIGATION: NOTAM FILE DAG.

DAGGETT (L) VORTACW 113.2 DAG Chan 79 N34°57.75' W116°34.69' 218° 38.0 NM to fld. 1760/15E.
HIWAS.

COMM/NAV/WEATHER REMARKS: Automated UNICOM-3 clicks advisory, 4 clicks radio check.



ARCATA/EUREKA

CALIFORNIA REDWOOD COAST—HUMBOLDT CO (ACV)(KACV) P (CG) 7 N UTC-8(-7DT)

KLAMATH FALLS
H-3B, L-2I
IAP

N40°58.67' W124°06.51'

222 LRA Class I, ARFF Index A NOTAM FILE ACV

RWY 14-32: H6046X150 (ASPH-GRVD) S-60, D-155, 2S-175,

2D-280 PCN 23 F/D/X/U HIRL CL 0.7% up SE

RWY 14: REIL. PAPI(P4L)—GA 3.0° TCH 50'. RVR-TR Thld dsplcd 245'. Rgt tfc.

RWY 32: MALSR. TDZL. PAPI(P4L)—GA 3.0° TCH 43'. RVR-TR Thld dsplcd 200'. Tree.

RWY 01-19: H4501X150 (ASPH-GRVD) S-60, D-95, 2S-121, 2D-170 PCN 5 F/D/X/U MIRL 0.5% up N

RWY 01: REIL. VASI(V4L)—GA 3.0° TCH 43'.

RWY 19: Trees. Rgt tfc.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 14: TORA-6001 TODA-6001 ASDA-6001 LDA-5801

RWY 32: TORA-6046 TODA-6046 ASDA-6046 LDA-5846

SERVICE: FUEL 100LL, JET A LGT ACTIVATE MALSR Rwy 32, REIL Rwy 14, TDZL Rwy 32, PAPI Rwy 14 and Rwy 32, HIRL Rwy 14-32, RCLL Rwy 14-32—CTAF. MIRL Rwy 01-19, REIL Rwy 01, and VASI Rwy 01 PPR ctc (707) 382-2551 or (707) 382-2551 or (707) 496-0102.

MILITARY— FUEL J5 (Mil)- Ltd (NC-100LL - Avbl 1200-0800Z†, C707-382-2551, After hr PN rqr.)

AIRPORT REMARKS: Attended 1200-0759Z†. Fuel avbl 0400-2400 local, and after hrs with advanced notice. Cold temperature rstd arpt. Altitude correction required at or blo -5C.

MILITARY REMARKS: Opr 1400-0700Z† Sun-Fri, 1500-0200Z† Sat. **TFC PAT** Rgt tfc Rwy 14. Rgt tfc Rwy 19. **MISC** All rwy grvd. Arpt manager C707-839-5402. **CG** PPR phone, C707-839-6113. Ltd tran parking avbl. No skid type acft allowed on CG ramp due to soft asph.

AIRPORT MANAGER: 707-839-5401

WEATHER DATA SOURCES: ASOS 118.525 (707) 839-7429.

COMMUNICATIONS: CTAF/UNICOM 123.0

RCO 122.6 (OAKLAND RADIO)

SEATTLE CENTER APP/DEP CON 124.85 306.3

COAST GUARD AIR OPS 345.0

AIRSPACE: CLASS E

RADIO AIDS TO NAVIGATION: NOTAM FILE ACV.

ARCATA (L) VORW/DME 110.2 ACV Chan 39 N40°58.89' W124°06.50' at fld. 195/17E.

VOR unusable:

300°-330° byd 25 NM blo 8,000'

DME unusable:

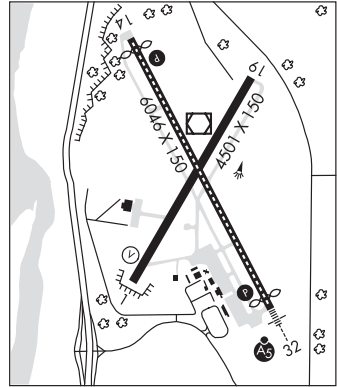
010°-015° byd 35 NM blo 8,500'

045°-070° byd 25 NM blo 11,000'

070°-130° byd 25 NM blo 10,000'

300°-330° byd 25 NM blo 8,000'

ILS/DME 109.5 I-ACV Chan 32 Rwy 32. Class IE. Unmonitored.



ARCATA N40°58.89' W124°06.50' NOTAM FILE ACV.

(L) VORW/DME 110.2 ACV Chan 39 at California Redwood Coast—Humboldt Co. 195/17E.

VOR unusable:

300°-330° byd 25 NM blo 8,000'

DME unusable:

010°-015° byd 35 NM blo 8,500'

045°-070° byd 25 NM blo 11,000'

070°-130° byd 25 NM blo 10,000'

300°-330° byd 25 NM blo 8,000'

RCO 122.6 (OAKLAND RADIO)

ARMITAGE FLD (See CHINA LAKE NAWS (ARMITAGE FLD) on page 105)

ATWATER

CASTLE (MER)(KMER) 3 NE UTC-8(-7DT) N37°22.83' W120°34.09'

SAN FRANCISCO

191 B TPA—See Remarks NOTAM FILE MER

H-3B, L-3B

RWY 13-31: H11802X150 (ASPH-CONC) S-155, D-200, 2S-175, 2D-415, 2D/2D2-720 HIRL

IAP AD

RWY 13: ALSF1. PAPI(P4L)—GA 3.0° TCH 75'.

RWY 31: ALSF1. PAPI(P4L)—GA 3.0° TCH 71'. Rgt tfc.

SERVICE: S2 FUEL 100LL, JET A LGT ALSF1 Rwy 13 and Rwy 31 sequenced flashing lghts OTS indef. When twr is clsd ACTIVATE HIRL Rwy 13-31, ALSF1 Rwy 13 and Rwy 31—frequency 123.000, 3 clicks on, 5 clicks increase intensity, 7 clicks off. PAPI Rwy 13 and PAPI Rwy 31 opr continuously.

AIRPORT REMARKS: Attended 1700-0200Z†. For arpt information 209-385-7686. For fuel 0200-1700Z† call 209-725-1455. Rwy 31 will be the designated calm wind rwy (wind 5 Kts or less). Opposite end of rwy not visible on tkt. Rwy 13-31 1,000' paved blast pad both ends of rwy. When twr is clsd opposite direction tkfs and lghts are not authorized. Civilian and military training may occasionally cause pattern congestion. When twr is clsd maximum of 5 acft permitted in VFR traffic pattern at any one time and 2,000' ceiling and 3 miles visibility recommended. Twy B clsd to acft greater than 30,000 lbs. TPA—1191(1000), turbine and large acft 1691(1500). Rwy 13-31 180° turns prohibited.

AIRPORT MANAGER: 209-385-7686

WEATHER DATA SOURCES: AWOS-3 124.475 (209) 725-0104.

COMMUNICATIONS: CTAF 118.175 ATIS 124.475 UNICOM 122.95

Ⓡ NORCAL APP/DEP CON 120.95

TOWER 118.175 (1500-0500Z†) **GND CON** 133.575

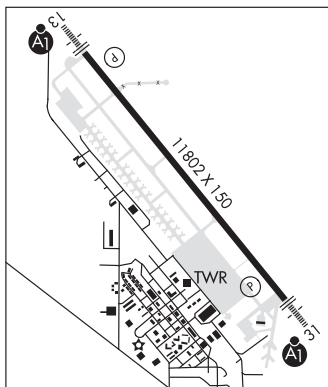
AIRSPACE: CLASS D svc 1500-0500Z† other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE MCE.

EL NIDO (L) VOR/DME 114.2 HYP Chan 89 N37°13.17' W120°24.01' 305° 12.6 NM to fld. 184/15E.

ILS 109.5 I-MER Rwy 31. Localizer unusable byd 25° both sides of course. Unmonitored 0500-1500Z† daily.

COMM/NAV/WEATHER REMARKS: For clnc del when twr is clsd ctc Norcal apch at 916-361-0516.



AUBURN MUNI (AUN)(KAUN) 3 N UTC-8(-7DT) N38°57.29' W121°04.90'

SAN FRANCISCO

1538 B TPA—See Remarks NOTAM FILE AUN

L-2G, 3A

RWY 07-25: H3700X75 (ASPH) S-30 MIRL 1.2% up E

IAP

RWY 07: PAPI(P2L)—GA 3.0° TCH 21'. Thld dspcd 200'. Hill.

RWY 25: PAPI(P2L)—GA 3.5° TCH 34'. Hill.

SERVICE: S4 FUEL 80, 100LL, JET A OX 1, 2, 3, 4 LGT Rwy 25 PAPI unusable byd 5° left of centerline. ACTIVATE PAPI Rwy 07, MIRL Rwy 07-25—CTAF. PAPI Rwy 25 opr continuously..

AIRPORT REMARKS: Attended 1600-0200Z†. Fuel 100LL and Jet A avbl 24 hrs. Ultralight activity on and invof arpt. TPA-2538(1000). Helicopter TPA-2118(580). Helicopter rgt tfc for Rwy 07. Noise abatement procedure for Rwy 25; after tkt speed and altitude permitting make 20° left turn at end of rwy to avoid mobile home park and convalescent hospital.

AIRPORT MANAGER: 530-386-4211

WEATHER DATA SOURCES: AWOS-3 119.375 (530) 888-8934.

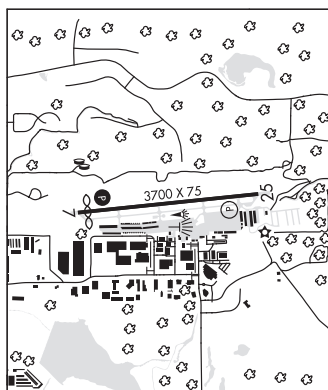
COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ NORCAL APP/DEP CON 125.4

RADIO AIDS TO NAVIGATION: NOTAM FILE TVL.

SQUAW VALLEY (L) VOR/DME 113.2 SWR Chan 79 N39°10.82' W120°16.18' 235° 40.3 NM to fld. 8850/16E. **HIWAS.**

COMM/NAV/WEATHER REMARKS: For clnc del ctc Norcal apch at 916-361-6874.



AVALON

CATALINA (AVX)(KAVX) 6 NW UTC-8(-7DT) N33°24.30' W118°24.95'

LOS ANGELES

1602 TPA—2602(1000) NOTAM FILE AVX

L-3E, 4G

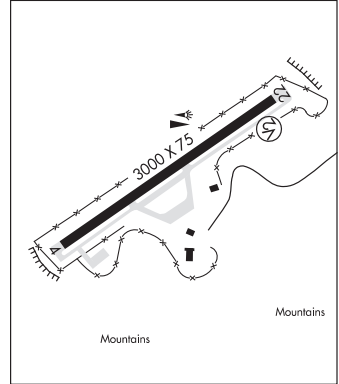
RWY 04-22: H3000X75 (ASPH) MIRL(NSTD) 1.8% up SW

IAP

RWY 22: REIL. PVASI(PSIL)—GA 3.0° TCH 39'. Rgt tfc.

SERVICE: LGT Rwy 04-22 NSTD MIRL, 2971' lgt'd between thlds only.
NSTD rwy lghts for emergency use only call 310-510-0143. PSIL Rwy 22 opr during arpt opr hrs.

AIRPORT REMARKS: Attended Mar 21-Oct 17 1600-0300Z†, Oct 18-Mar 20 1600-0100Z†. Arpt CLOSED for all opr other than during published attendance schedule hrs exc for emergency. Rwy 04-22 Limited by arpt operator to 12,500 lbs. gross weight. Full stop ldg only. No intersection takeoff. Rwy 04 final 2,300' steep 2.1% downslope, Rwy 22 upslope preferred ldg. Pilots cannot see acft on opposite ends of rwy due to gradient, must announce taking acft rwy on unicom prior to dep. Rwy 04-22 sfc rough with numerous potholes and soft spots. Potholes and loose pavement fragments on rwy. Rwy 04-22 NSTD rwy safety areas. Ldg fee.



AIRPORT MANAGER: 310-510-0143

WEATHER DATA SOURCES: ASOS 120.675 (310) 510-9641.

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ **SOCAL APP/DEP CON** 127.4

RADIO AIDS TO NAVIGATION: NOTAM FILE HHR.

SANTA CATALINA (L) VORTACW 111.4 SXC Chan 51 N33°22.50' W118°25.19' 352° 1.8 NM to fld. 2090/15E.

AVENAL N35°38.82' W119°58.72' NOTAM FILE RIU.

LOS ANGELES

(H) **VORW/DME** 117.1 AVE Chan 118 079° 14.4 NM to Lost Hills-Kern Co. 710/16E.

H-4H, L-3C, 7A

VOR unusable:

145°-280° byd 25 blo 10,000'

281°-300° byw 25 blo 9,000'

DME unusable:

145°-280° byd 25 blo 10,000'

281°-300° byd 25 blo 9,000'

BAKER (Ø02) 2 NW UTC-8(-7DT) N35°17.18' W116°04.88'

LOS ANGELES

922 B TPA—1922(1000) NOTAM FILE RAL

L-7D

RWY 15-33: H3157X50 (ASPH) MIRL

RWY 33: P-line. Rgt tfc.

SERVICE: LGT ACTIVATE MIRL Rwy 15-33—CTAF.

AIRPORT REMARKS: Unattended. Mountain 1/2 mile W of arpt.

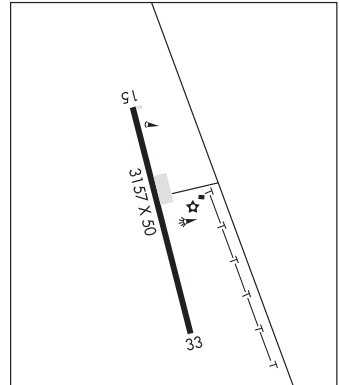
AIRPORT MANAGER: 760-247-2371

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE DAG.

DAGGETT (L) VORTACW 113.2 DAG Chan 79 N34°57.75'

W116°34.69' 036° 31.2 NM to fld. 1760/15E. **HIWAS.**



BAKERSFIELD**BAKERSFIELD MUNI** (L45) 3 S UTC-8(-7DT) N35°19.49' W118°59.76'

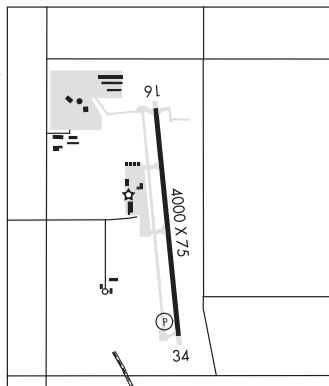
378 B TPA-1178(800) NOTAM FILE RIU

RWY 16-34: H4000X75 (ASPH) S-20 MIRL**RWY 16:** REIL. Road. Rgt tfc.**RWY 34:** REIL. PAPI(P2L)—GA 4.1° TCH 53'. P-line.**SERVICE:** S4 **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 16-34, REIL Rwy 34 and Rwy 16—CTAF. PAPI Rwy 34 opr continuously. ACTIVATE MIRL Rwy 16-34 three clicks for on, lgts go out after 15 minutes.**AIRPORT REMARKS:** Attended 1500-0100Z†. 100' pole line 1/2 mile south of arpt.**AIRPORT MANAGER:** (661) 326-3781**COMMUNICATIONS:** CTAF/UNICOM 122.8**RCO** 122.45 (RANCHO MURIETA RADIO)Ⓡ **BAKERSFIELD APP/DEP CON** 126.45 (1400-0700Z†)Ⓡ **L.A. CENTER APP/DEP CON** 127.1 (0700-1400Z†)**RADIO AIDS TO NAVIGATION:** NOTAM FILE BFL.**SHAFTER (H) VORTACW** 115.4 EHF Chan 101 N35°29.07' W119°05.84' 139° 10.8 NM to fld. 549/14E. **HIWAS.**

LOS ANGELES

L-3D, 7B

IAP

**MEADOWS FLD** (BFL)(KBFL) 3 NW UTC-8(-7DT) N35°26.03' W119°03.46'

510 B ARFF Index—See Remarks NOTAM FILE BFL

RWY 12L-30R: H10849X150 (ASPH-GRVD) S-96, D-155, 2S-175,

2D-260, 2D/2D2-654 PCN 38 F/B/X/T HIRL CL

RWY 12L: VASI(V4L)—GA 3.0° TCH 46'. RVR-TMR 0.4% down.**RWY 30R:** MALSR. TDZL. PAPI(P4L)—GA 3.0° TCH 67'. RVR-TMR Thld dspclcd 3419'. Rgt tfc. 0.3% up.**RWY 12R-30L:** H7703X100 (ASPH) S-18 MIRL 0.3% up NW**RWY 12R:** PAPI(P4L)—GA 3.0° TCH 25'. Rgt tfc.**RWY 30L:** Thld dspclcd 1493'. Tree.**RUNWAY DECLARED DISTANCE INFORMATION****RWY 30R:**TORA-10855 TODA-10855 ASDA-10855 LDA-7429**SERVICE:** S4 **FUEL** 100, 100LL, JET A **OX** 4 **LGT** When twr clsd

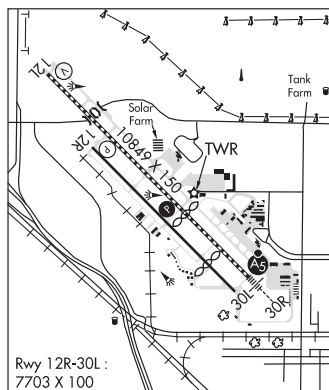
ACTIVATE MALSR Rwy 30R, HIRL Rwy 12L-30R, PAPI Rwy 30R—CTAF. PAPI Rwy 12R not opr when twr clsd.

AIRPORT REMARKS: Attended continuously. Rwy 12R-30L CLOSED when twr clsd. Right base ops for Rwy 30R establish wings level on final apch no lower than 300' AGL. Arpt ops not authorized blo 1200 RVR without SMGCS. Arpt ops not initiated blo 600 RVR or authorized blo 500 RVR. Noise sensitive areas South and East of arpt recommended turbojet trng hrs weekdays 1600-0600Z†, weekends 2000-0600Z† no more than ten practice apchs per hr. Rwy 12R-30L NSTD holding position markings/sign locations. Rwy 30R 50:1 to dspclcd thld. Class I, ARFF Index B. Index C ARFF avbl.**AIRPORT MANAGER:** 661-391-1870**WEATHER DATA SOURCES:** ASOS (661) 393-3766**COMMUNICATIONS:** CTAF 118.1 ATIS 118.6 661-399-9425 **UNICOM** 122.95**BAKERSFIELD RCO** 122.45 (RANCHO MURIETA RADIO)Ⓡ **BAKERSFIELD APP CON** 118.9 (North) 118.8 (South) (1400-0700Z†)Ⓡ **BAKERSFIELD DEP CON** 126.45 (North/South) (1400-0700Z†)Ⓡ **L.A. CENTER APP/DEP CON** 127.1 (0700-1400Z†)**BAKERSFIELD TOWER** 118.1 (1400-0700Z†) **GND CON** 121.7**AIRSPACE:** CLASS D svc 1400-0700Z†, other times CLASS E.**VOR TEST FACILITY (VOT)** 111.2**RADIO AIDS TO NAVIGATION:** NOTAM FILE BFL.**SHAFTER (H) VORTACW** 115.4 EHF Chan 101 N35°29.07' W119°05.84' 139° 3.6 NM to fld. 549/14E. **HIWAS.****ILS/DME** 111.9 I-BFL Chan 56 Rwy 30R. Class IE. Unmonitored when ATCT clsd. LOC unusable byd 25° left and r of course.

LOS ANGELES

H-4H, L-3D, 7B

IAP, AD



BANNING MUNI (BNG)(KBNG) 1 SE UTC-8(-7DT) N33°55.35' W116°51.06'
 2222 B TPA-3222(1000) NOTAM FILE RAL
RWY 08-26: H4955X100 (ASPH) S-12.5 MIRL 2.4% up W
RWY 26: PAPI(P2L)—GA 3.5°. Rgt ttc.

LOS ANGELES
L-4H

SERVICE: FUEL 100LL LGT ACTIVATE MIRL Rwy 08-26—CTAF.
AIRPORT REMARKS: Attended Tue-Fri 1700-2330Z. For arpt attendant call 951-922-3320. Fuel avbl with 24 hr self svc credit card. Fuel aprn not level and acft may not fill completely. No intersection tkfs to the west. Rwy 08-26 no straight-in ldg.

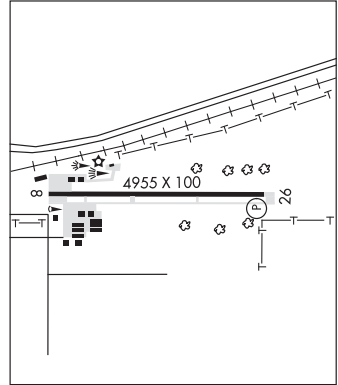
AIRPORT MANAGER: 951-922-3286
WEATHER DATA SOURCES: AWOS-3 134.625 (951) 922-4674.
COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE RAL.
PARADISE (H) VORTAC 112.2 PDZ Chan 59 N33°55.10'
 W117°31.80' 074° 33.9 NM to fld. 1432/15E.

TACAN AZIMUTH unusable:
 130°-145° byd 25 NM blo 5,000'
 145°-190° blo 8,000'
 190°-230° blo 10,000'
 310°-325° byd 35 NM blo 10,900'
 325°-345° byd 25 NM blo 11,500'
 345°-360° byd 35 NM blo 10,500'

VOR unusable:
 010°-015° byd 20 NM blo 10,000'
 130°-145° byd 25 NM blo 5,000'
 145°-190° blo 8,000'
 145°-190° byd 25 NM blo 10,000'
 145°-190° byd 39 NM blo 13,500'
 190°-230° blo 10,000'
 310°-325° byd 35 NM blo 10,900'
 325°-345° byd 25 NM blo 11,500'
 345°-360° byd 35 NM blo 10,500'

DME unusable:
 130°-145° byd 25 NM blo 5,000'
 145°-190° blo 8,000'
 190°-230° blo 10,000'
 310°-325° byd 35 NM blo 10,900'
 325°-345° byd 25 NM blo 11,500'
 345°-360° byd 35 NM blo 10,500'



BARD N32°46.09' W114°36.18' NOTAM FILE SAN.
(H) VORTAC 116.8 BZA Chan 115 130/14E.
 VORTAC unusable:
 280°-300° byd 27 NM blo 3,600'
RCO 122.1R 116.8T (SAN DIEGO RADIO)

PHOENIX
H-4J, L-5A

BARSTOW N34°50.93' W117°02.75'
RCO 122.3 (RIVERSIDE RADIO)

LOS ANGELES
L-7C

BARSTOW-DAGGETT (See DAGGETT on page 113)

BEALE AFB (BAB)(KBAB) AF 6 E UTC-8(-7DT) N39°08.17' W121°26.20' **SAN FRANCISCO**
 113 B TPA—See Remarks NOTAM FILE BAB Not insp. **H-3B, L-2G, 3A**
RWY 15-33: H12001X300 (CONC-GRVD) PCN 84 R/B/W/T HIRL **DIAP, AD**
RWY 15: ALSF1. PAPI(P4L)—GA 2.75° TCH 53'. RVR-T
RWY 33: ALSF1. PAPI(P4L)—GA 3.0° TCH 51'. RVR-T
SERVICE: S2 OX 2, 4 **MILITARY—JASU** (AM32A-60A) (A/M32A-86) 7(MC-1A) (MC-2A) **FUEL J8 FLUID** W SP LPOX LOX
OIL 0-128-133-148 **TRAN ALERT** Svc avbl 1500-0000Z± Mon-Fri exc Federal hol. Acft that arr after 2300Z± will not be
 svc til next duty day. Fleet svc avbl, 24 hr PN rqd.
MILITARY REMARKS: Opr 24 hrs from Mon 1400Z± thru Sat 0600Z± and/or by NOTAM, clsd wkends and hol. See FLIP AP/1
 Supplementary Arpt Remark. **RSTD** PPR 24 hr PN, etc Base OPS DSN 368-2002/9120, C530-634-2002/9120. Issued
 PPR valid 1 hr +/- ETA, early/late arr/dep must be re-coord. No unannounced acft practice apch. Inbound tran acft obtain
 apvl from command post DSN 368-5700 for acft practice apch prior to flight. Ltd park avbl. No tran acft practice apch
 Mon-Fri 1400-0200Z±, other times tran acft can exp lcl trng to receive priority. Tran acft with PPR number authorized
 single apch to full stop ldg. Ltd parking avbl. Twy M rstd to daytime VFR ops only. **CAUTION:** Beale AFB is lctd on a major
 migratory bird flyway. Use extreme caution for unmanned acft activity invof Beale AFB. Security fence and lgts lctd less
 than 200' fm Twy F cntrln. Rwy 300' wide marked at 150'. Full 300' width useable. **TFC PAT** TPA Rectangular pattern
 1100 (987), overhead pattern 2100 (1987). Fighter type acft fly rgt t/c Rwy 15. **CSTMS/AG/IMG** Ltd Cstms and AG avbl to
 mil acft only, 24 hr PN rqd. Ctc afld management at C530-634-2002 or DSN 368-2002. **MISC** Tran acft exp progressive
 taxi. No COMSEC material avbl. Tran aircrew should plan to arrive with appropriate COMSEC to complete entire msn.
AIRPORT MANAGER: 916-634-2217
COMMUNICATIONS: ATIS 124.55 273.5 (Opr during Wing ops) **PTD** 140.875 (for use only within 16.2 NM, 15,000' or blo)
 372.2
 (R) **NORCAL APP/DEP CON** 125.4 259.1
TOWER 119.4 284.75 (1400Z± Mon thru 0600Z± Sat and/or by NOTAM, clsd wkends and hol)
GND CON 121.6 257.75
WING COMMAND POST 321.0 311.0 (321.0 Inbd acft ctc Command Post 35 min prior ETA with intentions.)
PMSV METRO PMSV svc avbl only when Wx Flight on duty. Wx obsn avbl 24 hr via auto obsn sys, wx svc avbl 1 hr prior to
 afld opr hrs and during forcast severe wx DSN 368-9134, C530-634-9134. Dur Wx Flt closures remote briefing svc avbl
 from 25 Op Wx Squadron DSN 228-6598/6599/6588. When auto obsn sys inop, obst from 325°-060°, 080°-220°
 and 245°-280° may impact prevailing visibility. **SUPERVISOR OF FLYING** 139.6 240.225
AIRSPACE: **CLASS C** svc ctc **APP CON** svc 1400Z± Mon-0600Z± Fri and/or by NOTAM other times **CLASS G**.
RADIO AIDS TO NAVIGATION: NOTAM FILE BAB.
 (L) **TACAN** Chan 23 BAB (108.6) N39°08.09' W121°26.45' at fld. 90/16E.
 No NOTAM MP: 1200-1800Z± Thu and 1600-2300Z± Sat
TACAN AZIMUTH unusable:
 240°-255° byd 25 NM blo 4,500'
ILS 109.5 I-BAB Rwy 15. Class 1D. No NOTAM MP: 1200-1800Z± Tue and 1600-2300Z± Sun.
ILS 109.5 I-MIZ Rwy 33. Class 1E. No NOTAM MP: 1200-1800Z± Tue and 1600-2300Z± Sun.
COMM/NAV/WEATHER REMARKS: For Clnc Del when ATCT is clsd, ctc Norcal Apch at 916-361-6874.

BEAVER N32°52.79' W118°26.45' NOTAM FILE NSD. **LOS ANGELES**
 (H) **TACAN** 113.9 NSD Chan 86 305° 11.3 NM to San Clemente Island Nalf. 2000/14E. **H-4I, L-4G**
TACAN AZIMUTH unusable:
 240°-290°
 325°-020°
DME unusable:
 240°-290°
 325°-020°

BECCA N33°45.40' W118°04.64' NOTAM FILE LGB. **LOS ANGELES**
NDB (LOWW) 233 LG 301° 5.2 NM to Long Beach (Daugherty Fld). 8/14E. **COPTER**
L-3E, 4G, A

BECKWOURTH

NERVINO (002) 1 E UTC-8(-7DT) N39°49.11' W120°21.17'

SAN FRANCISCO

4900 B TPA—5900(1000) NOTAM FILE RNO

L-9A, 11A

RWY 08-26: H4651X75 (ASPH) S-12 MIRL

IAP

RWY 08: Road. Rgt tfc.

RWY 26: PAPI(P2L)—GA 3.5° TCH 50'. Fence.

SERVICE: S4 FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 08-26—CTAF.

AIRPORT REMARKS: Attended 1600-0300Z.

AIRPORT MANAGER: 530-283-6299

WEATHER DATA SOURCES: AWOS-2 119.35 (530) 832-6942.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **NORCAL APP/DEP CON** 126.3

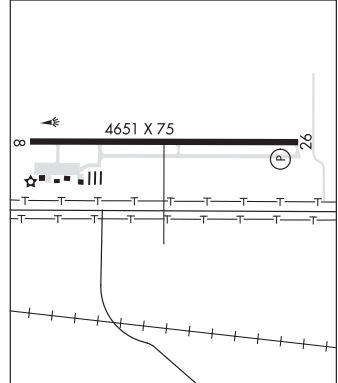
RADIO AIDS TO NAVIGATION: NOTAM FILE RNO.

MUSTANG (H) VORTACW 117.9 FMG Chan 126 N39°31.88' W119°39.36' 282° 36.6 NM to fld. 5950/16E.

VORTAC unusable:

200°-230° byd 30 NM blo 13,000'

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc Norcal Apch at 916-361-0596.



BENTON FLD (See REDDING on page 192)

BERMUDA DUNES (See PALM SPRINGS on page 179)

BIEBER

SOUTHARD FLD (055) 2 NE UTC-8(-7DT) N41°08.37' W121°07.44'

KLAMATH FALLS

4163 B NOTAM FILE RIU

L-11A

RWY 04-22: H2980X35 (ASPH) S-12.5 LIRL 0.7% up NE

RWY 04: Trees.

RWY 22: Thld dsplcd 385'. Road.

SERVICE: LGT ACTIVATE LIRL Rwy 04-22—CTAF.

AIRPORT REMARKS: Unattended. Rwy 04-22 thld lgts at both ends are 360° green.

AIRPORT MANAGER: 530-251-8299

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE RDD.

REDDING (T) VOR/DME 108.4 RDD Chan 21 N40°30.27' W122°17.50' 036° 65.4 NM to fld. 496/18E.

BIG BEAR CITY (L35) 0 W UTC-8(-7DT) N34°15.83' W116°51.36'

6752 B TPA-7952(1200) NOTAM FILE RAL

LOS ANGELES

H-4I, L-4H, 7C

IAP

RWY 08-26: H5850X75 (ASPH) S-12.5 MIRL**RWY 08:** PAPI(P2L)—GA 4.3° TCH 29'. Thld dsplcd 370'. Rgt tfc.**RWY 26:** PAPI(P2L)—GA 4.3° TCH 46'. Thld dsplcd 600'. Trees.**SERVICE:** S4 FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy

08-26—CTAF. PAPI Rwy 08 and PAPI Rwy 26 opr continuously.

AIRPORT REMARKS: Attended 1600-0100Z±. Jet A fuel avbl 1600-0000Z±, self svc after hrs. 100LL avbl 24 hr self svc. Mountains all quadrants, peak haz lgts SE, S, & NW. Extreme noise sensitive area, practice NS ABTMT procedures. NS ABTMT procedures, avoid overflying of high school 1 mile east at all times. On txf make 10° left turn at end of rwy to avoid housing to east and elementary school to west of arpt.**AIRPORT MANAGER:** 909-585-3219**WEATHER DATA SOURCES:** AWOS-3 135.925 (909) 585-4033.**COMMUNICATIONS:** CTAF/UNICOM 122.725

® L.A. CENTER APP/DEP CON 126.35

RADIO AIDS TO NAVIGATION: NOTAM FILE RAL.**PARADISE (H) VORTAC** 112.2 PDZ Chan 59 N33°55.10'

W117°31.80' 043° 39.4 NM to fld. 1432/15E.

TACAN AZIMUTH unusable:

130°-145° byd 25 NM blo 5,000'

145°-190° blo 8,000'

190°-230° blo 10,000'

310°-325° byd 35 NM blo 10,900'

325°-345° byd 25 NM blo 11,500'

345°-360° byd 35 NM blo 10,500'

VOR unusable:

010°-015° byd 20 NM blo 10,000'

130°-145° byd 25 NM blo 5,000'

145°-190° blo 8,000'

145°-190° byd 25 NM blo 10,000'

145°-190° byd 39 NM blo 13,500'

190°-230° blo 10,000'

310°-325° byd 35 NM blo 10,900'

325°-345° byd 25 NM blo 11,500'

345°-360° byd 35 NM blo 10,500'

DME unusable:

130°-145° byd 25 NM blo 5,000'

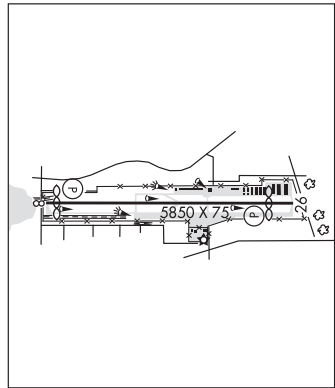
145°-190° blo 8,000'

190°-230° blo 10,000'

310°-325° byd 35 NM blo 10,900'

325°-345° byd 25 NM blo 11,500'

345°-360° byd 35 NM blo 10,500'

**BIG SUR** N36°10.88' W121°38.53' NOTAM FILE OAK.

(L) VORTACW 114.0 BSR Chan 87 104° 22.7 NM to Tusi AHP (Hunter Liggett). 4080/16E.

SAN FRANCISCO

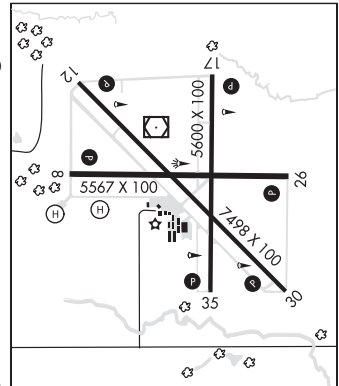
H-4H, L-3C

DME portion unusable:

320°-085° byd 35 NM blo 9,000'

BISHOP (BIH)(KBIH) 2 E UTC-8(-7DT) N37°22.39' W118°21.82'
 4124 B TPA-5124(1000) NOTAM FILE BIH
RWY 12-30: H7498X100 (ASPH-PFC) S-70, D-110, 2S-139, 2D-200,
 C5-685 PCN 50 F/B/W/T MIRL 0.3% up NW
RWY 12: REIL. PAPI(P4L)—GA 3.0° TCH 48'.
RWY 30: REIL. PAPI(P4L)—GA 3.52° TCH 52'. P-line.
RWY 17-35: H5600X100 (ASPH-PFC) S-100, D-140, 2S-175, 2D-240
 PCN 49 F/B/W/T MIRL
RWY 17: REIL. PAPI(P4L)—GA 3.5° TCH 50'.
RWY 35: REIL. PAPI(P4L)—GA 3.0° TCH 50'. Trees.
RWY 08-26: H5567X100 (ASPH) S-40, D-56, 2D-98 PCN 25 F/A/W/T
 MIRL 0.4% up W
RWY 08: PAPI(P2L)—GA 3.5° TCH 30'. Trees.
RWY 26: PAPI(P2L)—GA 3.0° TCH 25'.

SAN FRANCISCO
 H-3C, L-9A
 IAP



SERVICE: S4 FUEL 100LL, JET A QX2 LGT ACTIVATE PAPI Rwy 08, Rwy 26, Rwy 12, Rwy 30, Rwy 17 and Rwy 35, MIRL Rwy 08-26, Rwy 12-30 and Rwy 17-35 —CTAF. Rwy 08 PAPI unusable byd 5 NM. Rwy 26 PAPI unusable byd 2 NM. Rwy 30 PAPI unusable byd 4 NM. Rwy 17 PAPI unusable byd 5 NM. Rwy 35 PAPI unusable byd 5 NM.

AIRPORT REMARKS: Attended 1600-0100Z. Hang glider activity invof arpt. Fuel discounts for volume purchases. Due to high apch minimums pilots may need an IFR alternate even though weather is forecast to be higher than 2000'-3. No intersection departures, helicopter tfc apch arpt from the W boundary. Cold temperature rstd arpt. Altitude correction required at or blo -9C. Ramp fees for comm acft, may be offset with fuel purchase. Overnight tie-down fee, one night may be offset with min fuel purchase. No local taxi svc, dial-a-ride avbl, but ltd on Sun.

AIRPORT MANAGER: (760) 872-2971
WEATHER DATA SOURCES: ASOS 119.025 (760) 872-2658.
COMMUNICATIONS: CTAF/UNICOM 123.0
RCO 122.6 (RIVERSIDE RADIO)
OAKLAND CENTER APP/DEP CON 125.75

AIRSPACE: CLASS E
RADIO AIDS TO NAVIGATION: NOTAM FILE BIH.
 (T) VORW/DME 109.6 BIH Chan 33 N37°22.62' W118°21.99' at fld. 4117/15E.
 VOR/DME unusable:
 360°-105° byd 18 NM
 LDA/DME 109.1 I-BIH Chan 28 Rwy 17. LOC/DME unusable byd 14.5 NM blo 8,600'.

• • • • •
HELIPAD H1: H40X40 (ASPH)
HELIPAD H2: H100X100 (ASPH)

BISHOP N37°22.62' W118°21.99' NOTAM FILE BIH.
 (T) VORW/DME 109.6 BIH Chan 33 at Bishop. 4117/15E.
 VOR/DME unusable:
 360°-105° byd 18 NM
RCO 122.6 (RIVERSIDE RADIO)

SAN FRANCISCO
 H-3B, L-9A

BLACK METAL PEAK N34°18.55' W114°09.92'
RCO 122.550 (PRESCOTT RADIO)

PHOENIX
 L-5A

BLUE CANYON – NYACK (See EMIGRANT GAP on page 121)

BLYTHE (BLH)(KBLH) 6 W UTC-8(-7DT) N33°37.15' W114°43.01'

400 B TPA-1200(800) NOTAM FILE BLH

RWY 08-26: H6543X150 (ASPH) S-80, D-115, 2S-175, 2D-210

MIRL

RWY 26: VASI(V4L)—GA 3.0° TCH 42'.

RWY 17-35: H5800X100 (ASPH) S-52, D-76, 2S-100, 2D-135 MIRL

RWY 17: VASI(V4L)—GA 3.0° TCH 40'.

RWY 35: VASI(V4L)—GA 3.0° TCH 40'.

SERVICE: FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 17-35 and Rwy 08-26 and VASI Rwy 17, Rwy 35, and Rwy 26—CTAF.

AIRPORT REMARKS: Attended Apr-Oct 1500-0000Z†, Nov-Mar

1600-0100Z†. Parachute training high and low levels all hrs northeast quad of airport. Acft over 12,500 pounds avoid housing area 1.5 NM SW below 2000'. Final apch Rwy 35 be established 2 NM from touchdown. Departure from Rwy 17 make climbing left turn soon as safety permits. Use wide tfc pattern for Rwy 26 and Rwy 35. Power plant 1 mile east of arpt producing thermal plumes; avoid low altitude direct overflight of the power plant.

AIRPORT MANAGER: (951) 955-9418

WEATHER DATA SOURCES: ASOS 120.175 (760) 922-3000. HIWAS 117.4 BLH.

COMMUNICATIONS: CTAF/UNICOM 122.8

RCO 122.4 (RIVERSIDE RADIO)

L.A. CENTER APP/DEP CON 128.15

AIRSPACE: CLASS E

RADIO AIDS TO NAVIGATION: NOTAM FILE BLH.

(H) VORTACW 117.4 BLH Chan 121 N33°35.76' W114°45.68' 044° 2.6 NM to fld. 410/14E. HIWAS.

VOR portion unusable:

280°-295° byd 30 NM blo 7,000'

295°-325° byd 15 NM blo 12,000'

325°-018° byd 30 NM blo 7,000'

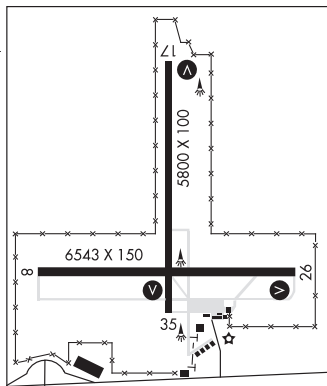
TACAN AZIMUTH unusable:

060°-085° byd 21 NM blo 8,000'

TACAN AZIMUTH & DME unusable:

280°-335° byd 15 NM blo 14,000'

335°-018° byd 15 NM blo 8,000'



BOB HOPE (See BURBANK on page 97)

BOB MAXWELL MEM AIRFIELD (See OCEANSIDE on page 175)

BOONVILLE (D83) 1 NW UTC-8(-7DT) N39°00.84' W123°22.89'

SAN FRANCISCO

379 TPA-1179(800) NOTAM FILE OAK

RWY 13-31: H2838X50 (ASPH) S-30 0.9% up SE

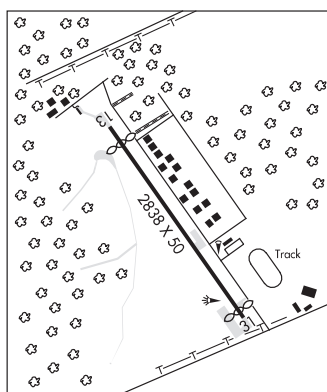
RWY 13: Thld dspclcd 253'. Trees.

RWY 31: Thld dspclcd 95'. Hill. Rgt tfc.

AIRPORT REMARKS: Unattended. Ditch SW side of Rwy 13-31. Back taxi on rwy, do not mistake county road for twy. Pavement gross weight strength estimated by arpt manager 12,500 pounds.

AIRPORT MANAGER: 707-895-2949

COMMUNICATIONS: CTAF/UNICOM 122.7



BORREGO SPRINGS

BORREGO VALLEY (LØ8) 3 E UTC-8(-7DT) N33°15.54' W116°19.26'

LOS ANGELES

520 B TPA—1520(1000) NOTAM FILE SAN

H-4I, L-4I

RWY 08-26: H5011X75 (ASPH) S-30, D-54, 2D-90 MIRL

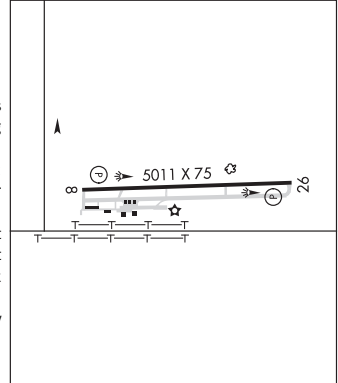
IAP

RWY 08: PAPI(P2L)—GA 3.0° TCH 28'. Rgt tfc.

RWY 26: PAPI(P2L)—GA 3.0° TCH 28'.

SERVICE: FUEL 100LL LGT ACTIVATE MIRL Rwy 08-26, twy lghts—CTAF (5 clicks on).

AIRPORT REMARKS: Attended 1600-0000Z†. Coyotes and mirgratory birds ocnlly on or invof arpt. Fuel self svc 24 hr. Be aware of frequent changes in wind direction, strong up/down drafts and turbulence possible during high wind conditions. Noise sensitive area N-NW. Do not overfly elementary school 1 NM west of arpt. Aerobatic box north side of arpt dur dalgt hrs from sfc to 5000' MSL, check NOTAMs for act. 140' twr 1600' north of Rwy 08. Rwy 08 has 400' blast pad byd end of rwy. During hot wx heavy acft parking restricted conc pads on outer transeint ramp. All acft tfc pat to south. Transient tie-down ramp restricted to acft with wingspan 40 ft or less. Acft with greater than 40 ft wingspan park on portion of transien ramp east of A6. Hovers, skid landings, auto-rotations prohibited. PPR for all mil acft, ctc arpt manager. Military rotorcraft ops restricted to remain on or over pavement area, TGL restricted to rwy.



AIRPORT MANAGER: 760-767-7415

WEATHER DATA SOURCES: AWOS-3 126.575 (760) 767-3308.

COMMUNICATIONS: CTAF/UNICOM 122.8

L.A. CENTER APP/DEP CON 128.6

RADIO AIDS TO NAVIGATION: NOTAM FILE SAN.

JULIAN (L) VORTAC 114.0 JLI Chan 87 N33°08.43' W116°35.16' 047° 15.1 NM to fld. 5560/15E. **HIWAS.**

COMM/NAV/WEATHER REMARKS: UNICOM staffed 1600-0000Z†. Acft must self-announce on CTAF prior to ldg or tkof.

BORREGO VALLEY (See BORREGO SPRINGS on page 95)

BRACKETT FLD (See LA VERNE on page 146)

BRAWLEY MUNI (BWC)(KBWC) 1 NE UTC-8(-7DT) N32°59.58' W115°31.04'

LOS ANGELES

-128 B TPA—See Remarks NOTAM FILE SAN

L-4I

RWY 08-26: H4166X60 (ASPH) S-20 MIRL

IAP

RWY 08: VASI(V2L)—GA 3.2° TCH 25'. Thld dsplcd 394'. Railroad.

RWY 26: VASI(V2L)—GA 3.0° TCH 24'. Thld dsplcd 159'. Rgt tfc.

SERVICE: S4 FUEL 100LL, JET A+ LGT ACTIVATE MIRL Rwy 08-26 and twy lights—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1600-0000Z†. For fuel use cardlock-continuous. After hrs on call 760-791-3743.

TPA—672(800) conventional acft; 1072(1200) jet acft.

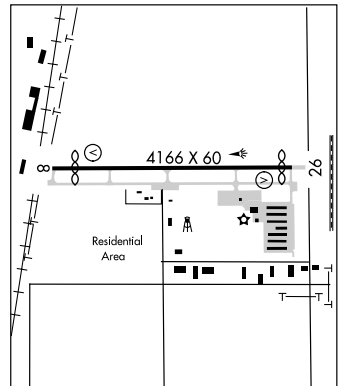
AIRPORT MANAGER: 760-344-5800 X18

COMMUNICATIONS: CTAF 122.9

L.A. CENTER APP/DEP CON 128.6

RADIO AIDS TO NAVIGATION: NOTAM FILE IPL.

IMPERIAL (H) VORTAC 115.9 IPL Chan 106 N32°44.93' W115°30.51' 344° 14.6 NM to fld. -18/14E.

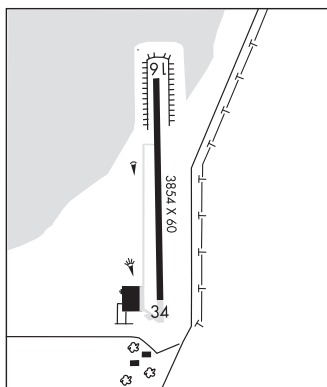


BRIDGEPORT**BRYANT FLD** (057) 0 NE UTC-8(-7DT) N38°15.88' W119°13.36'

SAN FRANCISCO

6472 B TPA-7172(700) NOTAM FILE RAL

L-9A

RWY 16-34: H3854X60 (ASPH) S-30 MIRL**RWY 16:** Rgt tfc.**RWY 34:** Road.**SERVICE:** FUEL 100 LGT ACTIVATE MIRL Rwy 16-34-122.8.**AIRPORT REMARKS:** Unattended. Fuel self service. Rotating bcn located 1/4 mile E of the arpt on top of hill. Birds tend to congregate at N end of rwy. Arpt located in mountainous terrain. Hillside located 1644 ft east of AER 34 and 1815 ft east of AER 16. Vehicles on hwy parallel to rwy 180 ft east of AER 16 to midfield.**AIRPORT MANAGER:** 760-932-5457**COMMUNICATIONS:** CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE RNO.**MINA (H) VORTAC** 115.1 MVA Chan 98 N38°33.92'
W118°01.97' 236° 58.9 NM to fld. 7860/17E. **HIWAS.****VOR/DME & TACAN AZIMUTH unusable:**
130°-160° byd 28 NM blo 10,700'**BROWN FLD MUNI** (See SAN DIEGO on page 206)**BRYANT FLD** (See BRIDGEPORT on page 96)**BUCHANAN FLD** (See CONCORD on page 110)

BURBANK

BOB HOPE (BUR)(KBUR) 3 NW UTC-8(-7DT) N34°12.04' W118°21.52'

LOS ANGELES

778 B LRA Class I, ARFF Index C NOTAM FILE BUR

COPTER

RWY 15-33: H6886X150 (ASPH-GRVD) S-30, D-180, 2S-175,

H-4I, L-3E, 4G, 7B, A

2D-300 PCN 42 F/A/X/T MIRL 1.2% up NW

IAP, AD

RWY 15: REIL. VASI(V4L)—GA 3.25° TCH 52'. Thld dsplcd 909'. Railroad. Rgt tfc.

RWY 33: REIL. PAPI(P4L)—GA 3.2° TCH 62'. Thld dsplcd 350'. Pole.

RWY 08-26: H5802X150 (ASPH-GRVD) S-30, D-180, 2S-175,

2D-300 PCN 46 F/A/X/T HIRL 0.5% up W

RWY 08: MALSR. PAPI(P4L)—GA 3.0° TCH 72'. RVR-T Road. Rgt tfc.

RWY 26: REIL. RVR-R Pole.

LAND AND HOLD—SHORT OPERATIONS

| LDG RWY | HOLD—SHORT POINT | AVBL LDG DIST |
|---------|------------------|---------------|
| RWY 15 | 08-26 | 4250 |

RUNWAY DECLARED DISTANCE INFORMATION

| |
|---|
| RWY 08: TORA-5801 TODA-5801 ASDA-5801 LDA-5801 |
| RWY 15: TORA-6885 TODA-6885 ASDA-6885 LDA-5976 |
| RWY 26: TORA-5801 TODA-5801 ASDA-5801 LDA-5801 |
| RWY 33: TORA-6885 TODA-6885 ASDA-6885 LDA-6535 |

ARRESTING GEAR/SYSTEM

RWY 08: EMAS

SERVICE: S4 FUEL 100LL, JET A, MOGAS OX 1, 3

AIRPORT REMARKS: Attended continuously. Rwy 08 CLOSED tkf multiengine

12,500 lbs or greater. Rwy 26 CLOSED to tkof/Jet acft with four or more engines. X bleed starts prohibited in all non-movement areas including the airline trml ramp. ATC may approve X bleed starts on Twy A north of Twy D, all other req must be coordd and apvd by ops. Hang glider act between 5 and 10 NM north of arpt 6000' AGL SR-SS. Bird act north end Rwy 15-33 and west end Rwy 08-26. Acft in tfc pat (1225' AGL) at Whiteman Airpark 5 miles NW. Turbulent conditions near arpt at times of high winds from north and east. Downdrafts/wind shear may occur at liftoff or final. Helicopter arr rstd to Rwy 08-26 and Rwy 15-33. Power engine runups at Twy Alpha hold area prohibited. Rwy 15 VASI unusable byd 5° of centerline. Rwy 33 PAPI unusable byd 2° right of centerline. 8' blast fence 260' from departure end of Rwy 26. 14' blast fence 256' from departure end of Rwy 08. 14' blast fence 35' from departure end of Rwy 15. 14' blast fence 93' from departure end of Rwy 33. Acft with wingspan greater than 95' rqr taxi instructions from ATC for a Rwy 33 dep. Acft restricted from taxiing southbound past Gate B1 on terminal ramp. Acft with wingspan greater than 79' restricted from using Twy C west of Twy C8. Twy A rstd to acft with wingspan of 171' or less. Twy G rstd to acft with wingspan of 95' or less. Twy B rstd to acft with wingspan of 79' or less beginning 300' north of Twy D and continuing north. Nstd blue twy centerline along the west end of Twy Delta used to bypass the ILS critical area when directed by twr. Acft will use easy power when leaving assigned gate. Ctc must be used when taxiing from terminal area due to close proximity to the terminal. Personal and ground equipment in area. No general aviation acft parking at terminal ramp. Restrictions and fines effective 0600-1500Z† for stage 2 jets, certain props, run-ups and flt training activities, call 818-840-8840 before opr. Pilots should call ahead for arpt noise rules 818-840-8840.

AIRPORT MANAGER: 818-840-9536

WEATHER DATA SOURCES: ASOS (818) 841-1384 LAWRS.

COMMUNICATIONS: D-ATIS 134.5 135.125 (Arr via FIM/PMD VORTAC only) 818-843-6633 UNICOM 122.95

BURBANK RCO 122.35 (HAWTHORNE RADIO)

Ⓡ **SOCAL APP/DEP CON** 135.05 (BUR 050°-150°), 134.2 (VNY 160°-280°), 124.6 (S between BUR 150°-VNY 160°),

120.4 (VNY 280°-BUR 050°)BURBANK TOWER 118.7 132.325 (Helicopters) GND CON 123.9 CLNC DEL 118.0

CPDLC (LOGON KUSA)

AIRSPACE: CLASS C svc ctc APP CON

RADIO AIDS TO NAVIGATION: NOTAM FILE VNY.

VAN NUYS (L) VORW/DME 113.1 VNY Chan 78 N34°13.41' W118°29.50' 087° 6.8 NM to fld. 812/15E.

VOR/DME unusable:

010°-030° byd 20 NM blo 6,700'

030°-050° byd 25 NM blo 8,600'

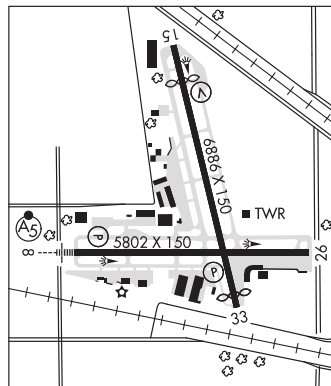
330°-350° byd 25 NM blo 5,500'

350°-010° byd 15 NM blo 6,100'

DME unusable:

094°-096° byd 35 NM blo 5,000'

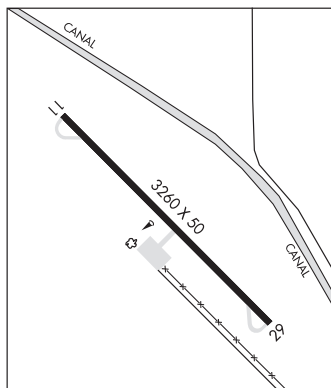
ILS 109.5 I-BUR Rwy 08. Class IA. LOC unusable inside 0.5 NM to thld; byd 30° right of course.



BUTTE VALLEY (See DORRIS on page 116)

BUTTONWILLOW**ELK HILLS—BUTTONWILLOW** (L62) 3 S UTC-8(-7DT) N35°21.21' W119°28.78'LOS ANGELES
L-3B, 7B

326 TPA—1126(800) NOTAM FILE RIU

RWY 11-29: H3260X50 (ASPH) S-10**RWY 11:** Rgt t/c.**AIRPORT REMARKS:** Unattended. Arpt CLOSED to night ops. Radio controlled model acft below 800' AGL invof arpt. Crop dusting ops prohibited except by PPR arpt manager 661-391-1800.**AIRPORT MANAGER:** (661) 391-1824**COMMUNICATIONS:** CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE BFL.**SHAFTER (H) VORTACW** 115.4 EHF Chan 101 N35°29.07'
W119°05.84' 233° 20.3 NM to fld. 549/14E. **HIWAS.****BYRON** (C83) 2 S UTC-8(-7DT) N37°49.71' W121°37.55'SAN FRANCISCO
L-2F, 3B
IAP

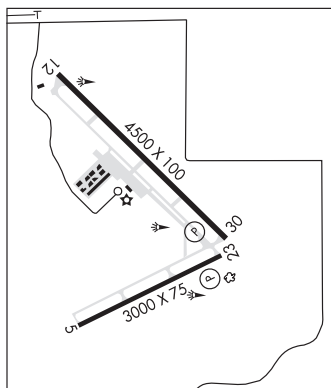
79 B NOTAM FILE OAK

RWY 12-30: H4500X100 (ASPH) S-29.5 MIRL 0.4% up NW**RWY 12:** Pole.**RWY 30:** REIL. PAPI(P2L)—GA 3.5° TCH 31'. Hill. Rgt t/c.**RWY 05-23:** H3000X75 (ASPH) S-29.5 MIRL 1.0% up SW**RWY 05:** Rgt t/c.**RWY 23:** PAPI(P2L)—GA 3.5° TCH 53'.**SERVICE:** FUEL 100LL LGT ACTIVATE MIRL Rwy 12-30 and Rwy 05-23 and REIL Rwy 30—CTAF.**AIRPORT REMARKS:** Attended 1500-2200Z±. Fuel avbl 24 hrs by credit card. Parachute Jumping. Ultralight and sailplane act on and invof arpt. Rising terrain with numerous windmills on ridges west of arpt. 100' twr 5100' from Rwy 23. 200' twr 5600' from Rwy 05. Hangar apron and tiedown apron 12,500 lbs maximum. Power plant 2.7 miles SE of arpt producing thermal plumes, avoid overflt blo 1,500' AGL. Rwy 30 calm wind rwy.**AIRPORT MANAGER:** 844-359-8687**WEATHER DATA SOURCES:** AWOS-3 123.775 (925) 634-0906.**COMMUNICATIONS:** CTAF/UNICOM 123.05

® NORCAL APP/DEP CON 123.85

RADIO AIDS TO NAVIGATION: NOTAM FILE MOD.**MODESTO (H) VOR/DME** 114.6 MOD Chan 93 N37°37.64' W120°57.47' 274° 34.0 NM to fld. 93/17E.

aerobatic acft wi an area defined as .5 NM rds of MOD 032028 (7.5 NM SW 022), blo 4800', avoidance advised dly SR-SS

COMM/NAV/WEATHER REMARKS: For clnc del ctc Norcal apch at 916-361-0516.**CABLE** (See UPLAND on page 237)**CALAVERAS CO—MAURY RASMUSSEN FLD** (See SAN ANDREAS on page 203)

CALEXICO INTL (CXL)(KCXL) 1 W UTC-8(-7DT) N32°40.05' W115°31.06'

LOS ANGELES

6 B TPA—See Remarks AOE NOTAM FILE SAN

L-4I

RWY 08-26: H4683X75 (ASPH) S-30 MIRL

RWY 08: REIL. PAPI(P4L)—GA 3.0° TCH 33'. P-line.

RWY 26: REIL. PAPI(P4L)—GA 3.4° TCH 39'. Thld dspcd 160'. Rgt tfc.

SERVICE: FUEL 100LL, JET A, A+

AIRPORT REMARKS: Attended 1600-0100Z†. Rwy 08-26 ground drop-off on east end of rwy and north of east acft parking area. TPA—806(800) conventional acft, 1206(1200) jet acft. Flight Notification Service (ADCUS) available. NOTE: See Special Notices—U.S. Special Customs Requirement.

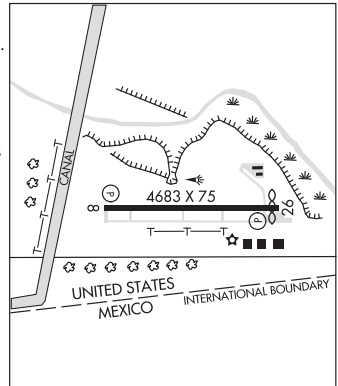
AIRPORT MANAGER: (760) 768-2160

COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE IPL.

IMPERIAL (H) VORTAC 115.9 IPL Chan 106 N32°44.93' W115°30.51' 171° 4.9 NM to fld. -18/14E.

COMM/NAV/WEATHER REMARKS: UNICOM unmonitored 1600-0100Z†.



CALIFORNIA CITY MUNI (L71) 2 NW UTC-8(-7DT) N35°09.08' W118°01.00'

LOS ANGELES

2454 B TPA—3454(1000) NOTAM FILE RAL

H-4I, L-7C

RWY 06-24: H6027X60 (ASPH) S-26 MIRL 0.9% up SW

IAP

RWY 24: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Rgt tfc.

SERVICE: S2 FUEL 80, 100LL, JET A OX 4 LGT ACTIVATE REIL Rwy 24, MIRL Rwy 06-24—CTAF. PAPI Rwy 24 opr continuously.

AIRPORT REMARKS: Attended 1600-0100Z†. Parachute Jumping. Rwy 06-24 PAEW adjacent rwy 1500-2300Z†.

AIRPORT MANAGER: (760) 559-3628

WEATHER DATA SOURCES: AWOS-1 120.875 (760) 373-7670.

COMMUNICATIONS: CTAF/UNICOM 122.7

® JOSHUA APP/DEP CON 133.65

RADIO AIDS TO NAVIGATION: NOTAM FILE EDW.

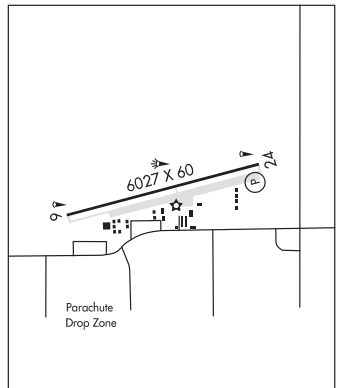
EDWARDS (T) VORTAC 116.4 EDW Chan 111 N34°58.94' W117°43.96' 291° 17.3 NM to fld. 2378/15E.

TACAN AZIMUTH unusable:

095°-115° byd 15 NM blo 2,600'

DME unusable:

095°-115° byd 15 NM blo 2,600'



CALIFORNIA PINES (See ALTURAS on page 83)

CALIFORNIA REDWOOD COAST—HUMBOLDT CO (See ARCATA/EUREKA on page 85)

CALIPATRIA

CLIFF HATFIELD MEM (CLR)(KCLR) 1 NW UTC-8(-7DT) N33°07.88' W115°31.28'

LOS ANGELES

-182 TPA-618(800) NOTAM FILE SAN

L-41

RWY 08-26: H3423X50 (ASPH) S-12

IAP

RWY 08: Thld dsplcd 120'. Road.

RWY 26: Thld dsplcd 229'. Road. Rgt tfc.

AIRPORT REMARKS: Unattended. Lgtd flagpole 800' SE of arprt, pole on S side of Rwy 08-26 at E end. Ultralight activity on and invof arprt. Parallel taxiway clsd indefinitely.

AIRPORT MANAGER: 760-348-4144

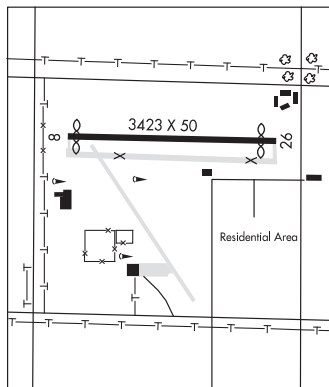
COMMUNICATIONS: CTAF 122.9

Ⓡ **L.A. CENTER APP/DEP CON** 128.6

RADIO AIDS TO NAVIGATION: NOTAM FILE IPL.

IMPERIAL (H) VORTAC 115.9 IPL Chan 106 N32°44.93'

W115°30.51' 344° 22.9 NM to fld. -18/14E.



CAMARILLO (CMA)(KCMA) 3 W UTC-8(-7DT) N34°12.83' W119°05.66'

LOS ANGELES

77 B TPA-See Remarks NOTAM FILE CMA

COPTER

RWY 08-26: H6013X150 (ASPH-CONC-RFSC) S-50, D-80, 2S-102, 2D-125 MIRL

H-4H, L-3E, 4G, 7B

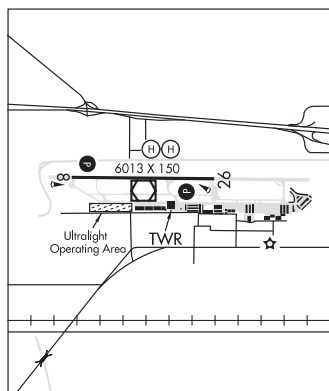
RWY 08: REIL. PAPI(P4L)-GA 3.0° TCH 48'. Rgt tfc.

IAP, AD

RWY 26: REIL. PAPI(P4L)-GA 3.0° TCH 48'.

SERVICE: S4 FUEL 100LL, JET A OX 2 LGT When twr clsd ACTIVATE MIRL Rwy 08-26, REIL Rwy 08 and Rwy 26 and PAPI Rwy 08 and Rwy 26-CTAF.

AIRPORT REMARKS: Attended 1500-0700Z†. Fuel avbl 24 hrs self serve. Parachute Jumping. Wildlife on and invof arprt. TPA-877(800) single engine, 1077(1000) multiengine and jets. Be alert to high performance military acft ops invof arprt. Mountain 1173' MSL, beginning 5 miles from east end Rwy 26. Mountain 1814' MSL 5 miles to east-southeast of AER 26. No formation tkfs or ldg. No tkfs btn 0800-1300Z† (without prior permission). Helicopter training pads to the north of Twy B and Rwy 08-26. NSTD object free area east end of Twy F, impaired wing clnc, for acft with wingspan of 56' to 80'. Upon arrival ctc FBO or arprt ops 805-388-4202 for assistance. Landing fee for acft over 12,500 lbs. Noise sensitive all quadrants practice noise abatement/fly quiet/procedures. Ultralight activity southwest quadrant of arprt. No ldg, taxiing or tkfs on cheveroned area east of Rwy 26 thld.



AIRPORT MANAGER: 805-388-4246

WEATHER DATA SOURCES: ASOS (805) 384-9294

COMMUNICATIONS: CTAF 128.2 ATIS 126.025 805-484-3351 UNICOM 122.95

POINT MUGU APP/DEP CON 124.7 (1500-0700Z†)

L.A. CENTER APP/DEP CON 135.5 (0700-1500Z†)

TOWER 128.2 (1500-0500Z†) **GND CON** 121.8 **CLNC DEL** 121.8

POINT MUGU CLNC DEL 120.75 (0500-0700Z†)

AIRSPACE: CLASS D svc 1500-0500Z† other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE CMA.

(L) **VORW/DME** 115.8 CMA Chan 105 N34°12.75' W119°05.66' at fld. 63/15E.

VOR/DME unusable:

046°-245° byd 20 NM blo 14,000'

276°-300° byd 20 NM blo 14,000'

301°-045°

COMM/NAV/WEATHER REMARKS: For after hrs IFR clnc del ctc Los Angeles ARTCC 661-575-2052.

CAMERON PARK (O61) 0 N UTC-8(-7DT) N38°41.04' W120°59.25'

SAN FRANCISCO

1287 TPA—2301(1014) NOTAM FILE RIU

L-26, 3A

RWY 13-31: H4051X50 (ASPH) MIRL 0.5% up NW

RWY 13: Thld dsplcd 193'. Tree.

RWY 31: PVASI(P5IL)—GA 6.0° TCH 18'. Thld dsplcd 1509'. Tree.

SERVICE: S4 **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 13-31—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1600-0100Z†. Fuel avbl continuously by credit card. Migratory geese invof arpt. 1597' hill unlgtd .5 NM southeast of arpt. For noise abatement procedures call arpt manager 530-676-8316. Rwy 13-31 restricted to use by acft with less than a maximum certificated gross weight of 12,500 pounds and wingspan less than 50'. Helicopter parking not authorized. Rwy 13-31 west side 60' gates in perimeter fencing to provide access to residential area for residents and invited guests.

AIRPORT MANAGER: 530-676-8316

COMMUNICATIONS: CTAF/UNICOM 123.05

RADIO AIDS TO NAVIGATION: NOTAM FILE RIU.

HANGTOWN (L) VOR/DME 115.5 HNW Chan 102 N38°43.48'

W120°44.96' 241° 11.5 NM to fld. 2583/17E.

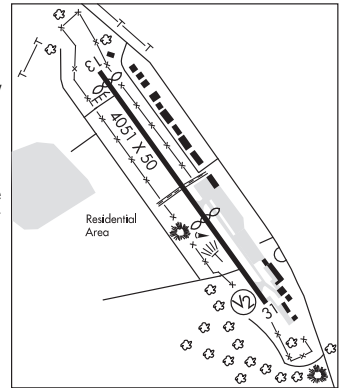
VOR unusable:

200°-260° byd 15 NM blo 9,500'

320°-350° byd 10 NM blo 6,000'

320°-350° byd 25 NM blo 14,500'

COMM/NAV/WEATHER REMARKS: For clnc del cte Norcal apch at 916-361-6874.



CAMP PENDLETON MCAS (MUNN FLD) (NFG)(KNFG) MC 6 N UTC-8(-7DT) N33°18.08'

LOS ANGELES

W117°21.31'

H-41, L-4H

78 B TPA—See Remarks NOTAM FILE NFG Not insp.

DIAP, AD

RWY 03-21: H6005X221 (ASPH) PCN 80 F/C/W/T HIRL

RWY 03: PAPI(P4R)—GA 4.0° TCH 68'.

RWY 21: SALS F. PAPI(P4L)—GA 3.5° TCH 52'. Rgt ttc.

SERVICE: **LGT** PCL on twr 128.775 and 340.2. When twr clsd, ACTIVATE SALS F Rwy 21, PAPI Rwy 03 and Rwy 21, HIRL Rwy 03-21 on 128.775. **MILITARY—** JASU NC-8/NC-10 prior arng rqr with MCAS OPS DSN 361-7775, 365-8016. **FUEL** J5 **TRAN ALERT** No AMC fleet svc avbl. ALCE team rqr for all AMC flt. Ltd tran svc, no tie-down, oil/laboratory analysis or tran maint svc avbl. No shuttle svc avbl. All VIP acft ctc airfield OPS on PTD 15 min prior to arr. Tran crews responsible for cold refuel of their own acft.

MILITARY REMARKS: Opr Mon-Thu 1600-0800Z†, Fri 1600-0100Z†, CLOSED Sat, Sun and hol . See FLIP AP/1

Supplementary Arpt Remarks. **RSTD** PPR 24 hr PN exc for hot refueling or pattern work, AG and cstm svc are avbl upon req with 48 hrs ntc. MCAS flight clnc DSN 365-8016/8026 C760-725-8016/8026 OPS, Mon-Fri 1600-0100Z†. Ltd ramp space, acft PPR strictly enforced for all pax, parts, cargo and tran acft. Heavy Fixed Wing acft (C5, C141, C17) ctc MCAS OPS concerning weight bearing capacity. Heavy acft, full stop ldg only. For use of MCB Range Facilities (LZ/DZ/CAL Site/vertical and short tkf and ldg acft, etc.) ctc MCB Range CON schedule DSN 365-4219/3510, C760-725-4219/3510. Helipads P1, P2, P3, P4 dimensions 137X137. E2 and F2 dimensions 133X133. Lcl-based and non-tenant acft are authorized to conduct one clsd fld full stop arrival and/or one clsd fld departure. **CAUTION** Numerous hazards to flt/gnd opr. Extv VFR ttc in Class D airspace. High density ttc in Class D airspace 1900-2300Z†. Tenant acft have priority for lcl pattern opr. See FLIP AP/1 Supplementary arpt info. **TFC PAT** TPA—Fixed Wing 1100(1022), Rotary/Wing 600(522), rising terrain all quadrants to 3200'. All acft use ldg lgt in ttc pattern after SS and in IMC. **NS ABTMT** Avoid overflr MCB Ranch House lctd 2000' NE AER 21. **MISC** Wx forecast avbl 2 hr PN.

COMMUNICATIONS: ATIS 285.45 (Mon and Fri 1600-0100Z†, Tue-Thu 1600-0800Z† clsd Sat, Sun and holidays.)

Ⓡ **SOCAL APP/DEP CON** 127.3 323.0

TOWER 128.775 271.6 340.2 (Mon-Thurs 1600-0800Z†, Fri 1600-0100Z†, clsd Sat, Sun and hol)

GND CON 134.675 360.2 **CLNC DEL** 134.675 271.6 (For clnc del when twr clsd call Socal apch 800-448-3724)

BASE OPS 279.3 **MCB RANGE CON** (LONG RIFLE) 123.2 310.3

AIRSPACE: CLASS D svc 1600-0800Z† Mon-Thu, 1600-0100Z† f, clsd Sat, Sun & holidays other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE CRQ.

OCEANSIDE (H) VORTAC 115.3 OCN Chan 100 N33°14.44' W117°25.06' 026° 4.8 NM to fld. 52/15E.

VOR portion unusable:

227°-265° byd 20 NM

(T) **TACAN** Chan 55 NFG (111.8) N33°16.48' W117°23.18' 032° 2.2 NM to fld. 502/13E. NOTAM FILE

NFG. TACAN unmonitored when arpt clsd.

No NOTAM MP 2100-0100Z† Fri

ASR/PAR (Mon-Thurs 1600-0800Z†, Fri 1600-0100Z†, clsd Sat, Sun and holidays.)

COMM/NAV/WEATHER REMARKS: Radar See Terminal FLIP for Radar Minima.

CARLSBAD

MC CLELLAN-PALOMAR (CRQ)(KCRQ) 3 SE UTC-8(-7DT) N33°07.70' W117°16.81'

LOS ANGELES

331 B TPA—See Remarks Class I, ARFF Index B NOTAM FILE CRQ

L-4H

RWY 06-24: H4897X150 (ASPH-GRVD) S-60, D-80, 2S-102, 2D-110

IAP, AD

PCN 33 F/D/X/T HIRL

RWY 06: PAPI(P4L)—GA 3.0° TCH 35'. RVR-R Thld dsplcd 297'.

RWY 24: MALS. REIL. PAPI(P4L)—GA 3.2° TCH 54'. RVR-T Rgt tfc.

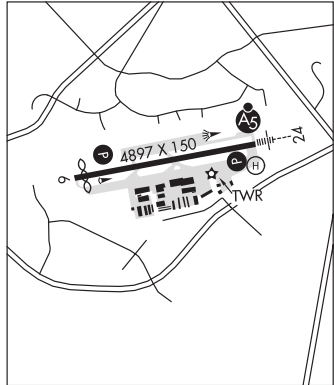
RUNWAY DECLARED DISTANCE INFORMATION

RWY 06: TORA-4897 TODA-4897 ASDA-4897 LDA-4600

RWY 24: TORA-4897 TODA-4897 ASDA-4897 LDA-4897

SERVICE: S4 FUEL 100LL, JET A OX 3, 4 LGT When twr clsd ACTIVATE HIRL Rwy 06-24, PAPI Rwy 06 and Rwy 24, REIL Rwy 24, MALS Rwy 24—CTAF.

AIRPORT REMARKS: Attended 1500-0600Z. Rwy 24 hard to see 2 hrs prior to SS; do not mistake Twy A as the rwy. Extensive bird activity in vicinity especially in spring. P-lines 2 miles W & SW. CLOSED to air carrier ops with more than 9 passenger seats from 0630Z to 1400Z except by PPR call arpt manager 760-431-4646. PPR for all military acft call arpt manager 760-431-4646. TPA-1003(672) helicopters, 1503(1172) small acft, 2003(1672) large acft. Rwy 06-24 south VFR tfc pattern clsd 0600-1500Z. No jet acft training due to noise abatement and traffic congestion. Multiple apchs by large acft (including large helicopters) not authorized. All acft multiple practice apch and lds discourage 0600-1500Z. Voluntary curfew, jets 0600-1500Z, props 0800-1400Z, emerg, lifeguard and law enforcement excepted. Rwy 24 is calm wind rwy. Arpt has noise abatement procedures ctc arpt manager 760-431-4646. Request jets fly the ILS apch. North side ramp limited to 12,500 lbs. Tran parking limited to small single and twin engine acft with wingspans under 40 ft. Limited transient tie down space on public ramp. U.S. Customs User Fee Arpt, ctc 877-848-7766. Ldg fee.



AIRPORT MANAGER: 760-966-3272

WEATHER DATA SOURCES: ASOS (760) 930-0864 LAWRS.

COMMUNICATIONS: CTAF 118.6 ATIS 120.15 (760-438-2117)

OCEANSIDE RCO 115.3T 122.1R (SAN DIEGO RADIO)

Ⓡ SOCIAL APP/DEP CON 127.3

TOWER 118.6 (1500-0600Z) GND CON 121.8

CLNC DEL 134.85 For clnc del when ATCT clsd call SOCIAL APP (800) 448-3724.

AIRSPACE: CLASS D svc 1500-0600Z other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE CRQ.

OCEANSIDE (H) VORTAC 115.3 OCN Chan 100 N33°14.44' W117°25.06' 119° 9.7 NM to fld. 52/15E.

VOR portion unusable:

227°-265° byd 20 NM

ILS/DME 108.7 I-CRQ Chan 24 Rwy 24. Unmonitored when ATCT clsd. Autopilot coupled approaches na below 960' MSL.

COMM/NAV/WEATHER REMARKS: When twr clsd acft must self-announce on CTAF prior to ldg or tkof.

HELIPAD H1: H40X50 (CONC) HIRL

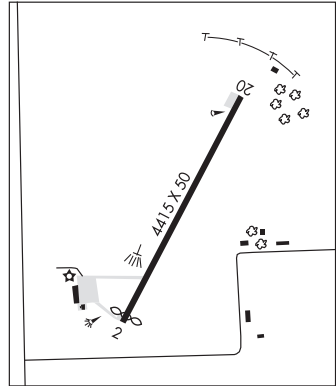
HELIPORT REMARKS: Standard heliport markings.

CASTLE (See ATWATER on page 86)

CATALINA (See AVALON on page 87)

CEDARVILLE (059) 2 N UTC-8(-7DT) N41°33.22' W120°09.94'
 4623 B TPA-5623(1000) NOTAM FILE RNO
RWY 02-20: H4415X50 (ASPH) S-12.5 MIRL 1.2% up S
RWY 02: Thld dsplcd 120'. Road.
SERVICE: LGT ACTIVATE MIRL Rwy 02-20-CTAF.
AIRPORT REMARKS: Unattended.
AIRPORT MANAGER: 530-233-6412
COMMUNICATIONS: CTAF/UNICOM 122.8
RADIO AIDS TO NAVIGATION: NOTAM FILE LKV.
LAKEVIEW (H) VORTACW 112.0 LKV Chan 57 N42°29.57'
 W120°30.43' 146° 58.4 NM to fld. 7465/19E. **HIWAS.**

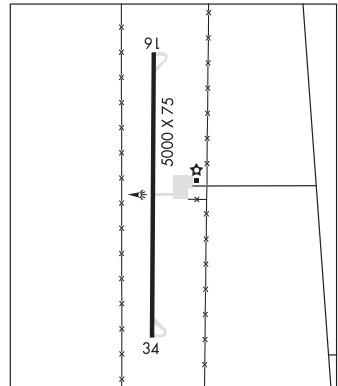
KLAMATH FALLS
 L-11A



CHARLES M SCHULZ – SONOMA CO (See SANTA ROSA on page 219)

CHEMEHUEVI VALLEY (49X) 4 N UTC-8(-7DT) N34°31.73' W114°25.92'
 638 B NOTAM FILE RAL
RWY 16-34: H5000X75 (ASPH) S-12 MIRL
SERVICE: LGT ACTIVATE MIRL Rwy 16-34-CTAF.
AIRPORT REMARKS: Unattended. Rwy 16-34 cracks in rwy surface and rwy edges failing.
AIRPORT MANAGER: 760-858-1116
COMMUNICATIONS: CTAF 122.9
RADIO AIDS TO NAVIGATION: NOTAM FILE EED.
NEEDLES (H) VORTAC 115.2 EED Chan 99 N34°45.96'
 W114°28.45' 157° 14.4 NM to fld. 620/15E. **HIWAS.**
VORTAC unusable:
 100°-130° byd 27 NM blo 6,600'
 170°-220° byd 20 NM blo 5,800'
 220°-280° byd 35 NM blo 6,800'
TACAN AZIMUTH & DME unusable:
 165°-220° byd 20 NM blo 8,000'
 165°-220° byd 30 NM blo 12,000'

PHOENIX
 H-4I, L-5A, 7E



CHESTER

ROGERS FLD (005) 2 SW UTC-8(-7DT) N40°16.94' W121°14.47'

4534 B TPA—5534(1000) NOTAM FILE RIU

RWY 16-34: H5020X100 (ASPH) S-60, D-110 MIRL 0.4% up N

RWY 16: PAPI(P2L)—GA 3.0° TCH 45'. Trees.

RWY 34: PAPI(P2L)—GA 3.0° TCH 32'. Trees. Rgt tfc.

SERVICE: FUEL 100LL, JET A **LGT** ACTIVATE MIRL Rwy 16-34 and PAPI Rwy 16 and Rwy 34—CTAF.

AIRPORT REMARKS: Attended 1600Z†-dusk.

AIRPORT MANAGER: 530-283-6299

WEATHER DATA SOURCES: AWOS-3 118.275 (530) 258-2860.

COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE RBL.

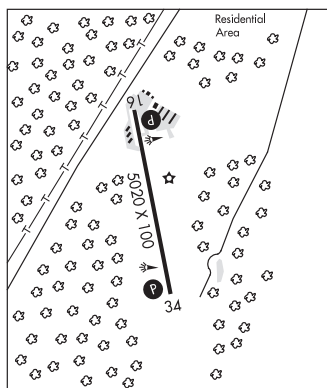
RED BLUFF (H) VORTACW 115.7 RBL Chan 104 N40°05.93'

W122°14.18' 058° 47.1 NM to fld. 321/18E. **HIWAS.**

VOR portion unusable:

280°-300° blo 3,500'

KLAMATH FALLS
H-3B, L-2H, 11A



CHICO MUNI (CIC)(KCIC) 4 N UTC-8(-7DT) N39°47.72' W121°51.51'

240 B TPA—See Remarks Class III, ARFF Index A NOTAM FILE CIC

RWY 13L-31R: H6724X150 (ASPH-GRVD) S-63, D-100, 2S-127,

2D-170 PCN 20 F/B/X/T HIRL 0.5% up NW

RWY 13L: MALSR. PAPI(P4L)—GA 3.0° TCH 52'. Rgt tfc.

RWY 31R: REIL. VASI(V4L)—GA 3.0° TCH 54'.

RWY 13R-31L: H3000X60 (ASPH) S-12.5 0.4% up NW

RWY 13R: Rgt tfc.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 13L:TORA-6724 TODA-6724 ASDA-6724 LDA-6724

RWY 31R:TORA-6724 TODA-6724 ASDA-6724 LDA-6724

SERVICE: S4 FUEL 100LL, JET A OX3 **LGT** When twr clsd ACTIVATE HIRL Rwy 13L-31R, VASI Rwy 31R and MALSR and PAPI Rwy 13L-121.0.

AIRPORT REMARKS: Attended 1500-0300Z†. For fuel after hrs call 530-588-4888. Birds on and invof arpt. Scheduled air carrier ops involving acft with more than 9 passenger seats are not authorized without PPR from arpt manager and confirmation that ARFF svcs are avbl prior to ldg or tkof, call 530-896-7216. For jet/heavy acft opr E of fld TPA—1740(1500), for light acft opr W and E of fld TPA—1240(1000). Rwy 13R-31L is part of an asph pad 3000'X1500'. Twy Z CLOSED. North windcone unavbl indef.

AIRPORT MANAGER: 530-896-7216

WEATHER DATA SOURCES: AWOS-3 119.675 (530) 879-3850. LAWRS.

COMMUNICATIONS: CTAF 121.0 ATIS 119.675 UNICOM 122.95

RCO 122.1R 109.8T (RANCHO MURIETA RADIO)

® OAKLAND CENTER APP/DEP CON 132.2

TOWER 121.0 (1500-0300Z†) **GND CON** 121.9

AIRSPACE: CLASS D svc 1500-0300Z† other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE CIC.

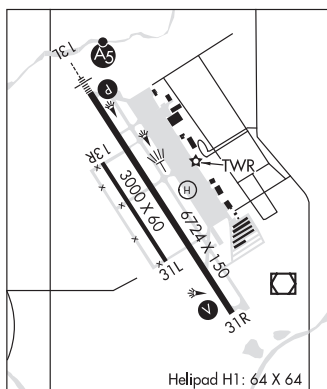
(T) **VOR/DME** 109.8 CIC Chan 35 N39°47.39' W121°50.83' at fld. 215/16E.

ILS 111.3 I-CIC Rwy 13L. Class IE. Unmonitored when ATCT closed.

COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not avbl at twr.

• • • • •
HELIPAD H1: H64X64 (CONC) S-35

SAN FRANCISCO
H-3B, L-26/H
IAP, AD



CHINA LAKE NAWS (ARMITAGE FLD) (NID)(KNID) NAS 3 NW UTC-8(-7DT) N35°41.14' W117°41.53'

LOS ANGELES
H-41, L-7C
DIAP, AD

2284 B NOTAM FILE NID Not insp.

RWY 03-21: H10001X200 (PEM) PCN 11 R/B/W/T HIRL

RWY 21: OLS. PAPI(P4L)—GA 3.0° TCH 57'. 0.8° up.

RWY 14-32: H9014X200 (PEM) PCN 16 R/B/W/T HIRL

RWY 14: OLS. PAPI(P4R)—GA 3.0° TCH 52'.

RWY 32: OLS. PAPI(P4R)—GA 3.0° TCH 50'.

RWY 08-26: H7111X75 (PEM) PCN 59 R/B/W/T HIRL

ARRESTING GEAR/SYSTEM

RWY 03 HOOK E28(B) (1657 FT).

HOOK E28(B) (2793 FT). **RWY 21**

RWY 14 HOOK E28(B) (1501 FT).

HOOK E28(B) (1199 FT). **RWY 32**

SERVICE: LGT Rwy 08-26 marked and lighted 75' wide. Rwy 03-21 and Rwy 14-32 marked and lighted 200'.

MILITARY— JASU 3(GTC-85) 5(NC-10A1) 1(NC-10B) 1(NC-10C) 7(AM32A-108) 4(A/M47A-4) 4(MSU-200). **FUEL** F24 - Avbl 1400-0700Z† Mon-Thu; 1400-0400Z† altn Thu-Fri; 2200-0500Z† Sun. Clsd Sun preceding Mon hol and altn Fri. **FLUID** SP PRESAIR LHOX LOX - Avbl 1400-2300Z† Mon-Fri, clsd altn Fri-Sat-Sun-hol. **OXR. OIL** O-133-156 **TRAN ALERT** Exp svc delay. Ltd tran svc avbl 1530-0030Z† Mon-Fri.

MILITARY REMARKS: Opr Mon-Fri 1430-0630Z†, Sun 2200-0000Z†, CLOSED alternate Fri, open 1430-0000Z† first working/non-holiday Fri of the month, Sat opr by PPR/local use only. See FLIP AP/1 Supplementary Arpt Information. Fit Haz R2508 and China Lake NAWS Supplementary Arpt Remarks. **RSTD** PPR DSN 437-5301. All PPR issued weekdays only 1430-0630Z†. PPR civil acft official business. Rstd afd hrs subject change. Pilots filing KNID China Lake as an altn or emergency div are advised to call base ops DSN 437-5475 to verify opr hrs. **CAUTION** Bird hazard near golf course, within Class D Airspace Oct-Apr. **TFC PAT** Reduced rwy separation standards in effect USN/USMC acft. **NS ABTMT** Dep avoid overflight China Lake and city of Ridgecrest 2 NM SSE. **CSTMS/AG/IMG** Customs not avbl. Acft entering from foreign countries must clear Customs prior arrival. **MISC** Tran acft to/from China Lake NID must ctc R2508 Complex Control Board for schedule/brief prior to obtaining a PPR. Ltd PAX svc avbl. Portions of apch end Rwy 26 and adjacent twy not visible from twr.

COMMUNICATIONS: ATIS 322.375

Ⓡ **JOSHUA APP/DEP CON** 133.65 348.7

TOWER 120.15 340.2 (Mon-Fri 1430-0630Z†, Sun 2200-0000Z†, clsd alternate Fri. Open 1430-0000Z† first working/non-holiday Fri of the month. Sat opr by PPR/local use only.)

GND CON 360.2 **CLNC DEL** 274.7

PMSV METRO 343.15 (Mon-Fri 1300-0700Z†, clsd alternate Fri.)

VFR ADVISORY SVC 133.65 126.55 127.5 291.6 348.7 (Provided to all pilots opr within adjacent R2508. Ctc Joshua APP CON.)

AIRSPACE: CLASS D svc 1430-0630Z† Mon-Fri, 2200-0000Z† Sun, cl altn fri. 1430-0000Z† 1st working/non-hd fri of month. Sat opr by ppr/lcl use only other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE NID.

(L) **TACAN** Chan 53 NID (111.6) N35°41.28' W117°41.43' at fld. 2228/14E.

TACAN AZIMUTH unusable:

072°-112° byd 30 NM

132°-192° byd 35 NM

192°-322° byd 27 NM

357°-037° byd 25 NM

TACAN opr 1430-0630Z†

DME unusable:

072°-112° byd 30 NM

132°-192° byd 35 NM

192°-322° byd 27 NM

357°-037° byd 25 NM

CHINO (CNO)(KCNO) 3 SE UTC-8(-7DT) N33°58.49' W117°38.19'

650 B TPA—See Remarks NOTAM FILE CNO

LOS ANGELES

COPTER

H-4I, L-3E, 4H, A

IAP, AD

RWY 08R-26L: H7000X150 (ASPH-GRVD) S-75, D-150, 2S-175, 2D-215 MIRL

RWY 08R: PAPI(P4L)—GA 3.0° TCH 52'. Rgt tfc.

RWY 26L: PAPI(P4L)—GA 3.0° TCH 55'. Trees.

RWY 03-21: H4919X150 (ASPH) S-21, D-130, 2S-165, 2D/2D2-50 MIRL 0.8% up NE

RWY 03: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Rgt tfc.

RWY 21: REIL. PAPI(P4L)—GA 3.0° TCH 40'.

RWY 08L-26R: H4858X150 (ASPH) S-12 HIRL 0.4% up W

RWY 08L: PAPI(P4L)—GA 3.0° TCH 50'. Trees. Rgt tfc.

RWY 26R: PAPI(P4L)—GA 3.0° TCH 53'. Trees.

SERVICE: S4 FUEL 100LL, JET A OX 2 LGT When twr clsd MIRL Rwy 03-21, HIRL Rwy 08L-26R, MIRL Rwy 08R-26L are turned on. PAPI Rwy 26R, Rwy 08R, Rwy 26L, Rwy 03, Rwy 21, and REIL Rwy 03 and Rwy 21 opr continuously.

AIRPORT REMARKS: Attended continuously. Self-svc fuel avbl 24 hrs. Birds and wildlife on and invof arpt. Radio controlled acct activity blo 400' AGL 2.5 NM south of arpt. TPA—1400(750), Twin engine TPA—2000(1350).

AIRPORT MANAGER: 909-597-3910

WEATHER DATA SOURCES: ASOS (909) 393-5823 LAWRS.

COMMUNICATIONS: CTAF 118.5 ATIS 125.85 (909) 393-5365 UNICOM 122.95

Ⓡ **SOCAL APP/DEP CON** 135.4(NE-EAST)

TOWER 118.5 (1500-0500Z±) **GND CON** 121.6 For clnc del when ATCT clsd call Socal Apch (800) 448-3724.

AIRSPACE: CLASS D svc 1500-0500Z± other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE RAL.

PARADISE (H) VORTAC 112.2 PDZ Chan 59 N33°55.10' W117°31.80' 287° 6.3 NM to fld. 1432/15E.

TACAN AZIMUTH unusable:

130°-145° byd 25 NM blo 5,000'

145°-190° blo 8,000'

190°-230° blo 10,000'

310°-325° byd 35 NM blo 10,900'

325°-345° byd 25 NM blo 11,500'

345°-360° byd 35 NM blo 10,500'

VOR unusable:

010°-015° byd 20 NM blo 10,000'

130°-145° byd 25 NM blo 5,000'

145°-190° blo 8,000'

145°-190° byd 25 NM blo 10,000'

145°-190° byd 39 NM blo 13,500'

190°-230° blo 10,000'

310°-325° byd 35 NM blo 10,900'

325°-345° byd 25 NM blo 11,500'

345°-360° byd 35 NM blo 10,500'

DME unusable:

130°-145° byd 25 NM blo 5,000'

145°-190° blo 8,000'

190°-230° blo 10,000'

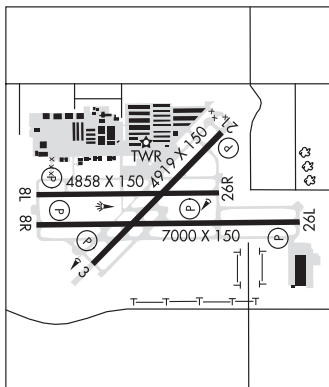
310°-325° byd 35 NM blo 10,900'

325°-345° byd 25 NM blo 11,500'

345°-360° byd 35 NM blo 10,500'

RIVERSIDE (T) VORW 112.4 RAL N33°57.31' W117°26.99' 263° 9.4 NM to fld. 778/14E.

ILS 111.5 I-CNO Rwy 26R. Unmonitored when ATCT closed.



CHIRIACO SUMMIT (L77) 1 NE UTC-8(-7DT) N33°39.89' W115°42.62'

LOS ANGELES

1711 TPA—2711(1000) NOTAM FILE RAL

L-4I

RWY 06-24: H4000X50 (ASPH) 0.7% up SW

AIRPORT REMARKS: Unattended. Pilots visibility is limited to 1400' from either end of Rwy 06-24.

AIRPORT MANAGER: (951) 955-9418

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE TRM.

THERMAL (H) VORTAC 116.2 TRM Chan 109 N33°37.69'

W116°09.61' 071° 22.6 NM to fld. -87/13E.

VOR unusable:

045°-060° byd 30 NM blo 12,000'

045°-060° byd 35 NM blo 13,500'

060°-090° byd 35 NM blo 9,000'

160°-185° byd 30 NM blo 14,000'

160°-185° byd 20 NM blo 12,000'

185°-260° byd 20 NM blo 18,500'

260°-265° byd 35 NM blo 11,000'

260°-265° byd 36 NM blo 12,000'

265°-285° byd 35 NM blo 13,500'

325°-045° byd 20 NM blo 12,000'

325°-045° byd 35 NM blo 13,500'

TACAN AZIMUTH & DME unusable:

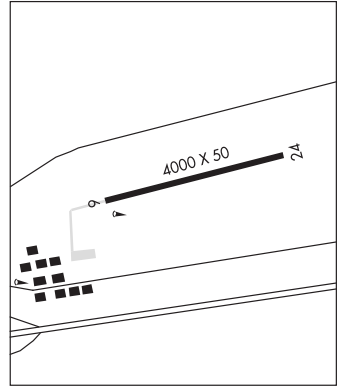
060°-090° byd 35 NM blo 9,000'

160°-285° byd 15 NM blo 17,500'

160°-285° byd 30 NM

325°-060° byd 20 NM blo 12,000'

325°-060° byd 30 NM blo 15,000'



CHOWCHILLA (206) 1 SE UTC-8(-7DT) N37°06.80' W120°14.82'

SAN FRANCISCO

243 TPA—1243(1000) NOTAM FILE RIU

L-3B

RWY 12-30: H3253X60 (ASPH) S-12 MIRL

RWY 12: Antenna.

RWY 30: Railroad. Rgt tfc.

SERVICE: LGT ACTIVATE MIRL Rwy 12-30—CTAF.

AIRPORT REMARKS: Unattended. Apch to Rwy 12 +35' P-lines 1150' from thld on extended rwy centerline.

AIRPORT MANAGER: (559) 267-3157

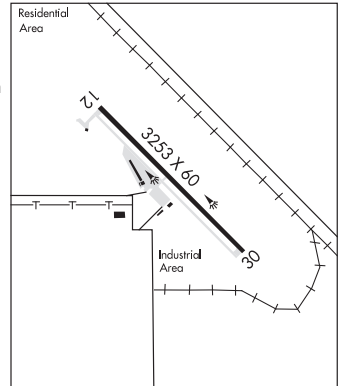
COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE FAT.

CLOVIS (H) VORTACW 112.9 CZQ Chan 76 N36°53.06'

W119°48.91' 289° 24.9 NM to fld. 360/15E.

COMM/NAV/WEATHER REMARKS: For clnc del ctc Norcal apch at 916-361-0516.



CHUALAR N36°29.45' W121°28.49' NOTAM FILE SNS.

SAN FRANCISCO

NDB (MHW) 263 UAD 312° 12.1 NM to Salinas Muni. 105/16E. SHUTDOWN.

L-3C

Unusable:

135°-245° byd 10 NM

360°-080° byd 10 NM

CLIFF HATFIELD MEM (See CALIPATRIA on page 100)

CLOVERDALE MUNI (O60) 3 SE UTC-8(-7DT) N38°46.58' W122°59.56'
276 TPA-1276(1000) NOTAM FILE OAK

SAN FRANCISCO
L-26, 3A
IAP

RWY 14-32: H2909X60 (ASPH) S-12 MIRL

RWY 14: REIL.

RWY 32: REIL. PAPI(P2L)-GA 3.5° TCH 40'. Brush. Rgt tfc.

SERVICE: FUEL 100LL LGT ACTIVATE PAPI Rwy 32 and MIRL Rwy 14-32-CTAF.

AIRPORT REMARKS: Attended 1600-0100Z†. Fuel avbl 24 hrs with credit card. Parachute Jumping.

AIRPORT MANAGER: 707-894-2150

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ OAKLAND CENTER APP/DEP CON 127.8

RADIO AIDS TO NAVIGATION: NOTAM FILE STS.

SANTA ROSA (L) VOR/DME 113.0 STS Chan 77 N38°30.49'
W122°48.64' 316° 18.2 NM to fld. 121/16E.

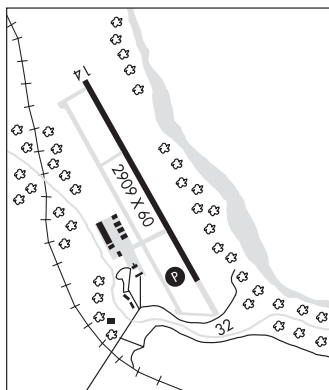
VOR/DME unusable:

030°-080° byd 25 NM blo 7,500'

080°-120° byd 25 NM blo 5,500'

340°-360° byd 32 NM blo 10,000'

360°-030° byd 25 NM blo 10,000'



CLOVIS N36°53.06' W119°48.91' NOTAM FILE FAT.
(H) VORTACW 112.9 CZQ Chan 76 129° 8.0 NM to Fresno Yosemite Intl. 360/15E.

SAN FRANCISCO
H-3B, L-3C, 9A

COALINGA

HARRIS RANCH (308) 9 NE UTC-8(-7DT) N36°14.89' W120°14.31'
470 NOTAM FILE RIU

SAN FRANCISCO

RWY 14-32: H2820X30 (ASPH) S-30 LIRL

RWY 14: Pole. Rgt tfc.

RWY 32: P-line.

SERVICE: FUEL 100LL

AIRPORT REMARKS: Attended 1400-0300Z†. Fuel avbl 24 hours from service station 559-935-0717. Caution electrical P-line 40' AGL 0.3 NM S of arpt. No run-ups on apch end of Rwy 32.

AIRPORT MANAGER: 559-935-0717

COMMUNICATIONS: CTAF 122.9

NEW COALINGA MUNI (C80) 3 E UTS-8(-7DT) N36°09.73' W120°17.69'
625 B TPA-1625(1000) NOTAM FILE RIU

SAN FRANCISCO
H-4H, L-3C

RWY 12-30: H5000X100 (ASPH) S-30 MIRL 0.5% up NW

RWY 12: REIL. PAPI(P2L)-GA 3.0° TCH 40'.

RWY 30: REIL. PAPI(P2L)-GA 3.0° TCH 40'. Rgt tfc.

RWY 01-19: H2471X60 (ASPH-GRVL) S-12.5

RWY 19: Rgt tfc.

SERVICE: FUEL 100LL LGT REIL Rwy 12 and Rwy 30, MIRL Rwy

12-30, Perimeter lgts H1 on dusk -0800Z†, after 0800Z†

ACTIVATE-CTAF, PAPI Rws 12 and 30 opr continuously.

AIRPORT REMARKS: Attended irregularly. Rwy 01-19 avbl for daytime use only. Rwy 01-19 restricted by arpt management to acft under 6000 lbs single wheel. Rwy 01-19 surface oil treated. Rwy 01-19 is in poor condition, asphalt-gravel cracked in places with small potholes, rocks and loose gravel.

AIRPORT MANAGER: 559-935-1533

WEATHER DATA SOURCES: AWOS-3 119.275 (559) 935-5960.

COMMUNICATIONS: CTAF/UNICOM 122.7

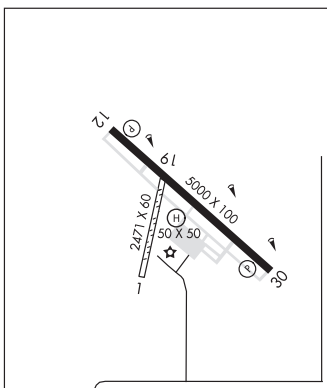
RADIO AIDS TO NAVIGATION: NOTAM FILE PRB.

PASO ROBLES (L) VORTACW 114.3 PRB Chan 90 N35°40.35'

W120°37.63' 013° 33.5 NM to fld. 817/16E. **HIWAS.**

TACAN AZIMUTH & DME unusable:

120°-140° byd 27 NM blo 8,000'



HELIPAD H1: H50X50 (ASPH)

HELIPORT REMARKS: Helipad H1 perimeter lgts.

COLUMBIA (O22) 1 SW UTC-8(-7DT) N38°01.83' W120°24.87'
 2121 B TPA—See Remarks NOTAM FILE RIU

SAN FRANCISCO
 L-3B
 IAP

RWY 17-35: H4673X75 (ASPH) S-30 MIRL 1.0% up N

RWY 17: REIL. VASI(V2L)—GA 4.55° TCH 56'. Thld dsplcd 598'.
 Ground. Rgt tfc.

RWY 35: REIL. VASI(V2L)—GA 4.0° TCH 54'. Thld dsplcd 384'. Trees.

RWY 11-29: 2607X50 (TURF) 0.9% up W

RWY 11: Trees. Rgt tfc.

RWY 29: Trees.

SERVICE: S4 **FUEL** 100LL, JET A **OX**2, 4 **LGT** Rwy 35 VASI unusable
 byd 5° left and 5° right of rwy centerline. **ACTIVATE** MIRL Rwy 17-35
 and REIL Rwy 17 and Rwy 35—CTAF. VASI Rwy 17 and Rwy 35 opr
 continuously.

AIRPORT REMARKS: Attended 1600-0100Z†. **CAUTION:** Rwy 11 departures
 prohibited due to conflict with main rwy. Varying wind direction and
 velocity may be encountered at mid point of Rwy 17-35 due to terrain
 features and wind flow patterns. Rwy 29 not recommended for use
 during winter months Nov through Mar. Turf twy north side of Rwy
 11-29 not recommended for use Nov-Mar. All jet acct are requested to
 land Rwy 35 and depart Rwy 17 wind and weather permitting. Arpt
 has two rotating beacons, one on the arpt and one 6500' SE threshold
 Rwy 35. Calfire Air Tanker ops from arpt during summer fire season.

Ldg fee for all commercial operators regardless of size and corporate acct over 12,500 pounds gross ldg weight. Avoid
 flights over Columbia State Park NE of arpt, and Highway 49 bridge 5 NM southwest of arpt and vicinity. Helicopter
 parking area 300' by 120' (3 positions). TPA Rwy 17-35 3121(1000). TPA Rwy 11-29 2921(800).

AIRPORT MANAGER: (209) 533-6684

WEATHER DATA SOURCES: AWOS-3 124.65 (209) 536-9384.

COMMUNICATIONS: CTAF/UNICOM 122.975

NORCAL APP/DEP CON 123.7 (North) 125.1 (West)

OAKLAND CENTER APP/DEP CON 121.25 (East/South)

RADIO AIDS TO NAVIGATION: NOTAM FILE RIU.

LINDEN (H) VOR/DME 114.8 LIN Chan 95 N38°04.47' W121°00.23' 078° 28.1 NM to fld. 266/17E.

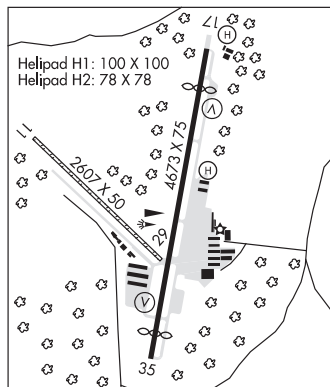
DME unusable:

191°-235°

COMM/NAV/WEATHER REMARKS: For clnc del ctc Norcal apch at 916-361-0516.

HELIPAD H1: H100X100 (ASPH)

HELIPAD H2: H78X78 (ASPH)



COLUSA CO (O08) 3 S UTC-8(-7DT) N39°10.74' W121°59.60'
 49 B TPA—849(800) NOTAM FILE RIU

SAN FRANCISCO
 L-26, 3A
 IAP

RWY 13-31: H3034X59 (ASPH) S-10 MIRL

RWY 13: PAPI(P2L)—GA 3.0° TCH 25'.

RWY 31: PAPI(P2L)—GA 3.0° TCH 43'. Road. Rgt tfc.

SERVICE: S4 **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 13-31 CTAF.

AIRPORT REMARKS: Attended dawn-dusk. Fuel avbl by credit card 24 hrs. Be
 alert to bldg 120' above ground level, 1000' West. Birds on and invof
 of arpt.

AIRPORT MANAGER: (530) 458-0500

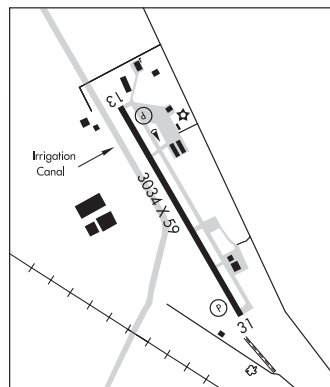
COMMUNICATIONS: CTAF/UNICOM 122.8

OAKLAND CENTER APP/DEP CON 132.2

RADIO AIDS TO NAVIGATION: NOTAM FILE RIU.

WILLIAMS (L) VORTACW 114.4 ILA Chan 91 N39°04.27'

W122°01.64' 356° 6.7 NM to fld. 49/18E. **HIWAS.**



COMPTON/WOODLEY (CPM)(KCPM) 2 SW UTC-8(-7DT) N33°53.40' W118°14.63'

LOS ANGELES

99 B TPA—999(900) NOTAM FILE HHR

COPTER

RWY 07L-25R: H3323X60 (ASPH-AFSC) S-14.5 0.4% up W**RWY 07L:** Thld dspcd 738'. Road. Rgt tfc.**RWY 25R:** Thld dspcd 667'. Road.**RWY 07R-25L:** H3322X60 (ASPH-AFSC) S-14.5 MIRL 0.4% up W**RWY 07R:** Thld dspcd 737'. Road. Rgt tfc.**RWY 25L:** REIL. PAPI(P2L)—GA 4.0° TCH 40'. Thld dspcd 667'.

Road.

SERVICE: S4 FUEL 100LL LGT ACTIVATE MIRL Rwy 07R-25L, PAPI,

REIL, Rwy 25L and north and south parallel twys—CTAF.

AIRPORT REMARKS: Attended continuously. Rwy 07L-25R CLOSED nghts indef, only VFR ops during day. No touch and go landings. Rwy 25L and Rwy 25R calm wind rwys. Req all tch remain south of arpt. Avoid overflight of schools. Skid equipped helicopters are not permitted to touchdown on rwys. Helicopter ops rstd to the rwys and south aprons.**AIRPORT MANAGER:** 310-631-8140**WEATHER DATA SOURCES:** AWOS-3PT 127.150 (310) 631-4958.**COMMUNICATIONS:** CTAF/UNICOM 123.05 CLNC DEL For clnc del call SOCAL App (800) 448-3724.**RADIO AIDS TO NAVIGATION:** NOTAM FILE LAX.

LOS ANGELES (H) VORTAC 113.6 LAX Chan 83 N33°55.99'

W118°25.92' 090° 9.7 NM to fld. 185/15E.

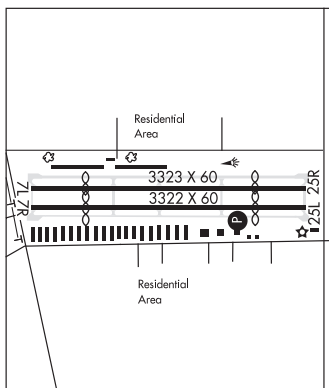
VOR portion unusable:

270°-277° byd 25 NM blo 8,000'

277°-300° byd 10 NM blo 8,000'

277°-300° byd 28 NM blo 12,000'

175°-205° byd 10 NM blo 3,000'

**CONCORD****BUCHANAN FLD** (CCR)(KCCR) 1 W UTC-8(-7DT) N37°59.38' W122°03.41'

SAN FRANCISCO

26 B TPA—See Remarks ARFF Index—See Remarks NOTAM FILE CCR

H-3B, L-2F, 3A, A

RWY 01L-19R: H5001X150 (ASPH-CONC-GRVD) S-60, D-90, 2S-114,

2D-140 PCN 124F/C/W/T HIRL

RWY 01L: REIL. PAPI(P4L)—GA 4.0° TCH 40'. Tree.**RWY 19R:** MALS. PAPI(P4L)—GA 3.0° TCH 22'. Thld dspcd 601'. Pole.

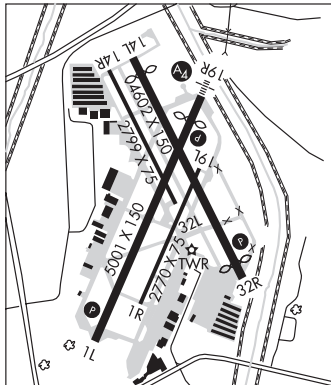
Rgt tfc.

RWY 14L-32R: H4602X150 (ASPH-CONC-PFC) S-60, D-90, 2S-114,

2D-140 PCN 108F/C/W/T MIRL

RWY 14L: Thld dspcd 300'. Road.**RWY 32R:** REIL. PAPI(P4R)—GA 4.0° TCH 40'. Thld dspcd 350'. Tree.

Rgt tfc.

RWY 14R-32L: H2799X75 (ASPH) S-12.5 PCN 14 F/B/W/T**RWY 14R:** Road. Rgt tfc.**RWY 01R-19L:** H2770X75 (ASPH) S-17 PCN 12 F/B/W/U**RWY 01R:** Tree. Rgt tfc.**RWY 19L:** Tree.**RUNWAY DECLARED DISTANCE INFORMATION****RWY 01L:**TORA-4701 TODA-5001 ASDA-4401 LDA-4401**RWY 14L:**TORA-4601 TODA-4601 ASDA-4001 LDA-3701**RWY 19R:**TORA-5001 TODA-5001 ASDA-5001 LDA-4401**RWY 32R:**TORA-4601 TODA-5081 ASDA-4481 LDA-4131**SERVICE:** S4 FUEL 100LL, JET A1+ 0X1, 2 LGT ACTIVATE MALS Rwy 19R 0600-1400Z±; PAPI Rwy 01L, Rwy 19R, and Rwy 32R—119.7. Rwy 01L PAPI unusbl byd 4 NM from thld. Rwy 32R PAPI unusbl byd 4 NM from thld. REIL Rwy 01L off when tower clsd.**AIRPORT REMARKS:** Attended 1500-0100Z±. Birds on and invof arpt, heaviest concentration Nov-Mar and after rainstorms. Arpt sfc conditions not monitored 0600-1500Z±. When twr clsd Rwy 14L-32R, Rwy 14R-32L and Rwy 01R-19L CLOSED. Rwy 19R standard left tfc when twr closed. Class IV, ARFF Index A. CLOSED to air carrier ops with more than 30 passenger seats except PPR call arpt manager 925-646-5722. ARFF svc avbl 24 hrs with prior approval from arpt administration. +8' fence 110' byd Rwy 01L TODA distance of 5010' and +7' fence 210' byd Rwy 14L TODA distance of 4601' along the extended rwy centerline. No training ops Mon-Fri 0600-1500Z±, Sat, Sun and holidays 0600-1600Z±. Noise sensitive area practice noise abatement (fly quiet) procedures. Arpt has noise abatement procedures ctc arpt manager prior to arrival 925-681-4200. TPA light act—1026(1000), 1526(1500) act 12,500 pounds and over and jets. Ldg fee for commercial ops and tie down fee for overnight parking.

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AIRPORT MANAGER: (925) 681-4200

WEATHER DATA SOURCES: ASOS (925) 689-2077 LAWRS.

COMMUNICATIONS: CTAF 119.7 ATIS 124.7 925-685-4567 UNICOM 122.95

Ⓡ TRAVIS APP/DEP CON 119.9

CONCORD TOWER 119.7 123.9 (1500-0600Z) GND CON 121.9 CLNC DEL 118.75

AIRSPACE: CLASS D svc 1500-0600Z other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE CCR.

CONCORD (T) VOR/DME 117.0 CCR Chan 117 N38°02.70' W122°02.71' 172° 3.4 NM to fld. 8/17E.

VOR unusable:

090°-115° byd 10 NM blo 3,500'

DME portion unusable:

090°-115° byd 10 NM blo 3,500'

KANAN NDB (LOMW) 335 CC N38°02.78' W122°02.01' 185° 3.6 NM to fld. 5/13E.

This is a low power marker used as LOM on CCR ILS. This record in the navaid file is to provide temporary support for the route elements of the KANAN TWO DP.

LDA 108.5 I-CCR Rwy 19R. LOM KANAN NDB. LDA unmonitored when ATCT clsd.

COMM/NAV/WEATHER REMARKS: When twr clsd call Travis apch ctl (SUU) clnc del 707-424-5111.

CORNING MUNI (Ø04) 1 NE UTC-8(-7DT) N39°56.77' W122°10.27'

SAN FRANCISCO

296 B TPA-1296(1000) NOTAM FILE RIU

RWY 17-35: H2699X60 (ASPH) S-12 MIRL

RWY 35: Rgt ttc.

SERVICE: S4 LGT ACTIVATE MIRL Rwy 17-35-CTAF.

AIRPORT REMARKS: Attended 1600-0100Z. Medical/firefighting/agricultural helicopters in vicinity of arpt. Ultralight activity on and in vicinity of arpt. Arpt rstd to acft less than 12,500 lbs maximum tkf weight or less.

AIRPORT MANAGER: 530-824-7025

COMMUNICATIONS: CTAF/UNICOM 123.0

CORONA MUNI (AJO)(KAJO) 3 NW UTC-8(-7DT) N33°53.86' W117°36.15'

LOS ANGELES

533 B TPA-1533(1000) NOTAM FILE AJO

COPTER

RWY 07-25: H3200X60 (ASPH) S-12 MIRL 0.6% up E

L-3E, 4H, A

RWY 07: Thld dspclcd 194'. Trees. Rgt ttc.

IAP

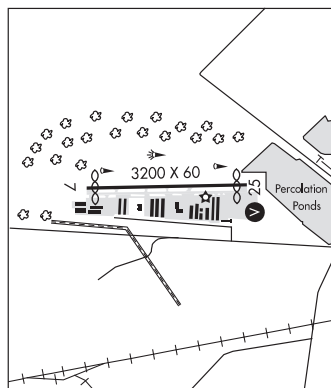
RWY 25: REIL. VASI(V4L)-GA 4.0° TCH 31'. Thld dspclcd 196'. Fence.

SERVICE: S4 FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 07-25, VASI and REIL Rwy 25-CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1500-0100Z. Unlgtd twr 828' MSL 3 miles east of arpt. Noise abatement procedures Rwy 25 straight-in apch not recommended. Avoid flying over houses on bluff at east end. No helicopter training after 0400Z. Rwy 07 requires a 15° right turn at departure end to follow wash/creek. No turns onto crosswind leg until acft is within 300' of recommended traffic pattern altitude. No intersection takeoffs. No touch and go ops on weekends and holidays. Fly over wash/creek.

AIRPORT MANAGER: (951) 279-3677

WEATHER DATA SOURCES: AWOS-3PT 132.175 (951) 340-4764.



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COMMUNICATIONS: CTAF/UNICOM 122.7

① **SOCAL APP/DEP CON** 135.4 (NE-EAST)**CLNC DEL** For clnc del call SOCAL Apch (800) 448-3724**RADIO AIDS TO NAVIGATION:** NOTAM FILE RAL.**PARADISE (H) VORTAC** 112.2 PDZ Chan 59 N33°55.10' W117°31.80' 236° 3.8 NM to fld. 1432/15E.

TACAN AZIMUTH unusable:

130°-145° byd 25 NM blo 5,000'

145°-190° blo 8,000'

190°-230° blo 10,000'

310°-325° byd 35 NM blo 10,900'

325°-345° byd 25 NM blo 11,500'

345°-360° byd 35 NM blo 10,500'

VOR unusable:

010°-015° byd 20 NM blo 10,000'

130°-145° byd 25 NM blo 5,000'

145°-190° blo 8,000'

145°-190° byd 25 NM blo 10,000'

145°-190° byd 39 NM blo 13,500'

190°-230° blo 10,000'

310°-325° byd 35 NM blo 10,900'

325°-345° byd 25 NM blo 11,500'

345°-360° byd 35 NM blo 10,500'

DME unusable:

130°-145° byd 25 NM blo 5,000'

145°-190° blo 8,000'

190°-230° blo 10,000'

310°-325° byd 35 NM blo 10,900'

325°-345° byd 25 NM blo 11,500'

345°-360° byd 35 NM blo 10,500'

COVELO**ROUND VALLEY** (009) 1 SW UTC-8(-7DT) N39°47.43' W123°15.98'

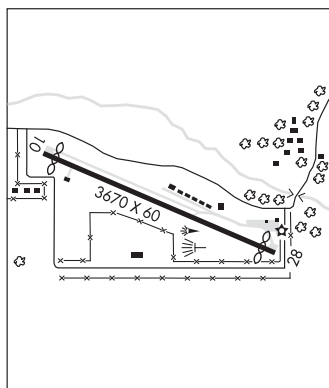
SAN FRANCISCO

1434 B TPA—2234(800) NOTAM FILE OAK

L-2H

RWY 10-28: H3670X60 (ASPH) S-30 MIRL**RWY 10:** Thld dsplcd 210'. Hill.**RWY 28:** Thld dsplcd 270'. Trees. Rgt t/c.**SERVICE: FUEL** 100LL **LGT** Arpt bcn OTS indef. For MIRL Rwy 10-28

key 122.8 5 times.

AIRPORT REMARKS: Unattended**AIRPORT MANAGER:** 707-463-4363**COMMUNICATIONS:** CTAF/UNICOM 122.8**RADIO AIDS TO NAVIGATION:** NOTAM FILE UKI.**MENDOCINO (H) VORTACW** 112.3 ENI Chan 70 N39°03.19'W123°16.46' 344° 44.2 NM to fld. 2985/16E. **HIWAS.****COYOTE** N34°17.80' W116°09.44' NOTAM FILE RAL.

SAN FRANCISCO

(H) **TACAN** 133.6 NXP Chan 63 at Twentynine Palms Self. 2006/14E.

H-4I, L-4I, 7D

TACAN AZIMUTH unusable:

020°-070° byd 16 NM blo 7,500'

130°-170° byd 16 NM blo 15,000'

290°-090° byd 21 NM blo 15,000'

DME unusable:

020°-070° byd 16 NM blo 7,500'

130°-170° byd 16 NM blo 15,000'

290°-090° byd 21 NM blo 15,000'

CRESCENT CITY

JACK MC NAMARA FLD (CEC)(KCEC) 3 NW UTC-8(-7DT) N41°46.81' W124°14.19'

KLAMATH FALLS

61 B TPA—1061(1000) Class I, ARFF Index A NOTAM FILE CEC

H-3B, L-2I

RWY 12-30: H5002X150 (ASPH) S-30, D-43 PCN 9 F/D/Y/U HIRL

IAP

RWY 12: MALSR.

RWY 30: REIL. VASI(V4L)—GA 3.5° TCH 60'. Trees.

RWY 18-36: H5000X150 (ASPH) S-30, D-43 PCN 9 F/D/Y/U MIRL

RWY 18: REIL. Thld dsplcd 148'. Ground.

RWY 36: REIL. VASI(V4L)—GA 3.0° TCH 48'. Road.

SERVICE: S2 **FUEL** 100LL, JET A **LGT** ACTIVATE MALSR Rwy 12, REIL Rwy 18, Rwy 36, and Rwy 30, HIRL Rwy 12-30, and MIRL Rwy 18-36—CTAF.

AIRPORT REMARKS: Attended 1600-0200Z†. Other hrs fixed-base operator rqr call out fee. Birds and deer on and in vicinity of arpt. A 150' lgtd twr 3300' W CEC VOR. Occasional standing water on Rwy 18-36 and Rwy 30 runup area. Ridge lines of shifting sand dunes 30-50' AGL and 1000' of apch end Rwy 18. PPR for unscheduled air carrier ops with more than 30 passenger seats call arpt manager 707-464-7288 or 707-465-3804. Transient parking ramp estimated weight limit 20,000 lbs, FBO ramp estimated weight limit 60,000 lbs.

AIRPORT MANAGER: 707-464-7288

WEATHER DATA SOURCES: ASOS 119.925 (707) 465-5458.

COMMUNICATIONS: CTAF/UNICOM 122.8

CRESCENT CITY RCO 122.3 (OAKLAND RADIO)

SEATTLE CENTER APP/DEP CON 124.85

AIRSPACE: CLASS E

RADIO AIDS TO NAVIGATION: NOTAM FILE CEC.

CRESCENT CITY (L) VORTACW 109.0 CEC Chan 27 N41°46.77' W124°14.45' at fld. 55/14E.

TACAN AZIMUTH & DME unusable:

195°-235° byd 20 NM

ILS 108.7 I-CEC Rwy 12. Class IA. LOC unusable within 0.3 NM fm thld. Unmonitored.



CRESCENT CITY N41°46.77' W124°14.45' NOTAM FILE CEC.

KLAMATH FALLS

(L) **VORTACW** 109.0 CEC Chan 27 at Jack Mc Namara Fld. 55/14E.

H-3A, L-2I

TACAN AZIMUTH & DME unusable:

195°-235° byd 20 NM

RCO 122.3 (OAKLAND RADIO)

DAGGETT

BARSTOW-DAGGETT (DAG)(KDAG) P (A) 4 E UTC-8(-7DT) N34°51.22' W116°47.20'

LOS ANGELES

1930 B TPA—2930(1000) NOTAM FILE DAG

H-4I, L-7C

RWY 08-26: H6402X150 (ASPH) S-30, D-170, 2S-175, 2D-320

IAP, AD

MIRL 0.3% up W

RWY 08: PAPI(P4L)—GA 3.0° TCH 50'.

RWY 26: PAPI(P4L)—GA 3.0° TCH 50'.

RWY 04-22: H5123X100 (ASPH) S-30, D-105, 2S-133, 2D-190

MIRL 0.3% up SW

RWY 04: P-line.

RWY 22: PAPI(P4L)—GA 3.0° TCH 49'.

SERVICE: **FUEL** 100LL, JET A **LGT** ACTIVATE MIRL Rwy 08-26 and Rwy 04-22—CTAF. PAPI Rwy 08 and Rwy 22 ops continuously.

MILITARY— FUEL A, A+ (avbl 1600-0100Z†, C760-254-2542. OT 2 hr PN rqr, C760-254-2349.) (NC- 100LL)

AIRPORT REMARKS: Attended 1430-0100Z†. PAEW invof Army ramp. Extensive military helicopter tfc invof arpt. E-W twy parallel to Rwy 08-26 weight bearing capacity limited to single wheel acft 12,000 lbs.

AIRPORT MANAGER: 760-247-2371

WEATHER DATA SOURCES: ASOS 132.175 (760) 254-3630. **HIWAS** 113.2 DAG.

COMMUNICATIONS: CTAF/UNICOM 123.0

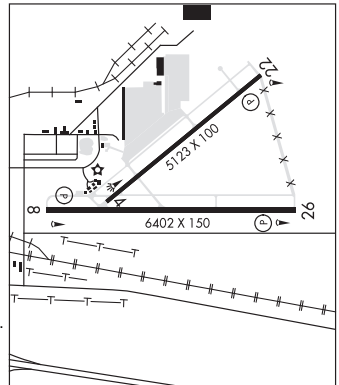
DAGGETT RCO 122.2 (RIVERSIDE RADIO)

Ⓡ **L.A. CENTER APP/DEP CON** 132.5

RADIO AIDS TO NAVIGATION: NOTAM FILE DAG.

DAGGETT (L) VORTACW 113.2 DAG Chan 79 N34°57.75' W116°34.69' 223° 12.2 NM to fld. 1760/15E.

HIWAS.



DAGGETT N34°57.75' W116°34.69' NOTAM FILE DAG.
 (L) **VORTACW** 113.2 DAG Chan 79 223° 12.2 NM to Barstow-Daggett. 1760/15E. **HIWAS**.
RCO 122.2 (RIVERSIDE RADIO)

LOS ANGELES
 H-41, L-7D

DAVIS

UNIVERSITY (EDU)(KEDU) 2 W UTC-8(-7DT) N38°31.89' W121°47.19'

SAN FRANCISCO
 L-2G, 3A
 IAP

69 B TPA—869(800) NOTAM FILE RIU

RWY 17-35: H3176X50 (ASPH) MIRL(NSTD)

RWY 17: SAVASI(S2L)—GA 4.25° TCH 25'. Tree.

RWY 35: VASI(V2L)—GA 3.75° TCH 26'. Trees.

SERVICE: S4 FUEL 100LL LGT ACTIVATE VASI Rwy 35, MIRL Rwy 17-35—CTAF. SAVASI Rwy 17 opr continuously.

AIRPORT REMARKS: Attended Mon-Fri 1600-2000Z, After hrs emerg University of California Davis police 530-752-1230. After hrs non-emerg University of California Davis police 530-752-1725. Fuel self svc avbl 24 hrs. 65' trees located south side of creek 1,257' from thld Rwy 35. Trees +40', west side of rwy near Rwy 17 thld. Remote control acct within area defined as 0.5 NM radius of 38°35.00N/121°42.00' W (5 NM northeast EDU), sfc-1,200' AGL, SR-SS. Rwy 17-35 NSTD MIRL 35' from edge of rwy. Noise abatement, noise sensitive area north of arpt.

AIRPORT MANAGER: 530-752-5435

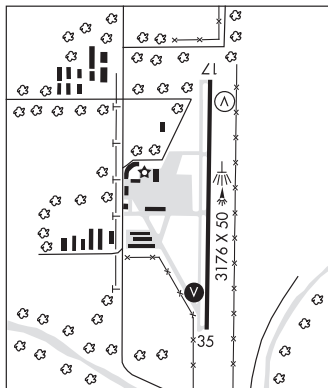
WEATHER DATA SOURCES: AWOS-3 119.025 (530) 754-6839.

COMMUNICATIONS: CTAF/UNICOM 123.075

Ⓡ **TRAVIS APP/DEP CON** 126.6

RADIO AIDS TO NAVIGATION: NOTAM FILE SAC.

SACRAMENTO (H) VORTACW 115.2 SAC Chan 99 N38°26.62' W121°33.10' 278° 12.2 NM to fld. 3/17E.



DAVIS/WOODLAND/WINTERS

YOLO CO (DWA)(KDWA) 6 NE UTC-8(-7DT) N38°34.76' W121°51.42'

SAN FRANCISCO
 H-3B, L-2G, 3A
 IAP

100 B TPA—1100(1000) NOTAM FILE RIU

RWY 16-34: H6000X100 (ASPH) S-45, D-60 MIRL

RWY 16: PAPI(P2L)—GA 3.0° TCH 40'. Rgt tfc.

RWY 34: PAPI(P2L)—GA 3.0° TCH 40'. Trees.

SERVICE: S4 FUEL 100LL, JET A, A+ OX 1, 2, 3, 4 LGT MIRL Rwy 16-34 preset low ints, to increase ints and ACTIVATE PAPI Rwy 16 and Rwy 34—CTAF.

AIRPORT REMARKS: Attended 1400-0200Z. Fuel avbl 24 hrs. Parachute Jumping. Parachute activity east of rwy. Crop duster ops on and invof arpt. Non-radio acct based at KDWA. Birds on and invof arpt. Arpt ops (530) 759-8766. Unlit 40' p-line and 120' trees 500' west of rwy centerline. Unlit wind turbine 95' AGL 1000' west of rwy centerline. No touch and go ldg 0600-1400Z. Rwy 34 calm wind rwy. Noise abatement, no turns crosswind prior to arpt boundary. Straight out departure no east turns on course prior to 2 miles. Avoid overflight of off arpt structures. Helicopter west apch is over vacant land immediately south of midfield, maintain minimum height.

AIRPORT MANAGER: 530-666-8066

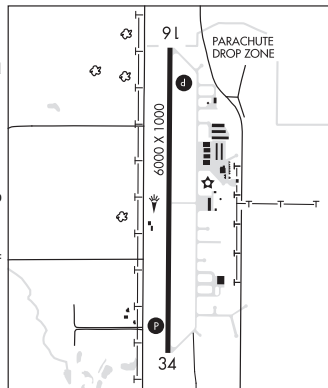
WEATHER DATA SOURCES: AWOS-3 125.775 (530) 750-2759.

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ **TRAVIS APP/DEP CON** 126.6

RADIO AIDS TO NAVIGATION: NOTAM FILE SAC.

SACRAMENTO (H) VORTACW 115.2 SAC Chan 99 N38°26.62' W121°33.10' 283° 16.5 NM to fld. 3/17E.



DEATH VALLEY NATIONAL PARK

FURNACE CREEK (L06) 0 N UTC-8(-7DT) N36°27.63' W116°52.79'

LAS VEGAS
L-9B

-210 TPA-790(1000) NOTAM FILE RAL

RWY 15-33: H3065X70 (ASPH) S-4

RWY 15: Brush. Rgt ttc.

RWY 33: Brush.

AIRPORT REMARKS: Unattended. Arpt clsd to night ops. Ditch 145' right of Rwy 33. Use only marked rwy. Arpt located 1 statute mile southwest of park headquarters. No tiedown ropes or chains avbl. Safety areas adjacent rwy clsd, stay on paved area only due to extremely soft dirt.

AIRPORT MANAGER: (760) 786-3692

COMMUNICATIONS: CTAF 122.9

RCO 122.2 (RIVERSIDE RADIO)

RADIO AIDS TO NAVIGATION: NOTAM FILE RNO.

BEATTY (H) VORTAC 114.7 BTY Chan 94 N36°48.04' W116°44.86' 181° 21.4 NM to fld. 2928/16E. HIWAS.

VORTAC unusable:

195°-210° byd 33 NM blo 10,500'

265°-305° byd 30 NM blo 10,200'

305°-325° byd 28 NM blo 9,000'

325°-089° byd 9 NM

360°-060° byd 12 NM

STOVEPIPE WELLS (L09) 1 W UTC-8(-7DT) N36°36.23' W117°09.55'

LAS VEGAS
L-9A

25 TPA-825(800) NOTAM FILE RAL

RWY 05-23: H3260X65 (ASPH)

RWY 23: Road. Rgt ttc.

AIRPORT REMARKS: Unattended.

AIRPORT MANAGER: (760) 786-3292

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE RNO.

BEATTY (H) VORTAC 114.7 BTY Chan 94 N36°48.04' W116°44.86' 223° 23.1 NM to fld. 2928/16E. HIWAS.

VORTAC unusable:

195°-210° byd 33 NM blo 10,500'

265°-305° byd 30 NM blo 10,200'

305°-325° byd 28 NM blo 9,000'

325°-089° byd 9 NM

360°-060° byd 12 NM

DELANO MUNI (DLO)(KDLO) 2 SE UTC-8(-7DT) N35°44.73' W119°14.19'

LOS ANGELES
H-4H, L-3D, 7B
IAP

316 B TPA-1116(800) NOTAM FILE RIU

RWY 14-32: H5659X75 (ASPH) S-30 MIRL

RWY 14: REIL. PAPI(P2L)-GA 3.5°. Thld dsplcd 1629'. Road. Rgt ttc.

RWY 32: REIL. PAPI(P2L)-GA 3.0°.

SERVICE: S6 **FUEL** 100LL **LGT** MIRL Rwy 14-32 preset low ints SS-SR, to increase ints ACTIVATE-CTAF.

AIRPORT REMARKS: Attended 1600-0100Z±. After hrs emerg ctc Police Department 661-721-3377. Seasonal crop duster ops on arpt east of Rwy 14-32. Area east of rwy is rstd AG use only.

AIRPORT MANAGER: 661-720-2219

WEATHER DATA SOURCES: AWOS-3P 119.55 (661) 721-2668.

COMMUNICATIONS: CTAF/UNICOM 122.8

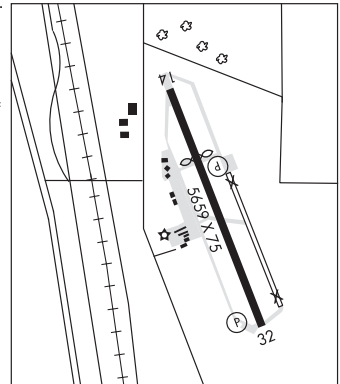
Ⓡ **BAKERSFIELD APP/DEP CON** 118.9 (1400-0700Z±) other times ctc

L.A. CENTER APP/DEP CON 127.1

RADIO AIDS TO NAVIGATION: NOTAM FILE BFL.

SHAFTER (H) VORTAC 115.4 EHF Chan 101 N35°29.07'

W119°05.84' 323° 17.1 NM to fld. 549/14E. HIWAS.



DINSMORE (D63) 1 E UTC-8(-7DT) N40°29.52' W123°35.89'
2375 TPA—3275(900) NOTAM FILE OAK

KLAMATH FALLS

RWY 09-27: H2510X48 (ASPH)

RWY 09: Thld displcd 80'. Trees. Rgt tfc.

RWY 27: Thld displcd 80'. Road.

AIRPORT REMARKS: Unattended. Day use only; CLOSED nghts. Mountains with high trees invof arpt.

AIRPORT MANAGER: 707-839-5401

COMMUNICATIONS: CTAF 122.9

DORRIS

BUTTE VALLEY (A32) 5 SW UTC-8(-7DT) N41°53.24' W121°58.54'
4243 B TPA—5043(800) NOTAM FILE RIU

KLAMATH FALLS

L-21

RWY 16-34: H4300X60 (ASPH) S-30 MIRL

RWY 16: Road.

RWY 34: Fence.

SERVICE: LGT ACTIVATE MIRL Rwy 16-34 key 122.9; 5 times.

AIRPORT REMARKS: Unattended. Arpt rstd by arpt owner to acft with maximum certificated tkof weight of 12,500 lbs or less; call arpt manager 530-842-8295 for more information.

AIRPORT MANAGER: (530) 842-8220

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE LMT.

KLAMATH FALLS (H) VORTACW 115.9 LMT Chan 106 N42°09.19'
W121°43.65' 198° 19.4 NM to fld. 4092/17E. **HIWAS.**

VOR portion unusable:

050°-060° byd 30 NM blo 12,000'

060°-120° byd 25 NM blo 12,000'

170°-195° byd 20 NM

210°-245° byd 25 NM blo 12,000'

270°-280° byd 20 NM

320°-050° byd 23 NM blo 12,000'

320°-050° byd 30 NM

TACAN AZIMUTH & DME portion unusable:

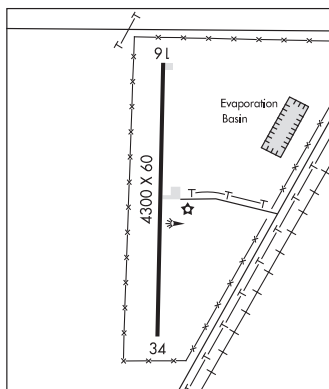
105°-125° byd 7 NM blo 12,000'

153°-195° byd 20 NM blo 11,000'

210°-305° byd 25 NM blo 10,500'

320°-105° byd 13 NM blo 13,000'

320°-125° byd 20 NM



DUNSMUIR MUNI-MOTT (106) 3 N UTC-8(-7DT) N41°15.78' W122°16.32'
3261 TPA—4261(1000) NOTAM FILE RIU

KLAMATH FALLS

RWY 14-32: H2800X60 (ASPH) S-12.5 1.1% up NW

RWY 14: Thld displcd 635'. Trees. Rgt tfc.

AIRPORT REMARKS: Unattended. Arpt CLOSED to night ops. Arpt surrounded by high mountains. Rising terrain unlighted obstacles north and east of rwy. Use caution departing Rwy 32 due to rising slope, terrain and unlightd obstructions north and east of rwy.

AIRPORT MANAGER: 530-235-4437

COMMUNICATIONS: CTAF 122.9

ECKERT FLD (See STRATHMORE on page 224)

EDWARDS AF AUX NORTH BASE (9L2) AF (NASA) 3 N UTC-8(-7DT) N34°59.45' W117°51.79' LOS ANGELES
 2299 NOTAM FILE EDW Not insp. H-41, L-7C

RWY 06-24: H5998X150 (ASPH) PCN 28 R/B/W/T HIRL DIAP

RWY 06: PAPI(P4L)—GA 3.0° TCH 50'.

RWY 24: PAPI(P4L)—GA 3.0° TCH 50'.

SERVICE: LGT ACTIVATE HIRL Rwy 06-24 and PAPI Rwy 06 and Rwy 24—129.1

MILITARY REMARKS: Attended Mon-Fri 1400-0600Z†, clsd weekends and holidays. Rwy 06-24 clsd UFN for pavement repair.

RSTD PPR strictly enforced. Clsd to all tran acft without prior approval of 412 OG/CC. Due to rwy condition, all turns will occur on the conc areas of the rwy located at the apch end, dep end, and mid-flid. If unable to exit at center twy, acft must proceed to the dep end to initiate turn and exit mid-flid. Ltd to BE-20 type acft and smaller, 12,500 lbs or less. **MISC** Winds are estimated due to FMQ-13 wind sensors being accurate to within only +/- 4 Kt, issued estimated winds are for Main Base Rwy 04-22. ATC/Wx will not include/relay wind correction into forecast/phraseology. Therefore, aircrews will incorporate a +/- 4 Kt accuracy into their decision making process for flying opr.

AIRPORT MANAGER: 805-277-1110

COMMUNICATIONS: JOSHUA APP/DEP CON 133.65 348.7

TOWER 120.7 318.1 353.6

RADIO AIDS TO NAVIGATION: NOTAM FILE EDW.

(T) **VORTAC** 116.4 EDW Chan 111 N34°58.94' W117°43.96' 260° 6.5 NM to fld. 2378/15E.

TACAN AZIMUTH unusable:

095°-115° byd 15 NM blo 2,600'

DME unusable:

095°-115° byd 15 NM blo 2,600'

EDWARDS AFB (EDW)(KEDW) AF (NASA) 6 SW UTC-8(-7DT) N34°54.49' W117°53.13'

LOS ANGELES

2311 B NOTAM FILE EDW Not insp.

H-4I, L-7C

RWY 04R-22L: H15024X300 (CONC) PCN 71 R/B/W/T HIRL

DIAP, AD

RWY 04R: PAPI(P4L)—GA 3.0° TCH 48'.

RWY 22L: REIL. PAPI(P4L)—GA 2.5° TCH 51'.

RWY 04L-22R: H12000X200 (ASPH) PCN 65 R/B/W/T

RWY 06-24: H8000X50 (CONC) PCN 48 R/B/W/T

ARRESTING GEAR/SYSTEM

RWY 04R HOOK BAK-12B(B)(1518')

HOOK BAK-12B(B) (1559') **RWY 22L**

SERVICE: FUEL 100LL, J8 OX 1, 2, 4 LGT ILS and PAPI not coincidental. **MILITARY—** JASU (A/M32C-10D) (MA-3D)

2(A/M32A/86D) (MC-5 LO-PACK) (SGNSC) (PMU-29E) 2(A/M32A-60A) **FUEL** 1 hr refuel delay can be exp. 100LL fuel avbl thru prior arng with Aero Club only DSN 525-8321, C661-275-8321. A+++, J8. **FLUID** JOAP SOAP SP PRESAIR LHOX LOX OIL O-156, O-147, O-148 **TRAN ALERT** Svc avbl 1400-0600Z± wkd. Transient svc unavbl for mult acft turns/shorties. Transportation svc avbl 1400-2330Z± wkd. Ltd fleet svc avbl. No priority basis.

MILITARY REMARKS: Opr Mon-Fri 1400-0600Z±, clsd weekends, hol and AFMC Family Days. **RSTD** Official Business Only, PPR always. PPR and airspace briefing rqr for all acft (no exceptions), Edwards PPR briefing lctd at

www.edwards.af.mil/home/r-2515-Airspace, turns thru airspace must be prior coordinate with airspae manager DSN 527-2515. All PPR rqr minimum 24 hr PN, no same day PPR avbl. PPR will not be issued more than 5 days prior to arr. All PPR valid +/- 30 min PPR time. Telephone coord rqr for PPR outside of block time. Practice apch to Edwards AFB main base rwy, North Base rwy and lake bed rwy prohibited when twr clsd. Ctc NASA flt ops call 661-276-3213 exc for PPR. Non-NASA registered acft must ctc NASA to park on NASA ramp. South Base Rwy 06-24 CLOSED SS-SR. South base Rwy 06-24 is ltd to lgt acft (12,500 lbs gross weight or less), no turbojets. Rwy 04L-22R dalgt only ops. Cargo and pax svc-(1) cargo acft rqr support must arrive prior to 0200Z±. Cargo and pax svc-(2) space A travel into Edwards AFB is not recommended due to ltd svcs. Edwards AFB does not have a pax terminal or base taxi for space A pax. Prior transportation arrangements from the base are mandatory. No dining, lodging, or transportation svcs within walking distance. Main gate is 6 miles away and nearest civ facilities (Lancaster, CA) are 35 miles away. Edwards AFB is unavbl as a prim or divert locations after public aff hours. Afd hours subject to change near fed hol, updates posted via NOTAM. Call Edwards AFB Base Ops for most current affd hrs. **CAUTION** VFR initial flown 1500' N of rwy cntrn due to steep straight in simulated flame out and shuttle apch to rwy. Pay careful attention to acft alignment on final to preclude inadvertent lgt on South base Rwy 24. Numerous unmarked/unlgtd obst surround arpt. Observer visibility rstd SW-North due bldg obstructing vision. Ocnl wx balloon launches 1.25 NM NW (aprx 290°) from twr. Use caution for UAS arrivals/departures from Rwy 04L-22R, south base Rwy 06-24, north base Rwy 06-24, the Rogers/Rosamond Lakebed Runway complex and within R-2515. Ctc ATC for UAS flt activities. BASH Phase II in effect 1 Mar-30 Apr and 15 Sep-15 Nov (see NOTAMS for specific dates). Rwy Cond Code (RwyCC) not rptd. **NS ABTMT** Rwy 22L and Rwy 22R: All IFR dep exc low performance acft (C12, T1, etc.) whose initial turn is SW-North, fly rwy hdg until 12 DME before turning on crs. **MISC** Tran acft may exp IFR separation delays entering R-2508 Complex. Tran acft exp extv refuel delays. Non-participating acft may exp significant delays while special use airspace is sanitized to allow for transit under IFR, non-participating acft plan to ARR/DEP 0200-0600Z±, 1400-1700Z±, and 1900-2100Z±. Advanced coord and apvl rqr outside abv times. Acft with DV inbd ctc PTD 40 NM out. No COMSEC avbl, aircrew ltd to own resources on arrival or in case of extensive delay. UHF equipped acft must UHF (not VHF) in pattern. No RVR capabilities. Cargo acft rqr support must arrive prior to 0200Z±. No space A pax support avbl. **CSTMS/AG/IMG** Edwards AFB may not be used as an AOE. No CSTMS or Ag inspections avbl.

AIRPORT MANAGER: 661-277-3808

COMMUNICATIONS: ATIS 149.875 269.9 (1400-0600Z±) PTD 372.2

Ⓡ **JOSHUA APP/DEP CON** 133.15

JOSHUA TOWER 120.7 318.1 353.6 (Mon-Fri 1400-0600Z±, Sat 1400-2000Z±, clsd Sun and hol)

GND CON 121.8 225.4

COMD POST (CONFORM) 304.0 **PMSV METRO** 342.4 (Full svc Mon-Fri 1300-0600Z±, Sat 1200-0200Z±, Sun 1600-0000Z± clsd hol) **NASA** 135.825 373.15

AIRSPACE: CLASS D svc 1400-0600Z± Mon-Fri, 1400-2200Z± Sat, clsd Sun & holidays other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE EDW.

(T) **VORTAC** 116.4 EDW Chan 111 N34°58.94' W117°43.96' 225° 8.8 NM to fld. 2378/15E.

TACAN AZIMUTH unusable:

095°-115° byd 15 NM blo 2,600'

DME unusable:

095°-115° byd 15 NM blo 2,600'

ILS 110.1 I-EDW Rwy 22L. ILS - 22 radar or DME rqr for localizer.

COMM/NAV/WEATHER REMARKS: Ctc NASA Flight Ops point of ctc C661-276-3213 exc for PPR. PMSV: After hrs wx briefings/updates avbl from the 25 OWS at DSN 228-6958/6599/6588 or C520-228-6958/6599/6588.

EL CENTRO NAF (NJK)(KNJK) NAF 6 NW UTC-8(-7DT) N32°49.60' W115°40.11'
-41 B NOTAM FILE NJK Not insp.

PHOENIX
H-41, L-41
DIAP, AD

RWY 08-26: H9503X200 (PEM) PCN 62 R/C/W/T HIRL

RWY 08: OLS.

RWY 26: OLS.

RWY 12-30: H6824X200 (PEM) PCN 35 R/D/W/T HIRL

ARRESTING GEAR/SYSTEM

RWY 08 HOOK E28(B) (1485')

HOOK E28(B) (1500') **RWY 26**

RWY 12 HOOK E28(B) (1570')

HOOK E28(B) (1246') **RWY 30**

SERVICE: OX 1, 2, 3, 4 LGT Carrier deck lgt avbl Rwy 08-26 and 30. **MILITARY—JASU** 1(RCPT-105) 1(NC8) **FUEL** Tran pilots exp up to 2 hr delay wo prior arng DSN 658-2425, C760-339-2425. Hot refuel avbl most acft 1630-0430Z† Mon-Thu; 1600-0200Z† Fri; 1630-2300Z† Sat; clsd Sun and hol. Hot refuel hr subj to short ntc chg, refer to NOTAM. JAA/F24. **FLUID** HPOX LOX OIL O-128-156 **TRAN ALERT** No tran svc 0700-1500Z†. Tran maint extremely ltd. Tran acft inbd with ordnance adv twr on initial ctc. Tran acft inbd with ordnance for hot refuel must safe their acft prior to hotpitting, T-line cannot safety or pin tran acft. Ltd svc avbl or large PAX acft rqr 48 hr ntc DSN 658-2655.

MILITARY REMARKS: Opr Mon-Thu 1500-0700Z†, Fri 1500-0200Z†, Sat 1500-2300Z†, CLOSED Sun and holidays. See FLIP AP/1 Supplementary Arpt Remark. **RSTD** All civilian acft and all acft that intend to RON rqr 72 hr PPR, DSN 658-2601, C760-339-2601 during scheduled field hr. **CAUTION** Inbound acft use extreme caution to avoid R2510 located 5 NM NW due to Air/Ground weapons opr and parachute drops. Extreme mid-air potential due to high density VFR general aviation tfc and crop dusters in vicinity. Avoid Imperial Co arpt 4.5 NM E uncontrolled, blo 3000' AGL. Bird activity mid Dec to mid Mar SR-SS within the adjacent fld located E and W of the arpt. Parachuting Activities/Exercises are conducted on regular basis off NJK TACAN 170/10 or IPL VORTAC 240/12. **TFC PAT** Dense fld carrier ldg practice tfc all hr. Reduced rwy separation standard in effect USN/USMC acft. **NS ABTMT** Avoid overflight housing located SW of twr and fuel farm located immediately SW apch end Rwy 30. Avoid overflight town of El Centro approximately 5 NM E, blo 5000' AGL. Numerous cattle feed lots located thru-out area, avoid overflight at low altitude. **MISC** Acft inbound make initial ctc with twr 15 NM or sooner. Air Traffic Control Tower in non-radar environment with high volume of air tfc. Improved Fresnel lens OLS avbl Rwy 08 and Rwy 26.

COMMUNICATIONS: ATIS 269.275

TOWER 119.1 360.2 (1500-0700Z† Mon-Thu; 1500-0200Z† Fri; 1500-2300Z†) **GND CON** 121.9 254.35

CLNC DEL 340.2 **PMSV METRO** 348.3

AIRSPACE: **CLASS D** svc 1500-0700Z† Mon-Thu; 1500-0200Z† f; 1500-2300Z† Sat; clsd Sun & holidays. other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE IPL.

IMPERIAL (H) VORTAC 115.9 IPL Chan 106 N32°44.93' W115°30.51' 286° 9.3 NM to fld. -18/14E.

(L) TACAN Chan 47 NJK (111.0) N32°49.91' W115°40.87' at fld. -49/11E. NOTAM FILE SAN. unmonitored when arpt clsd.

TACAN AZIMUTH unusable:

002°-052° byd 25 NM

092°-097° byd 20 NM

097°-242° byd 10 NM

242°-262° byd 30 NM

262°-272°

272°-002° byd 30 NM

DME unusable:

002°-052° byd 25 NM

092°-097° byd 20 NM

097°-242° byd 10 NM

242°-262° byd 30 NM

262°-272°

272°-002° byd 30 NM

EL MONTE

SAN GABRIEL VALLEY (EMT)(KEMT) 1 N UTC-8(-7DT) N34°05.16' W118°02.09'

296 B TPA—1296(1000) NOTAM FILE EMT

RWY 01-19: H3995X75 (ASPH-AFSC) S-12.5 MIRL 0.3% up NE

RWY 01: PAPI(P2L)—GA 4.57° TCH 70'. Thld dspclcd 290'. Pole.

RWY 19: REIL. PAPI(P2R)—GA 4.5° TCH 37'. Thld dspclcd 641'. Pole.
Rgt tfc.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 01: TORA-3504 TODA-3995 ASDA-3755 LDA-3465

RWY 19: TORA-3995 TODA-3995 ASDA-3995 LDA-3354

SERVICE: S4 FUEL 100LL, JET A LGT When twr clsd ACTIVATE MIRL

Rwy 01-19, REIL Rwy 19, and PAPI Rwy 01 and Rwy 19—CTAF.

AIRPORT REMARKS: Attended continuously. Heavy bird activity on and in/ov arpt. Lgtd water twr 1 mile west-southwest of arpt. Remain over paved channel on climbout to south and to north. Noise abatement procedures in effect, ctc arpt manager for details.

AIRPORT MANAGER: 626-448-6129

WEATHER DATA SOURCES: AWOS-3PT 118.75 (626) 444-1107.

COMMUNICATIONS: CTAF 121.2 ATIS 118.75 626-444-1107

UNICOM 122.95

Ⓡ **SOCAL APP/DEP CON** 125.5 (NE-EAST)

TOWER 121.2 (1600-0400Z±) **GND CON** 125.9

CLNC DEL For clnc del when ATCT clsd call SOCAL App (800)

448-3724.

AIRSPACE: CLASS D svc 1600-0400Z± other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE POC.

POMONA (L) VORTACW 110.4 POM Chan 41 N34°04.70' W117°47.22' 257° 12.4 NM to fld. 1266/15E.

VORTAC unusable:

300°-045° byd 20 NM

VOR portion unusable:

280°-300° byd 20 NM blo 13,000'

TACAN AZIMUTH unusable:

280°-300° byd 20 NM blo 14,000'

PARADISE (H) VORTAC 112.2 PDZ Chan 59 N33°55.10' W117°31.80' 277° 27.1 NM to fld.

1432/15E. NOTAM FILE RAL.

TACAN AZIMUTH unusable:

130°-145° byd 25 NM blo 5,000'

145°-190° blo 8,000'

190°-230° blo 10,000'

310°-325° byd 35 NM blo 10,900'

325°-345° byd 25 NM blo 11,500'

345°-360° byd 35 NM blo 10,500'

VOR unusable:

010°-015° byd 20 NM blo 10,000'

130°-145° byd 25 NM blo 5,000'

145°-190° blo 8,000'

145°-190° byd 25 NM blo 10,000'

145°-190° byd 39 NM blo 13,500'

190°-230° blo 10,000'

310°-325° byd 35 NM blo 10,900'

325°-345° byd 25 NM blo 11,500'

345°-360° byd 35 NM blo 10,500'

DME unusable:

130°-145° byd 25 NM blo 5,000'

145°-190° blo 8,000'

190°-230° blo 10,000'

310°-325° byd 35 NM blo 10,900'

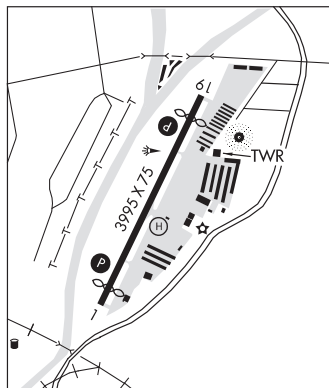
325°-345° byd 25 NM blo 11,500'

345°-360° byd 35 NM blo 10,500'

EL MONTE NDB (MHW) 359 EMT N34°05.30' W118°01.87' at fld. 305/15E. NOTAM FILE EMT. SHUTDOWN.

NDB unusable:

280°-050° byd 15 NM



LOS ANGELES

COPTER

L-3E, 4G, 7B, A

IAP, AD

EL NIDO N37°13.17' W120°24.01' NOTAM FILE MCE.

(L) **VOR/DME** 114.2 HYP Chan 89 291° 6.7 NM to Merced Rgnl/Macready Fld. 184/15E.

RCO 122.1R 114.2T (RANCHO MURIETA RADIO)

SAN FRANCISCO

H-3B, L-3B

EL TORO N33°40.56' W117°43.87' NOTAM FILE RAL.
(T) VORW/DME 117.2 ELB Chan 119 256° 6.9 NM to John Wayne Airport—Orange Co. 336/14E.
 VOR unusable:
 050°-070° byd 16 NM
 DME unusable:
 026°-070° byd 16 NM
 105°-145° byd 16 NM
 325°-010° byd 16 NM

**LOS ANGELES
 COPTER
 L-3E, 4H, A**

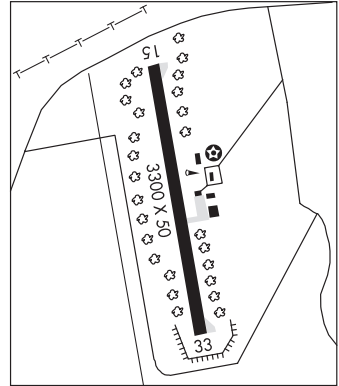
ELK HILLS—BUTTONWILLOW (See BUTTONWILLOW on page 98)

ELLS FLD—WILLITS MUNI (See WILLITS on page 244)

EMIGRANT GAP

BLUE CANYON — NYACK (BLU)(KBLU) 1 S UTC-8(-7DT) N39°16.50' W120°42.59'
 5284 B TPA—6284(1000) NOTAM FILE BLU
RWY 15-33: H3300X50 (ASPH) S-12 MIRL 1.1% up NW
RWY 15: Tree.
RWY 33: Tree.
SERVICE: LGT Rotating bcn OTS indef. MIRL Rwy 15-33 OTS indef.
 ACTIVATE rotating bcn and MIRL Rwy 15-33—CTAF.
AIRPORT REMARKS: Unattended. Arpt CLOSED SS-SR. CLOSED winters due to snow. Do not attempt to land with snow on the rwy. No snow removal svcs are provided.
AIRPORT MANAGER: 530-745-7564
WEATHER DATA SOURCES: ASOS 120.075 (530) 389-2091.
COMMUNICATIONS: CTAF 122.9
RADIO AIDS TO NAVIGATION: NOTAM FILE TVL.
SQUAW VALLEY (L) VORW/DME 113.2 SWR Chan 79 N39°10.82' W120°16.18' 270° 21.3 NM to fld. 8850/16E. **HIWAS.**

**SAN FRANCISCO
 L-3A**



EUREKA

KNEELAND (O19) 10 SE UTC-8(-7DT) N40°43.14' W123°55.63'
 2745 TPA—3545(800) NOTAM FILE OAK
RWY 15-33: H2252X50 (ASPH) S-13 0.5% up NW
RWY 15: Thld displcd 74'. Trees.
RWY 33: Thld displcd 75'. Trees.
AIRPORT REMARKS: Unattended. Day use only; CLOSED ngts. 500' drop off 25' from Rwy 15 thld, 40' drop off 40' from Rwy 33 thld.
AIRPORT MANAGER: 707-839-5401
COMMUNICATIONS: CTAF 122.9

KLAMATH FALLS

MURRAY FLD (EKA)(KEKA) 3 E UTC-8(-7DT) N40°48.20' W124°06.77'

KLAMATH FALLS

11 B TPA—811(800) NOTAM FILE OAK

L-2H

RWY 12-30: H3011X75 (ASPH) S-19 MIRL

IAP

RWY 30: VASI(V2L)—GA 4.0° TCH 26'. Rgt tfc.

SERVICE: S4 FUEL 100LL LGT ACTIVATE VASI Rwy 30; MIRL Rwy 12-30—CTAF.

AIRPORT REMARKS: Attended 1630-0130Z±. Deer occasionally on rwy. Be alert for waterfowl invof arpt. Be aware, CTAF freq shared with nearby arpt. Flight Notification Service (ADCUS) avbl.

AIRPORT MANAGER: 707-839-5401

COMMUNICATIONS: CTAF/UNICOM 122.7

EUREKA RCO 122.35 (OAKLAND RADIO)

® SEATTLE CENTER APP/DEP CON 124.85

RADIO AIDS TO NAVIGATION: NOTAM FILE FOT.

FORTUNA (L) VORTACW 114.0 FOT Chan 87 N40°40.28' W124°14.07' 016° 9.7 NM to fld. 391/19E.

VOR unusable:

060°-070° byd 35 NM blo 9,500'

150°-165° byd 25 NM blo 6,500'

165°-200° byd 25 NM blo 8,000'

280°-330° byd 20 NM blo 3,000'

330°-336° byd 20 NM

336°-350° byd 20 NM blo 3,000'

TACAN AZIMUTH unusable:

060°-070° byd 35 NM blo 9,500'

150°-165° byd 25 NM blo 5,500'

165°-200° byd 25 NM blo 8,000'

315°-325° byd 15 NM blo 5,500'

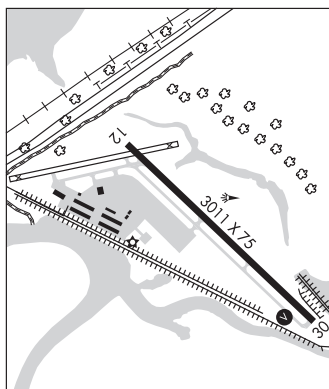
DME unusable:

060°-070° byd 35 NM blo 9,500'

150°-165° byd 25 NM blo 5,500'

165°-200° byd 25 NM blo 8,000'

315°-325° byd 15 NM blo 5,500'



SAMOA FLD (O33) 2 W UTC-8(-7DT) N40°46.85' W124°12.74'

KLAMATH FALLS

20 TPA—820(800) LRA NOTAM FILE OAK

RWY 16-34: H2700X60 (ASPH) S-10 0.4% up N

RWY 16: Rgt tfc.

AIRPORT REMARKS: Unattended. Day use only; CLOSED nghts. Ultralight activity on and invof arpt. Be aware, CTAF freq shared with nearby arpt.

AIRPORT MANAGER: 707-441-4186

COMMUNICATIONS: CTAF 122.7

EXETER (O63) 3 S UTC-8(-7DT) N36°14.55' W119°08.97'

SAN FRANCISCO

344 TPA—1144(800) NOTAM FILE RIU

RWY 13-31: H2315X40 (ASPH-TRTD)

RWY 13: Brush.

RWY 31: Road.

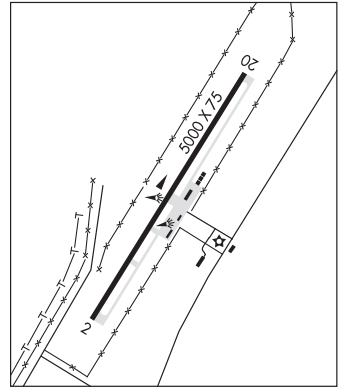
AIRPORT REMARKS: Unattended. Rwy 13-31 CLOSED indef. Rwy 13-31 width reduced to 40'.

AIRPORT MANAGER: (559) 686-3559

COMMUNICATIONS: CTAF 122.9

FALL RIVER MILLS (O89) 1 N UTC-8(-7DT) N41°01.04' W121°26.10'
 3328 B TPA—4128(800) NOTAM FILE RIU
RWY 02-20: H5000X75 (ASPH) MIRL
SERVICE: FUEL 100LL LGT ACTIVATE MIRL Rwy 02-20—CTAF.
AIRPORT REMARKS: Unattended. Parachute Jumping. Arpt CLOSED periodically winter months due to snow, call arpt manager 530-225-5661 for current conditions. Crop dusters working invof arpt Feb-Oct.
AIRPORT MANAGER: (530) 245-6844
WEATHER DATA SOURCES: AWOS-2 123.9 (530) 336-6788.
COMMUNICATIONS: CTAF/UNICOM 122.8
 RCO 122.4 (RANCHO MURIETA RADIO)
RADIO AIDS TO NAVIGATION: NOTAM FILE RDD.
REDDING (T) VOR/DME 108.4 RDD Chan 21 N40°30.27' W122°17.50' 034° 49.7 NM to fld. 496/18E.

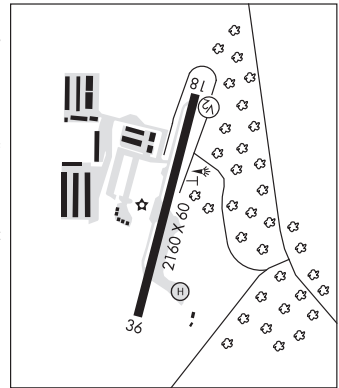
KLAMATH FALLS
 H-3B, L-2H, 11A



FALLBROOK COMMUNITY AIRPARK (L18) 2 S UTC-8(-7DT) N33°21.25' W117°15.05'
 708 B TPA—See Remarks NOTAM FILE L18
RWY 18-36: H2160X60 (ASPH-RFSC) S-12 MIRL 0.4% up NE
RWY 18: PVASI(P SIL)—GA 4.0° TCH 20°.
RWY 36: Rgt tfc.

LOS ANGELES
 L-4H
 IAP

SERVICE: S4 FUEL 100LL OX3, 4 LGT MIRL Rwy 18-36 med ints only avbl. ACTIVATE MIRL Rwy 18-36 and twy lgts—CTAF (5 clicks on, 7 clicks off).
AIRPORT REMARKS: Attended Mon-Fri 1700-2200Z. Ocnl coyote on or invof rwy and twy. Military base southwest, freq military helicopters invof arpt. AP administration bldg east side of rwy; fueling area west of afld. No safety area avbl due to abrupt drop-off each end of rwy. Noise abatement: tkfs climb straight ahead to 1200' MSL. Rwy 18 turn crosswind when abeam water tank 1.1 miles ESE of rwy. Rwy 18 extend downwind leg to allow 1/3 mile final apch. Fly downwind to east of high school. Conc helicopter pad CLOSED to unauthorized acft. TPA—1708(1000). Helicopter/rotorcraft tfc pat 1208(500). For pattern info refer to noise info on Fallbrook link at www.sdcountyairports.com. Rotorcraft fuel or parking unavbl. Rotorcraft touch and go landings rstd to rwy. Hovers, skid landings and auto-rotations prohibited. PPR for all acft over 12,000 pounds and all mil acft, ctc arpt manager. Twy hold bars NSTD distance from rwy edge. Rwy 18 calm wind rwy. Part 77 obstruction, +15' hill 100' east of Rwy 18 centerline. Tran parking located on SE corner of afld.



AIRPORT MANAGER: 760-723-8395
WEATHER DATA SOURCES: AWOS-3P 118.425 (760) 723-6073.
COMMUNICATIONS: CTAF 123.05
SOCAL APP/DEP CON 127.3
CLNC DEL For clnc del call Socal App (800) 448-3724.
RADIO AIDS TO NAVIGATION: NOTAM FILE CRQ.
OCEANSIDE (H) VORTAC 115.3 OCN Chan 100 N33°14.44' W117°25.06' 036° 10.8 NM to fld. 52/15E.
 VOR portion unusable:
 227°-265° byd 20 NM
COMM/NAV/WEATHER REMARKS: Acft shall self-announce on CTAF prior to ldg or tkof.

• • • • •
HELIPAD H1: H45X45 (ASPH-CONC)
HELIPORT REMARKS: Rstd to public safety acft.

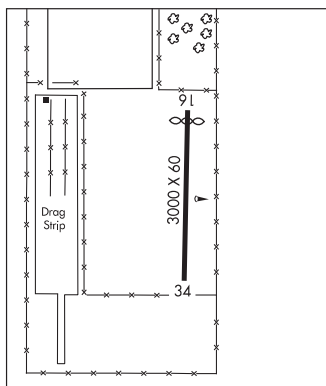
FAMOSO**POSO-KERN CO** (L73) 4 E UTC-8(-7DT) N35°35.78' W119°07.70'

635 TPA—1435(800) NOTAM FILE RIU

RWY 16-34: H3000X60 (ASPH) S-6**RWY 16:** Thld dsplcd 210'. Trees.**AIRPORT REMARKS:** Unattended. Arpt CLOSED to ngt ops. Crop dusting ops prohibited except by PPR arpt manager 661-391-1800.**AIRPORT MANAGER:** (661) 391-1824**COMMUNICATIONS:** CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE BFL.**SHAFTER (H) VORTACW** 115.4 EHF Chan 101 N35°29.07'W119°05.84' 333° 6.9 NM to fld. 549/14E. **HIWAS.**

LOS ANGELES

L-3D, 7B

**FELLOWS** N35°05.59' W119°51.93' NOTAM FILE RIU.**(L) VOR/DME** 117.5 FLW Chan 122 120° 12.8 NM to New Cuyama. 3870/16E.

VOR unusable:

030°-070° byd 25 NM blo 8,500'

145°-215° byd 25 NM blo 9,500'

RCO 122.1R 117.5T (RANCHO MURIETA RADIO)

LOS ANGELES

H-4H, L-3D, 7A

FILLMORE N34°21.40' W118°52.88' NOTAM FILE HHR.**(L) VORTAC** 112.5 FIM Chan 72 216° 13.6 NM to Camarillo. 2200/15E.

VOR unusable:

280°-315° byd 20 NM blo 11,000'

280°-315° byd 31 NM blo 14,000'

315°-360° byd 25 NM blo 14,000'

TACAN AZ unusable:

265°-275° byd 15 NM

280°-310° byd 20 NM blo 14,000'

310°-360° byd 25 NM blo 14,000'

TACAN DME unusable:

265°-275° byd 15 NM

280°-315° byd 20 NM blo 11,000'

280°-315° byd 31 NM blo 14,000'

315°-360° byd 25 NM blo 14,000'

RCO 122.1R 112.5T (HAWTHORNE RADIO)

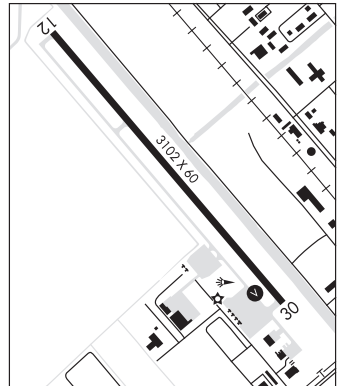
LOS ANGELES

COPTER

H-4H, L-3E, 4G, 7B, A

FIREBAUGH (F34) 1 W UTC-8(-7DT) N36°51.60' W120°27.87'
 157 B TPA-1007(850) NOTAM FILE RIU
RWY 12-30: H3102X60 (ASPH) S-12 MIRL
RWY 12: Road. Rgt tfc.
RWY 30: VASI(V2L)—GA 3.0° TCH 29'. Road.
SERVICE: LGT ACTIVATE MIRL Rwy 12-30 and VASI Rwy 30—CTAF.
AIRPORT REMARKS: Unattended.
AIRPORT MANAGER: 559-659-2043
COMMUNICATIONS: CTAF 122.9
PANOCHÉ RCO 122.1R (FRESNO RADIO)
 Ⓡ **NORCAL APP/DEP CON** 120.95
RADIO AIDS TO NAVIGATION: NOTAM FILE RIU.
PANOCHÉ (L) VORTAC 112.6 PXN Chan 73 N36°42.93'
 W120°46.72' 044° 17.4 NM to fld. 2060/16E.
VOR unusable:
 230°-280° byd 7NM blo 9,000'
COMM/NAV/WEATHER REMARKS: For Cinc Del ctc Norcal Apch at
 916-361-6874.

SAN FRANCISCO
 L-3C
 IAP



FLABOB (See RIVERSIDE(RUBIDOUX) on page 196)

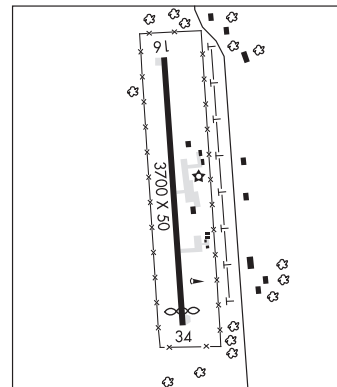
FORT BIDWELL (A28) 1 N UTC-8(-7DT) N41°52.59' W120°08.80'
 4616 TPA-5416(800) NOTAM FILE RNO
RWY 16-34: 3660X50 (GRVL-DIRT) 1.1% up N
RWY 16: Road.
RWY 34: Brush.
AIRPORT REMARKS: Unattended. No snow removal. Rwy not regularly maintained, gravel and rocks up to 4 inch diameter on rwy. +4' fence, 120' East of rwy centerline for entire length of rwy.
AIRPORT MANAGER: (530) 233-6412
COMMUNICATIONS: CTAF 122.9

KLAMATH FALLS

FORT JONES

SCOTT VALLEY (A30) 3 S UTC-8(-7DT) N41°33.47' W122°51.30'
 2728 B TPA-3528(800) NOTAM FILE RIU
RWY 16-34: H3700X50 (ASPH) S-12 MIRL
RWY 16: Tree. Rgt tfc.
RWY 34: Thld dsplcd 200'.
SERVICE: FUEL 100LL LGT ACTIVATE MIRL Rwy 16-34—CTAF.
AIRPORT REMARKS: Unattended. US Forest Svc fire activity May thru Sep.
AIRPORT MANAGER: (530) 842-8220
COMMUNICATIONS: CTAF/UNICOM 122.8
RADIO AIDS TO NAVIGATION: NOTAM FILE RIU.
FORT JONES (L) VOR/DME 109.6 FJS Chan 33 N41°26.98'
 W122°48.39' 322° 6.8 NM to fld. 4900/19E. **HIWAS.**
VOR unusable:
 080°-135° byd 19 NM
 080°-135° byd 9 NM blo 13,000'
 190°-300° byd 19 NM
 200°-300° byd 8 NM blo 14,000'
DME unusable:
 190°-275° byd 19 NM blo 16,000'
COMM/NAV/WEATHER REMARKS: Unicom ops not continuous, located in pilot lounge.

KLAMATH FALLS
 L-21



FORT JONES N41°26.98' W122°48.39' NOTAM FILE RIU.
(L) **VOR/DME** 109.6 FJS Chan 33 322° 6.8 NM to Scott Valley. 4900/19E. **HIWAS.**

KLAMATH FALLS
L-21

VOR unusable:
080°-135° byd 19 NM
080°-135° byd 9 NM blo 13,000'
190°-300° byd 19 NM
200°-300° byd 8 NM blo 14,000'
DME unusable:
190°-275° byd 19 NM blo 16,000'
RCO 122.1R 109.6T (RANCHO MURIETA RADIO)

FORTUNA

ROHNERVILLE (FOT)(KFOT) 3 SE UTC-8(-7DT) N40°33.24' W124°07.96'

KLAMATH FALLS

393 B TPA-1193(800) NOTAM FILE FOT

L-2H

RWY 11-29: H4005X100 (ASPH) S-30 MIRL 1.3% up SE

IAP

RWY 11: REIL. VASI(V4R)-GA 3.0° TCH 45'. Rgt tfc.

RWY 29: REIL.

SERVICE: **FUEL** 100LL **LGT** Bcn dusk-dawn. **ACTIVATE** REIL Rwy 11 and Rwy 29, MIRL Rwy 11-29-CTAF.

AIRPORT REMARKS: Unattended. Deer invof rwys.

AIRPORT MANAGER: 707-839-5401

WEATHER DATA SOURCES: **AWOS-3** 133.8 (707) 725-2909.

COMMUNICATIONS: CTAF 122.9

CRESCENT CITY RCO 122.3 (OAKLAND RADIO)

Ⓡ **SEATTLE CENTER APP/DEP CON** 124.85

RADIO AIDS TO NAVIGATION: NOTAM FILE FOT.

FORTUNA (L) VORTACW 114.0 FOT Chan 87 N40°40.28' W124°14.07' 127° 8.4 NM to fld. 391/19E.

VOR unusable:
060°-070° byd 35 NM blo 9,500'
150°-165° byd 25 NM blo 6,500'
165°-200° byd 25 NM blo 8,000'
280°-330° byd 20 NM blo 3,000'
330°-336° byd 20 NM
336°-350° byd 20 NM blo 3,000'
TACAN AZIMUTH unusable:
060°-070° byd 35 NM blo 9,500'
150°-165° byd 25 NM blo 5,500'
165°-200° byd 25 NM blo 8,000'
315°-325° byd 15 NM blo 5,500'
DME unusable:
060°-070° byd 35 NM blo 9,500'
150°-165° byd 25 NM blo 5,500'
165°-200° byd 25 NM blo 8,000'
315°-325° byd 15 NM blo 5,500'

FORTUNA N40°40.28' W124°14.07' NOTAM FILE FOT.

KLAMATH FALLS

(L) **VORTACW** 114.0 FOT Chan 87 016° 9.7 NM to Murray Fld. 391/19E.

H-3A, L-2H

VOR unusable:
060°-070° byd 35 NM blo 9,500'
150°-165° byd 25 NM blo 6,500'
165°-200° byd 25 NM blo 8,000'
280°-330° byd 20 NM blo 3,000'
330°-336° byd 20 NM
336°-350° byd 20 NM blo 3,000'
TACAN AZIMUTH unusable:
060°-070° byd 35 NM blo 9,500'
150°-165° byd 25 NM blo 5,500'
165°-200° byd 25 NM blo 8,000'
315°-325° byd 15 NM blo 5,500'
DME unusable:
060°-070° byd 35 NM blo 9,500'
150°-165° byd 25 NM blo 5,500'
165°-200° byd 25 NM blo 8,000'
315°-325° byd 15 NM blo 5,500'

FRANKLIN FLD (F72) 4 SE UTC-8(-7DT) N38°18.24' W121°25.76'

SAN FRANCISCO

23 TPA—1023(1000) NOTAM FILE RIU

L-2F, 3A

RWY 18-36: H3123X60 (ASPH) S-30

RWY 36: Rgt tfc.

RWY 09-27: H3031X60 (ASPH) S-30

RWY 09: Rgt tfc.

AIRPORT REMARKS: Unattended. Ultralights activity invof arpt. Monitor 122.9 within 5 miles. Extensive student training in area. Conduct helicopter training N of Rwy 09 and W of Rwy 36. Avoid overflight of detention facility on E side of arpt except in emerg. Calm wind Rwy 18. All rwys limited to 12,500 lbs gross weight.

AIRPORT MANAGER: 916-875-9035

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE SAC.

SACRAMENTO (H) VORTACW 115.2 SAC Chan 99 N38°26.62' W121°33.10' 128° 10.2 NM to fld. 3/17E.

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc Norcal Apch at 916-361-6874.

FRAZIER LAKE AIRPARK (See HOLLISTER on page 140)

FRENCH VALLEY (See MURRIETA/TEMECULA on page 170)

FRESNO

FRESNO CHANDLER EXECUTIVE (FCH)(KFCH) 2 W UTC-8(-7DT) N36°43.93' W119°49.22'

SAN FRANCISCO

280 B TPA—See Remarks NOTAM FILE FCH

L-3C, 9A

RWY 12-30: H3627X75 (ASPH) S-17 MIRL

IAP, AD

RWY 12: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Thld dsplcd 415'. Road. Rgt tfc.

RWY 30: REIL. PAPI(P4R)—GA 3.0° TCH 40'. Thld dsplcd 538'. Road.

SERVICE: S2 FUEL 100LL LGT ACTIVATE MIRL Rwy 12-30, REIL Rwy 12 and Rwy 30, PAPI Rwy 12 and Rwy 30 and twy lgts—CTAF.

AIRPORT REMARKS: Attended 1600-0100Z±. 100LL fuel avbl 24 hrs.

Numerous birds invof arpt, bird activity crow. Rwy 30 calm wind rwy when wind reported by AWOS less than 5 kts. TPA-VFR Heliport 800(520), VFR 1300(1020). Practice ldg and low apchs and touch and go ldg or stop-and-go ops authorized only between 1500-0600Z±. Rwy 12 practice ldg and low apchs and touch and go ldg or stop-and-go ops not permitted due to noise sensitive residential areas southeast of arpt. After tkf climb on rwy heading until passing 800' MSL, for safety and noise abatement initial climb out at best rate-of-climb recommended.

AIRPORT MANAGER: (559) 621-4508

WEATHER DATA SOURCES: AWOS-3 135.225 (559) 488-1040.

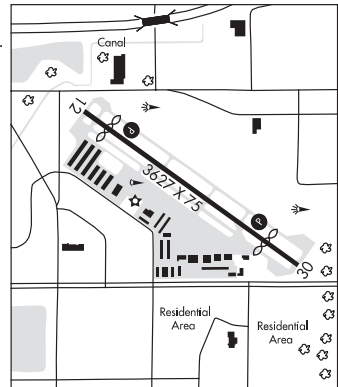
COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ APP CON 119.0 119.6

Ⓡ DEP CON 119.0

RADIO AIDS TO NAVIGATION: NOTAM FILE FAT.

CLOVIS (H) VORTACW 112.9 CZQ Chan 76 N36°53.06' W119°48.91' 167° 9.1 NM to fld. 360/15E.



FRESNO YOSEMITE INTL (FAT)(KFAT) P (ANG ARNG) 5 NE UTC-8(-7DT) N36°46.59' W119°43.13'

SAN FRANCISCO
H-3B, L-3C, 9A
IAP, AD

336 B TPA—See Remarks LRA Class I, ARFF Index B NOTAM FILE FAT

RWY 11L-29R: H9539X150 (ASPH-GRVD) S-70, D-170, 2S-175,

2D-250 PCN 75 F/A/X/T HIRL CL

RWY 11L: REIL. PAPI(P4L)—GA 3.0° TCH 50'. RVR-TMR Pole.

RWY 29R: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 76'. RVR-TMR Thld dspcd 312'. Road. Rgt tfc.

RWY 11R-29L: H8008X150 (ASPH-GRVD) S-70, D-170, 2S-175,

2D-250 PCN 44 F/A/X/T MIRL

RWY 11R: REIL. Rgt tfc.

RWY 29L: PAPI(P4L)—GA 3.0° TCH 50'.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 11L:TORA-9539 TODA-9539 ASDA-9279 LDA-9279

RWY 29R:TORA-9539 TODA-9539 ASDA-9539 LDA-9227

ARRESTING GEAR/SYSTEM

RWY 11L BAK-14 BAK-12B(B) (1500')

BAK-14 BAK-12B(B) (1310') **RWY 29R**

SERVICE: S4 FUEL 100, JET A, A++ OX 1, 3, 4

MILITARY—A-GEAR Rwy 29R and 11L A-GEAR cable avbl upon req only; default position down. **JASU** (AM32A-60) 2(AGPU) FUEL A++, A, A+ (avbl 1400-0600Z±, OT C559-981-2490 or C559-251-1555, fee \$100 per hr, 1 hr PN rqr.) (NC-100) **FLUID SP PRESAIR OIL** O-133-148 SOAP

AIRPORT REMARKS: Attended continuously. Numerous birds in/ovf arpt. Possible wake turbulence or wind shear arrival to Rwy 29L or departure from Rwy 11R. Jet testing conducted at ANG ramp located at southeast corner of arpt. Fee for acft over 12,500 lbs. gross weight. Retractable BAK-12/14 avbl on Rwy 11L and Rwy 29R are kept in recessed position until req for use, twr must be notified at least 5 seconds prior to engagement so that the A-Gear cable may be raised. Fresno Yosemite Intl is noise sensitive, NS ABTMT procedure in effect. No multiple apchs and ldg 0600-1500Z± Mon thru Sat, 0200-1800Z± Sun. Rwy 11L 1000' blast pad, Rwy 29R 850' blast pad, Rwy 11R 1,000' blast pad. Rwy 29L 1,000' blast pad. TPA-1303 (967) single engine acft, 1803 (1467) multi engine acft, 2303 (1967) turbojet, 803(467) helicopters. Lgtd rwy distance remaining markers on south side of Rwy 11R-29L, lgtd rwy distance remaining markers both sides of Rwy 11L-29R. Rwy 11L distance remaining marker on northside, Rwy 29R distance remaining marker on south side. Ldg fee for acft over 12,500 lbs. Flight Notification Service (ADCUS) available.

MILITARY REMARKS: See FLIP AP/1 Supplementary Arpt Information. **CAUTION** Bird haz. **ANG** Opr 1500-2300Z±, clsd Sat, Sun and holidays. Jet acft using Rwy 29R rgt hand break and tfc pat. RVR avbl ANG Ops during normal duty hr DSN 839-5194. Ltd tran svc. Sensitive noise area. For briefing call ANG Ops. PPR avbl ANG OPS dur normal duty hr DSN 839-5194. Advise ANG OPS when arriving and departing. Copter expect refuel delay. No copter opr on ANG ramp. Afd manager does not issue or store Communications Security (COMSEC) materials for tran crews. Tmpy storage of classified materials up to SECRET at Comd Post. Ctc ANG OPS for lcl bird watch cond (BWC). **ARNG** PPR for all acft inbound to FAAFA or AVCRAD, phone DSN 686-5540/5545, C559-347-5540/5545. Aviation intermediate maintenance ltd depot opr 1530-2400Z± Mon-Fri exc holidays, phone DSN 686-5511/5506.

AIRPORT MANAGER: 559-621-4500

WEATHER DATA SOURCES: ASOS (559) 255-3413

COMMUNICATIONS: ATIS 121.35 UNICOM 122.95

RCO 122.55 (RANCHO MURIETA RADIO)

① **APP/DEP CON** 132.35 (091°-239°) 119.6 (240°-090°) 118.5 (S/SE VISALIA AREA) 268.7 323.25 351.95

TOWER 118.2 **GND CON** 121.7 **CLNC DEL** 124.35

AIRSPACE: CLASS C svc ctc **APP CON**

RADIO AIDS TO NAVIGATION: NOTAM FILE FAT.

CLOVIS (H) VORTACW 112.9 CZQ Chan 76 N36°53.06' W119°48.91' 129° 8.0 NM to fld. 360/15E.

LOC/DME 111.3 I-RPW Chan 50 Rwy 11L. LOC unusable byd 27° each side of LOC course. DME also serves Rwy 29R.

ILS/DME 111.3 I-FAT Chan 50 Rwy 29R. Class IIIE. DME also serves Rwy 11L.

SIERRA SKY PARK (E79) 7 NW UTC-8(-7DT) N36°50.41' W119°52.16'

SAN FRANCISCO

321 TPA-1300(979) NOTAM FILE RIU

RWY 12-30: H2473X50 (ASPH) LIRL 0.3% up SE

RWY 12: Thld dspcd 90'. Road. Rgt tfc.

RWY 30: PAPI(P2L)—GA 3.0° TCH 20'. Thld dspcd 90'. Road.

AIRPORT REMARKS: Unattended.

AIRPORT MANAGER: 559-436-2015

COMMUNICATIONS: CTAF 122.9

FRIANT N37°06.27' W119°35.73' NOTAM FILE RIU.

SAN FRANCISCO
H-3B, L-3C, 9A

(L) **VORTACW** 115.6 FRA Chan 103 180° 20.5 NM to Fresno Yosemite Intl. 2380/17E. **HIWAS.**

FULLERTON MUNI (FUL)(KFUL) 3 W UTC-8(-7DT) N33°52.32' W117°58.79'
 96 B TPA-1100(1004) NOTAM FILE FUL

**LOS ANGELES
 COPTER**
 L-3E, 4H, A
 IAP, AD

RWY 06-24: H3121X75 (ASPH) S-12.5 MIRL 0.3% up E
RWY 06: REIL. PVASI(PSIL)—GA 4.0° TCH 32'. Thld dspcd 427'. Tree.
RWY 24: MALSR. REIL. PAPI(P4L)—GA 4.0° TCH 33'. Thld dspcd 253'. Tree. Rgt tfc.

SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 3 **LGT** Rwy 24 MALSR NSTD with 5 rail, no steady burning lamps. When twr clsd **ACTIVATE** MALSR Rwy 24; REIL Rwy 06 and Rwy 24; PVASI Rwy 06; MIRL Rwy 06-24; twy lghts—CTAF.

AIRPORT REMARKS: Attended 1500-0500Z†. Lgtd 750' twr 1.75 miles west of arpt on heading of 285° from arpt. Arpt has noise abatement procedures ctc arpt manager 714-738-6323. Rwy 06 calm wind rwy. For noise abatement Rwy 06 preferred for txf, follow railroad tracks to east with no turns blo 1000' AGL. Rwy 24 departure climb to 700' AGL prior to turns. Portions of Twy A between intersection F and west end not visible from twr.

AIRPORT MANAGER: 714-738-6323

WEATHER DATA SOURCES: ASOS (714) 870-1372

COMMUNICATIONS: CTAF 119.1 ATIS 125.05 714-870-6222

UNICOM 122.95

SANTA ANA RCO 122.45 (RIVERSIDE RADIO)

® **SOCAL APP/DEP CON** 125.35

TOWER 119.1 (1500-0500Z†) **GND CON** 121.8

CLNC DEL For clnc del when ATCT clsd call Socal App (800) 448-3724.

AIRSPACE: CLASS D svc 1500-0500Z† other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE SLI.

SEAL BEACH (L) VORTACW 115.7 SLI Chan 104 N33°47.00' W118°03.29' 020° 6.5 NM to fld. 22/15E. **HIWAS.**

VOR unusable:

125°-180° byd 30 NM blo 4,000'

TACAN AZIMUTH unusable:

125°-195° byd 20 NM blo 5,000'

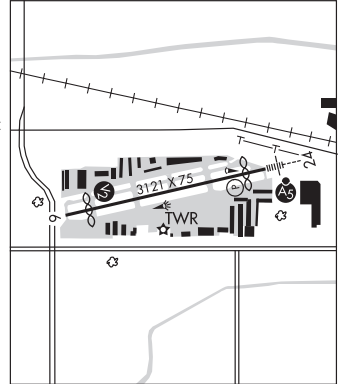
DME unusable:

125°-195° byd 20 NM blo 5,000'

LOG/DME 108.9 I-FUL Chan 26 Rwy 24. Unmonitored when ATCT clsd.



HELIPAD H1: H37X37 (CONC)



FURNACE CREEK (See DEATH VALLEY NATIONAL PARK on page 115)

GANSNER FLD (See QUINCY on page 190)

GARBERVILLE (O16) 2 SW UTC-8(-7DT) N40°05.13' W123°48.85'

KLAMATH FALLS

550 TPA—1550(1000) NOTAM FILE OAK

L-2H

RWY 18-36: H2783X75 (ASPH) S-30 0.5% up S**RWY 18:** Hill.**RWY 36:** Trees. Rgt tfc.**SERVICE:** FUEL 100LL**AIRPORT REMARKS:** Unattended. 100LL fuel avbl with credit card 24 hours.

Day use only; CLOSED ngts. Terrain slopes up from the end of Rwy 36 approximately 12' before dropping off.

AIRPORT MANAGER: 707-839-5401**WEATHER DATA SOURCES:** AWOS-2 133.0 (707) 923-4291.**COMMUNICATIONS:** CTAF 122.9**RCO 122.3** (OAKLAND RADIO)**RADIO AIDS TO NAVIGATION:** NOTAM FILE FOT.**FORTUNA (L) VORTACW** 114.0 FOT Chan 87 N40°40.28'

W124°14.07' 132° 40.1 NM to fid. 391/19E.

VOR unusable:

060°-070° byd 35 NM blo 9,500'

150°-165° byd 25 NM blo 6,500'

165°-200° byd 25 NM blo 8,000'

280°-330° byd 20 NM blo 3,000'

330°-336° byd 20 NM

336°-350° byd 20 NM blo 3,000'

TACAN AZIMUTH unusable:

060°-070° byd 35 NM blo 9,500'

150°-165° byd 25 NM blo 5,500'

165°-200° byd 25 NM blo 8,000'

315°-325° byd 15 NM blo 5,500'

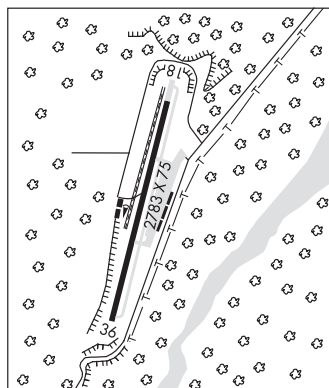
DME unusable:

060°-070° byd 35 NM blo 9,500'

150°-165° byd 25 NM blo 5,500'

165°-200° byd 25 NM blo 8,000'

315°-325° byd 15 NM blo 5,500'

**GASQUET****WARD FLD** (Ø09) 1 W UTC-8(-7DT) N41°50.74' W123°59.09'

KLAMATH FALLS

356 TPA—1156(800) NOTAM FILE OAK

RWY 06-24: H2990X50 (ASPH) S-12**RWY 06:** Thld dsplcd 500'. Trees.**RWY 24:** Thld dsplcd 490'. Trees.**AIRPORT REMARKS:** Unattended. Arpt CLOSED SS-SR. Arpt sfc conditions not reported. No ngts ops authorized. Arpt in canyon, high mountains and trees surrounds arpt, mountain flying experience strongly recommended.**AIRPORT MANAGER:** 707-464-7288**COMMUNICATIONS:** CTAF 122.9**GAVIOTA** N34°31.88' W120°05.47' NOTAM FILE HHR.

LOS ANGELES

(L) VORTACW 113.8 GVO Chan 85 277° 20.3 NM to Lompoc. 2616/16E.

H-4H, L-3D, 4F, 7A

VORTAC unusable:

117°-137° byd 35 NM

310°-095° byd 10 NM blo 8,500'

360°-095° byd 20 NM blo 12,500'

GENERAL WM J FOX AIRFIELD (See LANCASTER on page 147)**GEORGETOWN** (E36) 2 NW UTC-8(-7DT) N38°55.27' W120°51.89'

SAN FRANCISCO

2625 B TPA—3425(800) NOTAM FILE RIU

RWY 16-34: H2979X62 (ASPH) S-22 MIRL**RWY 16:** PAPI(P2L)—GA 3.0° TCH 20'. Thld dsplcd 190'. Trees.**RWY 34:** Trees.**SERVICE:** S3 FUEL 100LL LGT ACTIVATE PAPI Rwy 16; MIRL Rwy 16-34—CTAF.**AIRPORT REMARKS:** Attended 1600-0100Z†. Trees 800' southwest of Rwy 16-34 2723' MSL (100' AGL) not lgtd.**AIRPORT MANAGER:** (530) 622-0459**COMMUNICATIONS:** CTAF/UNICOM 123.05**COMM/NAV/WEATHER REMARKS:** For clnc del ctc Norcal apch at 916-361-6874.**GILLESPIE FLD** (See SAN DIEGO/EL CAJON on page 209)

GNOSS FLD (See NOVATO on page 173)

GOFFS N35°07.87' W115°10.59' NOTAM FILE RAL.

LOS ANGELES
H-41, L-7E

(L) **VORTAC** 114.4 GFS Chan 91 020° 22.9 NM to Searchlight. 4000/15E.

VOR unusable:

- 035°-045° byd 5 NM blo 17,500'
- 200°-235° byd 30 NM blo 8,700'
- 235°-260° byd 25 NM blo 7,400'
- 260°-290° byd 25 NM blo 8,000'
- 290°-320° byd 20 NM blo 9,500'
- 320°-010° byd 30 NM blo 8,500'

DME unusable:

- 200°-235° byd 30 NM blo 8,700'
- 235°-260° byd 25 NM blo 7,400'
- 260°-290° byd 25 NM blo 8,000'
- 290°-320° byd 20 NM blo 9,500'
- 320°-010° byd 30 NM blo 8,500'

TACAN AZIMUTH unusable:

- 200°-235° byd 30 NM blo 8,700'
- 235°-260° byd 25 NM blo 7,400'
- 260°-290° byd 25 NM blo 8,000'
- 290°-320° byd 20 NM blo 9,500'
- 320°-010° byd 30 NM blo 8,500'

RCO 122.05R 114.4T (RIVERSIDE RADIO)

GORMAN N34°48.24' W118°51.68' NOTAM FILE RIU.

LOS ANGELES
H-41, L-3D, 4G, 7B

(L) **VORTAC** 116.1 GNM Chan 108 081° 32.0 NM to General Wm J Fox Airfield. 4920/16E.

VORTAC unusable:

- 190°-220° byd 27 NM blo 9,500'
- 220°-255° byd 10 NM
- 220°-255° byd 8 NM blo 13,000'
- 255°-280° byd 20 NM blo 10,500'
- 280°-300° byd 15 NM blo 8,000'

RCO 122.1R 116.1T (RANCHO MURIETA RADIO)

GRASS VALLEY

NEVADA CO (GOO)(KG00) 3 E UTC-8(-7DT) N39°13.44' W121°00.15'

SAN FRANCISCO
L-2G, 3A
IAP, AD

3158 B TPA—4158(1000) NOTAM FILE GOO

RWY 07-25: H4657X75 (ASPH) S-30 MIRL 1.9% up E

RWY 07: REIL. VASI(V4L)—GA 3.0° TCH 40'. Trees.

RWY 25: REIL. VASI(V2L)—GA 3.5° TCH 37'. Thld dspcd 304'. Pole.

SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 2 **LGT** ACTIVATE VASI Rwy 07 and Rwy 25, MIRL Rwy 07-25—CTAF.

AIRPORT REMARKS: Attended 1600-0400Z±. Rwy 07-25 slopes downhill to west, recommend tkf Rwy 25.

AIRPORT MANAGER: 530-273-3374

WEATHER DATA SOURCES: AWOS-3 121.325 (530) 273-0029.

COMMUNICATIONS: CTAF/UNICOM 122.725

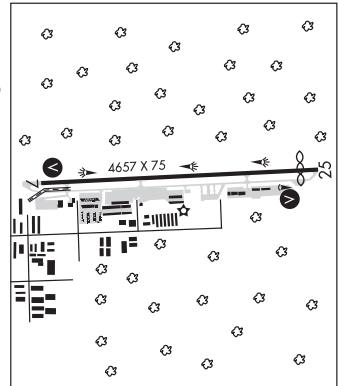
Ⓡ **NORCAL APP/DEP CON** 125.4

RADIO AIDS TO NAVIGATION: NOTAM FILE MYV.

MARYSVILLE (T) VOR/DME 110.8 MYV Chan 45 N39°05.92'

W121°34.38' 058° 27.7 NM to fld. 62/16E.

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc Norcal Appch at 916-361-6874.



GRAVELLY VALLEY (See UPPER LAKE on page 238)

GROVELAND

PINE MOUNTAIN LAKE (E45) 3 NE UTC-8(-7DT) N37°51.70' W120°10.71' **SAN FRANCISCO**
 2933 B TPA—3933(1000) NOTAM FILE RIU **L-3B**
RWY 09-27: H3624X50 (ASPH) S-12 MIRL 1.1% up SE **IAP**
RWY 09: VASI(V2L)—GA 4.5° TCH 24'. Trees.
RWY 27: PAPI(P2L)—GA 4.0° TCH 21'. Trees. Rgt tfc.
SERVICE: FUEL 100LL LGT PAPI RWY 27 unusable byd 7° left and right of centerline. ACTIVATE MIRL Wry 09-27—CTAF.
AIRPORT REMARKS: Unattended. Fuel 24 hr self-svc. Arpt advisories unavailable through UNICOM. Deer on and invof arpt at all times. Electrified 6' high frangible deer fence on both sides of rwy between rwy and twy. Transient parking avbl. Fee for overnight parking.
AIRPORT MANAGER: 209-533-5685
COMMUNICATIONS: CTAF 122.9
OAKLAND CENTER APP/DEP CON 121.25
RADIO AIDS TO NAVIGATION: NOTAM FILE MOD.
MODESTO (H) VOR/DME 114.6 MOD Chan 93 N37°37.64' W120°57.47' 052° 39.7 NM to fld. 93/17E.
 aerobatic acft wi an area defined as .5 NM rds of MOD 032028 (7.5 NM SW 022), blo 4800', avoidance advised dly SR-SS

GUADALUPE N34°57.14' W120°31.29' NOTAM FILE HHR. **LOS ANGELES**
 (T) VOR 111.0 GLJ 119° 4.4 NM to Santa Maria Pub/Capt G Allan Hancock Fld. 167/16E. **L-3D, 4F, 7A**
 VOR unusable:
 300°-325° byd 10 NM blo 3,000'
RCO 122.1R 111.0T (HAWTHORNE RADIO)

GUALALA

OCEAN RIDGE (E55) 3 N UTC-8(-7DT) N38°48.10' W123°31.84' **SAN FRANCISCO**
 940 NOTAM FILE OAK
RWY 13-31: H2500X50 (ASPH) S-4 LIRL
RWY 13: Thld dsplcd 400'. Trees.
RWY 31: Thld dsplcd 300'. Trees. Rgt tfc.
AIRPORT REMARKS: Unattended. Rwy 13-31 CLOSED at night. Rwy 13-31 CLOSED to jets and ultralights. Rwy 13-31 CLOSED to acft over 8,000 lbs allowable tkf gross weight. Rwy 13-31 CLOSED to touch and go ldgs. Deer frequently on rwy. Rwy 13 +60-90' trees 0-200' from thld, 125' left and rgt, and Rwy 31 +60-90' trees 0-200' from thld, 125' left and rgt. Acft not visible from opposite ends of rwy due to downward sloping terrain from rwy midpoint south to rwy apch end of Rwy 31 (approximately 15' drop). Full stop ldgs only, Rwy 13-31 intersection tkfs prohibited. Back taxi required Rwy 13. Full length tkf only Rwy 13-31. Rwy safety areas have protruding or depressed drainage areas. Safety area South end has 100+ ft dropoff. Rwy 13-31 undulated. Extreme turbulence in windy conditions. Calm wind Rwy 31. NSTD rwy lgts for emerg use only cal 707-884-3573/3579.
AIRPORT MANAGER: (707) 884-3579
COMMUNICATIONS: CTAF/UNICOM 122.8

GUSTINE (301) 2 E UTC-8(-7DT) N37°15.63' W120°57.86' **SAN FRANCISCO**
 79 B TPA—879(800) NOTAM FILE RIU **L-2F, 3B**
RWY 18-36: H3207X60 (ASPH) S-12 MIRL
RWY 18: PAPI(P2L)—GA 3.0° TCH 40'. Road.
RWY 36: PAPI(P2L)—GA 3.0° TCH 40'. P-line.
SERVICE: FUEL 100LL LGT MIRL Rwy 18-36 preset low ints, to increase ints ACTIVATE CTAF. ACTIVATE PAPI Rwy 18 and PAPI Rwy 36 CTAF 5 clicks.
AIRPORT REMARKS: Unattended. Automated credit card fuel system 24 hrs. Bird activity invof arpt. 675 X 50 paved rwy safety area at north end of rwy unusable for tkof/ldg.
AIRPORT MANAGER: 209-854-6183
COMMUNICATIONS: CTAF 122.9
RADIO AIDS TO NAVIGATION: NOTAM FILE MOD.
MODESTO (H) VOR/DME 114.6 MOD Chan 93 N37°37.64' W120°57.47' 164° 22.0 NM to fld. 93/17E.
 aerobatic acft wi an area defined as .5 NM rds of MOD 032028 (7.5 NM sw o22), blo 4800¥, avoidance advised dly sr-ss
COMM/NAV/WEATHER REMARKS: For clnc del ctc Norcal apch at 916-361-0516.

HAIH FLD (See ORLAND on page 177)

HALF MOON BAY (HAF)(KHAF) 5 NW UTC-8(-7DT) N37°30.81' W122°30.07'
 66 B TPA-999(933) NOTAM FILE OAK
RWY 12-30: H5000X150 (ASPH-CONC) S-30, D-200, 2D-360 MIRL 0.7% up NW
RWY 12: PAPI(P2L)—GA 3.0° TCH 24'. Thld dsplcd 752'. Trees.
RWY 30: REIL. PAPI(P2L)—GA 3.0° TCH 24'. Thld dsplcd 762'. Trees. Rgt tfc.
SERVICE: S2 **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 12-30, REIL Rwy 30, PAPI Rwy 12 and PAPI Rwy 30—122.8.
AIRPORT REMARKS: Attended 1600-0100Z†. Fuel avbl 24 hrs self service. Arprt noise sensitive areas NW through NE. No straight-in apchs, departures climb to 433' AGL before turning. Unexpected turbulent conditions may be encountered while on final approach to Rwy 12. Twys, aprons and tiedowns 12,500 lbs maximum.
AIRPORT MANAGER: 650-573-3700
WEATHER DATA SOURCES: AWOS-3 127.275 (650) 728-5649.

SAN FRANCISCO
 H-3B, L-2F, 3B, A
 IAP

COMMUNICATIONS: CTAF/UNICOM 122.8

® **NORCAL APP/DEP CON** 135.1

RADIO AIDS TO NAVIGATION: NOTAM FILE SFO.

SAN FRANCISCO (L) VOR/DME 115.8 SFO Chan 105 N37°37.17' W122°22.43' 207° 8.8 NM to fld. 7/17E.
 VOR DME unusable:

- 025°-065° byd 30 NM blo 18,000'
- 035°-055° byd 12 NM blo 6,500'
- 150°-190° byd 25 NM blo 4,500'
- 190°-260° byd 10 NM blo 4,500'
- 260°-295° byd 35 NM blo 3,000'
- 295°-330° byd 20 NM blo 8,000'

COMM/NAV/WEATHER REMARKS: For clnc del ctc Norcal apch at 916-361-3829.

HALSEY FLD (See NORTH ISLAND NAS (HALSEY FLD) on page 172)

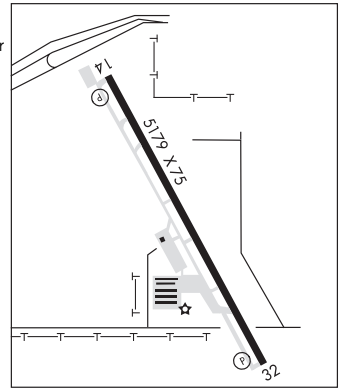
HANFORD MUNI (HJO)(KHJO) 1 SE UTC-8(-7DT) N36°19.00' W119°37.66'
 240 B TPA-1240(1000) NOTAM FILE HJO
RWY 14-32: H5179X75 (ASPH) S-30, D-45 MIRL
RWY 14: PAPI(P4R)—GA 3.5° TCH 25'. Road.
RWY 32: REIL. PAPI(P4L)—GA 3.0° TCH 25'. Rgt tfc.
SERVICE: S8 **FUEL** 100LL **LGT** PAPI Rwy 32 unusable byd 2 NM. After dark ACTIVATE MIRL Rwy 14-32 —CTAF.
AIRPORT REMARKS: Attended 1600-0100Z†. Fuel self-svc avbl 24 hrs
AIRPORT MANAGER: 559-585-2589
WEATHER DATA SOURCES: ASOS 134.75 (559) 585-8076.
COMMUNICATIONS: CTAF/UNICOM 122.8

SAN FRANCISCO
 H-4H, L-3C, 9A
 IAP

® **FRESNO APP/DEP CON** 123.9

RADIO AIDS TO NAVIGATION: NOTAM FILE VIS.

VISALIA (T) VOR/DME 109.4 VIS Chan 31 N36°22.04'
 W119°28.93' 231° 7.7 NM to fld. 259/16E.



HANGTOWN N38°43.48' W120°44.96' NOTAM FILE RIU.
(L) VOR/DME 115.5 HNW Chan 102 at Placerville. 2583/17E.

SAN FRANCISCO
 L-3A

VOR unusable:

- 200°-260° byd 15 NM blo 9,500'
- 320°-350° byd 10 NM blo 6,000'
- 320°-350° byd 25 NM blo 14,500'

RCO 122.1R 115.5T (RANCHO MURIETA RADIO)

HAPPY CAMP (36S) 0 SW UTC-8(-7DT) N41°47.44' W123°23.34'

1209 TPA—2209(1000) NOTAM FILE RIU

RWY 04-22: H3000X50 (ASPH) S-30

RWY 04: Tree. Rgt tfc.

RWY 22: Brush.

AIRPORT REMARKS: Unattended. +35' trees 600' from 125' left through 125' right.

AIRPORT MANAGER: (530) 842-8220

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE CEC.

CRESCENT CITY (L) VORTACW 109.0 CEC Chan 27 N41°46.77'

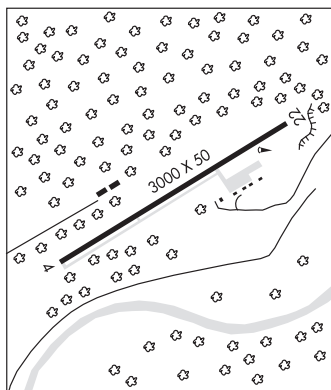
W124°14.45' 075° 38.2 NM to fld. 55/14E.

TACAN AZIMUTH & DME unusable:

195°-235° byd 20 NM

KLAMATH FALLS

L-21



HARRIS RANCH (See COALINGA on page 108)

HAWTHORNE

JACK NORTHROP FLD/HAWTHORNE MUNI (HHR)(KHHR) 1 E UTC-8(-7DT) N33°55.37'

W118°20.11'

66 B TPA—See Remarks NOTAM FILE HHR

RWY 07-25: H4956X100 (ASPH) S-30, D-60, 2D-90 MIRL

RWY 07: VASI(V2R)—GA 3.25° TCH 25'. Thld displcd 971'. Road. Rgt tfc.

RWY 25: ODALS. REIL. VASI(V4R)—GA 3.5° TCH 26'. Thld displcd 463'. Pole.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 07: TORA-4956 TODA-4956 ASDA-4736 LDA-3765

RWY 25: TORA-4956 TODA-4956 ASDA-4656 LDA-4193

SERVICE: S4 FUEL 100LL, JET A OX 1, 3 L&T When twr clsd

ACTIVATE MIRL Rwy 07-25 and ODALS Rwy 25—CTAF.

AIRPORT REMARKS: Attended 1500-0400Z†. Unattended every other Fri.

100LL fuel avbl 24 hrs self svc. Jet A fuel avbl 1300-0800Z† daily,

call 310-676-4673. Arpt CLOSED to acft with explosives. Be alert to

8' blast fence AER 25. Numerous flocks of birds on and in/ov arpt.

Helicopter flight training ops prohibited. Helicopter multiple

approaches/tfc pat ops prohibited. Touch and go lds, stop and go lds

and low apch ops for all acft including helicopters ltd to

1800-0100Z†. No multi-engine simulated engine-out procedures

authorized in tfc pat. No taxi-back ops Mon-Fri 0600-1600Z†,

Sat-Sun 0600-1800Z†. TPA for lgt acft/helicopter 1100 (1034),

turbine/high performance acft 1600 (1534). For noise abatement info ctc arpt engineer 310-349-1637 or 1636. North

Twy designated non-movement area. Rwy 25 runoff on South Twy 900' west of AER.

AIRPORT MANAGER: 310-349-1637

WEATHER DATA SOURCES: ASOS (310) 973-8930

COMMUNICATIONS: CTAF 121.1 ATIS 118.4 310-675-7945

HAWTHORNE RCO 122.2 122.5 (HAWTHORNE RADIO)

Ⓜ **SOCAL APP CON** 124.3 (146°-245°) 124.9 (069°-145°) 125.2 (246°-342°) 128.5 (343°-068°)

TOWER 121.1 (1400-0600Z†) **GND CON** 125.1 **CLNC DEL** For clnc del when twr clsd call SOCAL Apch 800-448-3724.

Ⓜ **SOCAL DEP CON** 124.3

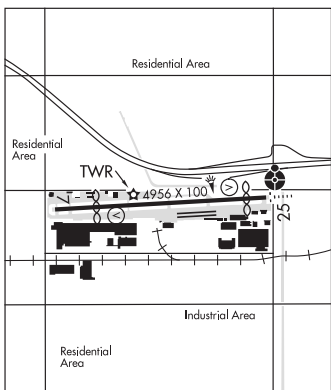
AIRSPACE: CLASS D svc 1400-0600Z† other times CLASS G.

LOS ANGELES

COPTER

L-3E, 4G, 7B, A

IAP, AD



CONTINUED ON NEXT PAGE

CONTINUED FROM PRECEDING PAGE

VOR TEST FACILITY (VOT) 113.9

RADIO AIDS TO NAVIGATION: NOTAM FILE LAX.

LOS ANGELES (H) VORTACW 113.6 LAX Chan 83 N33°55.99' W118°25.92' 082° 4.9 NM to fld. 185/15E.

VOR portion unusable:

270°-277° byd 25 NM blo 8,000'

277°-300° byd 10 NM blo 8,000'

277°-300° byd 28 NM blo 12,000'

175°-205° byd 10 NM blo 3,000'

LOC 109.1 I-HHR Rwy 25. LOC unusable beyond 15° right of course; wi 0.8 NM inbound. Unmonitored when ATCT clsd.

HAYFORK (F62) 1 S UTC-8(-7DT) N40°32.82' W123°10.78'

KLAMATH FALLS

2334 B TPA—3334(1000) NOTAM FILE RIU

L-2H

RWY 07-25: H4100X60 (ASPH) S-12.5 MIRL 0.4% up E

RWY 07: Tree.

RWY 25: Tree. Rgt tfc.

SERVICE: S2 LGT Arpt bcn OTS indef. MIRL Rwy 07-25 OTS. ACTIVATE MIRL Rwy 07-25—CTAF.

AIRPORT REMARKS: Unattended. High terrain all quadrants. Noise abatement procedures in effect N, NE and S of arpt. Intermittently clsd winters due to snow. Ctc county transportation office for information 530-623-1365.

AIRPORT MANAGER: 530-623-1365

COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE FOT.

FORTUNA (L) VORTACW 114.0 FOT Chan 87 N40°40.28'

W124°14.07' 079° 48.8 NM to fld. 391/19E.

VOR unusable:

060°-070° byd 35 NM blo 9,500'

150°-165° byd 25 NM blo 6,500'

165°-200° byd 25 NM blo 8,000'

280°-330° byd 20 NM blo 3,000'

330°-336° byd 20 NM

336°-350° byd 20 NM blo 3,000'

TACAN AZIMUTH unusable:

060°-070° byd 35 NM blo 9,500'

150°-165° byd 25 NM blo 5,500'

165°-200° byd 25 NM blo 8,000'

315°-325° byd 15 NM blo 5,500'

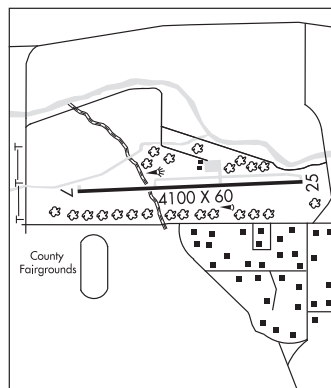
DME unusable:

060°-070° byd 35 NM blo 9,500'

150°-165° byd 25 NM blo 5,500'

165°-200° byd 25 NM blo 8,000'

315°-325° byd 15 NM blo 5,500'



HAYWARD EXECUTIVE (HWD)(KHW) 2 W UTC-8(-7DT) N37°39.54' W122°07.30'

SAN FRANCISCO

52 B TPA—See Remarks NOTAM FILE HWD

H-3B, L-2F, 3B, A

RWY 10R-28L: H5694X150 (ASPH-GRVD) S-30, D-75, 2S-95

IAP, AD

MIRL 0.4% up E

RWY 10R: REIL. VASI(V4R)—GA 3.0° TCH 25'. Thld dsplcd 816'. Tree.

Rgt tfc.

RWY 28L: REIL. VASI(V4L)—GA 4.0° TCH 35'. Thld dsplcd 676'.**RWY 10L-28R:** H3107X75 (ASPH) S-13 MIRL 0.3% up SE**RWY 10L:** PAPI(P4L)—GA 3.0° TCH 29'. Tree.**RWY 28R:** PAPI(P4L)—GA 3.0° TCH 44'. Rgt tfc.**SERVICE:** S4 FUEL 100LL, JET A OX 1, 3 LGT When twr clsd MIRL

Rwy 10R-28L preset low ints, to increase ints ACTIVATE—CTAF.

When twr clsd VASI Rwy 10R and Rwy 28L opr SS-SR, PAPI Rwy 10L,

PAPI Rwy 28R, REIL Rwy 10R and Rwy 28L unavailable.

AIRPORT REMARKS: Attended 1600-0100Z†. When tower clsd Rwy 10L-28R CLOSED. Flocks of birds feeding along the shoreline, creek areas and at the golf course to the north, on occasion may fly across various parts of the arpt. For restaurant/golf course itmtrt acct prkg ctc arpt ops 510-293-8678. 155' energy complex exhaust stack 1.5 NM southwest of arpt. Do not overfly energy complex facility below 1,000' MSL. Noise abatement procedures in effect ctc arpt for noise rules 510-293-8669. TPA-652(600) Rwy 10R-28L, 852(800) Rwy 10L-28R. Rwy 10R has ldg distance remaining signs (lgt) north side of rwy. Rwy 28L has ldg distance remaining signs (lgt) south side of rwy. Twy A not visible from twr between Twy B and Twy C. Twy A1 clsd to acct with wingspan greater than 100'. Twy Z1 clsd to acct with wingspan greater than 94'. Transient helicopter tfc use helpads west of green ramp located at base of twr.

AIRPORT MANAGER: (510) 293-8678**WEATHER DATA SOURCES:** ASOS (510) 786-3052**COMMUNICATIONS:** CTAF 120.2 ATIS 126.7 510-786-3988 UNICOM 122.95

Ⓡ NORCAL APP CON 124.4 125.35 134.5

TOWER 118.9 120.2 (1500-0500Z)† GND CON 121.4 CLNC DEL 128.05

Ⓡ NORCAL DEP CON 124.4

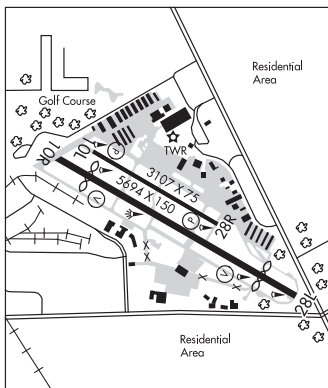
AIRSPACE: CLASS D svc 1500-0500Z† other times CLASS G, exc portion contained within Oakland CLASS E ext (dr).**RADIO AIDS TO NAVIGATION:** NOTAM FILE OAK.**OAKLAND (H) VOR/DME** 116.8 OAK Chan 115 N37°43.56' W122°13.42' 113° 6.3 NM to fld. 13/17E.

HIWAS.

DME unusable:

340°-040° byd 30 NM blo 8,000'

LOC/DME 111.5 I-HWD Chan 52 Rwy 28L. Localizer offset angle 3.00 deg. LOC unmonitored when ATCT clsd.

COMM/NAV/WEATHER REMARKS: For clnc del when twr is clsd ctc Norcal apch at 916-361-0516.**HEALDSBURG MUNI** (HES)(KHES) 3 NW UTC-8(-7DT) N38°39.17' W122°53.92'

SAN FRANCISCO

280 TPA—1280(1000) NOTAM FILE OAK

RWY 13-31: H2652X60 (ASPH) S-12.5 MIRL 0.9% up NW**RWY 13:** PAPI(P2L)—GA 4.0° TCH 40'. Road. Rgt tfc.**RWY 31:** PAPI(P2L)—GA 4.0° TCH 20'. Hill.**SERVICE:** S4 FUEL 100LL LGT ACTIVATE MIRL Rwy 13-31—CTAF.**AIRPORT REMARKS:** Attended 1600-0100Z†. No touch and go. Practice llds to 3 ops/day. Rwy 31 downdrafts apch end.**AIRPORT MANAGER:** 707-433-8540**COMMUNICATIONS:** CTAF/AUNICOM 122.8

HECTOR N34°47.82' W116°27.78' NOTAM FILE RAL.

LOS ANGELES

(H) **VORTAC** 112.7 HEC Chan 74 1853/15E.

H-41, L-7D

VOR portion unusable:

055°-090° byd 25 NM blo 9,000'

090°-200° byd 18 NM blo 11,000'

090°-200° byd 30 NM blo 13,000'

200°-231° byd 25 NM blo 9,000'

200°-231° byd 32 NM blo 12,000'

231°-240° byd 30 NM blo 10,000'

240°-270° byd 28 NM blo 9,000'

340°-055° byd 15 NM blo 10,000'

340°-055° byd 28 NM blo 14,000'

TACAN AZIMUTH & DME unusable:

055°-090° byd 25 NM blo 9,500'

090°-200° byd 18 NM blo 11,000'

090°-200° byd 30 NM blo 13,000'

200°-231° byd 20 NM blo 15,000'

231°-240° byd 20 NM blo 11,000'

340°-055° byd 15 NM blo 10,000'

340°-055° byd 28 NM blo 14,000'

TACAN AZIMUTH unusable:

240°-270° byd 28 NM blo 9,500'

DME unusable:

240°-270° byd 28 NM blo 9,000'

RCO 122.1R 112.7T (RIVERSIDE RADIO)

HEMET-RYAN (HMT)(KHMT) 3 SW UTC-8(-7DT) N33°44.04' W117°01.35'

1512 B TPA-2512(1000) NOTAM FILE RAL

RWY 05-23: H4314X100 (ASPH) S-80, D-130 MIRL

RWY 05: Rgt tfc.

RWY 23: PAPI(P2L)—GA 3.0° TCH 33'.

RWY 04-22: H2045X25 (ASPH)

RWY 22: Rgt tfc.

SERVICE: S4 FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 05-23 and taxiway lights—CTAF.

AIRPORT REMARKS: Attended dalgt hrs. Watch for United States Forest Service fire fighting acft. Air tanker activity May-Nov. Forest Service fire fighting acft frequently fly the conventional rectangular pat with four 90° clearing turns entering the down wind leg abeam midpoint of rwy. All powered acft tfc patterns to S. Gliders, ultralight act north side of arpt.

AIRPORT MANAGER: (951) 955-9418

WEATHER DATA SOURCES: AWOS-3 118.375 (951) 925-6886.

COMMUNICATIONS: CTAF/UNICOM 123.0

® **MARCH APP/DEP CON** 133.5 (1500-0700Z) clsd holidays, other times etc

® **SOCAL APP/DEP** 134.0

CLNC DEL For clnc del call SOCAL Apch 800-448-3724.

RADIO AIDS TO NAVIGATION: NOTAM FILE RAL.

PARADISE (H) VORTAC 112.2 PDZ Chan 59 N33°55.10'

W117°31.80' 098° 27.7 NM to fld. 1432/15E.

TACAN AZIMUTH unusable:

130°-145° byd 25 NM blo 5,000'

145°-190° blo 8,000'

190°-230° blo 10,000'

310°-325° byd 35 NM blo 10,900'

325°-345° byd 25 NM blo 11,500'

345°-360° byd 35 NM blo 10,500'

VOR unusable:

010°-015° byd 20 NM blo 10,000'

130°-145° byd 25 NM blo 5,000'

145°-190° blo 8,000'

145°-190° byd 25 NM blo 10,000'

145°-190° byd 39 NM blo 13,500'

190°-230° blo 10,000'

310°-325° byd 35 NM blo 10,900'

325°-345° byd 25 NM blo 11,500'

345°-360° byd 35 NM blo 10,500'

DME unusable:

130°-145° byd 25 NM blo 5,000'

145°-190° blo 8,000'

190°-230° blo 10,000'

310°-325° byd 35 NM blo 10,900'

325°-345° byd 25 NM blo 11,500'

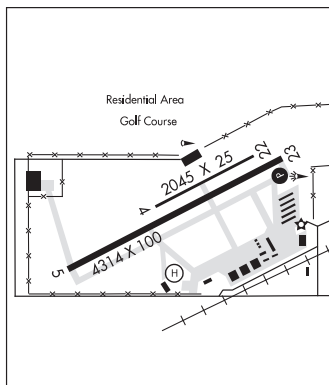
345°-360° byd 35 NM blo 10,500'

LOS ANGELES

COPTER

L-4H

IAP



HERLONG (H37) 2 W UTC-8(-7DT) N40°08.32' W120°10.80'
 4062 TPA-4862(800) NOTAM FILE RNO
RWY 06-24: H3260X40 (ASPH) S-4 0.5% up NE
RWY 06: P-line.
RWY 24: P-line.

KLAMATH FALLS
L-9A, 11A

AIRPORT REMARKS: Unattended. +5' brush along northside, 45' from rwy centerline.

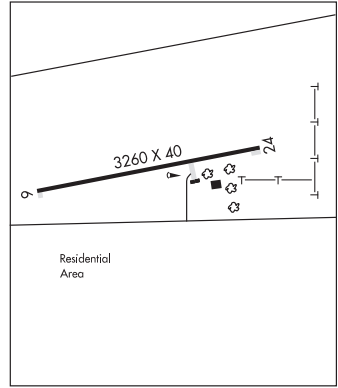
AIRPORT MANAGER: 530-251-8299

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE RNO.

MUSTANG (H) VORTAC 117.9 FMG Chan 126 N39°31.88'
 W119°39.36' 311° 43.7 NM to fld. 5950/16E.

VORTAC unusable:
 200°-230° byd 30 NM blo 13,000'



HESPERIA (L26) 3 S UTC-8(-7DT) N34°22.62' W117°18.96'
 3390 B TPA-4390(1000) NOTAM FILE RAL
RWY 03-21: H3910X50 (ASPH) S-12 LIRL 0.5% up SW
RWY 03: Thld dspclcd 300'. Tree. Rgt tfc.
RWY 21: Thld dspclcd 550'. Road.

LOS ANGELES
L-4H, 7C

SERVICE: FUEL 100LL LGT ACTIVATE LIRL Rwy 03-21-CTAF.

AIRPORT REMARKS: Unattended. Slight uphill grade to Rwy 21. Pilots should be aware of rising surrounding terrain to the south.

Rwy 21 has a perimeter fence that separates Rwy 21 from road. Public road access to rwy and twy in multiple locations. Calm wind use Rwy 21.

AIRPORT MANAGER: (442) 243-4331

COMMUNICATIONS: CTAF/UNICOM 123.0

RADIO AIDS TO NAVIGATION: NOTAM FILE RAL.

PARADISE (H) VORTAC 112.2 PDZ Chan 59 N33°55.10' W117°31.80' 006° 29.5 NM to fld. 1432/15E.

TACAN AZIMUTH unusable:
 130°-145° byd 25 NM blo 5,000'
 145°-190° blo 8,000'
 190°-230° blo 10,000'
 310°-325° byd 35 NM blo 10,900'
 325°-345° byd 25 NM blo 11,500'
 345°-360° byd 35 NM blo 10,500'

VOR unusable:
 010°-015° byd 20 NM blo 10,000'
 130°-145° byd 25 NM blo 5,000'
 145°-190° blo 8,000'
 145°-190° byd 25 NM blo 10,000'
 145°-190° byd 39 NM blo 13,500'
 190°-230° blo 10,000'
 310°-325° byd 35 NM blo 10,900'
 325°-345° byd 25 NM blo 11,500'
 345°-360° byd 35 NM blo 10,500'

DME unusable:
 130°-145° byd 25 NM blo 5,000'
 145°-190° blo 8,000'
 190°-230° blo 10,000'
 310°-325° byd 35 NM blo 10,900'
 325°-345° byd 25 NM blo 11,500'
 345°-360° byd 35 NM blo 10,500'

HOLLISTER**FRAZIER LAKE AIRPARK** (1C9) 8 NW UTC-8(-7DT) N36°57.17' W121°27.76'

SAN FRANCISCO

152 NOTAM FILE OAK

RWY 05-23: 2500X100 (TURF) LIRL**RWY 05:** P-line.**RWY 23:** REIL. Rgt tfc.**SERVICE:** LGT ACTIVATE REIL Rwy 23; LIRL Rwy 05-23—CTAF. Rwy 23 REIL opr consistently during daylight hours.**AIRPORT REMARKS:** Unattended. No touch and go ops. Birds frequently on and in/ovf arpt. Wildlife haz near movement area.

Use at your own risk. Rwy 05-23 irregular sfc. Be alert to seaplane ldg area (water channel) 200' south of adjacent/parallel grass rwy. Berm and ditch adjacent to Rwy 05 apch end. PAEW in vicinity of Rwy 05-23 occasionally during daylight hrs. Rwy clsd by NOTAM for mowing, typically Mon. Equipment on rwy during mowing ops. Utility wires across west end of fld for apch to Rwy 05 and waterway 5W. Occasional irrigation on turf rwy at night from midnight to 1400Z±.

No midfield tkfs or back-taxi on Rwy 05-23. No practice tkf and ldg Rwy 05-23 when wet or soft. Rwy 05-23 gross weight ltd to 6,700 pounds. Rwy 05-23 bumpy sfc due to the absence of grass in various locations.

AIRPORT MANAGER: (408) 242-2492**COMMUNICATIONS:** CTAF/UNICOM 123.05**COMM/NAV/WEATHER REMARKS:** For Clnc Del ctc Norcal Apch at 916-361-3748.**WATERWAY 05W-23W:** 3000X60 (WATER)**WATERWAY 05W:** P-line.**WATERWAY 23W:** Rgt tfc.

SEAPLANE REMARKS: Waterway 05-23 not marked, typical water depth 2.5'. Water depth noted as shallow as 1 1/2' deep. Ramp & dock facilities avbl.

HOLLISTER MUNI (CVH)(KCVH) 3 N UTC-8(-7DT) N36°53.60' W121°24.62'

SAN FRANCISCO

230 B TPA—See Remarks NOTAM FILE OAK

RWY 13-31: H6350X100 (ASPH) S-30, D-45 MIRL 0.4% up SE**RWY 13:** REIL. PAPI(P2L)—GA 3.0° TCH 44'.**RWY 31:** REIL. PAPI(P2L)—GA 3.0° TCH 44'.**RWY 06-24:** H3150X100 (ASPH) S-30, D-45 MIRL**RWY 06:** Hill.**RWY 24:** REIL. VASI(V2L)—GA 3.75° TCH 26'. Road.

SERVICE: S4 FUEL 100LL, JET A LGT ACTIVATE REIL Rwy 24, Rwy 13, and Rwy 31; VASI Rwy 24; PAPI Rwy 13 and Rwy 31; MIRL Rwy 06-24 and Rwy 13-31—CTAF.

AIRPORT REMARKS: Attended 1600-0100Z±. Fuel avbl 24 hours credit card lock system. Glider activity on and in/ovf arpt. Model acft club conducting fit ops 3 miles west northwest of arpt heading of 290° from arpt sfc to 500' AGL. Recommend pilots to begin Rwy 31 tkf roll at or byd the thld (Twy B). Watch for fire fighting acft June-Oct. TPA—1030(800), helicopters 730(500).

AIRPORT MANAGER: 831-636-4365**WEATHER DATA SOURCES:** AWOS-3 120.425 (831) 636-4394.**COMMUNICATIONS:** CTAF/UNICOM 123.0

® NORCAL APP/DEP CON 124.525

RADIO AIDS TO NAVIGATION: NOTAM FILE SNS.**SALINAS (H) VORTACW** 117.3 SNS Chan 120 N36°39.83' W121°36.19' 017° 16.6 NM to fld. 80/17E. HIWAS.

VOR portion unusable:

010°-016° byd 22 NM blo 7,000'

010°-016° byd 26 NM blo 8,000'

016°-080° byd 22 NM blo 8,000'

150°-170° byd 8 NM blo 10,000'

TACAN AZIMUTH & DME unusable:

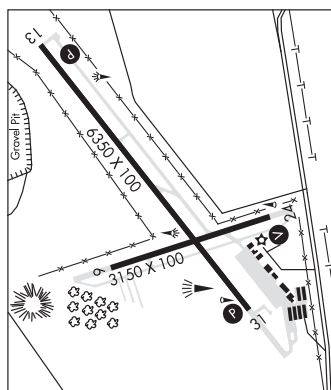
010°-080° byd 22 NM blo 8,000'

150°-200° blo 11,000'

aerobatic acft wi an area defined as .5 NM rds of SNS 357016.4 (5.3 NM w cvh), blo 3000±, avoidance advised sr-ss

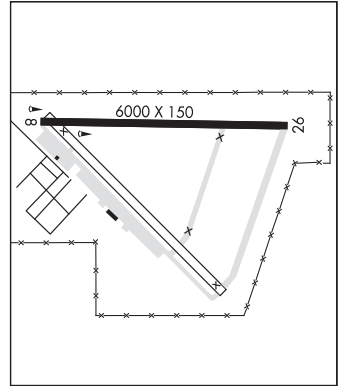
TACAN AZIMUTH unusable:

245°-255° byd 20 NM

COMM/NAV/WEATHER REMARKS: For clnc del ctc Norcal apch at 916-361-3748.

HOLTVILLE (LØ4) 5 NE UTC-8(-7DT) N32°50.70' W115°16.11'
 59 TPA—859(800) NOTAM FILE SAN
RWY 08-26: H6000X150 (CONC) S-30, D-50
AIRPORT REMARKS: Unattended. Arpt CLOSED indefinitely. 1'-2' holes in pavement, buckled section slabs up to 5'. Be alert frequent military training activity during dalght hrs and dark, includes tactical acft, helicopters and parachuting, check local notams call 619-337-7792. Rwy 08-26 ltd by arpt manager to 20,000 lbs single wheel gear, 40,000 lbs dual tandem wheel gear.
AIRPORT MANAGER: (442) 265-3220X5
COMMUNICATIONS: CTAF/UNICOM 123.0
RADIO AIDS TO NAVIGATION: NOTAM FILE IPL.
IMPERIAL (H) VORTAC 115.9 IPL Chan 106 N32°44.93' W115°30.51' 051° 13.4 NM to fld. -18/14E.

PHOENIX
 H-4I, L-4J, 5A



HOMELAND N33°46.58' W117°11.12' NOTAM FILE RAL.
(L) VOR 113.4 HDF 316° 7.3 NM to March Arb. 1414/14E.
 VOR unusable:
 000°-040° byd 20 NM blo 12,000'
 000°-040° byd 30 NM blo 15,500'
 170°-250° byd 10 NM
RCO 122.1R 113.4T (RIVERSIDE RADIO)

LOS ANGELES
 COPTER
 L-4H, A

HOOPA (O21) 1 SE UTC-8(-7DT) N41°02.49' W123°40.07'
 356 TPA—1156(800) NOTAM FILE OAK
RWY 14-32: H2325X50 (ASPH) S-10
RWY 14: Thld dspclcd 80'. Trees. Rgt tfc.
RWY 32: Thld dspclcd 80'. Trees. Rgt tfc.
AIRPORT REMARKS: Unattended. Day use only; CLOSED ngts. Wind indicator obscured by trees.
AIRPORT MANAGER: 530-625-4017
COMMUNICATIONS: CTAF 122.9

KLAMATH FALLS

HUNTER LIGGETT (See TUSI AHP (HUNTER LIGGETT) on page 233)

HYAMPOM (H47) 1 NW UTC-8(-7DT) N40°37.54' W123°28.11'
 1277 TPA—2077(800) NOTAM FILE OAK
RWY 14-32: H2980X60 (ASPH) S-12 0.3% up SE
RWY 14: Rgt tfc.
RWY 32: Thld dspclcd 725'. Trees.
AIRPORT REMARKS: Unattended. Arpt CLOSED nights except for emerg medical use. High terrain all quadrants. Intermittently cisd winters due to snow. Ctc county transportation office for information 530-623-1365. NSTD MIRL for emerg medical use only. Rwy 14-32 lgts for private use only public use not authorized.
AIRPORT MANAGER: 530-623-1365
COMMUNICATIONS: CTAF/UNICOM 122.8

KLAMATH FALLS

IMPERIAL BEACH NOLF (REAM FLD) (NRS)(KNRS) NAF 1 S UTC-8(-7DT) N32°33.97' W117°06.81'

LOS ANGELES
L-4H
DIAP AD

24 B NOTAM FILE SAN Not insp.

RWY 09-27: H4997X336 (PEM) PCN 8 F/A/W/T HIRL

RWY 08-26: H2240X151 (CONC) PCN 6 R/C/W/T

SERVICE: MILITARY— FUEL J5 (Avbl 1900-0500Z± Mon-Thu; 1800-0200Z± Fri.).

MILITARY REMARKS: Opr Mon-Thu 1600-0630Z (1500-0600Z DT) and Fri 1600-0200Z±. CLOSED from 0200Z± day prior until 1600Z± day following government holiday; except pre-coordinated flt of opr necessity. Ctc NOLF ATC DSN 577-9414/9415 for opr inquires. **RSTD** Official Business Only — PPR fixed wing and non-tenant acft, ctc NASNI ODO DSN 735-8233/8234, C619-545-8233/8234. North Island Tenant acft and Coast Guard have priority for lcl pattern opr. Practice apch not authorized Rwy 09. **CAUTION** Extensive helicopter training. **MISC** Rwy 08-26 avbl for day and night copter use only (night and SVFR use at pilots own risk).

WEATHER DATA SOURCES: ASOS (619) 437-9890 Dsn 577-9890

COMMUNICATIONS: ATIS 276.2

Ⓡ **SOCAL APP/DEP CON** 125.15 317.55

TOWER 120.65 239.25 (1600-0630Z Mon-Thu (1500-0600Z DT) and 1600-0200Z± Fri. Clsd from 0200Z± day prior until 1600Z± day following govt holidays)

GND CON 285.575 **CLNC DEL** For clnc del when twr clsd call SOCAL Apch 800-448-3724

AIRSPACE: CLASS D svc 1600-0630Z± Mon-Thu; (1500-0600Z± dt); 1600-0200Z± Fri cl from 0200Z± day prior till 1600Z± day following gov holidays other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE SAN.

(L) **TACAN** Chan 29 NRS (109.2) N32°33.85' W117°06.59' at fld. 21/11E.

opr only dur fld opr hr

TACAN AZIMUTH unusable:

225°-230°

DME unusable:

225°-230°

IMPERIAL CO (IPL)(KIPL) 1 S UTC-8(-7DT) N32°50.05' W115°34.73'

PHOENIX
H-41, L-41
IAP AD

-54 B TPA—See Remarks Class III, ARFF Index A NOTAM FILE IPL

RWY 14-32: H5308X100 (ASPH-PFC) S-60, D-80, 2S-102, 2D-102, 2D/2D2-130 PCN 26 F/C/W/T MIRL

RWY 14: PAPI(P4L)—GA 3.0° TCH 45'. Fence.

RWY 32: PAPI(P4L)—GA 3.0° TCH 45'. Road. Rgt tfc.

RWY 08-26: H4501X75 (ASPH) S-50, D-50 PCN 6 F/D/W/T MIRL

RWY 08: PAPI(P4L)—GA 3.0° TCH 45'. P-line.

RWY 26: PAPI(P4L)—GA 3.0° TCH 45'. Pole. Rgt tfc.

SERVICE: S2 FUEL 100LL, JET A LGT ACTIVATE MIRL Rwys 08-26 and 14-32—CTAF.

AIRPORT REMARKS: Attended 1500-0030Z±. Twy C3 clsd between Rwy 14-32 and Twy C5. Avoid NAF El Centro tfc; acft departing Rwy 26 make immediate rgt turn—stay below 1000'; ctc NAF Twr 119.1 for advisory. Frequent high-speed military jet tfc transits Imperial Co tfc area westbound descending VFR to NAF El Centro. Avoid 2500' to 3500' MSL near Imperial Co. Ctc NAF Twr 119.1 for Navy tfc advisory. Radio antenna +70' located on ctl twr at midfield Rwy 14-32 and 500' west rwy centerline. TPA—946(1000) conventional acft, 1446(1500) jet acft. PPR for non-scheduled air carrier ARFF svc, ctc arpt manager 442-264-3220. Noise sensitive area NE edge of arpt: schools and residential. Conditions permitting, helicopter arrivals should be to Rwy 32, touchdown midfield (between Twy A4 and A3). Helicopter departures should be from Rwy 14 midfield. When conditions require Rwy 32 departures, maintain rwy centerline for 1.5 NM before initiating turn. For helicopter turing patterns/autorotations use Rwy 08-26, max of 3 circuits. Between SS-SR avoid construction pattern circuits. Overnight tiedown fee. Ldg fee.

AIRPORT MANAGER: (442) 265-3220

WEATHER DATA SOURCES: ASOS 132.175 (760) 355-2851.

COMMUNICATIONS: CTAF/UNICOM 122.7

RCO 122.5 (SAN DIEGO RADIO)

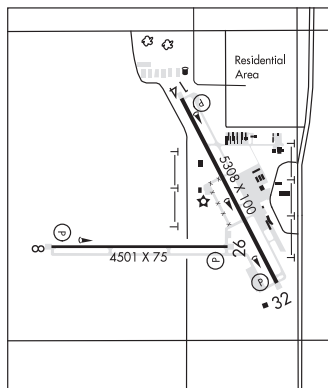
RCO 122.1R 115.9T (SAN DIEGO RADIO)

L.A. CENTER APP/DEP CON 128.6

AIRSPACE: CLASS E

RADIO AIDS TO NAVIGATION: NOTAM FILE IPL.

(H) **VORTAC** 115.9 IPL Chan 106 N32°44.93' W115°30.51' 311° 6.2 NM to fld. -18/14E.



INDEPENDENCE (207) 1 N UTC-8(-7DT) N36°48.98' W118°12.30'
 3908 TPA-4708(800) NOTAM FILE RAL
RWY 14-32: H3533X60 (ASPH) S-20 MIRL
RWY 14: Fence.
RWY 32: Trees. Rgt tfc.
RWY 05-23: 1498X30 (DIRT) 1.9% up SW
RWY 05: Road.
RWY 23: Fence.

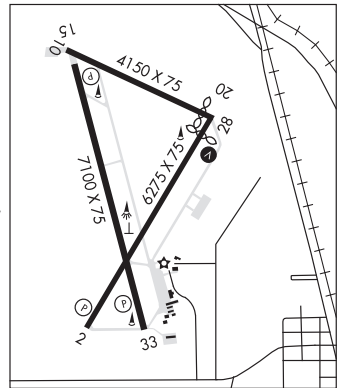
SAN FRANCISCO
 L-9A

SERVICE: LGT ACTIVATE MIRL Rwy 14-32-CTAF.
AIRPORT REMARKS: Unattended. Rwy 05-23 rstd can be used only during extreme crosswind conditions. Tfc pat indicators for Rwy 14-32 only. Rwy 05-23 marked with an R on each end, no numbers or centerline markings.
AIRPORT MANAGER: 760-872-2971
COMMUNICATIONS: CTAF 122.9
RADIO AIDS TO NAVIGATION: NOTAM FILE BIH.
BISHOP (T) VORW/DME 109.6 BIH Chan 33 N37°22.62' W118°21.99' 152° 34.5 NM to fld. 4117/15E.
 VOR/DME unusable:
 360°-105° byd 18 NM

INYOKERN (IYK)(KIYK) 1 NW UTC-8(-7DT) N35°39.52' W117°49.77'
 2457 B TPA-3457(1000) NOTAM FILE IYK
RWY 15-33: H7100X75 (ASPH) S-24 PCN 7 F/C/Y/U MIRL
 0.4% up NW
RWY 15: PAPI(P2L)-GA 3.0° TCH 40'.
RWY 33: PAPI(P2L)-GA 3.3° TCH 40'.
RWY 02-20: H6275X75 (ASPH) S-30, D-50, 2D-80 PCN 6 F/C/X/U
 MIRL 0.4% up S
RWY 02: PAPI(P2L)-GA 3.3° TCH 40'.
RWY 20: VASI(V4L)-GA 3.0° TCH 35'. Thld dsplcd 320'. Rgt tfc.
RWY 10-28: H4150X75 (ASPH) S-24 PCN 7 F/C/Y/U MIRL
 1.0% up W
RWY 28: Thld dsplcd 103'.

LOS ANGELES
 H-41, L-7C
 IAP

SERVICE: S2 FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 02-20, Rwy 10-28, Rwy 15-33 and VASI Rwy 20-CTAF. PAPI Rwy 02, Rwy 15 and Rwy 33 opr continuously.
AIRPORT REMARKS: Attended Mon-Fri 1500-0100Z±, Frequent glider ops on weekends. After 0000Z± callout fee for svc call 760-382-3383.
 Monitor 122.8 in tfc pat.
AIRPORT MANAGER: 760-377-5844
COMMUNICATIONS: CTAF/AUNICOM 122.8
JOSHUA APP/DEP CON 133.65
RADIO AIDS TO NAVIGATION: NOTAM FILE EDW.
EDWARDS (T) VORTAC 116.4 EDW Chan 111 N34°58.94' W117°43.96' 338° 40.8 NM to fld. 2378/15E.
 TACAN AZIMUTH unusable:
 095°-115° byd 15 NM blo 2,600'
 DME unusable:
 095°-115° byd 15 NM blo 2,600'
COMM/NAV/WEATHER REMARKS: Automated UNICOM-3 clicks for arpt advisory and wx or dial 617-262-3825, 4 clicks for radio check.



JACK MC NAMARA FLD (See CRESCENT CITY on page 113)

JACK NORTHROP FLD/HAWTHORNE MUNI (See HAWTHORNE on page 134)

JACKSON

WESTOVER FLD AMADOR CO (JAK)(KJAK) 2 NW UTC-8(-7DT) N38°22.61' W120°47.63' **SAN FRANCISCO**
 1694 B TPA—2694(1000) NOTAM FILE RIU **L-3A**
RWY 01-19: H3401X60 (ASPH) S-12.5 MIRL **IAP**
RWY 01: REIL. PAPI(P2L)—GA 3.0° TCH 22'.
RWY 19: REIL. PAPI(P2L)—GA 4.0° TCH 32'. Tree.
SERVICE: S4 **FUEL** 100LL, JET A **LGT** PAPI Rwy 19 unusable byd 5° left of course. **ACTIVATE** REIL Rwy 01 and Rwy 19,
 PAPI Rwy 01 and Rwy 19, MIRL Rwy 01-19—CTAF.
AIRPORT REMARKS: Attended Mon-Fri 1600-0100Z. Rwy 19 is preferred rwy.
AIRPORT MANAGER: 209-223-2376
WEATHER DATA SOURCES: AWOS-3 121.125 (209) 257-1292.
COMMUNICATIONS: CTAF/UNICOM 123.075
 (R) **NORCAL APP CON** 125.1
 (R) **NORCAL DEP CON** 127.4
RADIO AIDS TO NAVIGATION: NOTAM FILE RIU.
LINDEN (H) VOR/DME 114.8 LIN Chan 95 N38°04.47' W121°00.23' 012° 20.7 NM to fld. 266/17E.
 DME unusable:
 191°-235°
COMM/NAV/WEATHER REMARKS: For clnc del ctc Norcal apch at 916-361-6874.
 * * * * *

HELIPAD H1: H50X50 (CONC)

JACQUELINE COCHRAN RGNL (See PALM SPRINGS on page 180)

JACUMBA (L78) 1 E UTC-8(-7DT) N32°36.95' W116°09.93' **LOS ANGELES**
 2844 TPA—3844(1000) NOTAM FILE SAN
RWY 07-25: H2562X60 (ASPH) S-12
RWY 25: Hill. Rgt tfc.
AIRPORT REMARKS: Unattended. Rwy 07-25 clsd SS-SR, not lighted. Frequent glider activity during weekends, powered acft be alert for glider traffic launching from field and operating on and infov arpt, sfc to 18,000' MSL. Ocnl wildlife on and infov arpt. Wind permitting, recommend land Rwy 07 and dep Rwy 25 due to 480' hill 1 mile east of arpt. Rapidly rising terrain all quads. Noise abatement; avoid overflying residential community 1/2 mile W. Recommend rwy to ramp transition, asph to soft dirt, at twy stub midfield, all other areas asph to gvl. Helipad skid/run-on ldg and auto-rotations prohibited. RDO equipped acft shall self-announce on CTAF prior to ldg or tkof. Pin to obtain vehicle access to arpt, call 619-956-4800. PPR all mil acft ctc arpt manager. Contiguous ADIZ in vacinity and along intl boundary, located aprxly 615' S of Rwy 07-25. All acft avoid overflight US/MEXICAN border without auth.
AIRPORT MANAGER: (619) 956-4800
COMMUNICATIONS: CTAF 122.9

JOE FOSS FLD (See MIRAMAR MCAS (JOE FOSS FLD) on page 164)

JOHN WAYNE AIRPORT-ORANGE CO (See SANTA ANA on page 215)

JOSHUA TREE

ROY WILLIAMS (L8Ø) 3 NE UTC-8(-7DT) N34°09.25' W116°15.13' **LOS ANGELES**
 2464 B TPA—3464(1000) NOTAM FILE RAL
RWY 06-24: H2493X50 (ASPH) LIRL(NSTD)
RWY 24: Thld dsplcd 177'.
RWY 12-30: H2355X100 (ASPH-DIRT)
RWY 12: Thld dsplcd 305'. Road.
RWY 30: Thld dsplcd 630'. P-line.
SERVICE: **FUEL** 100LL **LGT** Rwy 06-24 low density lgtg system. Rwy 06-24 NSTD LIRL. **ACTIVATE** LIRL Rwy 06-24 and rotating bcn—CTAF.
AIRPORT REMARKS: Unattended. Arpt CLOSED indef. Rwy 06-24 loose rocks and sand on rwy. Arpt advisory mandatory for ngt ldg. Radio ctc recommended before ldg for advisory and altimeter setting. Unlgt mountains 2 1/2 miles E 3070' and 3 miles S 3800'. Rwy 12-30 SE end 420' by 50' asph, remainder of rwy dirt. Rwy 12-30 rough sfc with steep edges and abrupt transitions at asphalt/dirt section in center of rwy. Rwy 24 NSTD dsplcd thld markings are yellow. Lead-in arrows are missing. Rwy 12 nstd markings on conc pad adjacent to rwy end. Rwy 30 nstd number markings on pad left side of rwy 1000' from rwy end.
AIRPORT MANAGER: (760) 905-2850
COMMUNICATIONS: CTAF/UNICOM 122.8

JULIAN N33°08.43' W116°35.16' NOTAM FILE SAN. LOS ANGELES
 (L) VORTACW 114.0 JLI Chan 87 047° 15.1 NM to Borrego Valley. 5560/15E. HIWAS. H-4I, L-4I
 RCO 123.65 (SAN DIEGO RADIO)

KANAN N38°02.78' W122°02.01' NOTAM FILE CCR. SAN FRANCISCO
 NDB (LOMW) 335 CC 185° 3.6 NM to Buchanan Flid. 5/13E.
 This is a low power marker used as LOM on CCR ILS. this record in the navaid file is to provide temporary support for the route elements of the KANAN TWO DP.

KEARN N39°16.56' W123°14.44' NOTAM FILE UKI. SAN FRANCISCO
 NDB (MHW/LOM) 371 UK 873/17E. SHUTDOWN.
 NDB unusable:
 250°-275° byd 6 NM blo 7,000'

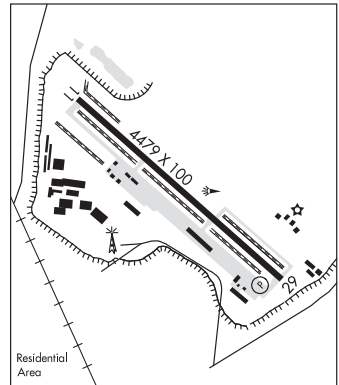
KERN VALLEY (See KERNVILLE on page 145)

KERNVILLE

KERN VALLEY (LØ5) 3 S UTC-8(-7DT) N35°43.69' W118°25.18' LOS ANGELES
 2614 TPA—3614(1000) NOTAM FILE RIU L-3D, 7B
 RWY 17-35: H3500X50 (ASPH)
 RWY 17: Trees. Rgt tfc.
 SERVICE: S2
 AIRPORT REMARKS: Attended dalgt hrs. No ngt ops. Fly-in campground on arpt.
 AIRPORT MANAGER: 661-391-1824
 COMMUNICATIONS: CTAF/UNICOM 122.8
 RADIO AIDS TO NAVIGATION: NOTAM FILE BFL.
 SHAFTER (H) VORTACW 115.4 EHF Chan 101 N35°29.07' W119°05.84' 052° 36.2 NM to fld. 549/14E.
 HIWAS.

KING CITY

MESA DEL REY (KIC)(KKIC) 1 NE UTC-8(-7DT) N36°13.71' W121°07.28' SAN FRANCISCO
 374 B TPA—1174(800) NOTAM FILE OAK L-3C
 RWY 11-29: H4479X100 (ASPH) S-12 MIRL
 RWY 11: Berm.
 RWY 29: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Road.
 SERVICE: S4 FUEL 100LL, JET A
 AIRPORT REMARKS: Attended Mon-Fri 1600-0100Z±. Fuel avbl 24 hrs.
 Intensive aerobic activity invof arpt. See Special Notice—Aerobatic Operations in Northern California.
 AIRPORT MANAGER: (831) 386-5925
 COMMUNICATIONS: CTAF 122.9
 RADIO AIDS TO NAVIGATION: NOTAM FILE OAK.
 BIG SUR (L) VORTACW 114.0 BSR Chan 87 N36°10.88' W121°38.53' 067° 25.4 NM to fld. 4080/16E.
 DME portion unusable:
 320°-085° byd 35 NM blo 9,000'



KINGDON AIRPARK (See LODI on page 150)

KLAMATH GLEN

ANDY MC BETH (S51) 1 S UTC-8(-7DT) N41°30.72' W123°59.74' KLAMATH FALLS
 42 TPA—1042(1000) NOTAM FILE OAK
 RWY 11-29: H2400X50 (ASPH) S-12 0.4% up E
 RWY 11: Trees. Rgt tfc.
 RWY 29: Hill.
 AIRPORT REMARKS: Unattended. Arpt sfc conditions not reported. High mountains and trees surround arpt, mountain flying experience strongly recommended.
 AIRPORT MANAGER: (707) 464-7288
 COMMUNICATIONS: CTAF 122.9

KNEELAND (See EUREKA on page 121)

LA VERNE

BRACKETT FLD (POC)(KPOC) 1 SW UTC-8(-7DT) N34°05.50' W117°46.91'

**LOS ANGELES
COPTER
L-3E, 4H, 7C
IAP AD**

1014 B TPA—2014(1000) NOTAM FILE POC

RWY 08R-26L: H4840X75 (ASPH) S-26 MIRL 0.9% up E

RWY 08R: REIL. PAPI(P4L)—GA 3.76° TCH 34'. Hill. Rgt tfc.

RWY 26L: REIL. PAPI(P4L)—GA 3.76° TCH 18'. Thld dsplcd 689'.

Road.

RWY 08L-26R: H3661X75 (ASPH) S-12.5 0.9% up E

RWY 08L: Hill.

RWY 26R: Road. Rgt tfc.

SERVICE: S4 **FUEL** 100LL, JET A **OX 4** **LGT** When twr clsd, arpt lgts opr continuously from 0500-1500Z±. Rwy 08R PAPI unusable byd 5° left of centerline.

AIRPORT REMARKS: Attended continuously. Rwy 08L-26R unlgtd. Birds and wildlife invof arpt. Rapidly rising terrain 1 mile west-northwest of arpt. Noise abatement procedures in effect ctc arpt manager 909-593-1395.

AIRPORT MANAGER: 909-593-1395

WEATHER DATA SOURCES: AWOS-3PT 124.4 (909) 596-1523. LAWRS.

COMMUNICATIONS: CTAF 118.2 ATIS 124.4 909-596-1523

UNICOM 122.95

Ⓜ **SOCAL APP/DEP CON** 125.5

TOWER 118.2 (Rwy 08R-26L) 133.3 (Rwy 08L-26R) (1500-0500Z±)

GND CON 125.0

CLNC DEL 121.875 (For clnc del when ATCT clsd call Socal App (800) 448-3724.

AIRSPACE: CLASS D svc 1500-0500Z± other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE POC.

POMONA (L) VORTACW 110.4 POM Chan 41 N34°04.70' W117°47.22' at fld. 1266/15E.

VORTAC unusable:

300°-045° byd 20 NM

VOR portion unusable:

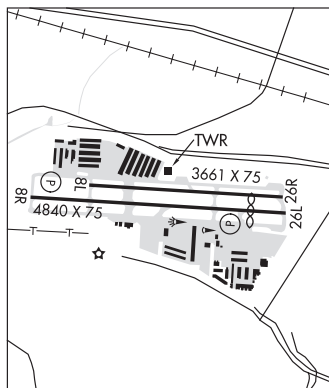
280°-300° byd 20 NM blo 13,000'

TACAN AZIMUTH unusable:

280°-300° byd 20 NM blo 14,000'

ILS 110.5 I-POC Rwy 26L. Class IA.

COMM/NAV/WEATHER REMARKS: When ATCT clsd, ctc SOCAL APCH at 800-448-3724 ext 3, clnc del svc.



LAKE HUGHES N34°40.98' W118°34.62' NOTAM FILE HHR.

**LOS ANGELES
L-3E, 4G, 7B**

(L) **VORTACW** 108.4 LHS Chan 21 359° 27.9 NM to Tehachapi Muni. 5790/15E.

VOR portion unusable:

335°-350° blo 10,000'

LAKE OROVILLE LANDING AREA SPB (See OROVILLE on page 177)

LAKE TAHOE (See SOUTH LAKE TAHOE on page 223)

LAKEPORT

LAMPSON FLD (102) 3 S UTC-8(-7DT) N38°59.44' W122°54.04'

**SAN FRANCISCO
L-2G
IAP**

1380 B TPA—2180(800) NOTAM FILE OAK

RWY 10-28: H3600X60 (ASPH) S-30 MIRL 0.3% up NW

RWY 10: Trees.

RWY 28: PAPI(P2L)—GA 4.0° TCH 40'. Thld dsplcd 85'. Road. Rgt tfc.

SERVICE: S4 **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 10-28—CTAF.

AIRPORT REMARKS: Unattended.

AIRPORT MANAGER: 707-263-2341

WEATHER DATA SOURCES: AWOS-3 118.35 (707) 262-0380.

COMMUNICATIONS: CTAF/UNICOM 122.8

OAKLAND CENTER APP/DEP CON 127.8

RADIO AIDS TO NAVIGATION: NOTAM FILE UKI.

MENDOCINO (H) VORTACW 112.3 ENI Chan 70 N39°03.19' W123°16.46' 086° 17.9 NM to fld. 2985/16E.

HIWAS.

LAMPSON FLD (See LAKEPORT on page 146)

LANCASTER

GENERAL WM J FOX AIRFIELD (WJF)(KWJF) 4 NW UTC-8(-7DT) N34°44.46' W118°13.12' **LOS ANGELES**

2351 B TPA-3151(800) NOTAM FILE WJF **H-4I, L-3E, 4G, 7B**

RWY 06-24: H7201X150 (ASPH-RFSC) S-50, D-68, 2S-86, 2D-117 **IAP, AD**

MIRL

RWY 06: REIL. PAPI(P4L)—GA 3.0° TCH 40'.

RWY 24: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Rgt tfc.

SERVICE: S4 FUEL 100LL, JET A **OX 2**

AIRPORT REMARKS: Attended continuously. Lgtd radio twrs 4 miles SE.

Numerous birds SE of arpt. PAEW adjacent ramp area between fuel island and terminal bldg.

AIRPORT MANAGER: 661-940-1709

WEATHER DATA SOURCES: ASOS (661) 949-2840

COMMUNICATIONS: CTAF 118.525 ATIS 126.3 UNICOM 122.95

LANCASTER RCO 122.2 (RIVERSIDE RADIO)

Ⓡ JOSHUA APP/DEP CON 126.1

FOX TOWER 118.525 (1500-0500Z‡) GND CON 121.7

AIRSPACE: CLASS D svc 1500-0500Z‡ other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE PMD.

PALMDALE (H) VORTAC 114.5 PMD Chan 92 N34°37.88'

W118°03.83' 296° 10.1 NM to fld. 2498/15E.

VOR unusable:

010°-020°

110°-160° byd 35 NM blo 11,600'

160°-235° byd 30 NM blo 8,100'

TACAN AZIMUTH unusable:

110°-145° byd 20 NM blo 15,500'

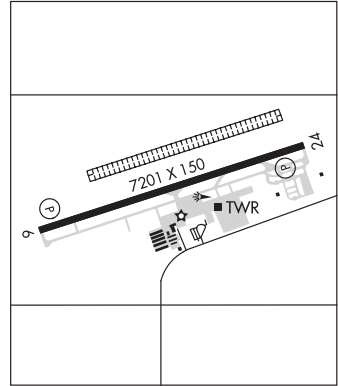
145°-235° byd 20 NM blo 14,500'

345°-355° byd 35 NM

DME unusable:

120°-145° byd 20 NM blo 15,500'

145°-150° byd 20 NM blo 14,500'



LANCASTER N34°44.47' W118°13.14'

LOS ANGELES

RCO 122.2 (RIVERSIDE RADIO)

L-3E, 4G, 7B

LEE VINING (O24) 1 E UTC-8(-7DT) N37°57.46' W119°06.35'

SAN FRANCISCO

6802 B TPA-7602(800) NOTAM FILE RAL

L-9A

RWY 15-33: H3920X50 (ASPH) S-30 LIRL 0.9% up SE

RWY 33: Rgt tfc.

SERVICE: LGT ACTIVATE LIRL Rwy 15-33-CTAF.

AIRPORT REMARKS: Unattended. NSTD dsplcd thld markings are yellow.

AIRPORT MANAGER: 760-932-5457

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE BIH.

BISHOP (T) VORW/DME 109.6 BIH Chan 33 N37°22.62' W118°21.99' 300° 49.5 NM to fld. 4117/15E.

VOR/DME unusable:

360°-105° byd 18 NM

LEMOORE NAS (REEVES FLD) (NLC)(KNLC) NAS 7 W UTC-8(-7DT) N36°19.99' W119°57.13' **SAN FRANCISCO**
 230 B NOTAM FILE NLC Not insp. **H-4H, L-3C**

RWY 14L-32R: H13502X200 (CONC) PCN 51 R/C/W/T HIRL **DIAP, AD**
RWY 14L: OLS. REIL.
RWY 32R: OLS. REIL.

RWY 14R-32L: H13501X200 (CONC) PCN 56 R/C/W/T HIRL CL
RWY 14R: OLS. REIL.
RWY 32L: ALSF2. OLS. WAVE-OFF. REIL.

ARRESTING GEAR/SYSTEM
RWY 14L HOOK E28(B) (1849') **HOOK E28(B) (1756') RWY 32R**
RWY 14R HOOK E28(B) (1600') **HOOK E28(B) (3495') RWY 32L**

SERVICE: LGT Carrier deck lgt Rwy 14L and 32L. Rot Bcn not opr when arpt clsd. **MILITARY— JASU 2(GTC-85) 2(NC-5)**
 2(NC-8) 1(NCPP-105) **FUEL J5 FLUID** SP PRESAIR OXRB (LOX avbl 1600-0000Z‡ Mon-Fri only.) **OIL** 0-128-133-156
TRAN ALERT Ltd tran svc/maint avbl dur arpt opr hr. Hi-speed fuel lanes not avbl to tran acft.

MILITARY REMARKS: Opr Mon-Thu 1600-0800Z‡, Fri 1600-0200Z‡, Sat clsd, Sun 0000-0400Z‡. See FLIP AP/1
 Supplementary Arpt Information. Fld hrs subject to change via NOTAM. **RSTD** PPR DSN 949-1023, C559-998-1023
 except AIREVAC. Civilian acft ldg permits required. Prior coordination or flight advisory required for AMC and scheduled
 airlifts. 24 hr prior notice required for acft with hazardous cargo. **CAUTION** Bird hazard. High intensity jet opr 25 NM radius
 0-15,000' Mon-Fri. Black top areas adjacent to twy and hangar for erosion control only, will not support acft.
TFC PAT Heavy acft executing practice instrument apch ltd to low apch. Reduced rwy separation standard in effect
 USN/USMC acft. **MISC** Prior coordination rqr for transient practice instrument apch DSN 949-1099, C559-998-1099.
 Data link frequency 323.5, TRN-28 monitor system Chan 13.

WEATHER DATA SOURCES: **AWOS-3** 121.575 (559) 998-2336. **AWOS-3** broadcast over nlc atis 121.575

COMMUNICATIONS: **ATIS** 121.575 327.15

Ⓡ **APP CON** 124.1 (N) 118.15 (S) 269.025 (1600-0800Z‡ Mon-Thu; 1600-0200Z‡ Fri; 1800-0200Z‡ Sat;
 2100-0500Z‡ Sun.)

TOWER 128.3 340.2 (Rwy 14L, 32L) 360.2 (Rwy 14R, 32R) (1600-0800Z‡ Mon-Thu, 1600-0200Z‡ Fri,
 1800-0200Z‡ Sat, 2100-0500Z‡ Sun)

GND CON 121.65 305.2 **CLNC DEL** 124.1 371.9

Ⓡ **DEP CON** 118.15 318.8 (Rwy 14L/R) 124.1 318.8 (Rwy 32L/R) (1600-0800Z‡ Mon-Thu, 1600-0200Z‡ Fri,
 1800-0200Z‡ Sat, 2100-0500Z‡ Sun.) **PSMV METRO** 306.525 (Avbl Mon-Thu 1500-0800Z‡, Fri 1500-0200Z‡, N/A
 Sat, Sun 2300-0400Z‡. Also avbl one hr prior and during NOTAMed afld hrs) **BASE OPS** 299.3 **MOA ADVISORY** 134.225
 290.325

AIRSPACE: **CLASS D** svc 1600-0800Z‡ Mon-Thu, 1600-0200Z‡ f, 1800-0200Z‡ Sat, 2100-0500Z‡ Sun other times **CLASS**
 E.

RADIO AIDS TO NAVIGATION: NOTAM FILE NLC.
 (H) **TACAN** Chan 80 NLC (113.3) N36°20.65' W119°57.98' at fld. 228/14E.
TACAN AZIMUTH unusable:
 180°-200° byd 6 NM blo 6,000'
 Byd 15 NM blo 10,000'
 Byd 25 NM blo 15,000'

ASR/PAR

COMM/NAV/WEATHER REMARKS: Radar see Terminal FLIP for Radar Minima.

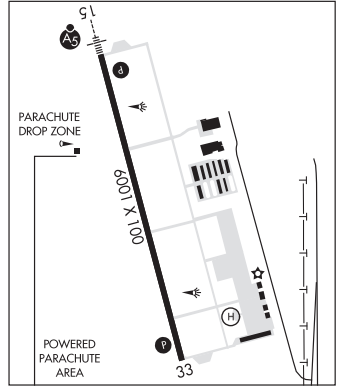
LINCOLN RGNL/KARL HARDER FLD (LHM)(KLHM) 3 W UTC-8(-7DT) N38°54.55' W121°21.08' **SAN FRANCISCO**
 121 B TPA-1121(1000) NOTAM FILE RIU **H-3B, L-2G, 3A**
RWY 15-33: H6001X100 (ASPH) S-30, D-60 MIRL **IAF**
RWY 15: MALSR. PAPI(P4L)—GA 3.0° TCH 44'. Tree.
RWY 33: PAPI(P4L)—GA 3.0° TCH 29'. Trees.

SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTIVATE MALSR Rwy 15, MIRL Rwy 15-33, helipad perimeter lgts—CTAF. PAPI Rwy 15 and Rwy 33 turned on during dalgt hrs, after dark ACTIVATE—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1400-0100Z±. Parachute Jumping. Powered parachute activity SW quad of arpt. For Jet A and 100LL fuel truck ctc (916) 257-4854, 1400-0100Z±. Self svc fuel avbl 24 hrs. Rwy 15 calm wind rwy.

AIRPORT MANAGER: 916-645-3443
WEATHER DATA SOURCES: AWOS-3 124.25 (916) 645-0698.
COMMUNICATIONS: CTAF/UNICOM 123.0

® **NORCAL APP/DEP CON** 125.4
RADIO AIDS TO NAVIGATION: NOTAM FILE MYV.
MARYSVILLE (T) VOR/DME 110.8 MYV Chan 45 N39°05.92' W121°34.38' 122° 15.4 NM to fld. 62/16E.
ILS/DME 108.75 I-LHM Chan 24(Y) Rwy 15. Class IT. Unmonitored.
COMM/NAV/WEATHER REMARKS: For clnc del ctc Norcal apch at 916-361-6874.



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HELIPAD H1: H60X60 (CONC) PERIMETER LGTS
HELIPORT REMARKS: Helipad H1 perimeter lgts. ACTIVATE perimeter lgts—CTAF.

LINDEN N38°04.47' W121°00.23' NOTAM FILE RIU. **SAN FRANCISCO**
(H) VOR/DME 114.8 LIN Chan 95 284° 14.7 NM to Lodi. 266/17E. **H-3B, L-2F, 3B**
 DME unusable:
 191°-235°

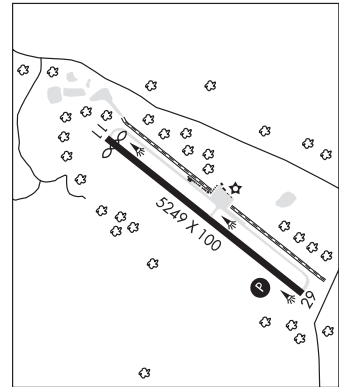
LITTLE RIVER (LLR)(KLLR) 3 SE UTC-8(-7DT) N39°15.72' W123°45.23' **SAN FRANCISCO**
 574 B TPA-1574(1000) NOTAM FILE OAK **H-3B, L-2G**
RWY 11-29: H5249X100 (ASPH) S-60, D-200, 2D-400 MIRL **IAF**
 0.5% up E

RWY 11: Thld dsplcd 200'. Brush.
RWY 29: PAPI(P4L)—GA 3.5° TCH 42'. Trees.
SERVICE: **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 11-29, PAPI Rwy 29—CTAF.

AIRPORT REMARKS: Attended Thu-Mon 1600-0100Z±. For arpt attendant ctc (707) 937-5129.

AIRPORT MANAGER: (707) 463-4363
WEATHER DATA SOURCES: AWOS-AV 121.125 (707) 937-6059.
COMMUNICATIONS: CTAF/AUNICOM 122.7
OAKLAND CENTER APP/DEP CON 132.2

RADIO AIDS TO NAVIGATION: NOTAM FILE UKI.
MENDOCINO (H) VORTACW 112.3 ENI Chan 70 N39°03.19' W123°16.46' 283° 25.6 NM to fld. 2985/16E. **HIWAS.**



LIVERMORE MUNI (LVK)(KLVK) 3 W UTC-8(-7DT) N37°41.60' W121°49.22'

SAN FRANCISCO

400 B TPA—1400(1000) NOTAM FILE LVK

H-3B, L-2F, 3B, A

RWY 07L-25R: H5253X100 (ASPH) S-45, D-60 HIRL 0.5% up E

RWY 07L: PAPI(P4R)—GA 4.0° TCH 32'. Tree.

RWY 25R: MALSR. VASI(V4L)—GA 3.0° TCH 48'. Bldg. Rgt tfc.

RWY 07R-25L: H2699X75 (ASPH) S-12.5 MIRL 0.6% up E

RWY 07R: Rgt tfc.

SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 3 **LGT** When twr clsd, ACTIVATE MALSR Rwy 25R; twy lgts—118.1. HIRL Rwy 07L-25R opr low intensity, to increase intensity ACTIVATE 118.1. MIRL Rwy 07R-25L opr low intensity; not avbl when twr clsd. PAPI Rwy 07L and VASI Rwy 25R opr continuously.

AIRPORT REMARKS: Attended Mon-Fri 1600-0200Z, Sat-Sun 1500-0200Z. Be alert to considerable bird activity on and invof arpt. Do not mistake parallel twy N of Rwy 25R-07L as rwy. Noise sensitive areas 3/4 mile East and 2 miles West of arpt.

AIRPORT MANAGER: (925) 960-8220

WEATHER DATA SOURCES: ASOS (925) 606-5412 LAWRS.

COMMUNICATIONS: CTAF 118.1 ATIS 119.65 925-447-9516 UNICOM 122.95

Ⓡ NORCAL APP CON 123.85 (07R-25L, 07L-25R)

TOWER 118.1 (1500-0500Z) GND CON 121.6

Ⓡ NORCAL DEP CON 123.85 (07R, 07L) 125.35 (25R, 25L)

AIRSPACE: CLASS D svc 1500-0500Z other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE OAK.

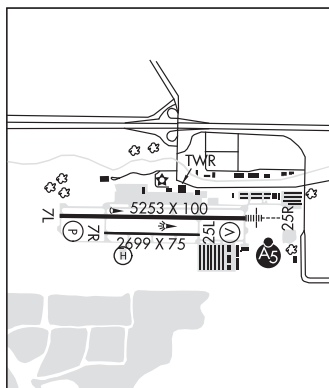
OAKLAND (H) VOR/DME 116.8 OAK Chan 115 N37°43.56' W122°13.42' 079° 19.3 NM to fld. 13/17E. HIWAS.

DME unusable:
340°-040° byd 30 NM blo 8,000'

ILS/DME 110.5 I-LVK Chan 42 Rwy 25R. Class IT. Cpd apchs na blw 1,700'.

COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not avbl at tower. For clnc del when twr is clsd ctc Norcal apch at 916-361-0516.

• • • • •
HELIPAD HI: H24X22 (ASPH)



LODI

KINGDON AIRPARK (O2Ø) 4 SW UTC-8(-7DT) N38°05.50' W121°21.56'

SAN FRANCISCO

15 TPA—815(800) NOTAM FILE RIU

L-2F, 3A

RWY 12-30: H3705X60 (ASPH) RWY LGTS(NSTD)

RWY 12: Thld dsplcd 295'. Fence.

RWY 30: TRCV(TRIL)—GA 4.5° TCH 16'. Thld dsplcd 490'. Road.

SERVICE: **FUEL** 100LL **LGT** Rwy 30 VASI OTS indef. For LIRL Rwy 12-30 key 122.8 5 times.

AIRPORT REMARKS: Attended irregularly on call. Ctc arpt manager at 209-986-0797. Self-fueling fac avbl 24/7. Rwy 12-30 northwest 1000' rough surface. Acft parked 115' left of Rwy 30 centerline southeast end of rwy prior to dsplcd thld. Rwy 12-30 NSTD edge lights 40' from edge of rwy, Rwy 12 lighted thld relocated 295'; Rwy 30 lighted thld relocated 490' for ngt ops. 3215' of Rwy 12-30 usable at ngt. Rwy 12-30 markings extremely faded, Rwy 30 dsplcd thld marked with thld bar only, no numbers, no centerline.

AIRPORT MANAGER: 209-986-0797

COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE RIU.

LINDEN (H) VOR/DME 114.8 LIN Chan 95 N38°04.47' W121°00.23' 257° 16.9 NM to fld. 266/17E.

DME unusable:

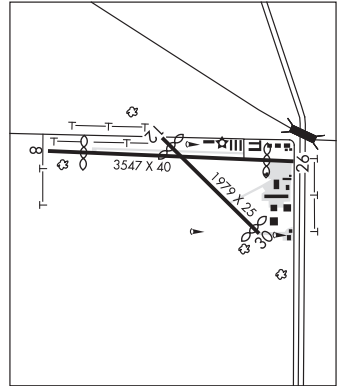
191°-235°

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc Norcal Apch at 916-361-0516.

LODI (103) 4 N UTC-8(-7DT) N38°12.15' W121°16.15'
 60 B TPA—860(800) NOTAM FILE RIU
RWY 08-26: H3547X40 (ASPH) S-30 LIRL(NSTD)

SAN FRANCISCO
 L-2F, 3A
 IAP

RWY 08: Thld dsplcd 515'. Pole.
RWY 26: Thld dsplcd 388'. Pole. Rgt tfc.
RWY 12-30: H1979X25 (ASPH-GRVD) S-30
RWY 12: Thld dsplcd 182'. Tree. Rgt tfc.
RWY 30: Thld dsplcd 102'. Tree.



SERVICE: S4 **FUEL** 100LL, JET A **OX** 3 **LGT** Rwy 08-26 NSTD LIRL located 30' from pavement edge. EOR lights located at both dsplcd thlds to Rwy 08-26. Rwy 08 edge lgts extended approximately 400' west of thld.

AIRPORT REMARKS: Attended 1700Z±-dusk. Parachute Jumping. Automated credit card fuel system 24 hrs a day.

AIRPORT MANAGER: 209-369-9126

COMMUNICATIONS: CTAF 122.9

Ⓡ **NORCAL APP CON** 125.1

Ⓡ **NORCAL DEP CON** 125.1 (Southbound) 125.25 (Northbound)

RADIO AIDS TO NAVIGATION: NOTAM FILE RIU.

LINDEN (H) VOR/DME 114.8 LIN Chan 95 N38°04.47' W121°00.23' 284° 14.7 NM to fld. 266/17E.

DME unusable:
 191°-235°

COMM/NAV/WEATHER REMARKS: For clnc del ctc Norcal apch at 916-361-0516.

LODI AIRPARK (L53) 3 SW UTC-8(-7DT) N38°05.05' W121°18.98'
 25 TPA—825(800) NOTAM FILE RIU

SAN FRANCISCO

RWY 07-25: H1875X22 (ASPH)

RWY 07: Road.

RWY 25: Brush.

SERVICE: S2 **FUEL** 100LL

AIRPORT REMARKS: Attended Jan-Sep 1200-2300Z±; Oct-Dec Mon-Fri 1400-2300Z±. 380' apron extends east from end of Rwy 25. Rwy 25 first 1200 ft is 36 ft wide, remainder is 22 ft wide.

AIRPORT MANAGER: 209-369-4408

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc Norcal Apch at 916-361-0516.

LOMPOC (LPC)(KLPC) 2 N UTC-8(-7DT) N34°39.94' W120°28.05'
 88 B TPA—901(813) NOTAM FILE LPC

LOS ANGELES
 L-3D, 4E, 7A
 IAP

RWY 07-25: H4600X100 (ASPH) S-17 MIRL

RWY 07: Brush.

RWY 25: REIL. VASI(V4L)—GA 3.25° TCH 26'. Trees. Rgt tfc.

SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 3 **LGT** ACTIVATE MIRL Rwy 07-25, VASI and REIL Rwy 25—CTAF.

AIRPORT REMARKS: Attended 1600-0100Z±. Attended by FBO, phone 805-717-3558. Fuel avbl 24 hrs, self-service credit card only. Parachute Jumping. Ultralight and sky diving activity invof arpt dalgt hrs Fri-Sun. Deer on and invof arpt.

AIRPORT MANAGER: 805-875-8268

WEATHER DATA SOURCES: AWOS-3PT 133.875 (805) 735-3075.

COMMUNICATIONS: CTAF/JUNICOM 122.7

Ⓡ **SANTA BARBARA APP/DEP CON** 124.15

Ⓡ **L.A. CENTER APP/DEP CON** 119.05

AIRSPACE: CLASS E svc **incl in extension 1600-0100Z± Mon-Fri, clsd Sat-Sun & holidays other times CLASS G dr.

RADIO AIDS TO NAVIGATION: NOTAM FILE HHR.

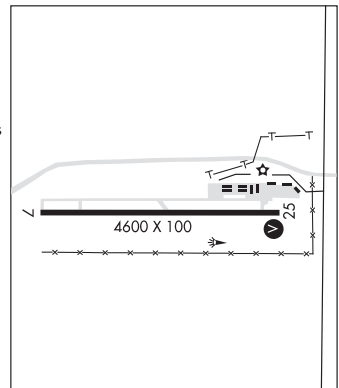
GAVIOTA (L) VORTACW 113.8 GVO Chan 85 N34°31.88' W120°05.47' 277° 20.3 NM to fld. 2616/16E.

VORTAC unusable:

117°-137° byd 35 NM

310°-095° byd 10 NM blo 8,500'

360°-095° byd 20 NM blo 12,500'



LOMPOC HLZ N34°28.10' W120°40.85'/149
 AWOS-3 121.975

LOS ANGELES
 H-4H, L-3D, 4E, 7A

LONE PINE/DEATH VALLEY (026) 1 SE UTC-8(-7DT) N36°35.32' W118°02.96'
 3710 B TPA-4510(800) NOTAM FILE RAL

SAN FRANCISCO

L-9A

RWY 16-34: H3991X60 (ASPH) S-8 MIRL

RWY 16: Tree.

RWY 34: Fence. Rgt tfc.

RWY 13-31: 2391X90 (DIRT) 0.8% up NW

RWY 13: Thld dsplcd 530'. Trees. Rgt tfc.

RWY 31: Fence.

SERVICE: FUEL 100LL, JET A LGT Arpt bcn OTS indef. ACTIVATE MIRL Rwy 16-34 and bcn-CTAF.

AIRPORT REMARKS: Attended irregularly. Fuel 100LL avbl 24 hrs by credit card. Jet A from truck 1600-0100Z±. After hrs callout. Tower located 2700' northwest Rwy 16 apch end (136 AGL) 3717 MSL, unlighted. Pilots be on alert to possible wind shear over trees while on apch Rwy 16 with SE winds 15 knot or greater. Rwy 13-31 restricted to gliders only except PPR-CTAF. Hang glider activity invof arpt. Helicopter tfc apch arpt from E along twy to helipad. Rwy 13 and Rwy 31 no numbers, thlds and dsplcd thld Rwy 13 marked with tires painted white, white R's both ends of rwy left side. Rwy 16-34 numerous cracks in rwy with weed growing out of them.

AIRPORT MANAGER: 760-872-2971

WEATHER DATA SOURCES: AWOS-3 118.25 (760) 876-4014.

COMMUNICATIONS: CTAF/UNICOM 122.8

BISHOP RCO 122.6 (N) (RIVERSIDE RADIO)

RAND MOUNTAIN RCO 122.4 (S) (RIVERSIDE RADIO)

RADIO AIDS TO NAVIGATION: NOTAM FILE BIH.

BISHOP (T) VOR/DME 109.6 BIH Chan 33 N37°22.62' W118°21.99' 147° 49.6 NM to fld. 4117/15E.

VOR/DME unusable:

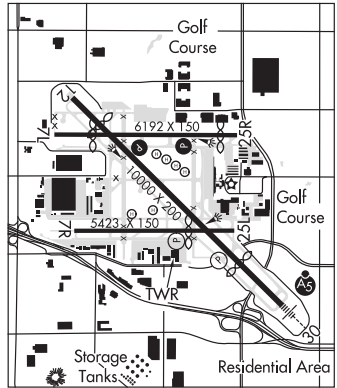
360°-105° byd 18 NM

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HELIPAD H1: H30X30 (ASPH)

LONG BEACH (DAUGHERTY FLD) (LGB)(KLG) 3 NE UTC-8(-7DT) N33°49.06' W118°09.09' LOS ANGELES
 60 B TPA—See Remarks LRA Class I, ARFF Index C NOTAM FILE LGB COPTER
RWY 12-30: H1000X200 (ASPH-GRVD) S-30, D-200, 2S-175, H-41, L-3E, 4G, A
 2D-300 PCN 62 F/A/X/T HIRL CL IAP, AD

RWY 12: REIL. PAPI(P4L)—GA 3.0° TCH 70'. RVR-R Thld dspcd 1350'. Fence. 0.4% down.
RWY 30: MALSR. TDZL. PAPI(P4L)—GA 3.0° TCH 73'. RVR-T Thld dspcd 2000'. Tree. 0.3% up.
RWY 07L-25R: H6192X150 (ASPH-PFC) S-30, D-70, 2S-89, 2D-110 PCN 54 F/B/W/T HIRL 0.3% up W
RWY 07L: Thld dspcd 1305'. Pole.
RWY 25R: REIL. PAPI(P4L)—GA 3.1° TCH 62'. Thld dspcd 532'. Road. Rgt tfc.
RWY 07R-25L: H5423X150 (ASPH) S-30, D-75, 2S-95 MIRL 0.4% up W
RWY 07R: Tower. Rgt tfc.
RWY 25L: REIL. PAPI(P4L)—GA 4.0° TCH 65'. Thld dspcd 1505'. Trees.



LAND AND HOLD—SHORT OPERATIONS

| LDG RWY | HOLD—SHORT POINT | AVBL LDG DIST |
|---------|------------------|---------------|
| RWY 07R | 12-30 | 3890 |
| RWY 12 | 07R-25L | 4740 |
| RWY 25R | 12-30 | 3400 |
| RWY 30 | 07L-25R | 5850 |

RUNWAY DECLARED DISTANCE INFORMATION

RWY 07L:TORA-6192 TODA-6192 ASDA-6192 LDA-4887
RWY 07R:TORA-3918 TODA-3918 ASDA-3918 LDA-3918
RWY 12: TORA-10000 TODA-10000 ASDA-10000 LDA-8650
RWY 25L:TORA-5423 TODA-5423 ASDA-5423 LDA-3898
RWY 25R:TORA-6192 TODA-6192 ASDA-6192 LDA-5660
RWY 30: TORA-10000 TODA-10000 ASDA-9417 LDA-7415

SERVICE: S4 FUEL 100LL, JET A OX 1, 2, 3, 4 LGT PAPI Rwy 25L OTS indef. When twr clsd ACTIVATE MALSR Rwy 30, PAPI Rwy 12 and Rwy 25R—CTAF, Rwy 12-30 HIRL lgtg during hrs twr clsd. REIL Rwy 12, Rwy 25R, and Rwy 25L, HIRL Rwy 07L-25R, MIRL Rwy 07R-25L, CL TDZL lgtg Rwy 12-30 not avbl when twr clsd. PAPI Rwy 25L opr 1500-0600 only. PAPI Rwy 30 opr continuously.

AIRPORT REMARKS: Attended continuously. All rwy CLOSED 0600-1500Z exc Rwy 12-30. No fld condition NOTAMs avbl 0600-1500Z. Birds on and invof arpt. Airships moored in infld and opr invof arpt. TPA is 1060 (1000) for piston acft and 1560 (1500) for large or turbine powered acft. Rwy 07R lgtg twr 152' AGL 2500' West and 500' South of rwy thld. 6' lgtg chain link fence lctd 130' South of cntrln of Twy F. Fence begins NW corner of twr and extends 400' to West. 24 hr PN reqd for mil jets and civ Non-Stage III Jets, etc NS ABTMT 562-570-2635 or freq 122.85 Mon-Fri 1530-0030Z. NS ABTMT info on 122.85. Noise limits (decibels single event noise exposure level), Rwy 25R tkf 92.0-ldg 88.0, Rwy 07L tkf 88.0-ldg 92.0, Rwy 25L tkf 95.0 ldg 93.0, Rwy 07R tkf 95.0 ldg 92.0. Rwy 12 and 30 1500-0600Z tkf 102.5 ldg 101.5, 1400-1500Z and 0600-0700Z tkf 90.0 ldg 90.0, 0700-1400Z tkf 79.0 ldg 79.0. Touch and go, stop and go, low apch only permitted 1500-0300Z weekdays and 1600-2300Z weekends and hol only on Rwy 07L-25R and Rwy 07R-25L. Rwy 12-30 max ldg weights A-330 347,000 lbs, A-340 379,000 lbs, DC-10-10, DC 10 30/40 and MD-11 379,000 lbs-1011 354,000 lbs. Max tkf weights DC-10 30/40 and MD-11 588,100 lbs, C-17 538,600 lbs. Max ldg weight for C-17 at or byd GS or rwy aiming point marking 538,600 lbs. Rwy 30 ldg prior to rwy aiming point marking 344,000 lbs. All acft on or entering left downwind Rwy 25L must remain north of signal hill unless specifically instructed by ATC otherwise. All acft on downwind Rwy 25L are not authorized to turn base or begin decent until east of Rwy 30 unless specifically instructed to do so by ATC. All acft on downwind Rwy 07L are not authorized to turn base or begin decent until west of Rwy 12 unless specifically instructed to do so by ATC. Twy D3 and L3 weight limits A-340, DC-10 30/40 and MD-11 541,000 lbs, C-17 450,000 lbs. No twy access to Rwy 07L West of Twy D, 4897' remaining on Rwy 07L from Twy D. Engine run-ups other than preft are ltd to hrs of 1500-0500Z weekdays and 1700-0500Z weekends and hol. Trng helipads H1, H2, H3 and H4 lctd North of Rwy 12-30 midfld btr Twys G and K. Trng helipads H5 and H6 lctd South of Rwy 12-30 btr Twys D and J for hover work only. Helipad H1, H2, H4, H5, and H6 20 X 20 asph. Helipad H3 35 X 300 asph. No running ldg/tkofs by Helicopters with skid-type ldg gear on Rwy 07L-25R. Rolling ldg/tkofs with helicopters with wheel-type ldg gear are permitted. NOTE: See Special Notices — Air Carrier Operations Vicinity of Long Beach (Daugherty Fld), CA.

AIRPORT MANAGER: (562) 570-2619

WEATHER DATA SOURCES: ASOS (562) 424-0572

COMMUNICATIONS: CTAF 119.4 ATIS 127.75 562-595-8564 UNICOM 122.95

Ⓡ SOCAL APP CON 125.35

TOWER 119.4 (Rwy 30 apch, Rwy 12 dep) 120.5 (Rwy 12 apch, Rwy 30 dep) (1415-0745Z)

Ⓡ SOCAL DEP CON 127.2

GND CON 133.0 CLNC DEL 118.15 For clnc del when twr clsd call SOCAL Aech 800-448-3724.

CONTINUED ON NEXT PAGE

SW, 29 MAR 2018 to 24 MAY 2018

CONTINUED FROM PRECEDING PAGE

AIRSPACE: CLASS D svc 1415-0745Z other times CLASS G.

VOR TEST FACILITY (VOT) 113.9

RADIO AIDS TO NAVIGATION: NOTAM FILE SLI.

SEAL BEACH (L) VORTACW 115.7 SLI Chan 104 N33°47.00' W118°03.29' 278° 5.3 NM to fld. 22/15E. HIWAS.

VOR unusable:

125°-180° byd 30 NM blo 4,000'

TACAN AZIMUTH unusable:

125°-195° byd 20 NM blo 5,000'

DME unusable:

125°-195° byd 20 NM blo 5,000'

BECCA NDB (LOMW) 233 LG N33°45.40' W118°04.64' 301° 5.2 NM to fld. 8/14E. NOTAM FILE LGB.

ILS 110.3 I-LGB Rwy 30. Class IE. LOM BECCA NDB. Unmonitored when lgb ATCT closed.

• • • • •
HELIPAD H1: H20X20 (ASPH)

HELIPAD H2: H20X20 (ASPH)

HELIPAD H3: H300X35 (ASPH)

HELIPAD H4: H20X20 (ASPH)

HELIPAD H5: H20X20 (ASPH)

HELIPAD H6: H20X20 (ASPH)

LONNIE POOL FLD/WEAVERVILLE (See WEAVERVILLE on page 243)

LOS ALAMITOS AAF (SLI)(KSLI) ARNG (AR) 1 SE UTC-8(-7DT) N33°47.40' W118°03.09' LOS ANGELES
36 B NOTAM FILE SLI Not insp. COPTER

RWY 04R-22L: H7999X200 (ASPH-CONC) PCN 36 R/C/W/T HIRL CL H-4I, L-3E, 4H, A
RWY 22L: SALSF. REIL. PAPI(P4L)—GA 3.0° TCH 75'. DIAP, AD

RWY 04L-22R: H5901X150 (PEM) PCN 36 F/C/W/T MIRL

SERVICE: FUEL JET A1+, B+ LGT HIRL elev 1' and lctd 5' fr edge of rwy. MILITARY— JASU 4(E3) 2(AGPU)
2(AM32A-60B-Wo DC pwr) FUEL J8.

MILITARY REMARKS: Attended Mon 1400-0200Z, Tue-Thu 1400-0500Z, Fri 1400-0200Z, Sat-Sun 1530-2300Z, closed holidays. RSTD PPR ctc afd ops DSN 972-2571, C562-795-2571; <http://www.calguard.ca.gov/aa-losai>. For special after hrs ldg and afd lighting requests for acft weighing under 14,500 lbs, call afd ops at 562-795-2571. NS ABTMT Procedure in effect. All dep rqr briefings. MISC To exceed weight bearing capacity ctc Afd ops. See AP/1 Route and Area Rstd and Supplementary Arpt Remark. Winds are accurate to within +/- 4 knots.

ARNG AASF OPS Opr Mon Fri, 1530 2330Z, except holidays. DSN 972 2006, C562 795 2006

<http://www.calguard.ca.gov/aasf1>.

AIRPORT MANAGER: 562-795-2571

COMMUNICATIONS: ATIS 118.875 379.975

Ⓡ SOCIAL APP/DEP CON 125.35 316.125 (2100-0500Z Tue-Thu, 1500-2300Z Fri-Mon, clsd holidays)

TOWER 123.85 251.15 (1500-0500Z Tue-Thu, 1600-0000Z Fri-Mon, clsd holidays) GND CON 126.95 257.95

CLNC DEL For clnc del when twr clsd call SOCIAL App 800-448-3724.

AFLD OPS ADVSY SVC - Opr Mon-Fri 1400-0200Z, Tue-Thu 1400-0600Z, Sat-Sun 1530-0000Z, clsd hol. 126.2

237.2 USAR OPS 139.05 230.9 (1530-0030Z Mon - Fri, clsd holidays) PMSV 239.8

ARNG AASF OPS 233.8 41.5 (1530-0030Z Mon - Fri, clsd holidays)

AIRSPACE: CLASS D svc 1500-0500Z Tue-Thu, 1600-0000Z Fri-Mon, clsd holidays other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE SLI.

SEAL BEACH (L) VORTACW 115.7 SLI Chan 104 N33°47.00' W118°03.29' at fld. 22/15E. HIWAS.

VOR unusable:

125°-180° byd 30 NM blo 4,000'

TACAN AZIMUTH unusable:

125°-195° byd 20 NM blo 5,000'

DME unusable:

125°-195° byd 20 NM blo 5,000'

ASR/PAR (2100-0500Z Tue-Thu, 1500-2300Z Fri-Mon, clsd hol)

COMM/NAV/WEATHER REMARKS: Radar see Terminal FLIP for Radar Minima. CTAf: Afd ops advisory 126.2/237.2 when Los Alamitos twr clsd.

LOS ANGELES

LOS ANGELES INTL (LAX)(KLAX) P (AF CG) 9 SW UTC-8(-7DT)

N33°56.55' W118°24.48'

LOS ANGELES

128 B LRA Class I, ARFF Index E NOTAM FILE LAX

COPTER

RWY 07L-25R: H12923X150 (CONC-GRVD) PCN 70 R/A/W/T HIRL CL

H-4I, L-3E, 4G, 7B, A

IAP, AD

RWY 07L: MALSR. TDZL. PAPI(P4L)—GA 3.0° TCH 83'. RVR-TMR Thld dsplcd 832'. Rgt tfc.

RWY 25R: MALSR. PAPI(P4L)—GA 3.0° TCH 75'. RVR-TMR Thld dsplcd 957'. Railroad. 0.3% up.

RWY 07R-25L: H11095X200 (ASPH-CONC-GRVD) PCN 75 R/A/W/T HIRL CL

RWY 07R: MALSR. PAPI(P4L)—GA 3.0° TCH 57'. RVR-TMR Pole. Rgt tfc.

RWY 25L: ALSF2. TDZL. PAPI(P4R)—GA 3.0° TCH 70'. RVR-TMR Railroad. 0.3% up.

RWY 06R-24L: H10885X150 (CONC-GRVD) PCN 70 R/A/W/T HIRL CL

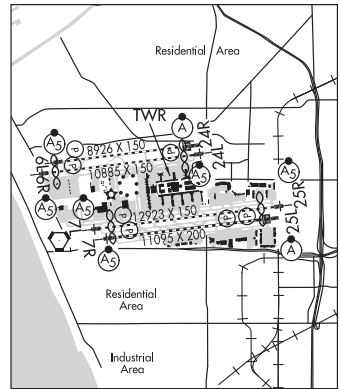
RWY 06R: MALSR. PAPI(P4L)—GA 3.0° TCH 69'. RVR-TMR Thld dsplcd 537'. Pole.

RWY 24L: MALSR. PAPI(P4R)—GA 3.0° TCH 79'. RVR-TMR Thld dsplcd 801'. Rgt tfc.

RWY 06L-24R: H8926X150 (CONC-GRVD) PCN 70 R/A/W/T HIRL CL

RWY 06L: MALSR. PAPI(P4L)—GA 3.0° TCH 77'. RVR-TMR Pole.

RWY 24R: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 73'. RVR-TMR Sign. Rgt tfc.



RUNWAY DECLARED DISTANCE INFORMATION

RWY 06L:TORA-8925 TODA-8925 ASDA-8566 LDA-8566

RWY 06R:TORA-10285 TODA-10285 ASDA-10285 LDA-9748

RWY 07L:TORA-12091 TODA-12091 ASDA-12091 LDA-11259

RWY 07R:TORA-11095 TODA-11095 ASDA-11095 LDA-11095

RWY 24L:TORA-10285 TODA-10285 ASDA-10285 LDA-9483

RWY 24R:TORA-8925 TODA-8925 ASDA-8925 LDA-8925

RWY 25L:TORA-11095 TODA-11095 ASDA-11095 LDA-11095

RWY 25R:TORA-12091 TODA-12091 ASDA-12091 LDA-11134

SERVICE: S4 **FUEL** JET A **OX** 1, 3 **LGT** Rwy 24R ALSF2 operates as SSALR until weather goes below VFR. Rwy 25L

ALSF2 operates as SSALR till weather goes below VFR. **MILITARY— FUEL** A, A+ (C310-258-9884) **FLUID** LH0X

AIRPORT REMARKS: Attended continuously. Rwy 25L preferred emerg rwy. Numerous birds on and in/ovf airport. Turbulence may be deflected upward from the blast fence 180' east of Rwy 25R. Major construction on arpt daily. American Eagle terminal southbound taxing acft use minimum power due to blast hazard. Any acft that comes to a stop, or has its momentum interrupted while turning and taxiing into its parking position, must stop and be towed. Acft use minimum power when taxiing vicinity terminals due blast hazard. Southbound turn not avbl from W remote gate 208 and W remote gate 209. ASDE-X in use. Operate transponders with altitude reporting mode and ADS-B (if equipped) enabled on all airport surfaces. Practice instrument approaches and touch and go landings are prohibited. Noise sensitive arpt, on westerly tkfs no turns before crossing shoreline, over-ocean apchs utilized 0800-1430Z†. Twy E13 south of Twy E clsd to acft with wingspan over 125'. For acft with wingspan greater than 214' ctc LAX airspace ops 424-646-5292 for arpt instructions. B763 acft and greater holding on taxilane C abeam T4 are not authorized to make the left turn on Twy C10 under power. Twy D between Twy D-7 and D-8 (north of terminal one) clsd to acft with wingspan greater than 157'. B772 acft and greater outbound from taxilane D8 may not turn westbound onto taxilane D under power. B772 acft eastbound on taxilane C are not authorized to transition to Twy B at Twy C9. Acft with len greater than 207' are prohibited on Taxilanes C8 and C9 btn Taxilane C and Twy B. West remote gates: acft use of open gates as taxi path is prohibited (gates 206, 207, 208, 209). Simultaneous acft ops prohibited on Twy T and Twy H9 between Rwy 07L-25R and Rwy 07R-25L. Simultaneous acft ops prohibited on Twy H2 and Twy G between Rwy 07L-25R and Rwy 07R-25L. Rwy status lgts in opr. Flight Notification Service (ADCUS) available. NOTE: See Special Notices—Noise Abatement Procedures, Continuous Power Facilities.

AIRPORT MANAGER: 424-646-5060

WEATHER DATA SOURCES: ASOS (310) 568-1486 WSP.

COMMUNICATIONS: D-ATIS ARR 133.8 D-ATIS DEP 135.65 310-646-2297 UNICOM 122.95

Ⓡ **SOCAL APP CON** 128.5 (045°-089°), 124.9 (090°-224°), 124.5 (225°-044°) 124.3 (App from west)

TOWER 133.9 (N. complex), 120.95 (S. complex) 119.8

GND CON 121.75 (S. complex) 121.65 (N. complex) 121.4 (west) **CLNC DEL** 120.35

Ⓡ **SOCAL DEP CON** 125.2 (225°-044°) 124.3 (Dep to west)

CPDLC (LOGON KUSA)

AIRSPACE: CLASS B See VFR Terminal Area Chart CLASS D svc other times CLASS G.

CONTINUED ON NEXT PAGE

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VOR TEST FACILITY (VOT) 113.9

RADIO AIDS TO NAVIGATION: NOTAM FILE LAX.

(H) VORTACW 113.6 LAX Chan 83 N33°55.99' W118°25.92' 050° 1.3 NM to fld. 185/15E.

VOR portion unusable:

270°-277° byd 25 NM blo 8,000'

277°-300° byd 10 NM blo 8,000'

277°-300° byd 28 NM blo 12,000'

175°-205° byd 10 NM blo 3,000'

ILS/DME 108.5 I-UWU Chan 22 Rwy 06L. Class IE. Uses I-OSS Rwy 24R DME.

ILS/DME 111.7 I-GPE Chan 54 Rwy 06R. Class IE. Rwy 24L HQB DME used.

ILS/DME 111.1 I-IAS Chan 48 Rwy 07L. Class ID. DME also serves Rwy 25R.

ILS/DME 109.9 I-MKZ Chan 36 Rwy 07R. Class IT. DME also serves LAX ILS Rwy 25L

ILS/DME 111.7 I-HQB Chan 54 Rwy 24L. Class IE. DME also serves Rwy 06R.

ILS/DME 108.5 I-OSS Chan 22 Rwy 24R. Class IIIE. DME also used by I-UWU Rwy 06L.

ILS/DME 109.9 I-LAX Chan 36 Rwy 25L. Class IIIE. DME also serves MKZ ILS Rwy 7R

ILS/DME 111.1 I-CFN Chan 48 Rwy 25R. Class IE. DME also serves Rwy 07L.

WHITEMAN (WHP)(KWHP) 1 E UTC-8(-7DT) N34°15.56' W118°24.81'

1003 B TPA-2003(1000) NOTAM FILE WHP

RWY 12-30: H4120X75 (ASPH) S-12.5 MIRL 1.0% up NW

RWY 12: REIL. PAPI(P2R)—GA 3.8° TCH 48'. Thld dsplcd 729'. P-line.

RWY 30: REIL. PAPI(P2L)—GA 3.8° TCH 69'. Thld dsplcd 478'. P-line.

Rgt tfc.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 12: TORA-3442 TODA-4120 ASDA-3910 LDA-3181

RWY 30: TORA-3191 TODA-4120 ASDA-3940 LDA-3462

SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 3 **LGT** When twr clsd, arpt lgts opr continuously.

AIRPORT REMARKS: Attended continuously. Birds on and invof arpt.

Helicopter ops 2500' MSL (1500' AGL) and below. Arpt CLOSED to helicopter training/pattern opr 0400-1600Z±. Dirt infield areas.

Helicopters advised to use care to prevent blasting dirt and debris onto movement areas.

AIRPORT MANAGER: (818) 896-5271

WEATHER DATA SOURCES: AWOS-3PT 132.1 (818) 899-9820.

COMMUNICATIONS: CTAF 135.0 ATIS 132.1 818-899-9820

UNICOM 122.95

Ⓡ **SOCAL APP/DEP CON** 120.4 (VNY 280°-BUR 050°)

TOWER 135.0 (1600-0400Z±) **GND CON** 125.0

CLNC DEL For clnc del when ATCT clsd call SOCAL App (800) 448-3724

AIRSPACE: CLASS D svc 1600-0400Z± other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE VNY.

VAN NUYS (L) VORW/DME 113.1 VNY Chan 78 N34°13.41' W118°29.50' 046° 4.4 NM to fld. 812/15E.

VOR/DME unusable:

010°-030° byd 20 NM blo 6,700'

030°-050° byd 25 NM blo 8,600'

330°-350° byd 25 NM blo 5,500'

350°-010° byd 15 NM blo 6,100'

DME unusable:

094°-096° byd 35 NM blo 5,000'

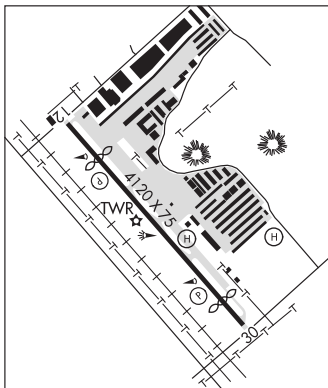
COMM/NAV/WEATHER REMARKS: Whiteman arpt altimeter setting not avbl.

LOS ANGELES

COPTER

L-3E, 4G, 7B, A

IAP, AD



LOS BANOS MUNI (LSN)(KLSN) 1 W UTC-8(-7DT) N37°03.83' W120°52.19'
 121 B TPA-921(800) NOTAM FILE RIU
RWY 14-32: H3801X75 (ASPH) S-23 MIRL

SAN FRANCISCO
 L-3B
 IAP

RWY 14: REIL. PAPI(P2L)—GA 3.0° TCH 30'. P-line. Rgt tfc.
RWY 32: REIL. PAPI(P2L)—GA 3.0° TCH 38'. Tree.

SERVICE: S2 **FUEL** 100LL, JET A **LGT** MIRL Rwy 14-32 preset low intensity until 0800Z. To increase intensity and activate MIRL Rwy 14-32, REIL Rwy 14 and Rwy 32, and PAPI Rwy 14 and Rwy 32—CTAF.

AIRPORT REMARKS: Unattended. 24 hr automated fuel avbl with major credit card. Call 209-827-7070 after hrs for emergency full svc. Avoid overflight of houses south of arpt. No departures over housing areas to east of arpt.

AIRPORT MANAGER: 209-827-7034 X13

WEATHER DATA SOURCES: AWOS-3 118.675 (209) 827-7084.

COMMUNICATIONS: CTAF/UNICOM 122.8

PANOCHÉ RCO 122.1R (FRESNO RADIO)

Ⓡ **NORCAL APP/DEP CON** 120.95

RADIO AIDS TO NAVIGATION: NOTAM FILE RIU.

PANOCHÉ (L) VORTAC 112.6 PXN Chan 73 N36°42.93' W120°46.72' 332° 21.3 NM to fld. 2060/16E.

VOR unusable:

230°-280° byd 7NM blo 9,000'

COMM/NAV/WEATHER REMARKS: For Cinc Del ctc Norcal Apch at 916-361-0516.

LOST HILLS-KERN CO (L84) 1 NE UTC-8(-7DT) N35°37.49' W119°41.17'
 274 TPA-1274(1000) NOTAM FILE RIU

LOS ANGELES
 L-3D, 7B

RWY 15-33: H3020X60 (ASPH) S-12

RWY 33: P-line. Rgt tfc.

AIRPORT REMARKS: Unattended. No agriculture flights except by PPR arpt manager 661-391-1800.

AIRPORT MANAGER: 661-391-1824

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE RIU.

AVENAL (H) VOR/DME 117.1 AVE Chan 118 N35°38.82' W119°58.72' 079° 14.4 NM to fld. 710/16E.

VOR unusable:

145°-280° byd 25 blo 10,000'

281°-300° byd 25 blo 9,000'

DME unusable:

145°-280° byd 25 blo 10,000'

281°-300° byd 25 blo 9,000'

LOST ISLE SPB (See STOCKTON on page 223)

MADERA MUNI (MAE)(KMAE) 3 NW UTC-8(-7DT) N36°59.19' W120°06.76'
 255 B TPA-1255(1000) NOTAM FILE MAE
RWY 12-30: H5545X150 (ASPH) S-30 MIRL

SAN FRANCISCO
 H-3B, L-3C
 IAP

RWY 12: REIL. PAPI(P2L)—GA 3.0° TCH 34'. Rgt tfc.

RWY 30: MALSF. PAPI(P2L)—GA 3.0° TCH 34'.

RWY 08-26: H3702X150 (ASPH) S-30 0.3% up E

RWY 08: Rgt tfc.

SERVICE: S4 **FUEL** 100LL, JET A **OX** 3, 4 **LGT** ACTIVATE MIRL Rwy 12-30 PAPI Rwy 12 and Rwy 30, REIL Rwy 12, MALSF Rwy 30 and wind tee—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1500-0000Z. Fuel avbl 24 hours with automated credit card. Jet A single point pressure refueling avbl via truck. Parachute Jumping. Ultralight activity on and invof arpt. Rwy 08-26 restricted for agriculture use only. Rwy 12 200'X150' ovrn ASPH. Rwy 30 200'X150' ovrn ASPH.

AIRPORT MANAGER: 559-661-3687

WEATHER DATA SOURCES: ASOS 134.725 (559) 674-1781.

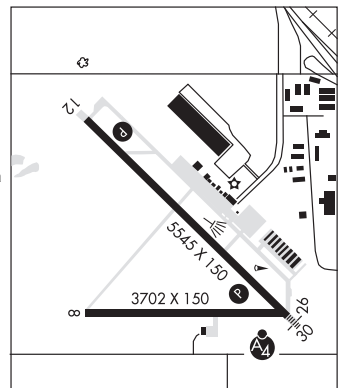
COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **FRESNO APP/DEP CON** 119.45

RADIO AIDS TO NAVIGATION: NOTAM FILE FAT.

CLOVIS (H) VORTACW 112.9 CZQ Chan 76 N36°53.06'

W119°48.91' 278° 15.6 NM to fld. 360/15E.



MAMMOTH LAKES**MAMMOTH YOSEMITE** (MMH)(KMMH) 6 E UTC-8(-7DT) N37°37.44' W118°50.33'

SAN FRANCISCO

7135 B TPA—8007(872) Class I, ARFF Index B NOTAM FILE MMH

H-3C, L-SA

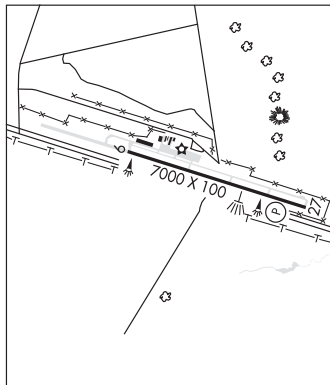
RWY 09-27: H7000X100 (ASPH-GRVD) S-85, D-150 PCN 32 F/B/X/T

IAP

MIRL 1.0% up W

RWY 27: REIL. PAPI(P4L)—GA 3.0° TCH 45'. Rgt tfc.**RUNWAY DECLARED DISTANCE INFORMATION****RWY 09:** TORA-7000 TODA-7000 ASDA-7000 LDA-7000**RWY 27:** TORA-7000 TODA-7000 ASDA-7000 LDA-7000**SERVICE:** FUEL 100LL, JET A OX 1 LGT ACTIVATE REIL Rwy 27 and MIRL Rwy 09-27—CTAF.

AIRPORT REMARKS: Attended 1600-0300Z±. 100LL fuel avbl 24 hrs, card lock sys. Ngt flying not recommended without knowledge of lcl terrain. No snow removal dur ngt time hrs without prior permission. CLOSED to air carrier ops of charter ops, business jet ops, and scheduled commercial ops of air carrier with more than 30 pax and/or wingspans greater than 79' exc 24 hr PPR call arpt mgr 760-965-3620. Apch reference code B/III/5000. Dep reference code B/III. Ridge 3 NM from AER 09. Ridge at Rwy 27 is 304' abv rwy and 1200' north of cntrln with haz bcn. 33' pole lctd 400' west of AER 27 and 375' south of Rwy 27 cntrln marked with obst lgt. Arpt lctd in mountainous terrain with ocnl strong winds and turbulence. Lgtd windsock avbl at rwy ends and cntrfld. With southerly crosswinds in excess of 15 kts, exp turbulence and possible windshear along first 3000' of Rwy 27. NS ABTMT acct arr from the south or dep to the south remain east of highway 395. Cold temperature rstd arpt. Altitude correction required at or blo -25C. Ldg fee.

**AIRPORT MANAGER:** 760-934-3813**WEATHER DATA SOURCES:** AWOS-3 118.05 (760) 934-6020.**COMMUNICATIONS:** CTAF/UNICOM 122.8**MANMOTH RCO** 122.15 (RIVERSIDE RADIO)**OAKLAND CENTER APP/DEP CON** 125.75**AIRSPACE:** CLASS E**RADIO AIDS TO NAVIGATION:** NOTAM FILE BIH.**BISHOP (T) VOR/DME** 109.6 BIH Chan 33 N37°22.62' W118°21.99' 288° 27.0 NM to fld. 4117/15E.

VOR/DME unusable:

360°-105° byd 18 NM

MAMMOTH YOSEMITE (See MAMMOTH LAKES on page 158)

MARCH ARB (RIV)(KRIV) MIL/CIV AF 6 SE UTC-8(-7DT) N33°52.92' W117°15.54'
 1536 B TPA—See Remarks AOE NOTAM FILE RIV Not insp.
RWY 14-32: H13302X200 (CONC) PCN 44 R/B/W/T HIRL
RWY 14: PAPI(P4L)—GA 2.59° TCH 56'. RVR-TMR
RWY 32: ALSF1. PAPI(P4L)—GA 3.0° TCH 59'. RVR-TMR
RWY 12-30: H3061X100 (ASPH) PCN 20 F/A/W/T

LOS ANGELES
COPTER
H-4I, L-4H, A
DIAP, AD

ARRESTING GEAR/SYSTEM

RWY 14 TYPE-H BAK-12B(B) (1500') TYPE-H BAK-12B(B) (1500') **RWY 32 SERVICE:** S4 **FUEL** 100LL, JET A, A++ **OX 1, 2, 3, 4** **MILITARY—** LGT Rwy 14 PAPI angle nstd 2.59 deg, TCH 56'. PAPI Rwy 32 angle 3.0 deg, TCH 59'. **JASU** (MC-2A) (A/M32A-86) (AM32-95) **FUEL** A++ , 100LL Full svc 100LL avbl at FBO. Self-svc 100LL unavbl at FBO. **FLUID** SP LHOX LOX LHNIT **OIL** SOAP avbl only on reserve wkend. 0-148 **TRAN ALERT** Opr 1500-0400Z‡ Mon-Sat; 1500-0300Z‡ Sun. Tran acct no practice apch 0500-1500Z‡.

AIRPORT REMARKS: Attended 1500-0700Z‡, clsd hol. Rwy 12-30 CLOSED to public use only. Rwy 12-30 CLOSED to public due to munitions and explosives ops in close proximity of Rwy 12-30 per UFC and DOD regulations. Use extreme caution for extensive UAS ops in vicinity. Extv glider, skydiving, balloonist and ultralight activity at Perris Arpt, 7 NM south of March. Heavy mil flt trng. TPA—rectangular Rwy 14-32 3000' (1464'), Rwy 12-30 2500' (964'); overhead Rwy 14-32 3500' (1964'), Rwy 12-30 2500' (964'). Joint use arpt owned and opr by US Air Force/no civil touch and go ops or maneuvers. Aflid use agreement with civil arpt authority (March Inland Port Arpt Authority) mil, civ coml and general aviation (GA) uses. General aviation ops PPR and/or ldg permit not rqr for use of civ apron and ramps. FBO info 951-247-2111/freq 130.075. General aviation ops permitted during FBO BUS HRS. FBO bus hrs 1400-0600Z‡ Mon-Fri, open Sat-Sun (if req prior to close of bus Fri) and will honor medical req made at any time, call 951-247-2111.

MILITARY REMARKS: Attended 1500-0700Z‡, clsd hol. Ops 0700-1500Z‡ and on hol rstd to KRIV based alert msn. General Aviation ops PPR and/or ldg permit not rqr for use of civ apron and ramps. FBO info 951-247-2111/freq 130.075. See FLIP AP/1 Supplementary Arpt Info. 24 hr PN/PPR for all tran acct, ctc aflid mgmt OPS DSN 312-447-4404/2422, C951-655-4404/2422. 24 hr PN acct with PAX/cargo ctc Comd Post DSN 312-447-4665 24 with type cargo and number of PAX. Inbound acct with PAX or DV ctc Comd Post no later than 2 hr prior to ETA and again no later than 1 hr ETA. **RSTD** Rwy 12-30 and helipad not avbl for public use. Rwy 14-32 avbl for public use rstd to full stop ldg to FBO and straight-in low approach tfc permitting. RSRs rstd Det 1, 144 FW F-16 acct. AMP-3 LZ lgt instl in Rwy 14-32 rstd to 452 AMW acct. Tran acct trns trng rstd when noxt vision devices in use. 180° turns not auth on asphalt portions of Rwy 14-32. 180° turns auth on conc portions of Rwy 14-32. Med to large frame acct not allowed to taxi on Lima prk row w flw me escort. All acct must advs ATC prior to executing a Vis Climb Over Arpt (VCOA). **CAUTION** Rwy mark-landing zone (LZ) mark(3500' X90') painted on Rwy 32 for base asgn C17 acct only. NSTD ctl twr ctl LZ lgt instl 300' N of AER 32. NSTD TACAN checkpoint signs located at Twy A and Twy F. **MISC** SRS authorized for Det 144 F/W F16 acct only. Transportation limited, prior coordination rqr, ctc DSN 312-447-7787 wknd. **CSTMS/AG/IMG** Min 24 hr PN rqr, ctc aflid mgmt ops DSN 312-447-4404/2422, C951-655-4404/2422. Ltd svc on call Ontario Intl based CSTMS exp 2 hr delay for no ntc acct aflid arr CSTMS rqr. CBP Form 7507 Gen Declaration, CBP form 6059B CSTMS Declaration fr all pax. PAX/cargo manifest rqr as applicable. Crew, PAX, cargo rqr to remain in acct til released by CSTMS. Apv Ldg Rights and Ovft Exm req. Not a port of entry, IMG svc ltd, case-by-case basis. Ctc PTD 2 hr prior to ldg via drct A/G com or fone patch. **RWY** Rwy 12-30 has extv cracks, vegetation, and loose rocks; Rwy 14 apch end full width conc first 500', flw 110' taper to 75' width conc on cntrin remaining 125' width asphalt. Rwy 32 apch end full width conc first 1000', flw 110' taper to 100' width conc on cntrin remaining 100 width asphalt; twy lead-in 75' width conc.

AIRPORT MANAGER: 951-203-7797

COMMUNICATIONS: ATIS 134.75 239.05 **PTD** 372.2 (Reception extremely ltd due to high surrounding terrain.)

HOMELAND RCO 122.1R 113.4T (RIVERSIDE RADIO)

APP/DEP CON 119.25 133.5 306.975 1500-0700Z‡, clsd hol, other times ctc

® **SOCAL APP/DEP** 134.0 278.3

TOWER 127.65 253.5 **GND CON** 121.75 335.8 **CLNC DEL** 121.75 335.8

COMD POST 311.0 349.4 **PMSV METRO** 239.8 Wx Station 24 hrs, DSN 447-3602, C951-655-3602. Augmented AWOS in use. For additional info or dur evac of wx, ctc the 25th OWS at Davis Monthan AFB, AZ DSN 312-228-6698, C520-228-6698.

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AIRSPACE: CLASS C svc ctc **APP CON** svc opr 1500-0700Z†, csld holidays other times ctc socat app/dep other times CLASS D.

RADIO AIDS TO NAVIGATION: NOTAM FILE RAL.

PARADISE (H) VORTAC 112.2 PDZ Chan 59 N33°55.10' W117°31.80' 084° 13.7 NM to fld. 1432/15E.

TACAN AZIMUTH unusable:

130°-145° byd 25 NM blo 5,000'
 145°-190° blo 8,000'
 190°-230° blo 10,000'
 310°-325° byd 35 NM blo 10,900'
 325°-345° byd 25 NM blo 11,500'
 345°-360° byd 35 NM blo 10,500'

VOR unusable:

010°-015° byd 20 NM blo 10,000'
 130°-145° byd 25 NM blo 5,000'
 145°-190° blo 8,000'
 145°-190° byd 25 NM blo 10,000'
 145°-190° byd 39 NM blo 13,500'
 190°-230° blo 10,000'
 310°-325° byd 35 NM blo 10,900'
 325°-345° byd 25 NM blo 11,500'
 345°-360° byd 35 NM blo 10,500'

DME unusable:

130°-145° byd 25 NM blo 5,000'
 145°-190° blo 8,000'
 190°-230° blo 10,000'
 310°-325° byd 35 NM blo 10,900'
 325°-345° byd 25 NM blo 11,500'
 345°-360° byd 35 NM blo 10,500'

HOMELAND (L) VOR 113.4 HDF N33°46.58' W117°11.12' 316° 7.3 NM to fld. 1414/14E.

VOR unusable:

000°-040° byd 20 NM blo 12,000'
 000°-040° byd 30 NM blo 15,500'
 170°-250° byd 10 NM

(L) TACAN Chan 77 RIV (113.0) N33°54.39' W117°16.50' 137° 1.7 NM to fld. 1543/14E. NOTAM FILE RIV.

TACAN AZIMUTH unusable:

035°-055° byd 30 NM blo 17,500'
 210°-220° byd 30 NM blo 10,000'
 250°-275° byd 20 NM blo 8,000'
 305°-330° byd 30 NM blo 13,000'
 330°-350° byd 15 NM blo 17,000'
 350°-035° byd 30 NM blo 14,000'
 No NOTAM MP 1500-1700Z† Thu (1500/3+1), exc last Thu 1500-2300Z† (1500/3+1)

DME unusable:

035°-055° byd 30 NM blo 17,500'
 210°-220° byd 30 NM blo 10,000'
 250°-275° byd 20 NM blo 8,000'
 305°-330° byd 30 NM blo 13,000'
 330°-350° byd 15 NM blo 17,000'
 350°-035° byd 30 NM blo 14,000'

ILS 110.1 I-RIV Rwy 32. Class IE. No NOTAM MP 0500-0900Z† Wed.

MARINA MUNI (OAR)(KOAR) 2 NE UTC-8(-7DT) N36°40.89' W121°45.70' **SAN FRANCISCO**
 137 B TPA—1137(1000) NOTAM FILE OAK **L-3B**
RWY 11-29: H3483X75 (ASPH) S-20, D-50 MIRL **IAP**
RWY 29: PAPI(P2L)—GA 3.0° TCH 45'. Rgt tfc.
SERVICE: S4 **FUEL** 100LL, JET A **OX** 3, 4 **LGT** ACTIVATE MIRL Rwy 11-29—CTAF 7 clicks.
AIRPORT REMARKS: Attended Mon-Fri 1600-0100Z†. Fuel avbl (100LL and Jet A) 24 hrs via credit card lock system.
 Parachute Jumping. Ultralight and skydiving activity on and in/ov arpt. Skydiving activity on SE side of arpt. Rwy 29 calm wind rwy. Depart Rwy 29 execute 45° rgt turn to avoid overflight of noise sensitive residential area.
AIRPORT MANAGER: (831) 384-2901
WEATHER DATA SOURCES: AWOS-3PT 134.025 (831) 384-2967.
COMMUNICATIONS: CTAF/UNICOM 122.7
 Ⓡ **NORCAL APP/DEP CON** 133.0 (360°-150°)
RADIO AIDS TO NAVIGATION: NOTAM FILE SNS.
SALINAS (H) VORTACW 117.3 SNS Chan 120 N36°39.83' W121°36.19' 261° 7.7 NM to fld. 80/17E. **HIWAS.**
 VOR portion unusable:
 010°-016° byd 22 NM blo 7,000'
 010°-016° byd 26 NM blo 8,000'
 016°-080° byd 22 NM blo 8,000'
 150°-170° byd 8 NM blo 10,000'
TACAN AZIMUTH & DME unusable:
 010°-080° byd 22 NM blo 8,000'
 150°-200° blo 11,000'
 aerobatic acft wi an area defined as .5 NM rds of SNS 357016.4 (5.3 NM W CVH), blo 3000', avoidance advised
 SR-SS
TACAN AZIMUTH unusable:
 245°-255° byd 20 NM
COMM/NAV/WEATHER REMARKS: For clnc del ctc Norcal apch at 916-361-3748.

MARIPOSA-YOSEMITE (MPI)(KMPI) 4 W UTC-8(-7DT) N37°30.65' W120°02.37' **SAN FRANCISCO**
 2254 B TPA—3254(1000) NOTAM FILE RIU **L-3B, 9A**
RWY 08-26: H3306X60 (ASPH) S-12 MIRL 0.9% up W **IAP**
RWY 08: PAPI(P2L)—GA 4.0° TCH 36'. Tree. Rgt tfc.
RWY 26: PAPI(P2L)—GA 4.5° TCH 40'. Tree.
SERVICE: S7 **FUEL** 100LL, JET A **LGT** ACTIVATE PAPI Rwy 08 and Rwy 26; MIRL Rwy 08-26—CTAF.
AIRPORT REMARKS: Attended Mon-Fri 1800-0000Z†. Fuel avbl 24 hrs with credit card. Birds on and in/ov arpt. Rwy 08 terrain drops along both sides of twy 45' from rwy edge. Limited parking weekends and holidays.
AIRPORT MANAGER: (209) 966-2143
WEATHER DATA SOURCES: AWOS-3 135.6 (209) 966-2912.
COMMUNICATIONS: CTAF/UNICOM 122.7
 Ⓡ **OAKLAND CENTER APP/DEP CON** 121.25
RADIO AIDS TO NAVIGATION: NOTAM FILE RIU.
FRIANT (L) VORTACW 115.6 FRA Chan 103 N37°06.27' W119°35.73' 302° 32.3 NM to fld. 2380/17E.
HIWAS.

MARKLEEVILLE

ALPINE CO (M45) 3 N UTC-8(-7DT) N38°44.09' W119°46.02' **SAN FRANCISCO**
 5872 TPA—6672(800) NOTAM FILE RNO **L-9A**
RWY 17-35: H4443X50 (ASPH) 1.0% up S
RWY 17: Hill.
RWY 35: Rgt tfc.
AIRPORT REMARKS: Unattended. No snow removal, arpt CLOSED when snow on rwy. Soil conditions off rwy is poor in wet conditions. Call public works for additional information 530-694-2140 extension 0. Large stones along edge of rwy off graded surface. Rwy 17-35 ltd by arpt opr to 4,800 lbs single wheel, 9,600 lbs dual wheel.
AIRPORT MANAGER: 530-694-2140
COMMUNICATIONS: CTAF 122.9
RADIO AIDS TO NAVIGATION: NOTAM FILE RNO.
MUSTANG (H) VORTACW 117.9 FMG Chan 126 N39°31.88' W119°39.36' 170° 48.0 NM to fld. 5950/16E.
 VORTAC unusable:
 200°-230° byd 30 NM blo 13,000'

MARYSVILLE

YUBA CO (MYV)(KMYV) 3 SE UTC-8(-7DT) N39°05.87' W121°34.19'

64 B NOTAM FILE MYV

RWY 14-32: H6007X150 (ASPH) S-75, D-100, 2S-127, 2D-150

HIRL

RWY 14: MALSR. REIL. VASI(V4L)—GA 3.0° TCH 50'. Tree.

RWY 32: VASI(V4L)—GA 3.0° TCH 32'. Pole.

RWY 05-23: H3314X60 (ASPH) S-42, D-60, 2D-95

RWY 05: Railroad.

RWY 23: Tree.

SERVICE: S3 FUEL 100LL, JET A LGT ACTIVATE MALSR Rwy 14, REIL Rwy 14, VASI Rwy 14 and Rwy 32, HIRL Rwy 14-32—CTAF.

AIRPORT REMARKS: Attended 1400-0200Z†. All acft enter tfc pattern at 1000' AGL except turbined-powered or large airplanes at 1500' AGL. Migratory flocks of waterfowl invof arpt during the spring and fall of the year. Rwy 23 +35' p-lines 900'-1050' from rwy end running 145' left to 210' rgt.

AIRPORT MANAGER: 530-741-6463

WEATHER DATA SOURCES: ASOS 118.475 (530) 742-0695.

COMMUNICATIONS: CTAF/UNICOM 123.05

RCO 122.1R 122.6 110.8T (RANCHO MURIETA RADIO)

® NORCAL APP/DEP CON 125.4

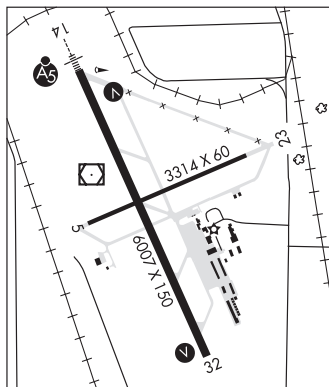
AIRSPACE: CLASS E

RADIO AIDS TO NAVIGATION: NOTAM FILE MYV.

MARYSVILLE (T) VOR/DME 110.8 MYV Chan 45 N39°05.92' W121°34.38' at fld. 62/16E.

ILS 110.5 I-MYV Rwy 14. Class IT. Unmonitored. Auto pilot coupled apchs na blw 576' (1.3 NM fm thld).

COMM/NAV/WEATHER REMARKS: For clnc del ctc Norcal apch at 916-361-6874.



SAN FRANCISCO

H-3B, L-2G, 3A

IAP, AD

MC CLELLAN AIRFIELD (See SACRAMENTO on page 198)

MC CLELLAN-PALOMAR (See CARLSBAD on page 102)

MEADOWS FLD (See BAKERSFIELD on page 88)

MEFFORD FLD (See TULARE on page 232)

MENDOCINO N39°03.19' W123°16.46' NOTAM FILE UKI.

(H) VORTACW 112.3 ENI Chan 70 022° 5.5 NM to Ukiah Muni. 2985/16E. HIWAS.

SAN FRANCISCO

H-3A, L-2G

MENDOTA

WILLIAM ROBERT JOHNSTON MUNI (M90) 0 E UTC-8(-7DT) N36°45.52' W120°22.28'

SAN FRANCISCO

162 TPA—1162(1000) NOTAM FILE RIU

L-3C

RWY 15-33: H3499X50 (ASPH) S-12.5

RWY 33: Thld dsplcd 777'. Bldg. Rgt tfc.

AIRPORT REMARKS: Unattended. Arpt CLOSED ngts. Partial twy rough/uneven sfc; extv asphalt repair and patching.

AIRPORT MANAGER: (559) 630-2849

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE RIU.

PANOCHÉ (L) VORTAC 112.6 PXN Chan 73 N36°42.93' W120°46.72' 066° 19.8 NM to fld. 2060/16E.

VOR unusable:

230°-280° byd 7NM blo 9,000'

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc Norcal Apch at 916-361-0516.

MERCED RGNL/MACREADY FLD (MCE)(KMCE) 2 SW UTC-8(-7DT) N37°17.09' W120°30.84' **SAN FRANCISCO**
 155 B ARFF Index—See Remarks NOTAM FILE MCE **H-3B, L-3B**
RWY 12-30: H5914X150 (ASPH-PFC) S-30, D-100, 2S-175, 2D-155 **IAP**
 HIRL

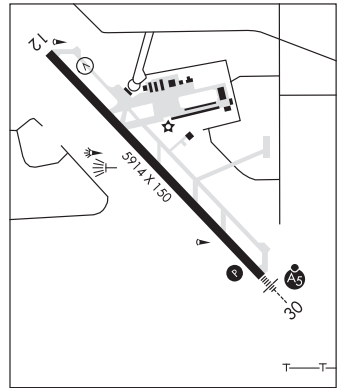
RWY 12: REIL. VASI(V4L)—GA 3.0° TCH 53'. Pole. Rgt tfc.
RWY 30: MALSR. PAPI(P4L)—GA 3.0° TCH 54'. P-line.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 12: TORA-5914 TODA-5914 ASDA-5914 LDA-5914
RWY 30: TORA-5914 TODA-5914 ASDA-5914 LDA-5914

SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTIVATE MALSR Rwy 30, REIL Rwy 12, PAPI Rwy 30, HIRL Rwy 12-30—CTAF; key 7 clicks high, 5 clicks medium, 3 clicks low. VASI Rwy 12 opr continuously.

AIRPORT REMARKS: Attended 1300-0600Z†. For fuel after hours call 209-722-6300. Self-svc 100LL avbl 24/7. Increased seagull activity on rwy in puddles. ARFF Index B 24 hrs PPR. Be alert for extensive student training within 10 NM radius of arpt. Two-way radio communication recommended. Rwy 30 preferred wind rwy. Noise abatement procedures in effect, recommend acft remain east/west of City of Merced at alt above 1,500' MSL. Departing tfc Rwy 12 no left turns over city until reaching 3,000' MSL. Avoid right turns which will position acft over city. PPR 24 hrs for unscheduled air carrier ops with more than 30 passenger seats call arpt manager 209-564-0120. Supplemental wind sock for Rwy 30 not avbl.



AIRPORT MANAGER: 209-385-6873

WEATHER DATA SOURCES: ASOS 132.175 (209) 381-0926.

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ **NORCAL APP/DEP CON** 120.95

AIRSPACE: CLASS E svc 1600-0100Z† other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE MCE.

EL NIDO (L) VOR/DME 114.2 HYP Chan 89 N37°13.17' W120°24.01' 291° 6.7 NM to fld. 184/15E.

MODESTO (H) VOR/DME 114.6 MOD Chan 93 N37°37.64' W120°57.47' 117° 29.5 NM to fld.

93/17E. NOTAM FILE MOD.

aerobatic acft wi an area defined as .5 NM rds of MOD 032028 (7.5 NM sw o22), blo 4800ft, avoidance advised dly sr-ss

ILS/DME 109.3 I-MCE Chan 30 Rwy 30. Class IE. Unmonitored 0100-1600Z†.

COMM/NAV/WEATHER REMARKS: For clnc del ctc Norcal apch at 916-361-0516.

MESA DEL REY (See KING CITY on page 145)

METROPOLITAN OAKLAND INTL (See OAKLAND on page 174)

MIRAMAR MCAS (JOE FOSS FLD) (NKX)(KNKX) MC 3 N UTC-8(-7DT) N32°52.11' W117°08.59' LOS ANGELES
477 B NOTAM FILE NKX Not insp. H-4I, L-4H
DIAP, AD

RWY 06L-24R: H12000X200 (CONC) PCN 66 R/B/W/T HIRL CL

RWY 06L: OLS. PAPI(P4L)—GA 3.0° TCH 52'. 0.4% up.

RWY 24R: ALSF1. OLS. PAPI(P4L)—GA 3.0° TCH 55'.

RWY 06R-24L: H8001X200 (PEM) PCN 62 R/B/W/T HIRL

RWY 06R: OLS. PAPI(P4L)—GA 3.0° TCH 55'. 0.6% up.

RWY 24L: OLS. PAPI(P4L)—GA 3.0° TCH 46'.

ARRESTING GEAR/SYSTEM

RWY 06L HOOK E28(B) (2490')

HOOK E28(B) (2300') **RWY 24R**

RWY 06R HOOK E28(B) (1052')

HOOK E28(B) (2301') **RWY 24L**

SERVICE: LGT PAPI RRP not coincidental with PAR Rwy 24L and Rwy 24R. PAPI units for Rwy 06L/R are optimized for hgt group 2 type acft. **ACTIVATE**—ALSF-1, HIRL, CL and PAPI Rwy 06L-24R-298.925 or 135.2. **MILITARY**— **A-GEAR** Short fld A-Gear Rwy 24R nml de-rigged. **JASU** (NC-10A1) (NC-10C) (A/M47A-4) **FUEL J5 FLUID** SP LHOX LOX OIL O-148-156 **TRAN ALERT** No AMC fleet svc avbl. ALCE team rqr for all AMC fit. Ltd tran svc, no tie-down, oil/laboratory analysis or tran maint svc avbl. No shuttle svc avbl. All VIP acft ctc Afld OPS on PTD 15 min prior to arr.

MILITARY REMARKS: Opr Mon-Thu 1530-0800Z‡, Fri 1630-0200Z‡, Sat CLOSED, Sun 2200-0200Z‡. CLOSED all holidays. See FLIP AP/1 Supplementary Arpt Information. Airfield opr hrs are subject to change. Pilots filing MCAS. Miramar as an alternate or emergency diverts are advised to call airfield opr to verify opr hrs. **RSTD** PPR for all tran acft and TRANSCOM/JOSAC/NALD are required to ctc Visiting Acft Line DSN 267-4284, C858-577-4284 (PPR rstd to 30 min before/after approved time, PPR not valid outside of this window and must be re-coordinated prior to arrival). For staging (local training fit) or high visibility events (VIP M7 and above, MEDEVAC with battle patients, OIF/OEF homecoming, HR/Angel Flt etc) are required to notify Air Ops 1 hr prior to arrival due to 3d MAW CG and Station CO coordination. Please ctc the ops duty officer at DSN 267-4277/4284, C858-577-4277/4284. CTAF and closed field opr (CFO) are not authorized for non-tenant acft. **CAUTION** High mid-air potential, exercise extreme vigilance. Water on the rubber build-up areas of the rwy may produce poor traction and/or breaking action and standing water on rwy may produce hydroplaning condition. Extensive general aviation traffic all altitudes, all directions near afld. High volume civilian VFR traffic along coast W of airfield. All acft arr/dep VFR via corridor rules to/from coastline are advised to exercise extreme caution to avoid hang glider activity near Torrey Pines golf course. NKX R-280/5 DME. **TFC PAT** Reduced rwy separation standards in effect USN/USMC acft opr on parallel rwy 700' apart. Multi practice apch Rwy 06L and Rwy 06R not authorized. Radar vectors to final apch, expect steep descent. **NB ASBTM** Strictly enforced, mandatory procedure and course rules. All transient acft must review and sign Noise Abatement form with flt planning. **MISC** Ordinance, live or inert, not permitted to remain on RON transient acft.

COMMUNICATIONS: SFA ATIS 352.0 PTD 335.625

Ⓡ **SOCAL APP CON** 132.2 269.1 288.325 (288.325 Acft depart W-291 for NKX arrival)

TOWER 135.2 298.925 340.2 (Mon-Thu 1530-0800Z‡, Fri 1530-0200Z‡, Sat clsd, Sun 2200-0200Z‡. Fld CLOSED national holidays and national holiday weekends.

GND CON 128.625 307.325 **CLNC DEL** 125.975 254.325 For clnc del when twr clsd call Socal App 800-448-3724.

Ⓡ **SOCAL DEP CON** 119.6 363.1 (West) 132.2 269.1 (East)

PMSV METRO 342.4

AIRSPACE: CLASS E

RADIO AIDS TO NAVIGATION: NOTAM FILE NKX.

(L) **TACAN** Chan 33 NKX (109.6) N32°52.18' W117°09.29' at fld. 430/12E.

ILS 111.15 I-NKX Rwy 24R. No NOTAM MP: ILS OTS 0600-1200Z‡‡ Thurs, exc dur inclement wx.

ASR/PAR (No NOTAM MP; PAR OTS 1400-2000Z‡ Tues, exc during inclement wx)

COMM/NAV/WEATHER REMARKS: Radar see Terminal FLIP for Radar Minima.

MISSION BAY N32°46.93' W117°13.52' NOTAM FILE SAN. LOS ANGELES
(H) **VORTACV** 117.8 MZB Chan 125 050° 4.8 NM to Montgomery-Gibbs Executive. 12/15E. H-4I, L-4H

VOR portion unusable:

090°-100° byd 28 NM

100°-130° byd 17 NM

130°-190° byd 14 NM

190°-219° byd 20 NM

308°-350° byd 20 NM blo 8,000'

TACAN AZIMUTH unusable:

310°-350° byd 15 NM blo 6,000'

TACAN DME unusable:

310°-350° byd 20 NM blo 6,000'

TACAN AZIMUTH & DME unusable:

310°-350° byd 30 NM blo 10,000'

MODESTO CITY—CO—HARRY SHAM FLD (MOD)(KMOD) 2 SE UTC-8(-7DT) N37°37.55' W120°57.27'

SAN FRANCISCO
H-3B, L-2F, 3B
IAP, AD

99 B Class II, ARFF Index A NOTAM FILE MOD
RWY 10L-28R: H5904X150 (ASPH-GRVD) S-60, D-200, 2S-175,
 2D-400 PCN 38 F/C/X/T HIRL 0.3% up W
RWY 10L: REIL VASI(V4L)—GA 3.0° TCH 50'. Tree.
RWY 28R: MALSR. Road. Rgt tfc.

RWY 10R-28L: H3464X100 (ASPH) S-30 PCN 8 F/C/X/T MIRL
 0.4% up W
RWY 10R: PAPI(P2L)—GA 3.5° TCH 40'. Tree. Rgt tfc.
RWY 28L: PAPI(P2L)—GA 3.0° TCH 29'. Tree.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 10L:TORA-5904 TODA-5904 ASDA-5904 LDA-5904
RWY 10R:TORA-3464 TODA-3464 ASDA-3464 LDA-3464
RWY 28L:TORA-3464 TODA-3464 ASDA-3464 LDA-3464
RWY 28R:TORA-5904 TODA-5904 ASDA-5904 LDA-5904

SERVICE: S4 **FUEL** 100LL, JET A, A1+ **OX** 1, 2 **LGT** When twr clsd,
 ACTIVATE MALSR Rwy 28R, REIL Rwy 10L, HIRL Rwy
 10L-28R—CTAF. PAPI Rwy 10R and Rwy 28L and MIRL Rwy
 10R-28L unavailable when twr clsd.

AIRPORT REMARKS: Attended continuously. Rwy 10R-28L CLOSED to acft
 over 12,500 lbs GWT. Birds and small mammals on and invof arpt.
 Ponding along north edge of Twy B dur and after wet wx. PPR 72 hrs for air carrier ops with more than 30 pax seats
 1600-0100Z± wkdays call arpt mgr 209-577-5318. For NS ABTMT turbojets discontinue ops 0800-1300Z± and park
 on NE ramp. NS ABTMT procedures, pilots are reqd to use lgtd rwy only. All pure jet and large acft ltd to parking and svc
 at NE ramp only. West transit ramp clsd daily 0400-1400Z±, use north transit ramp. Rwy 10R-28L not certificated in
 accordance with FAR-139. Overngt tiedown fee.

AIRPORT MANAGER: 209-577-5318

WEATHER DATA SOURCES: ASOS (209) 572-0914 ASOS oper 0500-1500Z±. LAWRs (1500-0500Z±).

COMMUNICATIONS: CTAF 125.3 ATIS 127.7 UNICOM 122.95

RCO 122.1R 114.6T (RANCHO MURIETA RADIO)

TOWER 125.3 (1500-0500Z±) **GND CON** 121.7

AIRSPACE: CLASS D svc 1500-0500Z± other times CLASS G.

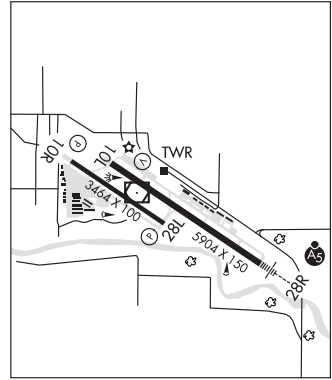
RADIO AIDS TO NAVIGATION: NOTAM FILE MOD.

(H) **VOR/DME** 114.6 MOD Chan 93 N37°37.64' W120°57.47' at fld. 93/17E.

aerobatic acft wi an area defined as .5 NM rds of MOD 032028 (7.5 NM SW 022), blo 4800', avoidance advised dly
 SR-SS

ILS 111.9 I-MOD Rwy 28R. Class IA. Unmonitored when ATCT closed. Autocoupled approaches na blo 1,080'
 MSL (2.8 NM fm thld).

COMM/NAV/WEATHER REMARKS: Aviation wx avbl when twr opr, call 209-526-4555. For clnc del when twr clsd ctc Norcal apch
 at 916-361-0516.



MOFFETT FEDERAL AFLD (See MOUNTAIN VIEW on page 169)

MOJAVE AIR AND SPACE PORT (MHV)(KMHV) 1 E UTC-8(-7DT) N35°03.54' W118°09.04'

LOS ANGELES

2801 B TPA—See Remarks NOTAM FILE MHV

H-41, L-3D, 7-C

RWY 12-30: H12503X200 (ASPH) S-120, D-150, 2D-450 HIRL

IAP, AD

RWY 12: REIL. PAPI(P4L)—GA 3.0° TCH 68'. Thld displcd 600'.
1.0% down.**RWY 30:** REIL. PAPI(P4L)—GA 3.0° TCH 62'. Thld displcd 900'. Rgt tfc.
1.0% up.**RWY 08-26:** H7049X100 (ASPH) S-40, D-60, 2D-88 MIRL
0.6% up W**RWY 08:** PAPI(P2L)—GA 4.0° TCH 55'.**RWY 26:** PAPI(P2L)—GA 3.0° TCH 52'. Rgt tfc.**RWY 04-22:** H4747X60 (ASPH) S-40, D-60, 2D-60 MIRL**RWY 04:** PAPI(P2L)—GA 4.0° TCH 39'. Pole.**RWY 22:** PAPI(P2L)—GA 3.0° TCH 40'. Rgt tfc.**SERVICE:** S4 FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 08-26,
MIRL Rwy 04-22 and HIRL Rwy 12-30, REIL Rwy 12 and Rwy
30—CTAF.**AIRPORT REMARKS:** Attended continuously. Fuel avbl 1530-0030Z‡ other
times ctc security on CTAF, fee charged. Be alert to high speed activity
invof arpt. Fee charged. Paving width Rwy 08 200'. TPA-. CAT C/D and
all turbojet acft TPA 4301' MSL (1500' AGL). CAT A/B acft TPA
3801' MSL (1000' AGL). Helicopter TPA 3301' MSL (500' AGL) and
use south entry and departure. Unlgtd twys connect rwy ends 08 and 12 and Rwy 22 and Rwy 26. Due to rapidly rising
terrain west and northwest of the arpt CAT/C/D and all turbojet acft ldg Rwy 08 must remain at or above 4301' MSL until
commencing base leg turn and at or above 3800' MSL until established on A 2.25 NM final. Rwy 12 unusable byd 2.5
NM. Space Launch Activity Area—See Special Notices.**AIRPORT MANAGER:** 661-824-2433**WEATHER DATA SOURCES:** AWOS-3 132.225 (661) 824-5218. SAWRS.**COMMUNICATIONS:** CTAF 127.6

JOSHUA APP/DEP CON 133.65

TOWER 127.6 (1500-0100Z‡ Mon-Fri) GND CON 123.9

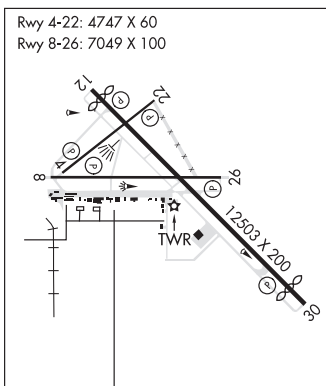
AIRSPACE: CLASS D svc 1500-0100Z‡ Mon-Fri other times CLASS G.**RADIO AIDS TO NAVIGATION:** NOTAM FILE EDW.**EDWARDS (T) VORTAC** 116.4 EDW Chan 111 N34°58.94' W117°43.96' 268° 21.1 NM to fld. 2378/15E.

TACAN AZIMUTH unusable:

095°-115° byd 15 NM blo 2,600'

DME unusable:

095°-115° byd 15 NM blo 2,600'



MONTAGUE

MONTAGUE—YREKA ROHRER FLD (105) 1 W UTC-8(-7DT) N41°43.80' W122°32.67'

KLAMATH FALLS

2527 TPA—3327(800) NOTAM FILE RIU

L-21

RWY 15-33: H3360X50 (ASPH) S-12 MIRL

RWY 15: Rgt tfc.

RWY 33: VASI(V2L)—GA 3.0° TCH 25'. Thld dsplcd 150'. Road.

RWY 05-23: 2080X100 (TURF)

RWY 23: Rgt tfc.

SERVICE: S2 **FUEL** 100LL **LGT** MIRL Rwy 15-33 preset low ints; to increase ints **ACTIVATE**—CTAF.

AIRPORT REMARKS: Unattended. Deer on and invof arpt. Occasional glider and balloon launches. Be alert to mountain north and hills east and west of arpt. Arpt rstd to acft with maximum certificated tkf weight of 12,500 lbs or less; for more information call arpt ops 530-459-5204. Use of rwy tfc patterns strongly recommended. Avoid overflight of town 1/2 mile east of arpt. Rwy 05-23 edges marked with white tires.

AIRPORT MANAGER: (530) 459-3392

COMMUNICATIONS: CTAF/UNICOM 122.8

ANTELOPE MOUNTAIN RCO 122.4 (RANCHO MURIETA RADIO)

RADIO AIDS TO NAVIGATION: NOTAM FILE RIU.

FORT JONES (L) VOR/DME 109.6 FJS Chan 33 N41°26.98' W122°48.39' 016° 20.5 NM to fld. 4900/19E.

HIWAS.

VOR unusable:

080°-135° byd 19 NM

080°-135° byd 9 NM blo 13,000'

190°-300° byd 19 NM

200°-300° byd 8 NM blo 14,000'

DME unusable:

190°-275° byd 19 NM blo 16,000'

NDB (MHW) 404 MOG N41°43.64' W122°28.90' 258° 2.8 NM to fld. 2629/15E. NOTAM FILE SIY. NDB unmonitored.

NDB unusable:

190°-200° byd 10 NM

SISKIYOU CO (SIY)(KSIY) 3 NE UTC-8(-7DT) N41°46.89' W122°28.09'

KLAMATH FALLS

2651 B TPA—3651(1000) NOTAM FILE SIY

H-3B, L-21

RWY 17-35: H7490X150 (ASPH) S-60, D-180, 2S-175, 2D-270

IAP

MIRL

RWY 17: REIL. PAPI(P2L)—GA 3.0° TCH 50'. Road.

RWY 35: REIL. PAPI(P2L)—GA 3.0° TCH 50'. Rgt tfc.

SERVICE: S4 **FUEL** 100LL, JET A **LGT** **ACTIVATE** MIRL Rwy 17-35, PAPI Rwy 17 and Rwy 35, REIL Rwy 17 and Rwy 35—CTAF.

AIRPORT REMARKS: Attended Sun-Fri 1600-0100Z±. Migratory flocks of waterfowl invof arpt during spring and fall. Wildlife invof arpt. Farming activities and equipment invof rwys and twys. Sensitive AG crops adjacent to rwy/twy. Rotocraft should avoid operating in these areas. Be alert for glider ops May-Sept. US Forest Svc fire ops May-Sep. Ldg fee.

AIRPORT MANAGER: (530) 842-8220

WEATHER DATA SOURCES: ASOS 121.125 (530) 459-0267.

COMMUNICATIONS: CTAF/UNICOM 123.0

ANTELOPE MOUNTAIN RCO 122.4 (RANCHO MURIETA RADIO)

® **SEATTLE CENTER APP/DEP CON** 124.85

RADIO AIDS TO NAVIGATION: NOTAM FILE RIU.

FORT JONES (L) VOR/DME 109.6 FJS Chan 33 N41°26.98'

W122°48.39' 018° 25.1 NM to fld. 4900/19E. **HIWAS.**

VOR unusable:

080°-135° byd 19 NM

080°-135° byd 9 NM blo 13,000'

190°-300° byd 19 NM

200°-300° byd 8 NM blo 14,000'

DME unusable:

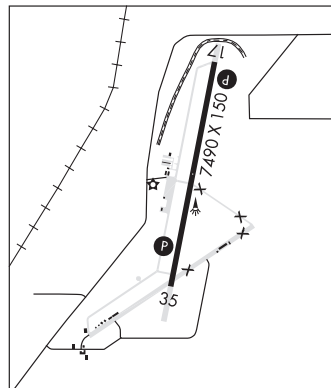
190°-275° byd 19 NM blo 16,000'

MONTAGUE NDB (MHW) 404 MOG N41°43.64' W122°28.90' 356° 3.3 NM to fld. 2629/15E. NOTAM FILE SIY.

NDB unmonitored.

NDB unusable:

190°-200° byd 10 NM



MONTEREY RGNL (MRY)(KMRY) 3 SE UTC-8(-7DT) N36°35.22' W121°50.57'

SAN FRANCISCO

257 B TPA-1757(1500) Class I, ARFF Index B NOTAM FILE MRY

H-3B, L-3B

RWY 10R-28L: H7175X150 (ASPH-GRVD) S-100, D-160, 2S-175, 2D-300 PCN 43 F/A/X/U HIRL 1.4% up E

RWY 10R: MALSR. REIL. PAPI(P4L)—GA 3.0° TCH 47'. RVR-TR Thld dspld 175'.

RWY 28L: REIL. PAPI(P4R)—GA 3.5° TCH 45'. RVR-TR Thld dspld 175'. Rgt tfc.

RWY 10L-28R: H3503X60 (ASPH) S-12.5 MIRL 1.7% up E

RWY 28R: Rgt tfc.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 10R:TORA-7175 TODA-7175 ASDA-7175 LDA-7000

RWY 28L:TORA-7175 TODA-7175 ASDA-7175 LDA-7000

ARRESTING GEAR/SYSTEM

RWY 10R: EMAS

RWY 28L: EMAS

SERVICE: S4 **FUEL** 100LL, JET A **OX 2, 4** **LGT** PAPI **Rwy 28L**

unusable byd 2° left of rwy centerline. When twr clsd, **ACTIVATE**

MALSR **Rwy 10R**, **REIL** **Rwy 28L**, **PAPI** **Rwy 10R**, and **Rwy 28L**,

HIRL **Rwy 10R-28L**—**CTAF**. When twr clsd **Rwy 10L-28R** unlighted.

AIRPORT REMARKS: Attended continuously. Self service fuel avbl 24 hrs with credit card. Svc fuel and repairs between 0600-1400Z† by prior arrangement call 831-373-4151 or 831-373-3201. Fire station apron clsd to hel tfc. User are encouraged to fly 28L apch to reduce noise impacts. Rwy 28L RNAV and RNP apchs are not to be used for practice apchs. Please avoid flights over residential areas, N and S. Ctc arpt ops 831-648-7000 option 2 or www.montereyairport.com for procedures. Rotary wing acft expect to follow fixed wing pattern to rwy ldg. On departure no turns blo 900' unless twr directed. Twr non-visibility area Twy A east holding bay. Acft with wingspan greater than 95' may not taxi past the terminal on Twy Alpha when an MD-80 or 757 is parked at terminal. Acft with wingspan greater than 65' prohibited on Twy Bravo between Twy Echo and Twy Delta. Noise abatement procedures in effect 0700-1500Z†. Facility constraints for commercial diversions. ADG III and larger with seating capacity more than 150 passengers are highly discouraged. CBP processing facilities unavailable. Overnight tiedown fee at FBO, ldg fee charged for acft over 6,000 lbs and helicopters. Overnight tiedown fee at FBO. Ctc FBO for rates and charges. Ltd transient parking PPR rqrd for large and turbine powered multi-engine acft, 831-648-7000 option 2.

AIRPORT MANAGER: 831-648-7000

WEATHER DATA SOURCES: ASOS (831) 642-0241

COMMUNICATIONS: **CTAF** 118.4 **ATIS** 119.25 **831-375-7433 UNICOM** 122.95

Ⓡ **NORCAL APP/DEP CON** 133.0 (360°-150°) 127.15 (151°-359°)

TOWER 118.4 (1400-0500Z†) **GND CON** 120.875 **CLNC DEL** 135.45

AIRSPACE: **CLASS C** svc ctc **APP CON** svc 1400-0500Z† other times **CLASS G**.

RADIO AIDS TO NAVIGATION: NOTAM FILE SNS.

SALINAS (H) VORTACW 117.3 SNS Chan 120 N36°39.83' W121°36.19' 231° 12.5 NM to fld. 80/17E. **HIWAS.**

VOR portion unusable:

010°-016° byd 22 NM blo 7,000'

010°-016° byd 26 NM blo 8,000'

016°-080° byd 22 NM blo 8,000'

150°-170° byd 8 NM blo 10,000'

TACAN AZIMUTH & DME unusable:

010°-080° byd 22 NM blo 8,000'

150°-200° blo 11,000'

aerobatic acft wi an area defined as 5 NM rds of SNS 357016.4 (5.3 NM W CVH), blo 3000', avoidance advised SR-SS

TACAN AZIMUTH unusable:

245°-255° byd 20 NM

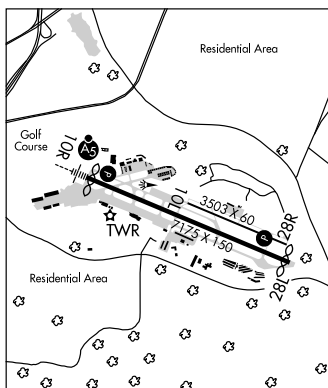
MUNSO NDB (LOMW) 385 MR N36°37.24' W121°56.31' 099° 5.1 NM to fld. 52/15E. NOTAM FILE MRY.

ILS/DME 110.7 I-MRY Chan 44 Rwy 10R. Class IA. LOM MUNSO NDB. ILS/DME unmonitored. LOC unusable within 0.5 NM from thld.

LOC/DME 110.7 I-MTB Chan 44 Rwy 28L. LOC/DME unmonitored when ATCT closed. LOC unusable abv 2,000' MSL, 2 DME inbound to thld. DME unusable byd 16 DME blw 5,000; byd 25° left of course. LOC/DME not avbl when ATCT clsd.

ASR/PAR

COMM/NAV/WEATHER REMARKS: ASR-11 antenna located Marina Muni (OAR), remoted to Monterey Rgnl (MRY). ASR-11 serves MRY and OAR. For Cinc Del or cni IFR when ATCT is clsd, ctc Norcal Apch Con on 133.5; if unavailable, ctc Norcal Apch at 916-361-3748.



MONTGOMERY-GIBBS EXECUTIVE (See SAN DIEGO on page 207)

MORRO BAY N35°15.14' W120°45.57' NOTAM FILE HHR. LOS ANGELES
(L) VORTACW 112.4 MQO Chan 71 083° 5.8 NM to San Luis Co Rgnl. 1463/16E. H-4H, L-3D, 7A
VOR portion unusable:
290°-315° byd 7 NM blo 4,000'
297°-315° byd 13 NM blo 7,000'
315°-090° byd 7 NM blo 7,000'

MOUNT SHASTA MHS N41°19.00' W122°19.00' /3538 KLAMATH FALLS
ASOS 120.775 (530) 926-1613 H-3B, L-2I

MOUNT TAMALPAIS N37°55.65' W122°35.32' SAN FRANCISCO
RCO 122.35 (OAKLAND RADIO) H-3A, L-2F, A

MOUNTAIN VALLEY (See TEHACHAPI on page 226)

MOUNTAIN VIEW

MOFFETT FEDERAL AFLD (NUQ)(KNUQ) PVT (ANG) 3 N UTC-8(-7DT) N37°24.97' SAN FRANCISCO
W122°02.95' H-3B, L-2F, 3B, A
37 B TPA—See Remarks NOTAM FILE NUQ Not insp. DIAP, AD

RWY 14L-32R: H9197X200 (CONC) PCN 63 R/B/W/T HIRL CL

RWY 14L: TDZL PAPI(P4L)—GA 3.0° TCH 78'.

RWY 32R: ALSF1. TDZL PAPI(P4L)—GA 3.0° TCH 61'.

RWY 14R-32L: H8122X200 (ASPH) PCN 33 R/B/W/T HIRL

RWY 32L: Thld dsplcd 602'.

SERVICE: FUEL JET A LGT When twr clsd, ACTIVATE—HIRL Rwy 14L-32R and ALSF-1 Rwy 32R-CTAF. **MILITARY—** JASU (AM32A-60) (AM32A-86) FUEL A, Jet A avbl 24 hrs. Fuel avbl Mon-Fri 1700-0200Z†. FLUID SP LOX - Ltd avbl. OIL A-117-133-148-156 **TRAN ALERT** Ltd gnd support eqpt avbl. Ltd trml svc avbl.

MILITARY REMARKS: RSTD PPR afdl ops opr 24 hrs, tran alert svc 24 hrs, C650-386-0677. Recommend Standard Instrument Departure, exp delay for radar vectors. Twy D clsd dur non-dalgt hrs. **CAUTION** Possible strong updraft vcnty NASA/AMES wind tunnel lctd West side of afdl. Rwy 14R-32L prefer rwy for ldg heavy weight acct unless IFR cond exist at fld. Bird hazard. Bird hazard likely to be highest from Oct to Mar (PHASE II) and lower from Apr to Sep (PHASE I). Arpt signage unavbl to include rwy, twy, instr, loc, directional, destination, and info signs. **TFC PAT** TPA—1004(968) Rwy 14L/R, 1504(1468) Rwy 32L/R. Minimum altitude 75' AGL over highway at South boundary. Tran jet practice apch/touch-and-go rqr arpt mgr apvl. **CSTMS/AG/IMG** Cstms, AG and Immigration avbl only by PN Mon-Fri 1700-0100Z† exc hol. **MISC** Update ETA +15 mins at least 2 hr prior arr. Twr freq monitor by NASA Fire/Security. Flight plan svc provided by Base OPS. **ANG** Opr Mon-Thu 1330-2400Z†. Ops DSN 359-9357, C650-603-9357. Comd Post DSN 359-9333, Comd Post 650-603-9333. Parking on ANG ramp is official business only and pre-coord with 129 OSF/O5A at DSN 359-9357 or 650-603-9357 rqr. Ltd maintenance and fuel support for C130 and H60 acct no pax and no tran alert svc.

AIRPORT MANAGER: 650-386-0687

WEATHER DATA SOURCES: ASOS 124.175 283.0 (650) 604-1529.

COMMUNICATIONS: SFA CTAF 119.55 ATIS 124.175 283.0

Ⓡ **NORCAL APP CON** 120.1 133.95 134.5 135.2 290.25 317.6 338.2

TOWER 119.55 259.65 (1500-0700Z†) **GND CON** 121.85 278.95 **CLNC DEL** 296.75

Ⓡ **NORCAL DEP CON** 120.1 135.65 270.35 310.8

ANG (1400-2330Z†. SQ OPS call MOFFETT RESCUE. 5711 Upper Side Band)

AIRSPACE: CLASS D svc 1500-0700Z† other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE OAK.

WOODSIDE (L) VOR/DME 113.9 OSI Chan 86 N37°23.55' W122°16.88' 066° 11.2 NM to fld. 2270/17E.

VOR unusable:

030°-050° byd 15 NM

225°-305° byd 20 NM blo 9,000'

330°-350° blo 11,000'

DME unusable:

160°-350° blo 11,000'

190°-230° byd 20 NM blo 13,000'

230°-350° byd 20 NM

(T) **TACAN** Chan 123 NUQ (117.6) N37°25.94' W122°03.46' 141° 1.1 NM to fld. 4/17E. NOTAM FILE

NUQ.

TACAN DME unusable:

170°-215° byd 15 NM

LOC 110.35 I-MNQ Rwy 14L. LOC unusable byd 25° right of course. Unmont 0700-1500Z†.

ILS 110.35 I-NUQ Rwy 32R. Unmont 0700-1500Z†.

COMM/NAV/WEATHER REMARKS: For Clnc Del when ATCT is clsd ctc Norcal Apch at 916-361-3748.

MOUNTAIN VIEW N37°19.13' W122°08.82' SAN FRANCISCO
RCO 122.5 (OAKLAND RADIO) H-3A, L-2F

MURRAY FLD (See EUREKA on page 122)

MURRIETA/TEMCULA

FRENCH VALLEY (F70) 2 NE UTC-8(-7DT) N33°34.45' W117°07.71'

1350 B TPA—2350(1000) NOTAM FILE RAL

RWY 18-36: H6000X75 (ASPH) S-30 MIRL

RWY 18: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Road.

RWY 36: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Rgt tfc.

SERVICE: S4 FUEL 100LL, JET A OX 4 LGT ACTIVATE MIRL Rwy 18-36, PAPI Rwy 18 and Rwy 36, REIL Rwy 18 and Rwy 36 and taxiway lights—CTAF.

AIRPORT REMARKS: Attended 1400-0200Z†. Self service 100LL fuel avbl. For fuel after hours call 951-677-2756 or 951-696-9344. Ultralight activity in vicinity of arpt. All departures—noise sensitive areas to N and S, best rate of climb to traffic pattern altitude before departing the pattern. Calm wind—use Rwy 18.

AIRPORT MANAGER: (951) 955-9418

WEATHER DATA SOURCES: AWOS-3 119.025 (951) 696-1018.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ MARCH APP/DEP CON 133.5 (1500-0700Z†) clsd holidays, other times ctc

Ⓡ SOCAL APP/DEP CON 134.0.

CLNC DEL When March GCA clsd ctc SOCAL App for clnc del at 800-448-3724.

RADIO AIDS TO NAVIGATION: NOTAM FILE CRQ.

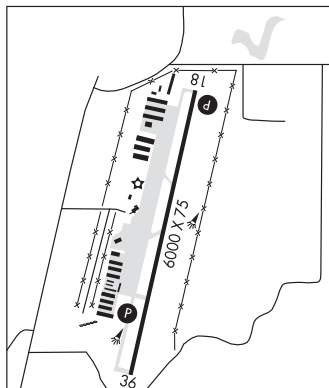
OCEANSIDE (H) VORTAC 115.3 OCN Chan 100 N33°14.44'

W117°25.06' 021° 24.7 NM to fld. 52/15E.

VOR portion unusable:

227°-265° byd 20 NM

COMM/NAV/WEATHER REMARKS: March provides Ground Control App (GCA) radar.

LOS ANGELES
COPTER
H-41, L-4H
IAP

NAPA CO (APC)(KAPC) 5 S UTC-8(-7DT) N38°12.79' W122°16.84'

36 B TPA—1036(1000) NOTAM FILE APC

RWY 18R-36L: H5930X150 (CONC) S-30, D-50, 2D-120 MIRL

0.3% up N

RWY 18R: PAPI(P4L)—GA 3.25° TCH 52'. Rgt tfc.

RWY 36L: MALS.

RWY 06-24: H5008X150 (CONC) S-30, D-50, 2D-120 MIRL

0.4% up NE

RWY 06: REIL.

RWY 18L-36R: H2510X75 (ASPH) S-12.5 0.4% up N

RWY 36R: Rgt tfc.

LAND AND HOLD—SHORT OPERATIONS

| LDG RWY | HOLD—SHORT POINT | AVBL LDG DIST |
|---------|------------------|---------------|
| RWY 18R | 06-24 | 5450 |
| RWY 24 | 18R-36L | 3700 |

SERVICE: S4 FUEL 100LL, JET A OX 3, 4 LGT When twr clsd ACTIVATE REIL Rwy 06, MIRL Rwy 18R-36L and Rwy 06-24—CTAF. PAPI Rwy 18R opr continuously.

AIRPORT REMARKS: Attended 1400-0500Z†. For fuel svc 0500-1400Z† call 707-224-0887. Unlgt bridge 1 NM S, 167' AGL. Asph apron strength 12,500-30,000 lbs gross weight single wheel. Due to arpt proximity to wetlands birds on and in/ov the arpt year around with highest concentration of activity of birds on the rwys during rainy weather. Landing fee.

AIRPORT MANAGER: 707-253-4300

WEATHER DATA SOURCES: ASOS (707) 252-7916

COMMUNICATIONS: CTAF 118.7 ATIS 124.05 707-255-2847 UNICOM 122.95

Ⓡ OAKLAND CENTER APP CON 127.8

TOWER 118.7 (1500-0400Z†) GND CON 121.7 CLNC DEL 127.85

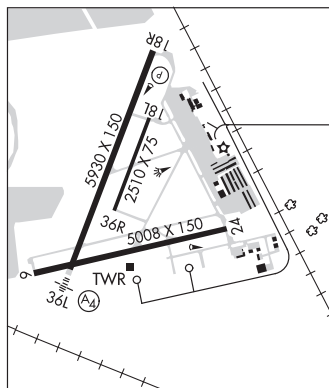
OAKLAND CENTER DEP CON 127.8

AIRSPACE: CLASS D svc 1500-0400Z† other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE APC.

SCAGGS ISLAND (L) VORTACW 112.1 SGD Chan 58 N38°10.76' W122°22.39' 048° 4.8 NM to fld. 5/17E.

ILS/DME 111.3 I-APC Chan 50 Rwy 36L. Class IE. LOC unmonitored when ATCT clsd. Glideslope unusable by 4° left and 7° right of course. Autopilot coupled apchs not applicable blw 530' MSL (1.3 NM from thld).

SAN FRANCISCO
H-3B, L-2F, 3A, A
IAP, AD

NAVAL BASE VENTURA CO (See POINT MUGU NAS (NAVAL BASE VENTURA CO) on page 188)

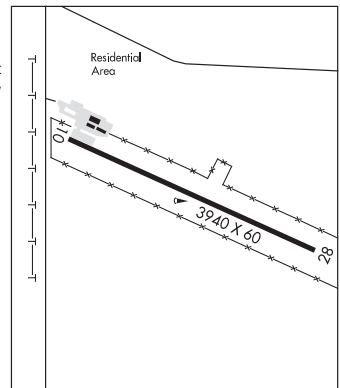
NEEDLES (EED)(KEED) 5 S UTC-8(-7DT) N34°45.98' W114°37.40' **PHOENIX**
 983 B TPA—1983(1000) NOTAM FILE EED **H-4J, L-7E**
RWY 11-29: H5005X100 (ASPH) S-16, D-32 MIRL 1.3% up NW **IAP**
RWY 11: REIL. PAPI(P2L)—GA 3.0° TCH 40'.
RWY 29: REIL. PAPI(P2L)—GA 3.0° TCH 40'.
RWY 02-20: H4235X100 (ASPH) S-16, D-32 MIRL 2.0% up SW
RWY 02: PAPI(P2L)—GA 3.0° TCH 30'.
RWY 20: PAPI(P2L)—GA 3.0° TCH 40'.
SERVICE: S2 FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 11-29 and Rwy 02-20, REIL Rwy 11 and Rwy 29—CTAF.
 PAPI Rwy 11, Rwy 29, Rwy 02 and Rwy 20 opr continuously.
AIRPORT REMARKS: Unattended.
AIRPORT MANAGER: 760-247-2371
WEATHER DATA SOURCES: ASOS 128.325 (760) 326-4281. HIWAS 115.2 EED.
COMMUNICATIONS: CTAF/UNICOM 123.0
RCO 122.1R 115.2T (PRESCOTT RADIO)
RCO 122.2 (RIVERSIDE RADIO)
 ® **L.A. CENTER APP/DEP CON** 134.65
AIRSPACE: CLASS E svc 1600-0000Z± other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE EED.
(H) VORTAC 115.2 EED Chan 99 N34°45.96' W114°28.45' 255° 7.4 NM to fld. 620/15E. **HIWAS.**
 VORTAC unusable:
 100°-130° byd 27 NM blo 6,600'
 170°-220° byd 20 NM blo 5,800'
 220°-280° byd 35 NM blo 6,800'
 TACAN AZIMUTH & DME unusable:
 165°-220° byd 20 NM blo 8,000'
 165°-220° byd 30 NM blo 12,000'

NERVINO (See BECKWOURTH on page 91)

NEVADA CO (See GRASS VALLEY on page 131)

NEW COALINGA MUNI (See COALINGA on page 108)

NEW CUYAMA (L88) 0 S UTC-8(-7DT) N34°56.40' W119°41.14' **LOS ANGELES**
 2203 TPA—3203(1000) NOTAM FILE RIU **L-3D, 7A**
RWY 10-28: H3940X60 (ASPH)
RWY 10: Tree. Rgt tfc.
RWY 28: Fence.
AIRPORT REMARKS: Unattended. Acft parking 125' north of rwy centerline at Rwy 10 apch end. Rwy 10 +25' power poles and p-lines run partially underground 270' from rwy end 164' right of centerline.
AIRPORT MANAGER: 805-440-5022
COMMUNICATIONS: CTAF 122.9
RADIO AIDS TO NAVIGATION: NOTAM FILE RIU.
FELLOWS (L) VOR/DME 117.5 FLW Chan 122 N35°05.59' W119°51.93' 120° 12.8 NM to fld. 3870/16E.
 VOR unusable:
 030°-070° byd 25 NM blo 8,500'
 145°-215° byd 25 NM blo 9,500'



NEW JERUSALEM (See TRACY on page 227)

NORMAN Y MINETA SAN JOSE INTL (See SAN JOSE on page 211)

NORTH ISLAND NAS (HALSEY FLD) (NZY)(KNZY) NAS (ARNG) 3 SW UTC-8(-7DT) N32°41.89' W117°12.79' **LOS ANGELES**
H-4I, L-4H
DIAP, AD

26 B NOTAM FILE NZY Not insp.

RWY 18-36: H8001X200 (PEM) PCN 59 R/B/W/T HIRL CL
RWY 18: REIL. PAPI(P4L)—GA 3.0° TCH 49'.
RWY 36: SALS. REIL. PAPI(P4L)—GA 3.0° TCH 47'.
RWY 11-29: H7501X200 (PEM) PCN 59 R/B/W/T HIRL CL
RWY 29: ALSF1.

ARRESTING GEAR/SYSTEM
RWY 18 HOOK E28(B) (1850) HOOK E28(B) (1701') **RWY 36**
RWY 11 HOOK E28(B) (1500) HOOK E28(B) (2601') **RWY 29**

SERVICE: MILITARY— A-GEAR Short-fld A-G Rwy 29 nml de-rigged. Long-fld A-G Rwy 36 nml de-rigged. **JASU 2**(GTC-85) 2(NC-8) **FUEL** Exp reful delays. 100LL, J5. **FLUID** SP PRESAIR. **OIL** O-128-148-156-Rstd oil analysis avbl, prior coord rqr. **TRAN ALERT** Opr 1400-0600Z‡ wkd and 1600-0600Z‡ weekend; (DT- 1300-0500Z‡ weekend and 1500-0500Z‡ weekend). No tran maint/td svc. Tran aircrew must remain with acft to provide technical drct/assistance in svcg. Air trml/tran line coord all reful req. Arr acft passenger svc req to lineman. All tran pilots ck in with ODO, Base OPS Bldg 516, upon arr. LOX not avbl.

MILITARY REMARKS: Opr Mon 1430Z‡-Sat 0600Z‡, Sat 1600Z‡-Sun 0600Z‡, Sun 1600Z‡-Mon 0600Z‡. CLOSED 0200Z‡ day prior to 1430Z‡ day following all Federal hol. See FLIP AP/1 Supplementary Airport Remarks. **RSTD** Call arpt mgr DSN 735-8243, C619-545-8243, 619-778-2074 for PPR. 72 hr ntc. Lcl fit dur remain overnight prohibited. **CAUTION** Extv VFR helicopter opr sfc-500' vcnty of arpt and sfc-2000' 8 NM SE. Lgt civ acft climb/descent thru Rwy 29 final apch course byd 6 DME enter/dep San Diego Class B Airspace VFR corridor. Avoid cntrln lgt dur Rwy 29 or Rwy 36 arrestment to prevent tailhook bounce. Rwy 18-36 rwy distance markers less than the required 50' off the rwy edge. Twy L edge lgts not within 10' of marked twy edge. Heavy vehicle tfc cross Twy L and A. Bird haz May-Oct, particularly at dep end Rwy 29. Rwy 11-29 sfc area btn the rwy edge lines and rwy edge lgts, aprx 50' on either side, is cracked and has loose gvl. Rwy 11-29 edge lgts lctd 50' outboard of rwy edge lines, and are not within 10' of the marked rwy edge. Pilots should exercise caution transiting the area btn the rwy edge lines and rwy edge lgts. **TFC PAT** Use max exterior lgt blo 10,000' within 10 NM. All tran acft ltd to full stop only. Touch-and-go/low apch not avbl. Tran acft section apch not authorized. Reduced rwy separation std in effect USN/USMC acft. **NS ABTMT** Strict compliance rqr. **CSTMS/AG/IMG** Cstms avbl with 2 hr ntc Mon-Sat 1600-0100Z‡. Minimum 4 hr ntc rqr 0100-1600Z‡. **MISC** VIP/logistic fits ctc Base OPS prior to ldg. **ARNG** Army Base OPS DSN 735-0101, C619-545-0101.

COMMUNICATIONS: **ATIS** 317.8 (1430Z‡ Mon-0600Z‡ Sat, 1600Z‡ Sat-0600Z‡ Sun, 1600Z‡ Sun-0600Z‡ Mon. Clsd 0200Z‡ day prior to 1430Z‡ day following all Federal hol)

Ⓡ **SOCAL APP/DEP CON** 125.15 317.55 (Radar advsy and sequencing to arpt avbl VFR arr on req)
NAVY NORTH ISLAND TOWER 135.1 336.4 340.2 (1430Z‡ Mon-0600Z‡ Sat, 1600Z‡ Sat-0600Z‡ Sun, 1600Z‡ Sun-0600Z‡ Mon. Clsd 0200Z‡ day prior to 1430Z‡ day following all Federal hol) **GND CON** 118.0 360.675
CLNC DEL 128.4 288.25 **PMSV METRO** 342.35 **BASE OPS** 355.5

AIRSPACE: **CLASS D** svc 1430Z‡ Mon-0600Z‡ Sat, 1600Z‡ Sat-0600Z‡ Sun, 1600Z‡ Sun-0600Z‡ Mon, clsd from 0200Z‡ day prior to 0630 day following all fed holidays other times **CLASS G**.

VOR TEST FACILITY (VOT) 109.0

RADIO AIDS TO NAVIGATION: NOTAM FILE NZY.
(L) TACAN Chan 117 NZY (117.0) N32°42.15' W117°12.97' at fld. 17/11E.
 No NOTAM MP: 1500-1700Z‡ Sun
 Unusable:
 180°-230° byd 20 NM blo 3,000'
 230°-300° byd 15 NM blo 3,000'
 300°-340° byd 30 NM blo 3,000'

ASR/PAR
COMM/NAV/WEATHER REMARKS: Radar see Terminal FLIP for Radar Minima.

NOVATO

GNOSS FLD (DVO)(KDVO) 3 N UTC-8(-7DT) N38°08.61' W122°33.43'

SAN FRANCISCO

2 B TPA—1002(1000) NOTAM FILE OAK

L-2F, 3A, A

RWY 13-31: H3300X75 (ASPH) S-26 MIRL

IAP

RWY 13: PAPI(P2R)—GA 3.5° TCH 28'. Tree.

RWY 31: PAPI(P2L)—GA 4.0° TCH 56'. Hill. Rgt tfc.

SERVICE: S4 FUEL 100LL, JET A OX 1, 2

AIRPORT REMARKS: Attended 1600-0100Z†. Ditches surround rwy. Jet and turbine acft land Rwy 13 depart Rwy 31 as wind and traffic permit. Helicopters apch from E and depart to E, remain N of radio towers. Rwy 13 calm wind rwy. Rwy 13 has paved 125' overrun. Rwy 31 has 100' overrun. Mountains South and West. Noise sensitive area SE of arpt. Avoid straight-out departures on Rwy 13 and straight-in lds on Rwy 31.

AIRPORT MANAGER: 415-897-1754

WEATHER DATA SOURCES: AWOS-3P 120.675 (415) 897-2236.

COMMUNICATIONS: CTAF/UNICOM 123.075

Ⓡ **OAKLAND CENTER APP/DEP CON** 127.8

RADIO AIDS TO NAVIGATION: NOTAM FILE APC.

SCAGGS ISLAND (L) VORTACW 112.1 SGD Chan 58 N38°10.76' W122°22.39' 239° 9.0 NM to fld. 5/17E.

• • • • •
HELIPAD H1: H60X60 (CONC)

HELIPORT REMARKS: Approach 050°/230° magnetic.

NUT TREE (See VACAVILLE on page 238)

OAKDALE (O27) 3 SE UTC-8(-7DT) N37°45.38' W120°48.01'

SAN FRANCISCO

237 B TPA—1237(1000) NOTAM FILE RIU

L-2F, 3B

RWY 10-28: H3013X75 (ASPH) S-20 MIRL 0.4% up SE

IAP

RWY 10: REIL. VASI(V2L)—GA 2.5° TCH 22'.

RWY 28: REIL. PAPI(P2L)—GA 3.0° TCH 33'.

SERVICE: FUEL 100LL LGT ACTIVATE MIRL Rwy 10-28—CTAF. REIL Rwy 10 and Rwy 28, VASI Rwy 10, PAPI Rwy 28 opr continuously.

AIRPORT REMARKS: Attended dalgt hours. Nights on call 1-800-868-8750. Apron on south side of rwy damaged and unusable.

AIRPORT MANAGER: (209) 845-3640

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **NORCAL APP/DEP CON** 125.1

RADIO AIDS TO NAVIGATION: NOTAM FILE MOD.

MODESTO (H) VOR/DME 114.6 MOD Chan 93 N37°37.64' W120°57.47' 027° 10.8 NM to fld. 93/17E.

aerobatic acft wi an area defined as .5 NM rds of MOD 032028 (7.5 NM SW 022), blo 4800', avoidance advised dly SR-SS

COMM/NAV/WEATHER REMARKS: For clnc del ctc Norcal apch at 916-361-0516.

OAKLAND

METROPOLITAN OAKLAND INTL (OAK)(KOAK) 4 S UTC-8(-7ZDT) N37°43.28' W122°13.27'

SAN FRANCISCO

9 B TPA—See Remarks LRA Class I, ARFF Index D NOTAM FILE OAK

H-3B, L-2F, 3B, A

RWY 12-30: H10520X150 (ASPH-GRVD) PCN 75 F/A/W/T HIRL

IAP, AD

CL

RWY 12: MALSR. PAPI(P4R)—GA 2.75° TCH 70'. RVR-TMR Rgt ttc.

RWY 30: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 71'. RVR-TMR Thld dspcd 114'.

RWY 10R-28L: H6213X150 (ASPH-GRVD) PCN 59 F/B/W/T HIRL

RWY 10R: REIL. PAPI(P4L)—GA 3.0° TCH 50'.

RWY 28L: PAPI(P4R)—GA 3.0° TCH 50'.

RWY 10L-28R: H5458X150 (ASPH-GRVD) PCN 67 F/B/W/T HIRL

RWY 10L: PAPI(P4R)—GA 3.0° TCH 50'.

RWY 28R: MALSR. PAPI(P4L)—GA 3.0° TCH 51'. Bldg. Rgt ttc.

RWY 15-33: H3376X75 (ASPH) S-12.5 MIRL

RWY 33: Rgt ttc.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 10L:TORA-5458 TODA-5458 ASDA-5336 LDA-5336

RWY 10R:TORA-6213 TODA-6213 ASDA-6213 LDA-6213

RWY 12:TORA-10000 TODA-10000 ASDA-10000 LDA-10000

RWY 28L:TORA-6213 TODA-6213 ASDA-6213 LDA-6213

RWY 28R:TORA-5458 TODA-5458 ASDA-5458 LDA-5458

RWY 30:TORA-10000 TODA-10000 ASDA-10000 LDA-10000

ARRESTING GEAR/SYSTEM

RWY 28L: EMAS

SERVICE: S4 FUEL 100LL, JET A OX 1, 2, 3, 4

AIRPORT REMARKS: Attended continuously. Rwy 15-33 CLOSED to air carrier acft. Birds on and in/ovf arpt. Ops superintendent 510-563-6432, cell 510-715-6286, 24 hour ops 510-563-3361. Acft with experimental or limited certification having over 1,000 horsepower or 4,000 pounds are restricted to Rwy 12-30. TPA—Rwy 28L 606(597), TPA—Rwy 28R 1006(997). 24 hr Noise abatement procedure—turbojet and turbofan powered acft, turboprops over 17,000 lbs, four engine reciprocating powered acft, and surplus Military acft over 12,500 lbs should not depart Rwy 28L and Rwy 28R or land on Rwy 10R and Rwy 10L. For noise abatement info ctc noise abatement office at 510-563-6463. 1000' clearways Rwy 12 and Rwy 30. Twy A, Twy E, Twy G, Twy H between Rwy 28R and Twy C max acft weight 150,000 lbs. Twy G and Twy H between Rwy 28L and Rwy 28R, max acft weight 12,500 lbs. Twy P max acft weight 161,000 lbs single; 190,000 lbs dual; 305,000 lbs dual tandem; 735,000 lbs double dual tandem. Twy C between Rwy 28R and Twy G and Twy B, Twy J, and Twy D max acft weight 861,000 lbs. Twy C between Twy G and Twy J max acft weight 90,000 lbs single; 144,000 lbs dual; 257,000 lbs tandem. Twy C between Twy J and Twy F max acft weight 76,000 lbs single, 115,000 lbs dual; 257,000 lbs tandem (dual tandem not authorized). Twy K between Twy D and intersection Twy F, Twy L, Twy K max acft weight 56,000 lbs single, 70,000 lbs dual, 130,000 lbs tandem. Twy K between Rwy 10R and intersection Twy F, Twy L, Twy K max acft weight 33,000 lbs single, 45,000 lbs dual, tandem not authorized. Preferential rwy use program in effect 0600-1400Z. North fld preferred departure Rwy 28L, north fld preferred departure Rwys 10R or 28R. If these Rwys unacceptable for safety or twr instruction then Rwy 12-30 must be used. Noise abatement procedures not applicable in emerg or whenever Rwy 12-30 is closed due to maintenance, safety, winds or weather. 400' by 220' blast pad Rwy 12 and Rwy 30. Rwys 30, 28R and 28L distance remaining signs left side. 100' lgtd microwave antenna twr located 1320' wsw of OAK VORTAC, south of upwind end of Rwy 28L. 100' lgtd microwave antenna twr located west-southwest of OAK VORTAC, south of upwind end of Rwy 28L. Ldg fee may apply for Rwy 12-30, rwy commercial ops and tiedown, ctc afld ops 510-563-3361. Flight Notification Service (ADCUS) avbl.

AIRPORT MANAGER: 510-563-6436

WEATHER DATA SOURCES: ASOS (510) 383-9514 HIWAS 116.8 OAK.

COMMUNICATIONS: D-ATIS 133.775 (510) 635-5850 UNICOM 122.95

OAKLAND RCO 122.2 122.5 (OAKLAND RADIO)

® NORCAL APP CON 124.8 124.525 125.35 128.325 (East) 135.65 (South) 135.1 (West) 134.5

® NORCAL DEP CON 124.8 124.525 135.1 (West) 120.9 124.8 (Northwest)

OAKLAND TOWER 118.3 (Rwy 10L-28R, Rwy 10R-28L, Rwy 15-33) 127.2 (Rwy 12-30) 124.9

GND CON 121.75 (Rwy 12-30) 121.9 (Rwy 10L-28R, Rwy 10R-28L, Rwy 15-33) CLNC DEL 121.1

CPDLC (LOGON KUSA)

AIRSPACE: CLASS C svc ctc APP CON

RADIO AIDS TO NAVIGATION: NOTAM FILE OAK.

OAKLAND (H) VORW/DME 116.8 OAK Chan 115 N37°43.56' W122°13.42' at fld. 13/17E. HIWAS.

DME unusable:

340°-040° byd 30 NM blo 8,000'

ILS 111.9 I-AAZ Rwy 12. Class IE. Rwy 12 glideslope deviations are psbl when critical areas are not rqrtd to be protected. Acft operg in vcntry of glideslope trans.

ILS 109.9 I-OAK Rwy 28R. Class IE.

ILS/DME 108.7 I-INB Chan 24 Rwy 30. Class IIIE.

COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not avbl at twr.



OAKLAND N37°43.56' W122°13.42' NOTAM FILE OAK.
(H) VORW/DME 116.8 OAK Chan 115 at Metropolitan Oakland Intl. 13/17E. **HIWAS.**
 DME unusable:
 340°-040° byd 30 NM blo 8,000'
RCO 122.5 (OAKLAND RADIO)

SAN FRANCISCO
 H-3A, L-2F, 3B, A

OCEAN RIDGE (See GUALALA on page 132)

OCEANO CO (L52) 1 W UTC-8(-7DT) N35°06.09' W120°37.34'
 14 B TPA—1000(986) NOTAM FILE HHR
RWY 11-29: H2325X50 (ASPH) S-12.5 MIRL
RWY 11: Tree. Rgt tfc.
RWY 29: Brush.

LOS ANGELES

SERVICE: **FUEL** 100LL **LGT** ACTIVATE MIRL **Rwy 11-29**—CTAF.

AIRPORT REMARKS: Unattended. Arpt located 2 SM south of Pismo Beach. Self svc fuel avbl 24 hr. Ultralight activity on and invof arpt. Parachute Jumping. Recurring flocks of waterfowl on and invof arpt. Be alert for kites flown along beach 1/2 mile west of rwy. Unsurfaced areas soft and unusable. Taxilanes very narrow near buildings and parked acft. Twy lgts at exit only. Extremely noise sensitive arpt and community, for tkf Rwy 29 pilots are requested to maintain rwy heading til crossing the shoreline.

AIRPORT MANAGER: 805-781-5205
COMMUNICATIONS: CTAF/UNICOM 122.7

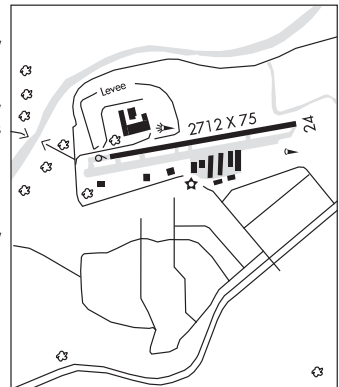
OCEANSIDE

BOB MAXWELL MEM AIRFIELD (OKB)(KOKB) 2 NE UTC-8(-7DT) N33°13.08' W117°21.09'
 28 B TPA—1028(1000) NOTAM FILE OKB
RWY 06-24: H2712X75 (ASPH) S-12 MIRL
RWY 06: Road.
RWY 24: REIL. Hill. Rgt tfc.

LOS ANGELES
 L-4H
 IAP

SERVICE: S7 **FUEL** 100LL, JET A+ **LGT** Arpt bcn dusk-dawn. MIRL **Rwy 06-24** preset low ints, to increase ints ACTIVATE—CTAF.

AIRPORT REMARKS: Attended 1700-0100Z†. Fuel avbl 24 hrs 100LL, 1400-0500Z† Jet A. Parachute jumping. Birds on and invof arpt. Rwy has no pavement marking or edge lights byd dsplcd thld. All tfc patterns to north. Mountains west, northwest, southwest Rwy 06 up to 280' MSL. Unlgt'd mountain 160' MSL in apch zone 3500' from west end of pavement Rwy 06. Do not confuse road south of arpt with the rwy. Noise abatement in effect: follow riverbed all the way to coast prior to making any turns. Do not fly over any houses along river banks. No early turnouts prior to the ocean. Skydiving ops in effect SR-SS daily. Parachute ldg north side of rwy between downwind and rwy, no effect on acft tkof/ldg that follow traffic pattern. Use caution while in the pattern. +20' trees 125' north of rwy centerline; fence and road within primary surface north side. Rwy 24 first 240' of centerline missing beginning at rwy numbers.



AIRPORT MANAGER: (818) 241-0800
WEATHER DATA SOURCES: ASOS 127.8 (760) 439-9683.

COMMUNICATIONS: CTAF/UNICOM 122.725
RCO 115.3T 122.1R (SAN DIEGO RADIO)

Ⓡ **SOCAL APP/DEP CON** 127.3
CLNC DEL For clnc del call Socal App (800) 448-3724

RADIO AIDS TO NAVIGATION: NOTAM FILE CRQ.

OCEANSIDE (H) VORTAC 115.3 OCN Chan 100 N33°14.44' W117°25.06' 097° 3.6 NM to fld. 52/15E.
 VOR portion unusable:
 227°-265° byd 20 NM

OCEANSIDE N33°14.44' W117°25.06' NOTAM FILE CRQ.
(H) VORTAC 115.3 OCN Chan 100 097° 3.6 NM to Bob Maxwell Mem Airfield. 52/15E.
 VOR portion unusable:
 227°-265° byd 20 NM
RCO 122.1R 115.3T (SAN DIEGO RADIO)

LOS ANGELES
 H-4I, L-4H

OCOTILLO (L90) 0 N UTC-8(-7DT) N33°08.87' W116°07.90'

LOS ANGELES

160 TPA—960(800) NOTAM FILE SAN

RWY 13-31: 4210X150 (DIRT)

RWY 13: Hill.

RWY 31: Road. Rgt tfc.

RWY 09-27: 2475X150 (DIRT)

RWY 09: Hill. Rgt tfc.

RWY 27: Hill.

AIRPORT REMARKS: Unattended. All rwys CLOSED SS-SR, not lgtd. Fld unusable when wet. Be alert for high speed military tilt rotor and ultralight ops invof arpt. Ultralight area NE quad of arpt. Caution for occasional unauthorized off road vehiles on and in vicinity of rwys and twys. PPR for all military aft, ctc arpt manager. Rwy 09 and Rwy 27, Rwy 13 and Rwy 31 thlds marked by white paving blocks. All rwy intersections marked by white paving blocks. All RDO equipped acft must self-announce on CTAF prior to ldg or dep.

AIRPORT MANAGER: 619-956-4800

COMMUNICATIONS: CTAF 122.9

ONTARIO INTL (ONT)(KONT) P (ANG) 2 E UTC-8(-7DT) N34°03.36' W117°36.07'

LOS ANGELES

944 B Class I, ARFF Index D NOTAM FILE ONT

COPTER

RWY 08L-26R: H12197X150 (CONC-GRVD) S-30, D-200, 2S-175,

H-4I, L-3E, 4H, 7C, A

2D-560, 2D/2D2-850 PCN 102R/B/W/T HIRL CL

IAP, AD

RWY 08L: MALSR. TDZL. PAPI(P4L)—GA 3.0° TCH 62'. RVR-TMR Thld dsplcd 997'. Railroad.

RWY 26R: MALSR. PAPI(P4L)—GA 3.0° TCH 75'. RVR-TMR Pole. Rgt tfc.

RWY 08R-26L: H10200X150 (CONC-GRVD) S-30, D-200, 2S-175, 2D-560, 2D/2D2-850 PCN 70 R/B/W/T HIRL CL

RWY 08R: PAPI(P4L)—GA 3.0° TCH 65'. RVR-TMR Rgt tfc.

RWY 26L: ALSF2. TDZL. PAPI(P4R)—GA 3.0° TCH 74'. RVR-TMR Pole.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 08L:TORA-12197 TODA-12197 ASDA-12197 LDA-11200

RWY 08R:TORA-10200 TODA-10200 ASDA-10200 LDA-10200

RWY 26L:TORA-10200 TODA-10200 ASDA-10200 LDA-10200

RWY 26R:TORA-12197 TODA-12197 ASDA-12197 LDA-12197

SERVICE: S4 FUEL 100LL, JET A OX 3, 4 MILITARY— FUEL A+, A 1400-0600Z±, C909-635-4728.) (NC-100LL) FLUID OX TRAN ALERT All mil and civ general avn acft OPS rstd to FBO fac. PPR. Overmgt tie-down and prk fee.

AIRPORT REMARKS: Attended continuously. Wildlife hazard management plan in effect; potential bird hazards may exist on and invof arpt; be alert to large numbers of starlings and crows possible on approach to Rwy 26L and Rwy 26R, hawks, eagles, falcons and owls spotted on occasion. Acft parking and contract ground svc are ltd for non-scheduled ops. For scheduling information call afld ops (909) 544-5344. Pilots should use judgmental oversteer on Twy M, Twy H, Twy S-3 and Twy S-4. Twy W south of Twy S is a non-movement area, all acft ctc ramp ctl 131.325 for access. Twy M, Twy S-3 and Twy S-4 restricted to acft with wingspan 117' or smaller. Acft access to Twy R from Rwy 26R prohibited. Eastbound B747, B777, A330, A340 or larger acft on Twy S prohibited from northbound turns onto Twy K. B747, B777, A330, A340 or larger acft on Twy S prohibited from northbound turns onto Twy P. Twy R acft access from Rwy 26L is prohibited. Twy S2 rstd to acft with 117' wingspan and smaller. Twy S south of centerline btn Twy S2 and Twy S3, and the southern half of Twy S-2 and Twy S-3 are not visible from twr, pilots use caution entering Twy S-2 and Twy S-3. Runway visibility value Rwy 08L and Rwy 26R avbl. Runway visibility value Rwy 08R and Rwy 26L avbl. All military and general aviation (fixed or rotor wing) acft opr are rstd to FBO facilities with advance coordination overnight tiedown and parking fee. FBO on frequency 130.75. Noise abatement procedures in effect; full-length turbojet departures encouraged, nightly preferential rwy usage, 0600-1500Z±. NOTE: See Special Notices-Continuous Power Facilities.

AIRPORT MANAGER: 909-544-5300

WEATHER DATA SOURCES: ASOS (909) 937-2186 LAWRS. WSP

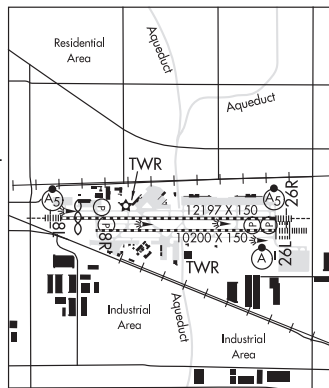
COMMUNICATIONS: D-ATIS 124.25 909-605-0056

Ⓡ SOCIAL APP/DEP CON 125.5 (SW-N) 127.4 (N-NE) 134.0 (NE-S) 135.4 (S-SW)

TOWER 120.6 GND CON 121.9 CLNC DEL 118.1

CPDLC (LOGON KUSA)

AIRSPACE: CLASS C svc ctc APP CON



CONTINUED ON NEXT PAGE

CONTINUED FROM PRECEDING PAGE

RADIO AIDS TO NAVIGATION: NOTAM FILE POC.

POMONA (L) VORTACW 110.4 POM Chan 41 N34°04.70' W117°47.22' 083° 9.4 NM to fld. 1266/15E.

VORTAC unusable:
300°-045° byd 20 NM

VOR portion unusable:
280°-300° byd 20 NM blo 13,000'

TACAN AZIMUTH unusable:
280°-300° byd 20 NM blo 14,000'

PETIS NDB (HW) 397 SB N34°03.39' W117°21.97' 256° 11.7 NM to fld. 972/14E. NOTAM FILE ONT.

ILS 109.7 I-AOD Rwy 08L. Class IE.

ILS/DME 111.35 I-TWO Chan 50(Y) Rwy 26L. Class IIIE.

ILS/DME 109.7 I-ONT Chan 34 Rwy 26R. Class IE.

ORLAND

HAIGH FLD (O37) 3 SE UTC-8(-7DT) N39°43.22' W122°08.78'

218 B TPA-1218(1000) NOTAM FILE RIU

RWY 15-33: H4500X60 (ASPH) S-30 MIRL

RWY 15: PAPI(P2L)-GA 3.5° TCH 28'. Road.

RWY 33: PAPI(P2L)-GA 3.5° TCH 27'. Pole.

SERVICE: S4 FUEL 100LL LGT ACTIVATE PAPI Rwy 15 and Rwy 33;
MIRL Rwy 15-33-CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1500-2330Z†. Ultralight activity on and in/ovf arpt.

AIRPORT MANAGER: 530-934-6530

COMMUNICATIONS: CTAF/UNICOM 122.7

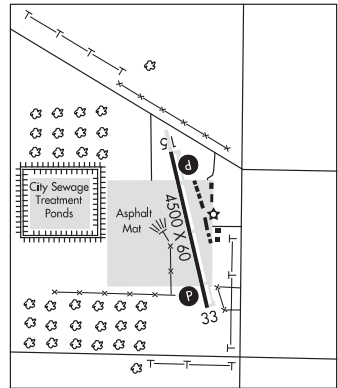
CHICO RCO 109.8 T 122.1R (RANCHO MURIETA RADIO)

® OAKLAND CENTER APP/DEP CON 132.2

RADIO AIDS TO NAVIGATION: NOTAM FILE CIC.

CHICO (T) VOR/DME 109.8 CIC Chan 35 N39°47.39'
W121°50.83' 237° 14.5 NM to fld. 215/16E.

SAN FRANCISCO
L-2G
IAP



OROVILLE

LAKE OROVILLE LANDING AREA SPB (O06) 5 NE UTC-8(-7DT) N39°33.99' W121°28.06'

SAN FRANCISCO

900 TPA-1700(800) NOTAM FILE RIU

WATERWAY ALL-WAY: 9000X9000 (WATER)

SERVICE: FUEL MOGAS

SEAPLANE REMARKS: Unattended. For lake information ctc marina 530-589-3152. Lake elevation varies from 700'-900'

MSL. Waterway all way ldg area located in center of main body of lake. Waterway all way ldg zone is a 9,000 ft diameter circular area in center of main body of lake.

AIRPORT MANAGER: (916) 532-3085

COMMUNICATIONS: CTAF 122.9

OROVILLE MUNI (OVE)(KOVE) 3 SW UTC-8(-7DT) N39°29.27' W121°37.32'

SAN FRANCISCO

194 B TPA—994(800) NOTAM FILE OVE

H-3B, L-2G

RWY 02-20: H6020X100 (ASPH) S-47, D-90 HIRL

IAP

RWY 02: PAPI(P2L)—GA 3.0° TCH 44'.

RWY 20: PAPI(P2L)—GA 3.0° TCH 40'.

RWY 13-31: H3540X100 (ASPH) S-19, D-31 HIRL 0.4% up NW

RWY 13: PAPI(P2L)—GA 3.0° TCH 39'.

RWY 31: PAPI(P2L)—GA 3.0° TCH 29'. Trees.

SERVICE: S3 FUEL 100LL, JET A LGT ACTIVATE PAPI Rwy 02 and Rwy 20; HIRL Rwy 02-20 and Rwy 13-31—CTAF. PAPI Rwy 13 and Rwy 31 opr continuously.

AIRPORT REMARKS: Attended Mon-Sat 1600-0100Z†. For Arpt information Mon-Fri ctc (530) 538-2490. Firefighting acft invof arpt May-Oct. Twy from Rwy 02-20 to golf course/restaurant tiedowns 20' wide with no shoulders.

AIRPORT MANAGER: 530-538-2507

WEATHER DATA SOURCES: ASOS 121.425 (530) 533-5792.

COMMUNICATIONS: CTAF/UNICOM 122.8

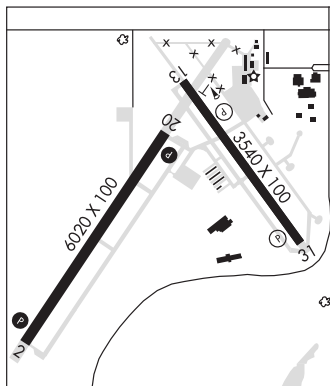
® NORCAL APP/DEP CON 125.4

RADIO AIDS TO NAVIGATION: NOTAM FILE MYV.

MARYSVILLE (T) VOR/DME 110.8 MYV Chan 45 N39°05.92'

W121°34.38' 338° 23.4 NM to fld. 62/16E.

COMM/NAV/WEATHER REMARKS: For clnc del ctc Norcal apch at 916-361-6874.



OXNARD (OXR)(KOXR) 1 W UTC-8(-7DT) N34°12.05' W119°12.43'

LOS ANGELES

45 B TPA—See Remarks Class III, ARFF Index A NOTAM FILE OXR

COPTER

RWY 07-25: H5953X100 (ASPH) S-83, D-126, 2S-89, 2D-238

H-4H, L-3E, 4G, 7B

PCN 30 F/A/W/T MIRL

IAP AD

RWY 07: REIL. PAPI(P4R)—GA 3.0° TCH 40'.

RWY 25: MALSF. PAPI(P4L)—GA 3.0° TCH 59'. Thld dsplcd 453'. Pole.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 07: TORA-5953 TODA-5953 ASDA-5654 LDA-5954

RWY 25: TORA-5953 TODA-5953 ASDA-5953 LDA-5500

SERVICE: S4 FUEL 100LL, JET A OX 1, 2 LGT When twr clsd, ACTIVATE MALSF Rwy 25, REIL Rwy 07, MIRL Rwy 07-25—CTAF.

AIRPORT REMARKS: Attended 1300-0900Z†. Wildlife on and invof arpt. Arpt ops located at base of tower; ctc on 134.95 when twr closed or call 805-382-3022. Noise sensitive all quadrants practice noise abatement/Fly Quiet/procedures. Scheduled air carrier ops involving acft with more than 9 passenger seats are not authorized in excess of 15 min before or 15 min after scheduled arrival or departure times without prior coordination with arpt and confirmation that ARFF svcs are avbl prior to ldf or tkf, ctc 805-382-3022. No turns before reaching 743'. No touch and go, stop and go, or taxi back ops 0400-1500Z†. TPA single engine 1045(1000), multi engine and jet 1445(1400). Arpt opr lctd at base of twr; ctc on 134.95 when twr clsd or call 805-947-6804. Ldg fee over 12,500 pounds.

AIRPORT MANAGER: 805-382-3024

WEATHER DATA SOURCES: ASOS (805) 382-0569

COMMUNICATIONS: CTAF 134.95 ATIS 118.05 805-985-1758

® POINT MUGU APP/DEP CON 124.7

® L.A. CENTER APP/DEP CON 135.5

TOWER 134.95 **GND CON** 121.9 For aftr hrs IFR clnc del ctc Los Angeles ARTCC 661 575-2052.

AIRSPACE: CLASS D svc 1500-0500Z† other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE CMA.

CAMARILLO (L) VORV/DME 115.8 CMA Chan 105 N34°12.75' W119°05.66' 248° 5.7 NM to fld. 63/15E.

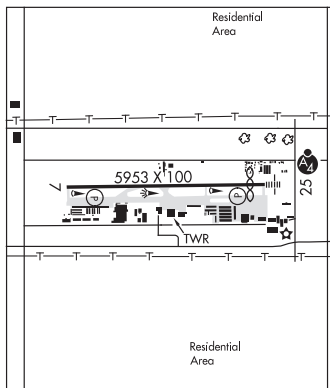
VOR/DME unusable:

046°-245° byd 20 NM blo 14,000'

276°-300° byd 20 NM blo 14,000'

301°-045°

ILS 108.7 I-0XR Rwy 25. Unmonitored when ATCT closed. OM unmonitored.



PALM SPRINGS

BERMUDA DUNES (UDD)(KUDD) 13 E UTC-8(-7DT) N33°44.91' W116°16.49'

LOS ANGELES

73 B TPA—1073(1000) NOTAM FILE RAL

H-4I, L-4I

RWY 10-28: H5002X70 (ASPH) D-70 LIRL 0.4% up W

IAP

RWY 10: Fence.

RWY 28: REIL. VASI(V2L)—GA 3.0° TCH 33'. Thld dsplcd 300'. Road.

SERVICE: S2 **FUEL** 100LL, JET A, A+ **OX 4 LGT** LIRL Rwy 10-28 VASI
Rwy 28 on until 0600Z†, after 0600Z† **ACTIVATE**—CTAF.

AIRPORT REMARKS: Attended Oct 1 thru May 21 1400-0400Z†, June 1 thru Sept 30 1400-0330Z†. Fuel avbl 1400-0400Z†. 24 hr emergency number 760-609-8785. Arpt CLOSED to turbine powered acft 0700-1400Z†; exc mil, law enforcement, EMS acft. Parallel twy clsd acft wingspan greater than 68'. For noise abatement procedures call arpt manager 760-345-2558. No AG flts except by PPR arpt manager. Ldg fee. Ldg fee based on acft type/size.

AIRPORT MANAGER: 760-345-2558

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **SOCAL APP/DEP CON** 135.275 (1400-0700Z†)

Ⓡ **L.A. CENTER APP/DEP CON** 128.15 (0700-1400Z†)

CLNC DEL For clnc del call SOCAL App 800-448-3724

RADIO AIDS TO NAVIGATION: NOTAM FILE TRM.

THERMAL (H) VORTAC 116.2 TRM Chan 109 N33°37.69'
W116°09.61' 309° 9.2 NM to fld. -87/13E.

VOR unusable:

045°-060° byd 30 NM blo 12,000'

045°-060° byd 35 NM blo 13,500'

060°-090° byd 35 NM blo 9,000'

160°-185° byd 30 NM blo 14,000'

160°-185° byd 20 NM blo 12,000'

185°-260° byd 20 NM blo 18,500'

260°-265° byd 35 NM blo 11,000'

260°-265° byd 36 NM blo 12,000'

265°-285° byd 35 NM blo 13,500'

325°-045° byd 20 NM blo 12,000'

325°-045° byd 35 NM blo 13,500'

TACAN AZIMUTH & DME unusable:

060°-090° byd 35 NM blo 9,000'

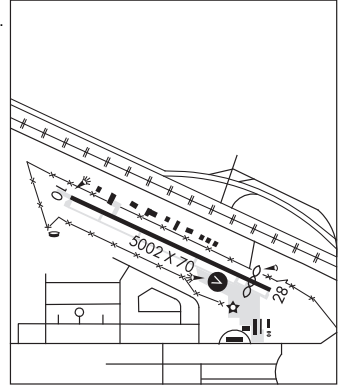
160°-285° byd 15 NM blo 17,500'

160°-285° byd 30 NM

325°-060° byd 20 NM blo 12,000'

325°-060° byd 30 NM blo 15,000'

COMM/NAV/WEATHER REMARKS: ARINC freq 129.7 avbl to ctc FBO for svcs only.



JACQUELINE COCHRAN RGNL (TRM)(KTRM) 20 SE UTC-8(-7DT) N33°37.60' W116°09.58'
-115 B TPA-885(1000) NOTAM FILE TRM

LOS ANGELES

H-41, L-41

IAP

RWY 17-35: H8500X150 (ASPH) S-75, D-200, 2S-175, 2D-325,

2D/2D2-850 MIRL

RWY 17: REIL. VASI(V2L)—GA 3.0° TCH 50'.

RWY 35: REIL. PAPI(P4L)—GA 3.0° TCH 50'.

RWY 12-30: H4995X100 (ASPH) S-20 MIRL 0.3% up NW

RWY 12: PAPI(P2L)—GA 3.0° TCH 25'.

RWY 30: PAPI(P2L)—GA 3.0° TCH 25'.

SERVICE: S4 FUEL 100LL, JET A OX 2, 3, 4 LGT ACTIVATE MIRL

Rwy 12-30 and Rwy 17-35, REIL Rwy 17 and Rwy 35, and VASI

Rwy 17, and PAPI Rwy 12, Rwy 30 and Rwy 35—CTAF.

AIRPORT REMARKS: Attended 1500-0200Z†. Rwy 17-35 200' blast pad both ends.

AIRPORT MANAGER: (951) 955-9418

WEATHER DATA SOURCES: ASOS 118.325 (760) 399-8054.

COMMUNICATIONS: CTAF/UNICOM 123.0

THERMAL RCO 122.3 (RIVERSIDE RADIO)

® **SOCAL APP/DEP CON** 135.275 (1400-0700Z†)

® **L.A. CENTER APP/DEP CON** 128.15 (0700-1400Z†)

CLNC DEL For clnc del call SOCAL App 800-448-3724

AIRSPACE: CLASS E

RADIO AIDS TO NAVIGATION: NOTAM FILE TRM.

THERMAL (H) VORTAC 116.2 TRM Chan 109 N33°37.69' W116°09.61' at fld. -87/13E.

VOR unusable:

045°-060° byd 30 NM blo 12,000'

045°-060° byd 35 NM blo 13,500'

060°-090° byd 35 NM blo 9,000'

160°-185° byd 30 NM blo 14,000'

160°-185° byd 20 NM blo 12,000'

185°-260° byd 20 NM blo 18,500'

260°-265° byd 35 NM blo 11,000'

260°-265° byd 36 NM blo 12,000'

265°-285° byd 35 NM blo 13,500'

325°-045° byd 20 NM blo 12,000'

325°-045° byd 35 NM blo 13,500'

TACAN AZIMUTH & DME unusable:

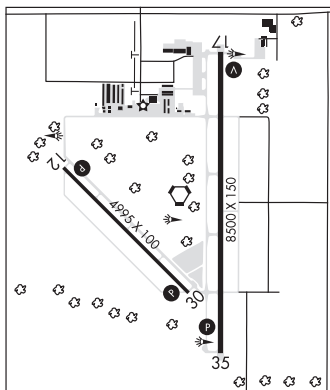
060°-090° byd 35 NM blo 9,000'

160°-285° byd 15 NM blo 17,500'

160°-285° byd 30 NM

325°-060° byd 20 NM blo 12,000'

325°-060° byd 30 NM blo 15,000'



PALM SPRINGS INTL (PSP)(KSPS) 2 E UTC-8(-7DT) N33°49.78' W116°30.40'
 476 B TPA—See Remarks LRA Class I, ARFF Index C NOTAM FILE PSP
RWY 13R-31L: H1000X150 (ASPH-GRVD) 2S-175 PCN 64 F/B/W/T

LOS ANGELES
 H-4I, L-4I
 IAP, AD

HIRL
RWY 13R: REIL. VASI(V6L)—GA 3.0° TCH 41'. Thld dsplcd 3000'.
 1.0% down.
RWY 31L: REIL. PAPI(P4R)—GA 3.0° TCH 55'. Thld dsplcd 1500'. Rgt
 tfc. 0.7% up.
RWY 13L-31R: H4952X75 (ASPH) PCN 5 F/B/W/T MIRL
 0.8% up NW
RWY 13L: REIL. PAPI(P4L)—GA 3.2° TCH 39'.
RWY 31R: REIL. PAPI(P4L)—GA 3.2° TCH 39'. Rgt tfc.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 13R:TORA-10000 TODA-10000 ASDA-9857 LDA-6857
RWY 31L:TORA-10000 TODA-10000 ASDA-10000 LDA-8500

SERVICE: S4 FUEL 100LL, JET A OX 4 LGT PAPI opr on req thru twr.
 When twr clsd ACTIVATE HIRL Rwy 13R-31L—CTAF. MIRL Rwy
 13L/31R, PAPI Rwy 13L, Rwy 31L, and Rwy 31R, REIL Rwy 13L, Rwy
 31R, 13R, and Rwy 31L, VASI Rwy 13R, and Twy E not lgtd when twr
 clsd.

AIRPORT REMARKS: Attended continuously. Rwy 13R designated calm wind
 rwy. No formation lfdgs or tkfs and no overhead manuevers. Lengthy
 engine idling and run-ups on ramp area prohibited. Ctc arpt ops 760-318-3820 for noise mediation procedures. Access
 to/from FBO ramp via Twy G limited to acft with wingspan of less than 40'. Noise sensitive area all quadrants, exercise
 quiet flight procedures. For further information ctc duty supervisor 760-318-3820. TPA-1976(1500) large acft,
 1476(1000) small acft. Rwy 31L PAPI unusable byd 4 NM from thld due to mountainous terrian. Rwy 13L-31R lgtd
 distance remaining markers on E side only. Rwy 13R-31L lgtd distance remaining markers on W side only. Do not mistake
 center twy (Twy C) as Rwy 13R-31L. U.S. Customs user fee arpt. Customs avbl 24 hrs, 4 hrs prior notification required
 call 760-318-3880 FAX 3883.

AIRPORT MANAGER: 760-318-3800

WEATHER DATA SOURCES: ASOS (760) 322-7597 LAWRS.

COMMUNICATIONS: CTAF 119.7 ATIS 118.25 760-327-2770 UNICOM 122.95

RCO 122.1R 115.5T (RIVERSIDE RADIO)

Ⓡ **SOCAL APP/DEP CON** 126.7 (9000'-13000') 135.275 (8000' and blo)

TOWER 119.7 (1400-0700Z) **GND CON** 121.9 **CLNC DEL** 128.35

AIRSPACE: CLASS D svc 1400-0700Z other times CLASS G.

TRSA svc ctc **APP CON** 15 NM out.

RADIO AIDS TO NAVIGATION: NOTAM FILE PSP

(L) **VORTAC** 115.5 PSP Chan 102 N33°52.20' W116°25.79' 225° 4.5 NM to fld. 1600/13E.

VORTAC unusable:

135°-215° byd 20 NM blo 10,200'

215°-270° byd 15 NM blo 12,800'

278°-320° byd 25 NM blo 13,000'

320°-090° byd 15 NM blo 7,300'

THERMAL (H) VORTAC 116.2 TRM Chan 109 N33°37.69' W116°09.61' 292° 21.1 NM to fld.

-87/13E. NOTAM FILE TRM.

VOR unusable:

045°-060° byd 30 NM blo 12,000'

045°-060° byd 35 NM blo 13,500'

060°-090° byd 35 NM blo 9,000'

160°-185° byd 30 NM blo 14,000'

160°-185° byd 20 NM blo 12,000'

185°-260° byd 20 NM blo 18,500'

260°-265° byd 35 NM blo 11,000'

260°-265° byd 36 NM blo 12,000'

265°-285° byd 35 NM blo 13,500'

325°-045° byd 20 NM blo 12,000'

325°-045° byd 35 NM blo 13,500'

TACAN AZIMUTH & DME unusable:

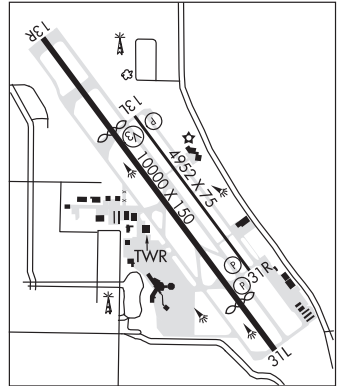
060°-090° byd 35 NM blo 9,000'

160°-285° byd 15 NM blo 17,500'

160°-285° byd 30 NM

325°-060° byd 20 NM blo 12,000'

325°-060° byd 30 NM blo 15,000'



PALMDALE USAF PLANT 42 (PMD)(KPMD) MIL/CIV AF 3 NE UTC-8(-7DT) N34°37.7'

LOS ANGELES
H-41, L-3E, 4G, 7C
IAP, AD

W118°05.07'
2543 B TPA—See Remarks NOTAM FILE PMD
RWY 07-25: H12002X200 (CONC) PCN 71 R/B/W/T HIRL
RWY 07: REIL. 0.5% down.

RWY 25: REIL. PAPI(P4L)—GA 3.0° TCH 58'. Rgt tfc.
RWY 04-22: H12001X150 (CONC) PCN 53 R/B/W/T HIRL
RWY 04: REIL. Hill. Rgt tfc. 0.6% down.

RWY 22: REIL. PAPI(P4L)—GA 2.5° TCH 52'. 0.3% up.
RWY 072-252: H6000X75 (CONC) PCN 97 R/B/W/T

SERVICE: LGT ACTIVATE REIL Rwy 04, 07, 22, 25; PAPI Rwy 22 and Rwy 25; HIRL Rwy 04-22 and Rwy 07-25—CTAF. Gated thld lgt Rwy 04-22 and Rwy 07-25. **MILITARY—** JASU Pwr carts unavbl. **FUEL** A+++. Ltd fueling avbl; gov't acft only 1600-2300Z† Mon-Fri. 24 hr PN with Afld Mgt rqr; no same day req; Gas and go unavbl. Expect 2+ hr delay for fuel. **TRAN ALERT** No fleet svc avbl. No Flw Me svc avbl. Exp progressive taxi to prk. Aircrew responsible for acft pinning/safing. Unable to svc acft with ordnance. Ltd gnd support eqpt avbl. No potable water svc. No tran maint avbl. Gnd svc unavbl when lightning within 5 NM.

AIRPORT REMARKS: Attended 1330-0600Z† other times CLOSED to all tfc without written approval. PPR for all full stop ldg only. Call 661-272-6619/6614 during duty hrs, 661-272-6600 after duty hrs. Bird hazard. Drainage ditches parallel Rwy 22 from Twy S to Twy U. Primarily training 747-707-727. All department acft must file fpl with P42 afld mgmt ops. Unlighted obstructions surround airfield. Rwy 07, Rwy 04 and Rwy 22 3' wooden box at 150' from thld. Parking ramp located south of Rwy 22 and Twy V not visible from twr. Assault ldg zone lctd 1st 6,000' east end of Twy B. Rwy 252 mark only for C-130 assault opr, one way ldg only .Ldg fee.

MILITARY REMARKS: Official business only, Military arpt civil use requires USAF approval and DD form 2400/01/02. See FLIP AP/1 Supplementary Arpt Remarks. **RSTD** Official Business Only. Military arpt. Civil usr rqr USAF approval and DD form 2400/01/02. PPR rqr for full stop ldg only. Call C661-272-6619/6614. Rwy 072-252 used as a military assault strip. Assault ldg zone located 1st 6000' east end of Twy B. Rwy 252 mark only for C-130 assault opr, one-way ldg only. Assault Landing Zone one way landing assault landing zone 25 only. Rwy 252 mark only for C-130 assault opr, one-way ldg only. Use of assault strip ldg zone req prior coordination with 146 OSF/OSK DSN 893-7590, C805-986-7590. Rwy reserved for acft based therein on Sat and Sun. Ground crews must inspect all anticipated afld pavements rqr for their mission prior to each acft arrival or departure. Overnight park unauthorized on C ramp. Twy L between Rwy 04-22 and passenger terminal unlighted and usable for daylight VFR only. **CAUTION** Rwy 07-25 1000' asph overrun each end, overrun poor condition emergency use only. Rwy 04-22 1150' asph overrun each end, overrun poor condition, emergency use only. Use extreme caution for unmanned aerial systems (UAS) ops in vicinity. Last 7000' of Rwy 25, south side, 300' from rwy centerline, ground sfc has terrain irregularities and violates graded area required. Various acft test ops makings painted in white on twy uniform. Rwy 25 NSTD marking. Spot ldg zone mark located at 6000' remaining mark. Rwy 07-25 deceptive sfc mark exceed standard by approximately 50'. FOD haz on Twy S; all large body acft must taxi with outboard motors shut off. **TFC PAT** TPA overhead 4043(1500). Fighter and trainer type acft 4043(1500). All others, rectangular 4543(2000). Acft less than 50,000 pounds 4043(1500). **MISC** Base ops opr 1330-0600Z† Mon-Sat, clsd Sun and federal hol. Winds are estimated due to FMQ-13 wind sensors being accurate to within only +/- 2 Kt. ATC/Wx will not include/relay wind correction into forecasts/phraseology. Therefore, aircrews will incorporate a +/- 2 Kt accuracy into their decision making process for flying opr. Flight plans must be filed and activated with P42 afld management. Use Presscott FSS when P42 afld management clsd. No transportation, lodging or nml svc avbl on site. **COMSEC** storage unavbl.

AIRPORT MANAGER: 661-272-6715

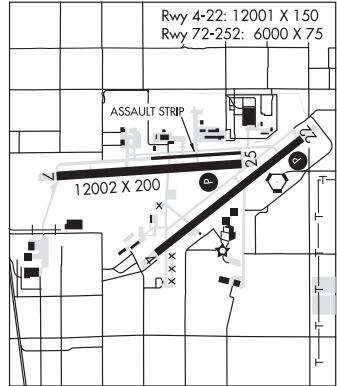
WEATHER DATA SOURCES: ASOS (661) 272-3798

COMMUNICATIONS: CTAF 123.7 ATIS 118.275

JOSHUA APP/DEP CON 124.55 363.0

TOWER 123.7 317.6 (1330-0600Z†, other times clsd to all tfc without written approval, due to mil ops during twr clsd)
GND CON 121.9 317.6

AIRSPACE: CLASS D svc 1330-0600Z† other times CLASS G.



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RADIO AIDS TO NAVIGATION: NOTAM FILE PMD.

(H) **VORTAC** 114.5 PMD Chan 92 N34°37.88' W118°03.83' 248° 1.0 NM to fld. 2498/15E.

VOR unusable:

010°-020°

110°-160° byd 35 NM blo 11,600'

160°-235° byd 30 NM blo 8,100'

TACAN AZIMUTH unusable:

110°-145° byd 20 NM blo 15,500'

145°-235° byd 20 NM blo 14,500'

345°-355° byd 35 NM

DME unusable:

120°-145° byd 20 NM blo 15,500'

145°-150° byd 20 NM blo 14,500'

ILS 110.7 I-PMD Rwy 25. Class ID.

PALO ALTO (PAO)(KPAO) 0 E UTC-8(-7DT) N37°27.67' W122°06.90'

SAN FRANCISCO

7 B TPA—See Remarks NOTAM FILE PAO

L-2F, 3B, A

RWY 13-31: H2443X70 (ASP) S-12.5 MIRL

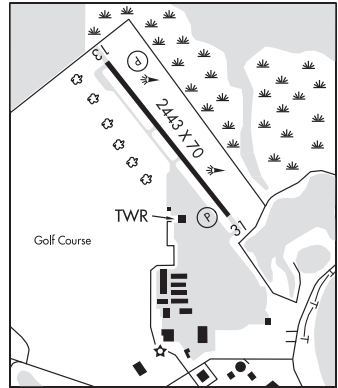
IAP, AD

RWY 13: REIL. PAPI(P2L)—GA 4.0° TCH 29'. Berm.

RWY 31: REIL. PAPI(P2L)—GA 4.0° TCH 29'. Berm. Rgt tfc.

SERVICE: S4 **FUEL** 100LL, JET A **OX 4** **LGT** Arpt lgts opr continuously when twr clsd.

AIRPORT REMARKS: Attended Mon-Sun 1500-0500Z†. Arpt rstd by arpt operator to acft with maximum certificated weight of 12,500 lbs or less. Self-fueling avbl continuously. P-line SE. Birds on and in vicinity of arpt. +100' transmission towers east of arpt. Be alert for pedestrians crossing a dike road 8' high and 300' from end Rwy 13. Continuous pedestrian, vehicle activity on acft taxi lanes not designated as twy movement areas. Noise sensitive area southeast thru west of arpt. Recommend acft ldg at Palo Alto Arpt fly at or above 1500' until crossing the Bayshore Freeway. Recommend acft depart Rwy 31 turn 10° right after txf until reaching Dumbarton Auto Bridge. On apch to Rwy 31 be alert to possible strong updraft from wind tunnel located on west side of Moffett Federal Airfield. TPA—1007(1000) west, and 807(800) east. Arpt security procedures in effect.



AIRPORT MANAGER: (650) 329-2444

WEATHER DATA SOURCES: LAWRS.

COMMUNICATIONS: CTAF 118.6 ATIS 135.275 650-858-0606 UNICOM 122.95

Ⓡ **NORCAL APP CON** 121.3 133.95 134.5

TOWER 118.6 (1500-0500Z†) **GND CON** 125.0

Ⓡ **NORCAL DEP CON** 121.3

AIRSPACE: CLASS D svc 1500-0500Z† other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE OAK.

WOODSIDE (L) VOR/DME 113.9 OSI Chan 86 N37°23.55' W122°16.88' 046° 8.9 NM to fld. 2270/17E.

VOR unusable:

030°-050° byd 15 NM

225°-305° byd 20 NM blo 9,000'

330°-350° blo 11,000'

DME unusable:

160°-350° blo 11,000'

190°-230° byd 20 NM blo 13,000'

230°-350° byd 20 NM

COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not avbl at tower. For Clnc Del when ATCT is clsd ctc Norcal Apch at 916-361-3748.

PANOCHÉ N36°42.93' W120°46.72' NOTAM FILE RIU.

SAN FRANCISCO

(L) **VORTAC** 112.6 PXN Chan 73 332° 21.3 NM to Los Banos Muni. 2060/16E.

H-3B, L-3C

VOR unusable:

230°-280° byd 7NM blo 9,000'

RCO 122.1R 112.6T (RANCHO MURIETA RADIO)

PARADISE N33°55.10' W117°31.80' NOTAM FILE RAL.
(H) VORTAC 112.2 PDZ Chan 59 236° 3.8 NM to Corona Muni. 1432/15E.

**LOS ANGELES
 COPTER
 H-4I, L-3E, 4H, A**

TACAN AZIMUTH unusable:
 130°-145° byd 25 NM blo 5,000'
 145°-190° blo 8,000'
 190°-230° blo 10,000'
 310°-325° byd 35 NM blo 10,900'
 325°-345° byd 25 NM blo 11,500'
 345°-360° byd 35 NM blo 10,500'

VOR unusable:
 010°-015° byd 20 NM blo 10,000'
 130°-145° byd 25 NM blo 5,000'
 145°-190° blo 8,000'
 145°-190° byd 25 NM blo 10,000'
 145°-190° byd 39 NM blo 13,500'
 190°-230° blo 10,000'
 310°-325° byd 35 NM blo 10,900'
 325°-345° byd 25 NM blo 11,500'
 345°-360° byd 35 NM blo 10,500'

DME unusable:
 130°-145° byd 25 NM blo 5,000'
 145°-190° blo 8,000'
 190°-230° blo 10,000'
 310°-325° byd 35 NM blo 10,900'
 325°-345° byd 25 NM blo 11,500'
 345°-360° byd 35 NM blo 10,500'

PARKER N34°06.12' W114°40.92' NOTAM FILE RAL.
(H) VORTAC 117.9 PKE Chan 126 067° 20.8 NM to Avi Suquilla. 1000/15E.

**LOS ANGELES
 H-4I, L-4J, 5A**

VOR unusable:
 090°-110° byd 25 NM blo 3,800'
 110°-140° byd 8 NM blo 4,200'
 140°-155° byd 20 NM blo 4,200'
 155°-170° byd 25 NM blo 4,900'
 170°-185° byd 30 NM blo 4,900'
 230°-240° byd 33 NM blo 5,900'
 260°-290° byd 29 NM blo 5,900'
 290°-300° byd 33 NM blo 6,800'
 300°-315° byd 25 NM blo 6,800'
 325°-335° byd 25 NM blo 5,300'

TACAN AZIMUTH & DME portion unusable:
 090°-167°
 167°-170° byd 25 NM blo 4,900'
 170°-185° byd 30 NM blo 4,900'
 230°-240° byd 33 NM blo 5,900'
 260°-290° byd 29 NM blo 5,900'
 290°-300° byd 33 NM blo 6,800'
 300°-315° byd 25 NM blo 6,800'
 325°-335° byd 25 NM blo 5,300'

RCO 122.1R 117.9T (RIVERSIDE RADIO)

PASO ROBLES MUNI (PRB)(KPRB) 4 NE UTC-8(-7DT) N35°40.37' W120°37.63'

LOS ANGELES
H-4H, L-3C, 7A
IAP, AD

839 B TPA-1839(1000) NOTAM FILE PRB

RWY 01-19: H6008X150 (ASPH-GRVD) S-60, D-106, 2S-134,
2D-150 HIRL

RWY 19: REIL. PAPI(P4L)—GA 3.0° TCH 37'.

RWY 13-31: H4701X100 (ASPH) S-30, D-50, 2D-90 MIRL
0.6% up SE

RWY 31: PAPI(P4L)—GA 3.0° TCH 38'. Tree.

SERVICE: S2 FUEL 100LL, JET A QX4 LGT Rwy lgts opr
dusk-0600Z‡, after 0600Z‡. ACTIVATE HIRL Rwy 01-19, MIRL Rwy
13-31, PAPI Rwy 19 and Rwy 31, Rwy H1 perimeter lgts—CTAF.

AIRPORT REMARKS: Attended 1500-0200Z‡. Fee for call out svc other
hours. 805-596-0212 (FBO). PPR for acft over 80,000 lbs, contact
airport manager 805-237-3877. Rwy 19 designated calm wind rwy.
Overnight tiedown fee.

AIRPORT MANAGER: 805-237-3877

WEATHER DATA SOURCES: ASOS 120.125 (805) 239-3593. HIWAS 114.3
PRB.

COMMUNICATIONS: CTAF/UNICOM 123.0
RCO 122.4 (HAWTHORNE RADIO)

Ⓡ OAKLAND CENTER APP/DEP CON 128.7

AIRSPACE: CLASS E

RADIO AIDS TO NAVIGATION: NOTAM FILE PRB.

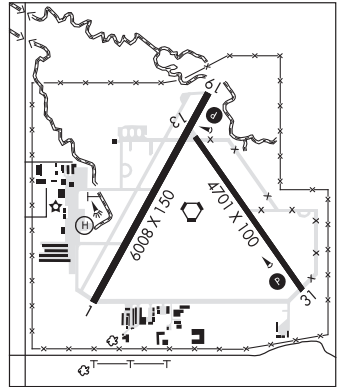
(L) VORTACW 114.3 PRB Chan 90 N35°40.35' W120°37.63' at fld. 817/16E. HIWAS.

TACAN AZIMUTH & DME unusable:
120°-140° byd 27 NM blo 8,000'



HELIPAD H1: H100X100 (ASPH) PERIMETER LGTS

HELIPORT REMARKS: Helipad H1 perimeter lgts.



PERRIS VALLEY (L65) 1 SE UTC-8(-7DT) N33°45.88' W117°13.14'
1413 TPA—2413(1000) NOTAM FILE RAL

LOS ANGELES
COPTER
H-4I, L-4H, A

RWY 15-33: H5100X50 (ASPH)

RWY 15: Thld dsplcd 1900'. Trees. Rgt tfc.

RWY 33: Thld dsplcd 144'.

SERVICE: S4 FUEL 100LL, JET A

AIRPORT REMARKS: Attended dawn-dusk. Fuel available for emergency use only. Parachute Jumping. Extensive ultralight and parachuting activities daily, do not overfly arpt, avoid airspace adjacent East. Ultralights on and in vicinity of arpt. Ultralight and parachuting activities can be monitored on frequency 122.775

AIRPORT MANAGER: 951-943-9673

COMMUNICATIONS: CTAF 122.775

RADIO AIDS TO NAVIGATION: NOTAM FILE RAL.

PARADISE (H) VORTAC 112.2 PDZ Chan 59 N33°55.10'
W117°31.80' 106° 18.1 NM to fld. 1432/15E.

TACAN AZIMUTH unusable:

130°-145° byd 25 NM blo 5,000'

145°-190° blo 8,000'

190°-230° blo 10,000'

310°-325° byd 35 NM blo 10,900'

325°-345° byd 25 NM blo 11,500'

345°-360° byd 35 NM blo 10,500'

VOR unusable:

010°-015° byd 20 NM blo 10,000'

130°-145° byd 25 NM blo 5,000'

145°-190° blo 8,000'

145°-190° byd 25 NM blo 10,000'

145°-190° byd 39 NM blo 13,500'

190°-230° blo 10,000'

310°-325° byd 35 NM blo 10,900'

325°-345° byd 25 NM blo 11,500'

345°-360° byd 35 NM blo 10,500'

DME unusable:

130°-145° byd 25 NM blo 5,000'

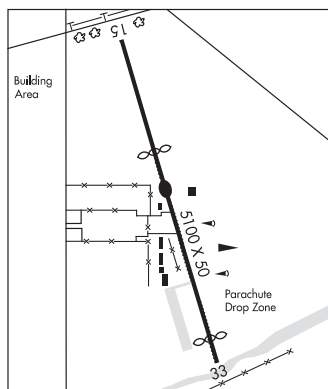
145°-190° blo 8,000'

190°-230° blo 10,000'

310°-325° byd 35 NM blo 10,900'

325°-345° byd 25 NM blo 11,500'

345°-360° byd 35 NM blo 10,500'



PETALUMA MUNI (O69) 1 NE UTC-8(-7DT) N38°15.47' W122°36.32'
90 B TPA—1090(1000) NOTAM FILE OAK

SAN FRANCISCO
L-2F, 3A, A
IAP

RWY 11-29: H3602X75 (ASPH) S-12.5 MIRL 0.4% up W

RWY 11: Trees.

RWY 29: PAPI(P4L)—GA 3.0° TCH 52'. Rgt tfc.

SERVICE: S4 FUEL 100LL, JET A OX 2, 3, 4 LGT ACTIVATE PAPI Rwy 29; MIRL Rwy 11-29—CTAF.

AIRPORT REMARKS: Attended 1600-0100Z. Noise abatement procedure 800' MSL before crosswind turn, straight out climb to 1500' MSL for departures, downwind stay outside Adobe Road, avoid overflights of the Old Adobe Historic Park.

AIRPORT MANAGER: 707-778-4404

WEATHER DATA SOURCES: AWOS-3P 132.325 (707) 773-1529.

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ OAKLAND CENTER APP/DEP CON 127.8

RADIO AIDS TO NAVIGATION: NOTAM FILE APC.

SCAGGS ISLAND (L) VORTACW 112.1 SGD Chan 58 N38°10.76' W122°22.39' 276° 11.9 NM to fld. 5/17E.

PETIS N34°03.39' W117°21.97' NOTAM FILE ONT.
NDB (HW) 397 SB 056° 6.9 NM to San Bernardino Intl. 972/14E.

LOS ANGELES
COPTER
L-4H, 7C, A

PINE MOUNTAIN LAKE (See GROVELAND on page 132)

PLACERVILLE (PVF)(KPVF) 3 E UTC-8(-7DT) N38°43.45' W120°45.20'
 2585 B TPA-3385(800) NOTAM FILE RIU
RWY 05-23: H3910X75 (ASPH) S-26 MIRL
RWY 05: VASI(V4L)—GA 3.0° TCH 27'. Rgt tfc.
RWY 23: PAPI(P2L)—GA 3.75° TCH 28'.

SAN FRANCISCO
 L-3A
 IAP

SERVICE: S4 **FUEL:** 100LL, JET A **LGT ACTIVATE:** MIRL Rwy 05-23 and VASI Rwy 05 and PAPI Rwy 23—CTAF.

AIRPORT REMARKS: Attended 1600-0100Z±. Fuel avbl 24 hrs by credit card. Deer on and invof rwy especially ngts. PPR for touch and go lds for acft over 12,500 pounds. Noise abatement procedures no mid-field departures, no turns W or N prior to 3400 MSL or clear of noise sensitive area. Rwy 23 after tcf make 10° left turn at end of rwy to avoid noise sensitive residential areas. Trees 750' north Rwy 05-23 2697' MSL (110' AGL) not lgtd.

AIRPORT MANAGER: 530-622-0459
WEATHER DATA SOURCES: AWOS-3 128.125 (530) 622-5698.
COMMUNICATIONS: CTAF/UNICOM 122.8

HANGTOWN RCO 115.5T 122.1R (RANCHO MURIETA RADIO)

Ⓡ **NORCAL APP/DEP CON** 127.4

RADIO AIDS TO NAVIGATION: NOTAM FILE RIU.

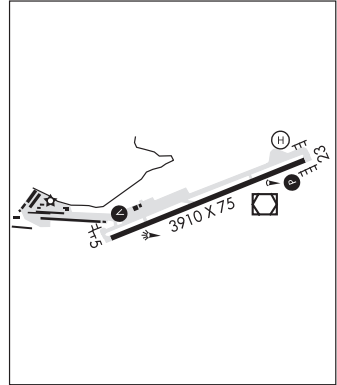
HANGTOWN (L) VOR/DME 115.5 HNW Chan 102 N38°43.48' W120°44.96' at fld. 2583/17E.

VOR unusable:
 200°-260° byd 15 NM blo 9,500'
 320°-350° byd 10 NM blo 6,000'
 320°-350° byd 25 NM blo 14,500'

COMM/NAV/WEATHER REMARKS: For clnc del ctc Norcal apch at 916-361-6874.

HELIPAD H1: H50X50 (CONC)

HELIPORT REMARKS: Helipad located on N side of Rwy 05 end, tfc pat and noise abatement procedures apply. Helipad parking at NE end of rwy.



POGGI N32°36.62' W116°58.74' NOTAM FILE SDM.
(L) VORTAC 109.8 PGY Chan 35 167° 2.3 NM to Brown Fld Muni. 580/14E.

LOS ANGELES
 L-4H

DME unusable:
 005°-015° byd 30 NM
 060°-080° byd 25 NM
 080°-100°

VOR unusable:
 005°-015° byd 30 NM
 060°-080° byd 25 NM
 080°-100°

TACAN AZIMUTH unusable:
 060°-080° byd 25 NM
 080°-100°

POINT ARENA N38°57.28' W123°44.44'
RCO 122.6 (OAKLAND RADIO)

SAN FRANCISCO
 L-2G

POINT MUGU NAS (NAVAL BASE VENTURA CO) (NTD)(KNTD) NAS (ANG) 0 N UTC-8(-7DT)

LOS ANGELES

N34°07.16' W119°07.18'

H-4H, L-3E, 4G, 7B

13 B NOTAM FILE NTD Not insp.

DIAP, AD

RWY 03-21: H11102X200 (ASPH) PCN 62 R/C/W/T HIRL

RWY 03: SALS. OLS.

RWY 21: MALS. OLS.

RWY 09-27: H5502X200 (ASPH) PCN 64 F/B/W/T HIRL

ARRESTING GEAR/SYSTEM

RWY 03 HOOK E28(B) (2500')

HOOK E28(B) (2502') **RWY 21**

RWY 09 HOOK E28(B) (641')

HOOK E28(B) (1252') **RWY 27**

SERVICE: **MILITARY—** JASU 3(NCNP-105) 8(A/M47A-4) 9(GTC-85) **FUEL** J5, F24 (Jet AA) **FLUID** SP LHOX LOX OIL

O-128-148 **TRAN ALERT** Opr 1400-0700Z± wkd; clsd altn Fri, Sat, Sun and hol. No tran acct outside these hr wo PPR.

MILITARY REMARKS: Opr 1500-0700Z±. See FLIP AP/1 Supplementary Arpt Remarks and AP/1A. Bird watch cond severe:

Wildlife activity on or imt above the active rwy or other specific location regg hight potential for strikes; supervision and

aircrews must thoroughly evaluate mission need before conducting operations in areas under cond severe. Bird watch

cond moderate: Wildlife activity near the active rwy or other specific locations regg increased potential for strikes; reqs

increased vigilance by all agencies and supervisors and caution by aircrews. Bird watch cond low: Wildlife activity on or

around the afd regg low potential for strikes. Wildlife hazard exists; pilots should report all bird and mammal sightings to

twr or BOPS on freq 305.6. Phase I all dates not designated as phase II. Phase II eff 1 Oct thru 15 Apr; bird act is incr'd

during these times. During Phase II, pilots can exp bird watch cond to be moderate or severe; takeoffs/landings within 90

min of offl SR/SS should only happen if it is mission essential; and if possible, training and frmn missions should avoid

takeoff/landing with 90 min of the official SR/SS. Acft fit line security is ltd, prior coord required. **RSTD** PPR. OPS Duty

Officer DSN 351-8521, C805-989-8521. Prior coordination or flt advisory rqr AMC/NALO mission. Weekends, Oct-Jan,

BASH support act removing waterfowl from the air in marsh areas S of Rwy 09-27 and w/ 700' of Rwy 21 edges/overrun.

CAUTION Extreme mid-air potential due to high density VFR general aviation tfc in vicinity. Civilian arpt (Camarillo) 6 NM

N uncontrolled 0500-1500Z± daily. High terrain to 1567' E of fld. Bird watch condition is moderate to severe, due to

seasonal bird migration annually from Oct 1-Apr 30. Bird Hazard: Hang glider activity vicinity Round Mt 4 NM NE SR-SS.

Arpt paradow area active daily, 2-4 NM west of FNA crs Rwy 21 between 7-9 NM. **TFC PAT** Reduced rwy separation

standards in effect USN/USMC acft. Rwy 21 dep do not commence turns until 500' and 1/2 NM offshore. Rwy 27 dep

do not commence turns until 500'. **NS ABTMT** Avoid populated areas when possible due to extreme noise sensitive area.

Procedure in effect 0400-1600Z±. Expect Rwy 03 arr and Rwy 21 dep between 0400-0700Z± jets, and 0600-0700Z±

all other acft, Mon-Sun, and federal holidays. **CSTMS/AG/IMS** Customs, Agriculture, Immigration avbl during opr hr with 24

hr prior notice. **MISC** Acft fit line security is ltd; rqr prior coord. **ANG** Channel Islands ANGB PPR DSN 893-7577,

C805-986-7577. PPR rqr'd for all transient acft DSN 893-7577/7578, C805-986-7577/7578. Channel Islands ANG

base ops normal opr hrs 1400-2200Z± Mon-Fri, clsd Sat, Sun, and hol. Normal transient hrs 1400-2200Z± Tue-Fri, ltd

Mon, clsd Sat, Sun, and hol. Temporary waivers on ANG ramp: Fire hydrant bollards exist along the edge of the APN;

modular airborne FFR sys pit taxi lines are not marked IAW reg; pits are only used during contingency ops, allowing acft

to taxi close to fac to reload retardant; painted turn guidelines between parking spaces are not uniform (distances vary

from 160.5 ft to 182.67 ft; current configuration places age equipment beneath the wing of turning acft, within the clear

zone around the prop, and non-std markings-nose wheel markings and acft spot indication.

COMMUNICATIONS: SFA ATIS 125.55 363.05

FILLMORE RCO 122.1R 112.5T (HAWTHORNE RADIO)

® **APP/DEP CON** 128.65 307.275 (1500-0700Z±)

® **L.A. CENTER APP/DEP CON** 135.5 327.1 (0700-1500Z±)

TOWER 124.85 135.175 290.375 340.2 (1500-0700Z±, clsd holidays other times ctc L.A. Center App/Dep Con)

GND CON 121.6 360.2 **CLNC DEL** 120.75 279.55

PMSV METRO 386.35 OTS indef. **BASE OPS** 267.5 **ANG OPS** 305.6

AIRSPACE: CLASS D svc 1500-0700Z± closed holidays other times CLASS G.

CONTINUED ON NEXT PAGE

CONTINUED FROM PRECEDING PAGE

RADIO AIDS TO NAVIGATION: NOTAM FILE HHR.

FILLMORE (L) VORTAC 112.5 FIM Chan 72 N34°21.40' W118°52.88' 205° 18.5 NM to fld. 2200/15E.

VOR unusable:

280°-315° byd 20 NM blo 11,000'

280°-315° byd 31 NM blo 14,000'

315°-360° byd 25 NM blo 14,000'

TACAN AZ unusable:

265°-275° byd 15 NM

280°-310° byd 20 NM blo 14,000'

310°-360° byd 25 NM blo 14,000'

TACAN DME unusable:

265°-275° byd 15 NM

280°-315° byd 20 NM blo 11,000'

280°-315° byd 31 NM blo 14,000'

315°-360° byd 25 NM blo 14,000'

(L) TACAN Chan 43 NTD (110.6) N34°07.40' W119°07.32' at fld. 7/12E. NOTAM FILE NTD. TACAN unmonitored 0700-1500Z‡.

TACAN AZIMUTH unusable:

060°-110° byd 15 NM blo 5,000'

DME unusable:

060°-110° byd 15 NM blo 5,000'

ILS/DME 109.3 I-RRG Chan 30 Rwy 21. Class IB. Unmonitored when ATCT closed.

ASR/PAR (1500-0700Z‡)

COMM/NAV/WEATHER REMARKS: Radar see Terminal FLIP for Radar Minima. Expanded Radar Svc—All flt conducted under positive control. Inbound acft not opr under ATC or Plead (132.425 306.6), ctc APP CON 25 NM out.

POINT REYES N38°04.79' W122°52.07' NOTAM FILE OAK.

SAN FRANCISCO

(H) VOR/DME 113.7 PYE Chan 84 058° 15.2 NM to Gness Fld. 1340/17E.

H-3A, L-2F, 3A, A

POMONA N34°04.70' W117°47.22' NOTAM FILE POC.

LOS ANGELES

(L) VORTAC 110.4 POM Chan 41 at Brackett Fld. 1266/15E.

COPTER

VORTAC unusable:

300°-045° byd 20 NM

VOR portion unusable:

280°-300° byd 20 NM blo 13,000'

TACAN AZIMUTH unusable:

280°-300° byd 20 NM blo 14,000'

RCO 123.65 (RIVERSIDE RADIO)

H-4I, L-3E, 4H, 7C, A

PORTERVILLE MUNI (PTV)(KPTV) 3 SW UTC-8(-7DT) N36°01.78' W119°03.76'

SAN FRANCISCO

443 B TPA-1443(1000) NOTAM FILE PTV

H-4I, L-3C, 9A

RWY 12-30: H5960X150 (ASPH-GRVD) S-30, D-70, 2D-110 HIRL

IAF

RWY 12: VASI(V4R)—GA 3.0° TCH 29'. Road.

RWY 30: REIL. VASI(V4R)—GA 3.0° TCH 60'. Road.

SERVICE: S4 FUEL 80, 100LL, JET A LGT HIRL Rwy 12-30 preset low

intensity dusk-0700Z‡; after 0700Z‡ ACTIVATE—CTAF. ACTIVATE

VASI Rwy 12—CTAF; VASI Rwy 30 operates continuously.

AIRPORT REMARKS: Attended May-Oct 1500-0300Z‡, Nov-Apr

1600-0100Z‡. For arpt attendant call 559-782-7540. Self svc fuel

avbl 24 hrs with credit card.

AIRPORT MANAGER: 559-782-7540

WEATHER DATA SOURCES: AWOS-3PT 134.625 (559) 784-3874.

COMMUNICATIONS: CTAF/UNICOM 122.8

TULE RCO 109.2T 122.1R (RANCHO MURIETA RADIO)

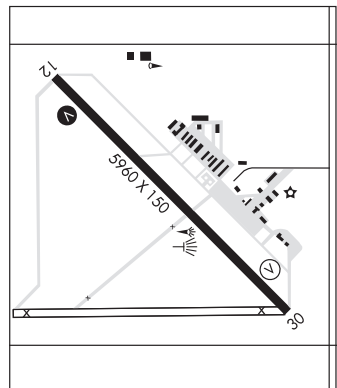
Ⓡ BAKERSFIELD APP/DEP CON 120.5 (1400-0700Z‡)

L.A. CENTER APP/DEP CON 127.1 (0700-1400Z‡)

RADIO AIDS TO NAVIGATION: NOTAM FILE PTV.

TULE (L) VOR/DME 109.2 TTE Chan 29 N35°54.78'

W119°01.25' 328° 7.3 NM to fld. 580/16E.



POSO-KERN CO (See FAMOSO on page 124)

PRIEST N36°08.42' W120°39.90' NOTAM FILE OAK.

SAN FRANCISCO

(L) VORW 110.0 ROM 268° 22.8 NM to Mesa Del Rey. 3880/16E. SHUTDOWN.

L-3C

QUINCY

GANSNER FLD (201) 1 N UTC-8(-7DT) N39°56.64' W120°56.72'

SAN FRANCISCO

3419 B TPA-4419(1000) NOTAM FILE RIU

L-11A

RWY 07-25: H4105X60 (ASPH) S-12.5 MIRL 0.3% up SW

RWY 07: Road.

RWY 25: VASI(V2L)—GA 3.0° TCH 27'. Rgt tfc.

SERVICE: FUEL 100LL LGT Rotating bcn located 2000' north of arpt on top of hill. Secondary white bcn 3 miles south of arpt, dusk-dawn.

ACTIVATE MIRL Rwy 07-25—CTAF.

AIRPORT REMARKS: Unattended. 24 hr 100LL fuel by credit card. Due to proximity of terrain normal opr are: for dep/touch and go Rwy 07 only; lds on Rws 07 and 25. Ultralights on and invof arpt. Firefighting acft invof arpt May-Oct. Rapidly rising terrain with 100' trees on north side of rwy. Arpt rstd by arpt opr to acft maximum certificated tkf weight of 12,500 lbs or less.

AIRPORT MANAGER: 530-283-6070

WEATHER DATA SOURCES: AWOS-2 135.600 (530) 283-6528.

COMMUNICATIONS: CTAF/UNICOM 122.7

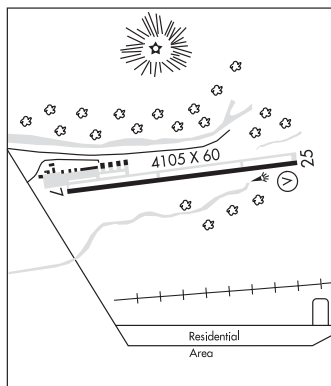
QUINCY RCO 122.4 (RANCHO MURIETA RADIO)

RADIO AIDS TO NAVIGATION: NOTAM FILE TVL.

SQUAW VALLEY (L) VORW/DME 113.2 SWR Chan 79 N39°10.82'

W120°16.18' 310° 55.5 NM to fld. 8850/16E. HIWAS.

COMM/NAV/WEATHER REMARKS: For clnc del ctc Norcal apch at 916-361-6874.



RAMONA (RNM)(KRNM) 2 W UTC-8(-7DT) N33°02.35' W116°54.92'

LOS ANGELES

1395 B TPA-See Remarks NOTAM FILE RNM

H-4I, L-4H

RWY 09-27: H5001X150 (ASPH) S-7.5, D-9.5, 2D-17.0 MIRL

IAP, AD

RWY 09: PAPI(P2L)—GA 3.5° TCH 51'.

RWY 27: REIL. PAPI(P2L)—GA 3.5° TCH 32'.

SERVICE: S4 FUEL 100LL, JET A LGT ACTIVATE REIL Rwy 27, MIRL Rwy 09-27 and twy lgt—CTAF. PAPI Rwy 09 and Rwy 27 operates 24 hrs.

AIRPORT REMARKS: Attended 1600-0400Z. Be alert for birds year round, various size and species. Ocnl coyote on or invof of rwy and twy. PPR for all military acft ctc arpt manager. Ultralights not authorized. Forest Service fire fighting acft on and invof arpt. Air tankers in vicinity May-Nov frequently fly NSTD pattern entries. Voluntary jet curfew 0600-1500Z. Noise sensitive are NE-SE. Noise abatement, tkf climb on rwy heading until 1900' MSL. TPA-2395(1000) single engine, 2895(1500) multi-engine. For fire fighting activity call arpt manager. Rwy 27 calm wind rwy.

AIRPORT MANAGER: 760-788-3366

WEATHER DATA SOURCES: ASOS 132.025 (760) 789-0736.

COMMUNICATIONS: CTAF 119.875 ATIS 132.025 UNICOM 122.95

Ⓡ SOCIAL APP CON 132.2

TOWER 119.875 (1600-0400Z) GND CON 121.65

Ⓡ SOCIAL DEP CON 127.3

CLNC DEL For clnc del when twr clsd call SOCIAL App 800-448-3724

AIRSPACE: CLASS D svc 1600-0400Z other times CLASS G.

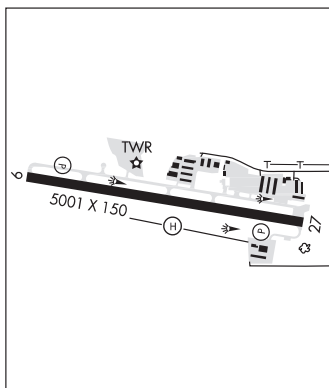
RADIO AIDS TO NAVIGATION: NOTAM FILE SAN.

JULIAN (L) VORTACW 114.0 JLI Chan 87 N33°08.43' W116°35.16' 235° 17.7 NM to fld. 5560/15E. HIWAS.

COMM/NAV/WEATHER REMARKS: When twr clsd acft must self-announce on CTAF prior to ldg or tkof.

• • • • •
HELIPAD H1: H340X66 (ASPH-CONC)

HELIPORT REMARKS: Helipad use is not authorized when tower clsd. Helipad parking N of rwy not open to public. Helipad kid lds on rwy and twy prohibited. Helipad ops to helipad south of rwy restricted to 6,000 lbs or less.



RANCHO MURIETA (RIU)(KRIU) 1 W UTC-8(-7DT) N38°29.21' W121°06.17'
 144 TPA—944(800) NOTAM FILE RIU
RWY 04-22: H3798X75 (ASPH)
RWY 04: VASI(V2L)—GA 3.0° TCH 12'. Road. Rgt tfc.
RWY 22: VASI(V2L)—GA 3.0° TCH 12'. Tree.
SERVICE: FUEL 100LL, JET A LGT Rwy 04 VASI OTS indef. Arpt lgts opr 1600-0100Z†.
AIRPORT REMARKS: Attended 1600-0100Z†. Deer on and invof rwy. +30' obstruction lit power poles parallel to Rwy 04-22. All ultralights must comply with FAR 103 and have an operating acft radio. All transient acft rqud to park in designated transient area. Rwy 22 noise abatement procedures in effect, ctc arpt manager 916-354-2940. Ldg fees apply. PSTN single \$25, PSTN twin \$40, Turbo prop \$75, Jet \$100.
AIRPORT MANAGER: 916-354-2940
COMMUNICATIONS: CTAF/UNICOM 122.8
 RCO 122.2 (RANCHO MURIETA RADIO)
RADIO AIDS TO NAVIGATION: NOTAM FILE SAC.
SACRAMENTO (H) VORTACW 115.2 SAC Chan 99 N38°26.62' W121°33.10' 066° 21.3 NM to fld. 3/17E.
COMM/NAV/WEATHER REMARKS: For clnc del cte Norcal apch at 916-361-6874.

SAN FRANCISCO
 L-2F, 3A

RAND MOUNTAIN N35°20.32' W117°41.02'
 RCO 122.4 (RIVERSIDE RADIO)

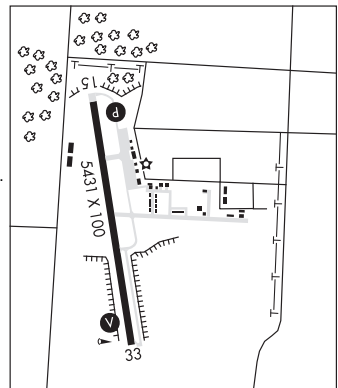
LOS ANGELES
 L-7C

RAVENDALE (O39) 0 N UTC-8(-7DT) N40°48.22' W120°21.97'
 5306 TPA—6106(800) NOTAM FILE RNO
RWY 17-35: H2607X30 (ASPH)
RWY 35: Thld dsplcd 394'. Pole.
AIRPORT REMARKS: Unattended. Unpaved areas extremely soft when wet.
AIRPORT MANAGER: 530-251-8299
COMMUNICATIONS: CTAF 122.9

KLAMATH FALLS

RED BLUFF MUNI (RBL)(KRBL) 2 S UTC-8(-7DT) N40°09.02' W122°15.13'
 352 B TPA—See Remarks NOTAM FILE RBL
RWY 15-33: H5431X100 (ASPH) S-30, D-65, 2S-83 MIRL
RWY 15: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Rgt tfc.
RWY 33: REIL. VASI(V4L)—GA 3.0° TCH 40'.
SERVICE: S4 FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 15-33, PAPI Rwy 15 and VASI Rwy 33—CTAF.
AIRPORT REMARKS: Attended 1500Z†-dusk. Automated credit card fuel system 24 hours. Ultralight activity on and invof arpt. TPA—1852 (1500) turbo ops, 1352 (1000) others. Rwy 15 calm wind rwy.
AIRPORT MANAGER: 530-527-2605
WEATHER DATA SOURCES: ASOS 120.775 (530) 528-8030. HIWAS 115.7 RBL.
COMMUNICATIONS: CTAF/UNICOM 123.0
 RCO 122.4 (RANCHO MURIETA RADIO)
 Ⓡ OAKLAND CENTER APP/DEP CON 132.2
AIRSPACE: CLASS E
RADIO AIDS TO NAVIGATION: NOTAM FILE RBL.
(H) VORTACW 115.7 RBL Chan 104 N40°05.93' W122°14.18' 329° 3.2 NM to fld. 321/18E. HIWAS.
 VOR portion unusable:
 280°-300° blo 3,500'

KLAMATH FALLS
 H-3B, L-2H
 IAP



REDDING

BENTON FLD (O85) 1 W UTC-8(-7DT) N40°34.42' W122°24.44'

KLAMATH FALLS

723 B TPA-1723(1000) NOTAM FILE RIU

RWY 15-33: H2420X75 (ASPH) S-12.5 MIRL

RWY 15: PAPI(P2L)-GA 3.5° TCH 24'. Rgt ttc.

RWY 33: PAPI(P2L)-GA 3.5° TCH 24'.

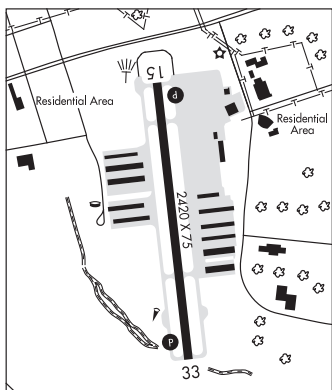
SERVICE: S2 FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 15-33,

PAPI Rwy 15 and Rwy 33-CTAF. Twy lighting rwy entrances only.

AIRPORT REMARKS: Attended 1400Z†-dusk. High & lo pressure & ox replacement bottles avbl at Redding Muni (RDD). Large birds frequently on and invof arpt Oct-Apr. For noise abatement climb to 1500' AGL before turning. Calm wind preferred direction is Rwy 33.

AIRPORT MANAGER: 530-224-4321

COMMUNICATIONS: CTAF/UNICOM 122.8



REDDING MUNI (RDD)(KRDD) 6 SE UTC-8(-7DT) N40°30.54' W122°17.60'

KLAMATH FALLS

505 B TPA-See Remarks Class I, ARFF Index B NOTAM FILE RDD

H-3B, L-2H

RWY 16-34: H7003X150 (ASPH-GRVD) S-98, D-128, 2S-135, 2D-195

IAP, AD

PCN 60 F/C/X/T HIRL

RWY 16: REIL. PAPI(P4L)-GA 3.0° TCH 35'. Tree.

RWY 34: MALSR. PAPI(P4L)-GA 3.0° TCH 55'.

RWY 12-30: H5067X150 (ASPH) S-60, D-72, 2S-91, 2D-110

PCN 60 F/C/X/T MIRL

RWY 12: Trees.

RWY 30: PAPI(P2L)-GA 3.0° TCH 32'. Tree.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 12: TORA-5067 TODA-5067 ASDA-5067 LDA-5067

RWY 16: TORA-7003 TODA-7003 ASDA-7003 LDA-7003

RWY 30: TORA-5067 TODA-5067 ASDA-5067 LDA-5067

RWY 34: TORA-7003 TODA-7003 ASDA-6997 LDA-6997

SERVICE: S4 FUEL 100LL, JET A OX 1, 2, 3, 4 LGT ACTIVATE MALSR

Rwy 34; REIL Rwy 16; PAPI Rwy 16; HIRL Rwy 16-34; MIRL Rwy

12-30; twy lgts-CTAF.

AIRPORT REMARKS: Attended dawn-dusk. PPR For unscheduled air carrier ops with more than 30 passenger seats. 0530-1430Z† call arpt manager 530-224-4321. For noise abatement avoid overflights of residential housing when possible. US Forest Service on fld, expect heavy air tanker activity during fire season. TPA-Light acct 1505(1000) Large-Turbo Jet acct 2005(1500).

AIRPORT MANAGER: 530-224-4321

WEATHER DATA SOURCES: ASOS (530) 221-7144

COMMUNICATIONS: CTAF 119.8 ATIS 124.1 UNICOM 122.95

RCO 122.1R 108.4T (RANCHO MURIETA RADIO)

Ⓡ OAKLAND CENTER APP/DEP CON 132.2

TOWER 119.8 (1430-0530Z†) **GND CON** 121.7

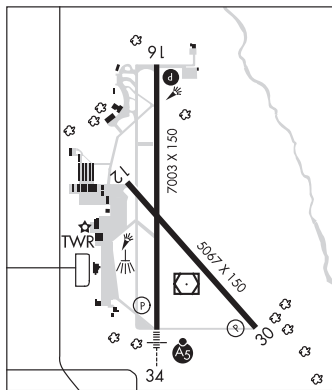
AIRSPACE: CLASS D svc 1430-0530Z† other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE RDD.

(T) **VOR/DME** 108.4 RDD Chan 21 N40°30.27' W122°17.50' at fld. 496/18E.

ILS/DME 108.7 I-RDD Chan 24 Rwy 34. Class IE. Unmonitored when ATCT clsd. Localizer backcourse unusable wi 2 DME avb 2,000'.

COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not avbl at twr.



REDLANDS MUNI (REI)(KREI) 2 NE UTC-8(-7DT) N34°05.12' W117°08.78'
 1574 B TPA-2503(929) NOTAM FILE RAL
RWY 08-26: H4504X75 (ASPH) S-12.5 MIRL 2.3% up E
RWY 08: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Fence.
RWY 26: REIL. Trees. Rgt tfc.

LOS ANGELES
COPTER
 L-4H, 7C, A
IAP

SERVICE: S4 **FUEL** 100LL **OX** 1, 2 **LGT** ACTIVATE MIRL Rwy 08-26,
 REIL Rwy 08, REIL Rwy 26 and PAPI Rwy 08—CTAF.

AIRPORT REMARKS: Attended 1600-0100Z†. Self serve 100LL fuel avbl
 24-7.

AIRPORT MANAGER: 909-798-7655

COMMUNICATIONS: CTAF/AUNICOM 123.05

Ⓡ **SOCAL APP/DEP CON** 127.0 (North-NE)

CLNC DEL For clnc del call Socal App 800-448-3724.

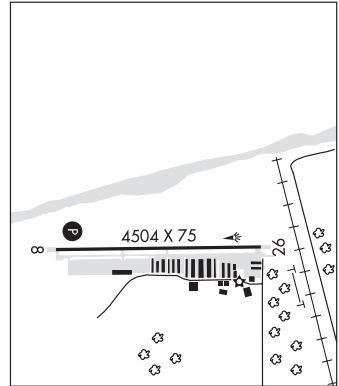
RADIO AIDS TO NAVIGATION: NOTAM FILE RAL.

PARADISE (H) VORTAC 112.2 PDZ Chan 59 N33°55.10'
 W117°31.80' 047° 21.6 NM to fld. 1432/15E.

TACAN AZIMUTH unusable:
 130°-145° byd 25 NM blo 5,000'
 145°-190° blo 8,000'
 190°-230° blo 10,000'
 310°-325° byd 35 NM blo 10,900'
 325°-345° byd 25 NM blo 11,500'
 345°-360° byd 35 NM blo 10,500'

VOR unusable:
 010°-015° byd 20 NM blo 10,000'
 130°-145° byd 25 NM blo 5,000'
 145°-190° blo 8,000'
 145°-190° byd 25 NM blo 10,000'
 145°-190° byd 39 NM blo 13,500'
 190°-230° blo 10,000'
 310°-325° byd 35 NM blo 10,900'
 325°-345° byd 25 NM blo 11,500'
 345°-360° byd 35 NM blo 10,500'

DME unusable:
 130°-145° byd 25 NM blo 5,000'
 145°-190° blo 8,000'
 190°-230° blo 10,000'
 310°-325° byd 35 NM blo 10,900'
 325°-345° byd 25 NM blo 11,500'
 345°-360° byd 35 NM blo 10,500'



REEDLEY MUNI (O32) 4 N UTC-8(-7DT) N36°40.26' W119°27.06'
 386 B TPA-1386(1000) NOTAM FILE RIU

SAN FRANCISCO
 L-3C, 9A
IAP

RWY 15-33: H3300X60 (ASPH) S-12 MIRL

RWY 15: REIL. PAPI(P2L)—GA 3.0° TCH 41'. Trees.

RWY 33: REIL. PAPI(P2L)—GA 4.0° TCH 49'. Tree. Rgt tfc.

SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTIVATE MIRL Rwy 15-33,
 REIL Rws 15 and 33, and PAPI Rws 15 and 33 and twy lgts—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1600-0100Z†. Self svc fuel 24 hrs
 computerized credit card. For fuel phone number beside pumps, 7
 days 1600-0100Z†.

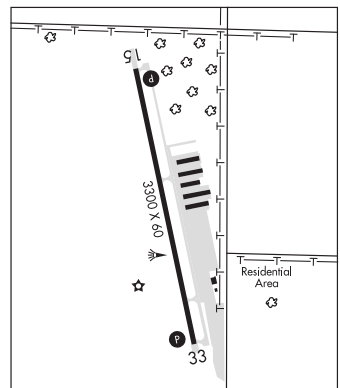
AIRPORT MANAGER: 559-637-4203

WEATHER DATA SOURCES: AWOS-3PT 120.175 (559) 637-9453.

COMMUNICATIONS: CTAF/UNICOM 122.7

RADIO AIDS TO NAVIGATION: NOTAM FILE RIU.

FRIANT (L) VORTAC 115.6 FRA Chan 103 N37°06.27'
 W119°35.73' 148° 26.9 NM to fld. 2380/17E. **HIWAS.**



REID-HILLVIEW OF SANTA CLARA CO (See SAN JOSE on page 212)

RIO LINDA (L36) 1 S UTC-8(-7DT) N38°40.50' W121°26.73'

SAN FRANCISCO

46 B TPA-846(800) NOTAM FILE RIU

RWY 17-35: H2625X42 (ASPH) S-12 LIRL**RWY 17:** Trees. Rgt tfc.**RWY 35:** Trees.**SERVICE:** S2 **FUEL** 100LL **LGT** Rotating beacon and VASI ops dusk-0800Z \ddagger . **ACTIVATE** LIRL Rwy 17-35 key 122.9 7 times.**AIRPORT REMARKS:** Attended 1600-0100Z \ddagger . Tree lines east, west and north of arpt-unlighted. Touch and go landings not authorized. Ultralights not authorized. For noise abatement Rwy 17 right turn to heading 215° after t \ddagger k to avoid overflight of school.**AIRPORT MANAGER:** 916-991-1725**COMMUNICATIONS:** CTAF/UNICOM 123.0**COMM/NAV/WEATHER REMARKS:** For Cinc Del ctc Norcal Apch at 916-361-6874.**RIO VISTA MUNI** (O88) 3 NW UTC-8(-7DT) N38°11.60' W121°42.22'

SAN FRANCISCO

23 B TPA-1023(1000) NOTAM FILE RIU

L-2F, 3A, A

RWY 07-25: H4199X75 (ASPH) S-30 MIRL

IAP

RWY 07: PAPI(P2L)—GA 4.0° TCH 40'.**RWY 25:** REIL. PAPI(P2L)—GA 4.0° TCH 40'. Rgt tfc.**RWY 15-33:** H2199X60 (ASPH) S-12.5 MIRL**RWY 15:** PAPI(P2L)—GA 4.0° TCH 38'. Pole.**RWY 33:** PAPI(P2L)—GA 4.0° TCH 40'. Rgt tfc.**SERVICE:** **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 07-25 and Rwy 15-33, PAPI Rwy 07 and Rwy 25 and Rwy 15 and Rwy 33, and REIL Rwy 25—CTAF.**AIRPORT REMARKS:** Unattended. Fast pay fuel system avbl 24 hours. Rwy 25 calm wind rwy. Noise sensitive area N of Rwy 33. Do not overfly ranch and corrals off Rwy 33. All rwys climb to 700' before turns.**AIRPORT MANAGER:** 707-374-6451**WEATHER DATA SOURCES:** AWOS-AV 127.075 (707) 374-5396.**COMMUNICATIONS:** CTAF/UNICOM 122.725

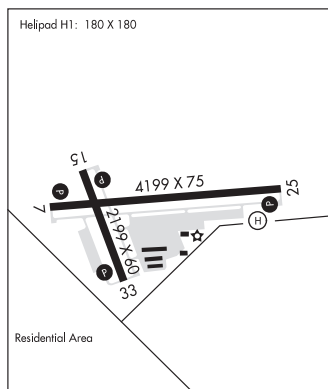
Ⓡ TRAVIS APP/DEP CON 119.9

RADIO AIDS TO NAVIGATION: NOTAM FILE SAC.**SACRAMENTO (H) VORTACW** 115.2 SAC Chan 99 N38°26.62'

W121°33.10' 189° 16.6 NM to fld. 3/17E.

COMM/NAV/WEATHER REMARKS: For cinc del ctc Norcal apch at 916-361-6874.

.

HELIPAD H1: H180X180 (CONC)**HELIPORT REMARKS:** No autorotations, hovering auto's or running landings to pavement. Helicopter t \ddagger c to helipad remain S of arpt 500'. When wind favors Rwy 15-33 helicopters may use apron area W of Rwy 15-33, remain W of arpt 500'.

RIVERSIDE MUNI (RAL)(KRAL) 4 SW UTC-8(-7DT) N33°57.11' W117°26.71'

**LOS ANGELES
COPTER
H-41, L-4H, A
IAP, AD**

819 TPA—See Remarks NOTAM FILE RAL
RWY 09-27: H5401X100 (ASPH) S-48, D-70, 2S-89, 2D-110
 MIRL 1.1% up E

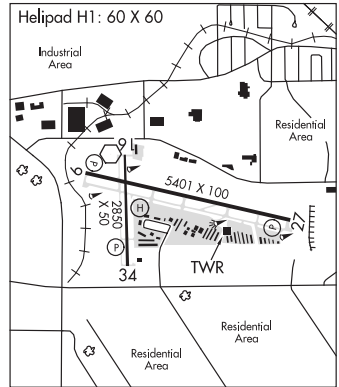
RWY 09: PAPI(P4L)—GA 3.0° TCH 41'.
RWY 27: PAPI(P4L)—GA 3.0° TCH 40'. Ground.

RWY 16-34: H2850X50 (ASPH) S-40, D-50, 2D-80 MIRL
 0.8% up N

RWY 16: Rgt tfc.
RWY 34: PAPI(P2L)—GA 3.0° TCH 36'.

SERVICE: S4 FUEL 100LL, JET A OX 1, 2, 3, 4 LGT ACTIVATE MIRL
 Rwy 09-27 and Rwy 16-34, twy lgts, helipad perimeter lgts—CTAF.
 PAPI Rwy 09, Rwy 27, and Rwy 34 opr continuously.

AIRPORT REMARKS: Attended Mon-Fri 1500-0100Z†, Sat-Sun
 1400-0000Z†. For fuel after hrs call 951-321-0091. Numerous
 power lines 1780'-2887' N of Rwy 16 thld at or blo 80' AGL. Rwy
 09 drain 8' deep at 100' from rwy end. Rwy 27 -20' ditch 50' from
 rwy end. Rwy 16 34 limited by arpt operator to 12,500 pounds single
 wheel gear. Power plant 3000' N of Rwy 16 thld producing thermal
 plume, avoidance advised. TPA—1819(1000) light acct, 2319(1500)
 jet and all other acct. Acft departing Rwy 09 and Rwy 27 not visible to
 acct at other end of rwy. S 1400' of Rwy 34 and Twy J and S 500' of
 Twy B not visible from the twr. Twy L not visible from twr. Twy E steep
 slope.



AIRPORT MANAGER: 951-351-6113

WEATHER DATA SOURCES: ASOS (951) 352-4392 LAWRS.

COMMUNICATIONS: CTAF 121.0 ATIS 128.8 951-688-7257 UNICOM 122.95

RCO 122.05 122.2 (RIVERSIDE RADIO)

Ⓡ SOCIAL APP/DEP CON 135.4

TOWER 121.0 (1500-0400Z)† GND CON 121.7 For clnc del when ATCT clsd call social apch (800) 448-3724.

AIRSPACE: CLASS D svc 1500-0400Z† other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE RAL.

PARADISE (H) VORTAC 112.2 PDZ Chan 59 N33°55.10' W117°31.80' 050° 4.7 NM to fld. 1432/15E.

TACAN AZIMUTH unusable:
 130°-145° byd 25 NM blo 5,000'
 145°-190° blo 8,000'
 190°-230° blo 10,000'
 310°-325° byd 35 NM blo 10,900'
 325°-345° byd 25 NM blo 11,500'
 345°-360° byd 35 NM blo 10,500'

VOR unusable:
 010°-015° byd 20 NM blo 10,000'
 130°-145° byd 25 NM blo 5,000'
 145°-190° blo 8,000'
 145°-190° byd 25 NM blo 10,000'
 145°-190° byd 39 NM blo 13,500'
 190°-230° blo 10,000'
 310°-325° byd 35 NM blo 10,900'
 325°-345° byd 25 NM blo 11,500'
 345°-360° byd 35 NM blo 10,500'

DME unusable:
 130°-145° byd 25 NM blo 5,000'
 145°-190° blo 8,000'
 190°-230° blo 10,000'
 310°-325° byd 35 NM blo 10,900'
 325°-345° byd 25 NM blo 11,500'
 345°-360° byd 35 NM blo 10,500'

(T) VORW 112.4 RAL N33°57.31' W117°26.99' at fld. 778/14E.

ILS 110.9 I-RAL Rwy 09. Class IB. Unmonitored when ATCT closed. LOC unusable beyond 10° left of course.
 Autopilot coupled approaches not applicable blo 1,192' MSL (1.2 NM fm thld).

HELIPAD H1: H60X60 (ASPH) PERIMETER LGTS

HELIPORT REMARKS: ACTIVATE perimeter lgts Helipad H1—121.0.

RIVERSIDE(RUBIDOUX)**FLABOB** (RIR)(KRIR) 3 NW UTC-8(-7DT) N33°59.33' W117°24.59'

767 TPA—See Remarks NOTAM FILE RAL

RWY 06-24: H3190X50 (ASPH) MIRL(NSTD) 0.5% up NE**RWY 06:** Trees.**SERVICE:** S4 **FUEL** 100LL **LGT** Rwy 06-24 NSTD MIRL, one red/green lgt each side of thld. ACTIVATE MIRL Rwy 06-24—CTAF.**AIRPORT REMARKS:** Attended Mon-Fri 1630-0030Z†. Mountain 1340' MSL

3/4 mile SE of arpt, +20' cross on top. TPA—1467(700). Night TPA—1767(1000) around the mountain. Dep to the S ctc Riverside Twr. Rwy 24 after txf turn 10°; stay N of riverbed. Rwy 24 calm wind rwy.

AIRPORT MANAGER: 951-683-2309**COMMUNICATIONS:** CTAF/UNICOM 122.8Ⓡ **SOCAL APP/DEP CON** 135.4**CLNC DEL** For clnc del call SOCAL APP 800-448-3724.**RADIO AIDS TO NAVIGATION:** NOTAM FILE RAL.**PARADISE (H) VORTAC** 112.2 PDZ Chan 59 N33°55.10'

W117°31.80' 040° 7.3 NM to fld. 1432/15E.

TACAN AZIMUTH unusable:

130°-145° byd 25 NM blo 5,000'

145°-190° blo 8,000'

190°-230° blo 10,000'

310°-325° byd 35 NM blo 10,900'

325°-345° byd 25 NM blo 11,500'

345°-360° byd 35 NM blo 10,500'

VOR unusable:

010°-015° byd 20 NM blo 10,000'

130°-145° byd 25 NM blo 5,000'

145°-190° blo 8,000'

145°-190° byd 25 NM blo 10,000'

145°-190° byd 39 NM blo 13,500'

190°-230° blo 10,000'

310°-325° byd 35 NM blo 10,900'

325°-345° byd 25 NM blo 11,500'

345°-360° byd 35 NM blo 10,500'

DME unusable:

130°-145° byd 25 NM blo 5,000'

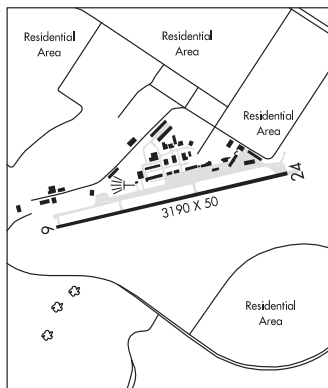
145°-190° blo 8,000'

190°-230° blo 10,000'

310°-325° byd 35 NM blo 10,900'

325°-345° byd 25 NM blo 11,500'

345°-360° byd 35 NM blo 10,500'

LOS ANGELES**COPTER****L-4H, A****IAP****ROGERS FLD** (See CHESTER on page 104)**ROHNERVILLE** (See FORTUNA on page 126)

ROSAMOND SKYPARK (L00) 3 W UTC-8(-7DT) N34°52.23' W118°12.33'

LOS ANGELES

2415 B TPA—See Remarks NOTAM FILE RAL

L-3D, 7B

RWY 08-26: H3600X50 (ASPH) LIRL(NSTD)

RWY 08: Thld dsplcd 300'. Rgt tfc.

RWY 26: Thld dsplcd 200'. Trees.

SERVICE: FUEL 100LL LGT Rotating bcn OTS indef. Rwy 08-26 NSTD LIRL 25' from edge of rwy. ACTIVATE LIRL Rwy 08-26 and bcn—CTAF.

AIRPORT REMARKS: Unattended. Hill NE of arpt. Terrain approximately 3200' MSL 2 miles northeast and 3 miles northwest of arpt. Arpt use rstd by arpt manager to acft having a maximum certificated gross tkf weight of 12,500 lbs or less. Ctc arpt manager for additional information (888) 397-6290. Gliders, ultralights and helicopters tfc pat N of rwy. Powered acft only may use S tfc pat. No touch and go ldgs between 0600-1500Z. Avoid over flight of schools 1 mile E and 2 miles W. Calm wind use Rwy 26. TPA—3215(800); gliders 2915(500). Maintain rwy heading until reaching arpt boundary.

AIRPORT MANAGER: (661) 609-3668

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE PMD.

PALMDALE (H) VORTAC 114.5 PMD Chan 92 N34°37.88' W118°03.83' 319° 15.9 NM to fld. 2498/15E.

VOR unusable:

010°-020°

110°-160° byd 35 NM blo 11,600'

160°-235° byd 30 NM blo 8,100'

TACAN AZIMUTH unusable:

110°-145° byd 20 NM blo 15,500'

145°-235° byd 20 NM blo 14,500'

345°-355° byd 35 NM

DME unusable:

120°-145° byd 20 NM blo 15,500'

145°-150° byd 20 NM blo 14,500'

ROUND VALLEY (See COVELO on page 112)

ROY WILLIAMS (See JOSHUA TREE on page 144)

RUTH (T42) 7 S UTC-8(-7DT) N40°12.69' W123°17.86'

KLAMATH FALLS

2781 TPA—3781(1000) NOTAM FILE RIU

L-2H

RWY 13-31: H3500X50 (ASPH) S-12

RWY 13: Berm.

RWY 31: Hill.

AIRPORT REMARKS: Unattended. Arpt CLOSED ngt. Intermittently closed winters due to snow, ctc county transportation office for information 530-623-1365. High terrain all quadrants.

AIRPORT MANAGER: 530-623-1365

COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE RBL.

RED BLUFF (H) VORTACW 115.7 RBL Chan 104 N40°05.93' W122°14.18' 260° 49.3 NM to fld. 321/18E.

HIWAS.

VOR portion unusable:

280°-300° blo 3,500'

SACRAMENTO

MC CLELLAN AIRFIELD (MCC)(KMCC) P (CG) 6 NE UTC-8(-7DT) N38°40.06' W121°24.04' **SAN FRANCISCO**
 77 B TPA—1153(1076) NOTAM FILE MCC **H-3B, L-2G, 3A**

RWY 16-34: H10599X150 (CONC-GRVD) S-155, D-300, 2S-175, 2D-500 HIRL(NSTD) **IAP, AD**

RWY 16: SSALR. PAPI(P4L)—GA 3.0° TCH 52'. Rgt tfc.

RWY 34: PAPI(P4L)—GA 3.0° TCH 53'. Tower.

SERVICE: S4 **FUEL** 100LL, JET A, A+ **OX** 1, 2 **LGT** Rwy 16-34 NSTD HIRL located 25' from rwy edge markings. Twy E, Twy F, Twy G NSTD twy edge lgts. **ACTIVATE** HIRL Rwy 16-34, SSALR Rwy 16 and twy lgts—CTAF. PAPI Rwy 16 and Rwy 34 opr continuously. **MILITARY— FUEL** A+ (C916-641-8970.) (NC 100LL, A - Self svc 100LL W side Twy K.)

AIRPORT REMARKS: Attended continuously. Self-svc 100LL fuel west side Twy K. Rwy 16 calm wind rwy. All acct exit rwy to the east. fld conditions, rwy, twy and apron good. Strict adherence to published tfc patterns recommended for noise abatement purposes. 900' asph overrun SE end Rwy 16 and 1000' asph overrun NW end Rwy 34. Ldg fee charged for all commercial ops.

MILITARY REMARKS: RSTD C5 touch and go prohibited. Tran acct PPR for USCG ramp C916-643-7659, with crew list for arr/dep passengers.

AIRPORT MANAGER: (916) 570-5349

WEATHER DATA SOURCES: AWOS-3 125.975 (916) 641-1272.

COMMUNICATIONS: CTAF/UNICOM 122.975

® **NORCAL APP/DEP CON** 127.4 317.5

NORCAL CLNC DEL 119.825

PMSV METRO 344.6 (Part time.) **USCG COMSTA SAN FRAN** 3123 5696 8984 11201 (0500-1100Z‡)

USCG SACRAMENTO 167.9 345.0

AIRSPACE: CLASS E

RADIO AIDS TO NAVIGATION: NOTAM FILE MCC.

(T) **VORW/DME** 109.2 MCC Chan 29 N38°40.04' W121°24.25' at fld. 65/17E. unmonitored 0030-1600Z‡.

DME unusable:
 210°-300° blo 5,000'

VOR unusable:
 280°-340° byd 15 NM blo 7,000'
 280°-340° byd 5 NM blo 5,000'

ILS 109.7 I-MCC Rwy 16. Class IA. Unmonitored.

ILS 109.7 I-FKZ Rwy 34.

.

HELIPAD H1: H57X57 (CONC)
HELIPAD H2: H57X57 (CONC)
HELIPAD H3: H57X57 (ASPH)
HELIPAD H4: H57X57 (CONC)

HELIPORT REMARKS: Military markings on afld.

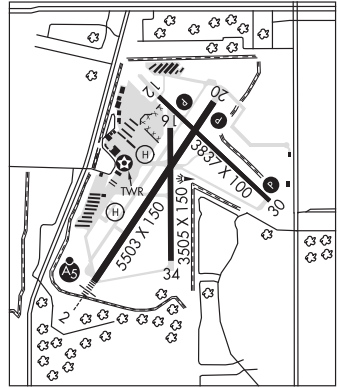
SACRAMENTO EXECUTIVE (SAC)(KSAC) 3 S UTC-8(-7DT) N38°30.75' W121°29.61'
 24 B TPA—See Remarks NOTAM FILE SAC
RWY 02-20: H5503X150 (ASPH) S-60, D-130, 2S-165, 2D-210

SAN FRANCISCO
 H-3B, L-2G, 3A
 IAP, AD

MIRL
RWY 02: MALSR. Tree.
RWY 20: REIL. PAPI(P4L)—GA 3.0° TCH 36'. Tree.
RWY 12-30: H3837X100 (ASPH) S-30, D-43, 2D-67 MIRL
RWY 12: REIL. PAPI(P4L)—GA 3.0° TCH 50'. Tree.
RWY 30: REIL. PAPI(P4R)—GA 3.5° TCH 50'. Tree.
RWY 16-34: H3505X150 (ASPH) S-60, D-85, 2S-108, 2D-90
RWY 16: Tree.
RWY 34: Tree.

SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 2, 3, 4 **LGT** Dusk-dawn. When twr clsd **ACTIVATE** arpt bcn—CTAF. Dusk-dawn. When twr clsd **ACTIVATE** all afid lgts—CTAF.

AIRPORT REMARKS: Attended 1600-0000Z†. Birds invof arpt. Prior permission from arpt opr rqr for acft over 50,000 lbs maximum tkf weight. Rwy 16 **CLOSED** to takeoffs of turbo-jet acft. No touch and go llds, low apchs or practice instrument apchs between hrs 0500-1400Z†. For more information call 916-874-0359. Rwy 12 and Rwy 16 blast pad markings not **STD**. No mid-field, intersection or formation tkfs. Rwy 16 blast pad from Rwy 12-30 intersection to north hangars clsd permanently to acft taxi. Rwy 20 calm wind rwy. Ditch and concrete bridge in Rwy 02-20 safety area located 500' prior to Rwy 02 thld on centerline. Golf course lgts shine across Rwy 02 final apch 800' rwy centerline dusk to 0600Z†. TPA—1024(1000), turbine and large acft 1524(1500). Arpt noise abatement procedures in effect 0500-1400Z† for more information call 916-875-9037 or 916-875-9035. Arpt 24 hr emerg 916-929-5000. Distance between Twy A and Twy B centerline is 75'.



AIRPORT MANAGER: 916-875-9035

WEATHER DATA SOURCES: ASOS (916) 421-0923

COMMUNICATIONS: CTAF 119.5 ATIS 125.5 916-428-7066 **UNICOM** 122.95

RCO 122.05 (RANCHO MURIETA RADIO)

® **NORCAL APP/DEP CON** 127.4 (NORTH-EAST)

EXEC TOWER 119.5 (1400-0500Z†) **GND CON** 125.0

AIRSPACE: **CLASS D** svc 1400-0500Z† other times **CLASS E**.

VOR TEST FACILITY (VOT) 111.4

RADIO AIDS TO NAVIGATION: NOTAM FILE SAC.

(H) **VORTACW** 115.2 SAC Chan 99 N38°26.62' W121°33.10' 017° 5.0 NM to fld. 3/17E.

ILS 110.3 I-SAC Rwy 02. Class IA. Unmonitored when ATCT closed.

COMM/NAV/WEATHER REMARKS: For Clnc Del when ATCT is clsd ctc Norcal Apch at 916-361-6874.

• • • • •
HELIPAD H1: H60X60 (ASPH) PERIMETER LGTS

HELIPORT REMARKS: Helipad H1 perimeter lgts.

SACRAMENTO INTL (SMF)(KSMF) 10 NW UTC-8(-7DT) N38°41.73' W121°35.45'

SAN FRANCISCO

27 B LRA Class I, ARFF Index C NOTAM FILE SMF

H-3B, L-2G, 3A

RWY 16L-34R: H8605X150 (CONC-GRVD) S-100, D-209, 2S-175, 2D-407, 2D/2D2-850 PCN 48 R/B/X/T HIRL CL

RWY 16L: MALS.R. TDZL. PAPI(P4L)—GA 3.0° TCH 64'. RVR-TR

RWY 34R: PAPI(P4L)—GA 3.0° TCH 64'. RVR-TR Rgt t/c.

RWY 16R-34L: H8598X150 (ASPH-GRVD) S-100, D-209, 2S-175, 2D-407, 2D/2D2-850 PCN 57 F/C/X/T HIRL CL

RWY 16R: ALSF2. TDZL. PAPI(P4R)—GA 3.0° TCH 72'. RVR-TMR Rgt t/c.

RWY 34L: MALS.R. PAPI(P4R)—GA 3.0° TCH 76'. RVR-TMR

RUNWAY DECLARED DISTANCE INFORMATION

RWY 16L:TORA-8605 TODA-8605 ASDA-8605 LDA-8605

RWY 16R:TORA-8598 TODA-8598 ASDA-8598 LDA-8598

RWY 34L:TORA-8598 TODA-8598 ASDA-8598 LDA-8598

RWY 34R:TORA-8605 TODA-8605 ASDA-8605 LDA-8605

SERVICE: S6 FUEL 100LL, JET A LGT Rwy 16R ALSF2 operates as SSALR till weather goes blo VFR.

AIRPORT REMARKS: Attended continuously. Birds on and invof arpt. Crop duster opr invof arpt at or blo 200' AGL. FAA GWT strength evaluation MD-11=590000 lbs. All acft ctc ground control prior to movement on ramp. The maximum allowable gross acft load for Twys G1, G2,

and the general aviation parking apron is 70,000 lbs for single gear acft, 170,000 lbs for dual gear acft, and 250,000 lbs for dual tandem gear acft. An acft cannot exceed the airplane design group III criteria and must have a wheel base of less than 60 ft. Noise sensitive areas west of arpt on SAC River. Military acft parking limited. Ctc arpt ops if parking is rqrd 916-806-5309. Portion Twy W 500' east of Twy A to 2100' east of Twy A is not visible from twr. Twy Y4 restricted to acft with a wingspan of less than 118' (group III). Local turn discouraged for jet acft. When conducting IFR apch in VFR conditions execute missed apch at dep end of rwys. Plan VFR patterns to east. Use minimum power settings.

AIRPORT MANAGER: (916) 874-0560

WEATHER DATA SOURCES: ASOS (916) 649-3996 ASOS bcst over ATIS 126.75 mhz

COMMUNICATIONS: D-ATIS 126.75 916-874-0679 UNICOM 122.95

® **NORCAL APP/DEP CON** 120.45 125.4 (West-Northeast) 125.25 (Southwest) 127.4 (East-Southeast)

CAPITOL TOWER 125.7 **GND CON** 121.7 **CLNC DEL** 121.1

CPDCL (LOGON KUSA)

AIRSPACE: CLASS C svc ctc APP CON

VOR TEST FACILITY (VOT) 111.4

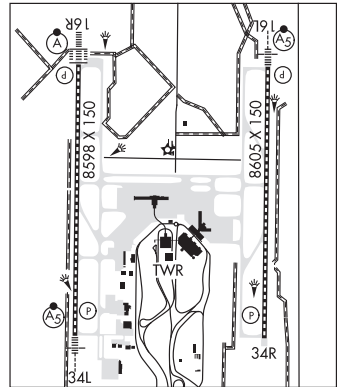
RADIO AIDS TO NAVIGATION: NOTAM FILE SAC.

(H) **VORTACW** 115.2 SAC Chan 99 N38°26.62' W121°33.10' 336° 15.2 NM to fld. 3/17E.

ILS/DME 111.75 I-MDK Chan 54(Y) Rwy 16L. Class IIE.

ILS/DME 111.1 I-SMF Chan 48 Rwy 16R. Class IIIE.

ILS/DME 111.1 I-HUX Chan 48 Rwy 34L. Class IE. Rwy 16R smf DME used. Autopilot cpd apch na blw 312' MSL.



SACRAMENTO MATHER (MHR)(KMHR) P (ARNG) 10 E UTC-8(-7DT) N38°33.32' W121°17.83' **SAN FRANCISCO**
 98 B TPA—See Remarks NOTAM FILE MHR **H-3B, L-2G, 3A**
RWY 04R-22L: H11301X150 (ASPH-CONC) S-160, D-280, 2S-175, **IAP, AD**
 2D-500 HIRL

RWY 04R: VASI(V4L)—GA 3.0° TCH 50'. Rgt tfc.
RWY 22L: MALSR. VASI(V4L)—GA 3.0° TCH 50'.

RWY 04L-22R: H6038X150 (ASPH) S-90, D-105, 2S-133, 2D-190
 MIRL
RWY 22R: Rgt tfc.

SERVICE: S4 **FUEL** 100LL, JET A **OX2 LGT** Be advised, Rwy 04L thld lghts are NSTD. When twr closed ACTIVATE MIRL Rwy 04L-22R, HIRL Rwy 04R-22L, VASI Rwy 04R, 22L and MALSR Rwy 22L—CTAF.

MILITARY— FUEL A, A+ (avbl 1400-0700Z†, C916-870-4704, after hr call out fee \$100, 20 min PN rqr.) (NC-100LL)

AIRPORT REMARKS: Attended Mon 1300-0730Z†, Tue-Fri 1100-0730Z†, Sat 1100-0500Z†, Sun 1300-0500Z†. Birds invof arpt. Be alert for large transport acft tkfs and ldgs and high performance military T-38 jets. Avoid noise sensitive residential areas North/East of Rwy 22L ILS final apch course. Turbojet nighttime noise abatement arrival and departure procedures in effect 0600-1500Z†. Pilot information on noise abatement 916-874-0359. Rwy 22L calm wind rwy. TPA for piston acft 1098 (1000); Turbine 1898 (1800). Acft entering Rwy 22R tfc pattern from the north should expect to fly base leg extended 2 miles from rwy thld. Twy D limited to acft with maximum gross weight 50,000 lbs or less. Twy D1 limited to acft with maximum gross weight 50,000 lbs or less.

AIRPORT MANAGER: 916-875-6760

WEATHER DATA SOURCES: AWOS-3 (916) 366-3371 SAWRS.

COMMUNICATIONS: CTAF 120.65 ATIS 118.325 UNICOM 122.95

SACRAMENTO RCO 122.05 (RANCHO MURIETA RADIO)

® **NORCAL APP/DEP CON 127.4**

TOWER 120.65 (Mon 1300-0730Z†, Tue-Fri 1100-0730Z†, Sat 1100-0500Z†, Sun 1300-0500Z†) **GND CON 121.85**
CLNC DEL 121.85

AIRSPACE: CLASS D svc m 1300-0730Z†, Tue-Fri 1100-0730Z†, Sat 1100-0500Z†, Sun 1300-0500Z† other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE SAC.

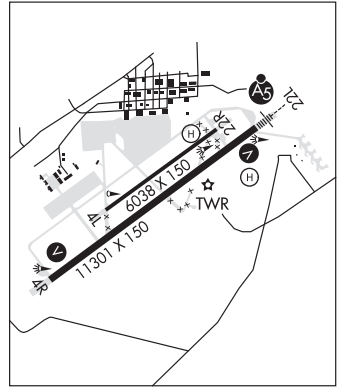
(H) **VORTACW 115.2** SAC Chan 99 N38°26.62' W121°33.10' 044° 13.7 NM to fld. 3/17E.

ILS/DME 111.35 I-MHR Chan 50(Y) Rwy 22L. Unmonitored when ATCT closed.

COMM/NAV/WEATHER REMARKS: For Clnc Del when ATCT is clsd ctc Norcal Apch at 916-361-6874.

HELIPAD H1: H30X30 (ASPH)

HELIPAD H2: H100X100 (ASPH)



SALINAS MUNI (SNS)(KSNS) 3 SE UTC-8(-7DT) N36°39.77' W121°36.38'

SAN FRANCISCO

84 B TPA—884(800) NOTAM FILE SNS

H-3B, L-3B

RWY 08-26: H6004X150 (ASPH) S-25, D-32, 2D-62 MIRL**RWY 08:** VASI(V2L)—GA 3.0° TCH 53'. Thld dspldcd 396'. Rgt tfc.**RWY 26:** REIL. VASI(V2L)—GA 3.0° TCH 43'.

IAP, AD

RWY 13-31: H4825X150 (ASPH) S-65, D-100, 2S-127, 2D-170

HIRL

RWY 13: REIL. VASI(V4L)—GA 3.0° TCH 50'. RVR-R Trees.**RWY 31:** MALSR. PAPI(P2L)—GA 3.0° TCH 59'. RVR-T Rgt tfc.**SERVICE:** S4 **FUEL** 100LL, **JET A** **OX 3** **LGT** When twr clsd **ACTIVATE** MALSR Rwy 31; REIL Rwy 13 and Rwy 26; PAPI Rwy 31; HIRL Rwy 13-31; MIRL Rwy 08-26—CTAF. VASI Rwy 08, Rwy 13 and Rwy 26 operate continuously.**AIRPORT REMARKS:** Attended continuously. Portions of Twy B between D and N limited twr svc provided. 6' tall security fence 400' prior to Rwy 13 thld on centerline and steeply descending terrain 350' prior to Rwy 31 thld on centerline both in Rwy 13-31 safety area. NOTE: See Special Notices—California Condors.**AIRPORT MANAGER:** 831-758-7214**WEATHER DATA SOURCES:** ASOS (831) 422-2830 HIWAS 117.3 SNS. LAWRS.**COMMUNICATIONS:** CTAF 119.525 ATIS 124.85 UNICOM 122.95**RCO** 122.6 (OAKLAND RADIO)® **NORCAL APP/DEP CON** 133.0 (360°-150°)**TOWER** 119.525 (1400-0300Z‡ Oct-Mar; 1300-0300Z‡ Apr-Sep) **GND CON** 121.7**AIRSPACE:** **CLASS D** svc 1400-0300Z‡ Oct-Mar; 1300-0300Z‡ Apr-Sep other times **CLASS G**.**RADIO AIDS TO NAVIGATION:** NOTAM FILE SNS.(H) **VORTACW** 117.3 SNS Chan 120 N36°39.83' W121°36.19' at fld. 80/17E. **HIWAS**.

VOR portion unusable:

010°-016° byd 22 NM blo 7,000'

010°-016° byd 26 NM blo 8,000'

016°-080° byd 22 NM blo 8,000'

150°-170° byd 8 NM blo 10,000'

TACAN AZIMUTH & DME unusable:

010°-080° byd 22 NM blo 8,000'

150°-200° blo 11,000'

aerobatic acft wi an area defined as .5 NM rds of SNS 357016.4 (5.3 NM W CVH), blo 3000', avoidance advised

SR-SS

TACAN AZIMUTH unusable:

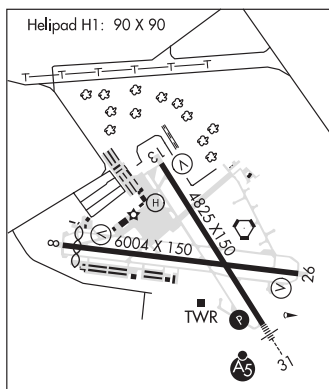
245°-255° byd 20 NM

CHUALAR NDB (MHW) 263 UAD N36°29.45' W121°28.49' 312° 12.1 NM to fld. 105/16E. SHUTDOWN.

Unusable:

135°-245° byd 10 NM

360°-080° byd 10 NM

ILS 108.5 I-SNS Rwy 31. **MACAM** OM OTS indef**COMM/NAV/WEATHER REMARKS:** For Clnc Del when ATCT is clsd ctc Norcal Apch at 916-361-3748.**HELIPAD H1:** H90X90 (ASPH-CONC-AFSC)**SALTON CITY****SALTON SEA** (SAS)(KSAS) 1 SW UTC-8(-7DT) N33°14.47' W115°57.16'

LOS ANGELES

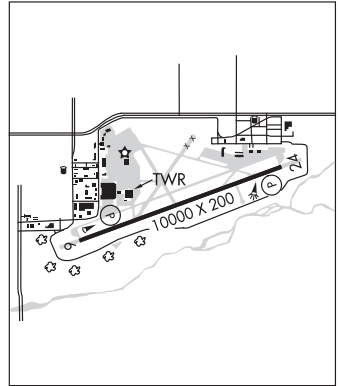
-84 TPA—716(800) NOTAM FILE SAN

RWY 07-25: 5000X75 (GRVL) S-28**RWY 07:** Rgt tfc.**AIRPORT REMARKS:** Unattended. Loose gravel in vicinity of parking area. Occasional ultralight activity on weekends.**AIRPORT MANAGER:** (909) 429-4200**COMMUNICATIONS:** CTAF 122.9**SALTON SEA** (See SALTON CITY on page 202)**SAMOA FLD** (See EUREKA on page 122)

SAN ANDREAS

CALAVERAS CO—MAURY RASMUSSEN FLD (CPU)(KCPU) 4 SE UTC-8(-7DT) N38°08.77' **SAN FRANCISCO**
 W120°38.89'
 1328 B NOTAM FILE RIU **L-3B**
RWY 13-31: H3603X60 (ASPH) S-12.5 MIRL 0.6% up SE **IAP**
RWY 13: Tree.
RWY 31: VASI(V4R)—GA 3.0° TCH 31'. Rgt tfc.
SERVICE: S4 **FUEL** 100LL **LGT** MIRL Rwy 13-31 ops dusk-0800Z‡, after 0800Z‡ **ACTIVATE** MIRL—CTAF. **ACTIVATE** VASI Rwy 31—CTAF.
AIRPORT REMARKS: Attended Nov-Apr 1600-0100Z‡, May-Oct 1500-0200Z‡. For attendant after hrs call 209-736-2501 or 209-754-1908.
AIRPORT MANAGER: 209-736-2501
WEATHER DATA SOURCES: AWOS-3P 118.525 (209) 736-2523.
COMMUNICATIONS: CTAF/UNICOM 123.0
ANGELS CAMP RCO 122.3 (RANCHO MURIETA RADIO)
NORCAL APP/DEP CON 125.1
RADIO AIDS TO NAVIGATION: NOTAM FILE RIU.
LINDEN (H) VOR/DME 114.8 LIN Chan 95 N38°04.47' W121°00.23' 059° 17.4 NM to fld. 266/17E.
 DME unusable:
 191°-235°
COMM/NAV/WEATHER REMARKS: For clnc del ctc Norcal apch at 916-361-0516.

SAN BERNARDINO INTL (SBD)(KSBD) 2 SE UTC-8(-7DT) N34°05.72' W117°14.09' **LOS ANGELES**
 1159 B TPA-1959(800) LRA ARFF Index—See Remarks **NOTAM FILE RAL** **COPTER**
RWY 06-24: H10000X200 (CONC-GRVD) S-97, D-265, 2D-890, **H-4I, L-4H, 7C, A**
 2D/2D2-960 PCN 86 R/B/W/T **HIRL** **IAP, AD**
RWY 06: REIL. PAPI(P4L)—GA 3.0° TCH 52'. Rgt tfc. 0.7% up.
RWY 24: REIL. PAPI(P4L)—GA 3.0° TCH 50'. 0.8% down.
SERVICE: S4 **FUEL** 100LL, JET A **OX 1** **LGT** Rwy 24 PAPI unusable byd 4 NM due to high terrain. When twr closed HIRL preset low ints, to increase ints and **ACTIVATE** REIL Rwy 06 and Rwy 24
ACTIVATE—CTAF. PAPI Rwy 06 and Rwy 24 operate continuously.
AIRPORT REMARKS: Attended Mon-Sun 1500-0500Z‡. After hrs general aviation access and fuel avbl with PPR call fixed base operators at 909-382-6068. Aflid sfc cond not monitored btn the hrs 0400-1300Z‡. Periodic live firefighting training producing smoke and light emissions approximately 6000' northeast of Rwy 06 thld. Rwy 06 designated calm wind rwy. High terrain north and east of arpt. Rwy 06-24 strength rated for the A380 at 1,300,000 lbs. Fire fighting acft ctc US Forest Svc tanker base on ground frequency 123.975. Class I, ARFF Index B. ARFF Index C avbl with one hr PPR for air carrier acft operating under FAR Part 121 or Part 380; ctc arpt manager at (909) 556-1383. Twr non-visible area on Twy A 425' west of Twy A1.
AIRPORT MANAGER: 909-382-2382
WEATHER DATA SOURCES: AWOS-3 124.175 (909) 382-0067.
COMMUNICATIONS: CTAF 119.45 **ATIS** 124.175 **UNICOM** 122.975
SOCL APP/DEP CON 125.5 (SW-N) 127.0 (N-NE) 134.0 (NE-S) 135.4 (S-SW)
TOWER 119.45 (1500-0500Z‡) **GND CON** 121.8
CLNC DEL For clnc del when twr clsd call Socal App 800-448-3724



CONTINUED ON NEXT PAGE

CONTINUED FROM PRECEDING PAGE

AIRSPACE: CLASS D svc 1500–0500Z‡ other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE RAL.

PARADISE (H) VORTAC 112.2 PDZ Chan 59 N33°55.10' W117°31.80' 039° 18.1 NM to fld. 1432/15E.

TACAN AZIMUTH unusable:

130°–145° byd 25 NM blo 5,000'
145°–190° blo 8,000'
190°–230° blo 10,000'
310°–325° byd 35 NM blo 10,900'
325°–345° byd 25 NM blo 11,500'
345°–360° byd 35 NM blo 10,500'

VOR unusable:

010°–015° byd 20 NM blo 10,000'
130°–145° byd 25 NM blo 5,000'
145°–190° blo 8,000'
145°–190° byd 25 NM blo 10,000'
145°–190° byd 39 NM blo 13,500'
190°–230° blo 10,000'
310°–325° byd 35 NM blo 10,900'
325°–345° byd 25 NM blo 11,500'
345°–360° byd 35 NM blo 10,500'

DME unusable:

130°–145° byd 25 NM blo 5,000'
145°–190° blo 8,000'
190°–230° blo 10,000'
310°–325° byd 35 NM blo 10,900'
325°–345° byd 25 NM blo 11,500'
345°–360° byd 35 NM blo 10,500'

PETIS NDB (HW) 397 SB N34°03.39' W117°21.97' 056° 6.9 NM to fld. 972/14E. NOTAM FILE ONT.

ILS 109.3 I-SBD Rwy 06. Class IE. LOM PETIS NDB. Unmonitored 0500–1500Z‡.

SAN CARLOS (SQL)(KSQL) 2 NE UTC–8(–7DT) N37°30.71' W122°14.97'

SAN FRANCISCO

5 B TPA—See Remarks NOTAM FILE SQL

L-2F, 3B, A

RWY 12–30: H2600X75 (ASPH) S–12.5 MIRL

IAP, AD

RWY 12: REIL. VASI(V2L)—GA 3.0° TCH 25'. Pole.

RWY 30: REIL. VASI(V2L)—GA 3.0° TCH 25'. Rgt tfc.

SERVICE: S4 FUEL 100LL, JET A, A+, MOGAS, UL94 LGT When twr clsd, ACTIVATE MIRL Rwy 12–30 and REIL Rwy 12 and Rwy 30—119.0.

AIRPORT REMARKS: Attended 1400–0400Z‡. Migratory bird activity on and invof arpt. 100' steel transmission twrs and powerlines located 750' west and parallel to Rwy 12–30. 7' lighted dike located in rwy safety area on AER 30. Calm wind Rwy 12. No touch and go ldgs, or stop and go ldgs, when twr clsd. Helicopter training flts use left tfc for Rwy 30 and rgt tfc for Rwy 12. Helicopter TPA—805(800). Large helicopter should avoid overflight of dirt infield areas. Noise sensitive areas south through northeast of arpt. For noise abatement procedures ctc arpt manager 650–573–3700.

AIRPORT MANAGER: 650-573-3700

WEATHER DATA SOURCES: AWOS–3P 125.9 (650) 593–0613. LAWRS.

COMMUNICATIONS: CTAF 119.0 ATIS 125.9 650–593–0613 UNICOM 122.95

® NORCAL APP CON 133.95 135.65

TOWER 119.0 (1500–0500Z‡) GND CON 121.6

® NORCAL DEP CON 135.65

AIRSPACE: CLASS D svc 1500–0500Z‡ other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE OAK.

WOODSIDE (L) VOR/DME 113.9 OSI Chan 86 N37°23.55' W122°16.88' 355° 7.3 NM to fld. 2270/17E.

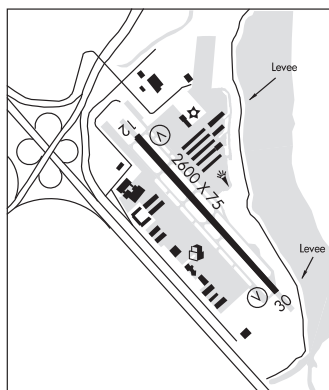
VOR unusable:

030°–050° byd 15 NM
225°–305° byd 20 NM blo 9,000'
330°–350° blo 11,000'

DME unusable:

160°–350° blo 11,000'
190°–230° byd 20 NM blo 13,000'
230°–350° byd 20 NM

COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not avbl at tower. For Clnc Del when ATCT is clsd ctc Norcal Apch at 916–361–3829.



SAN DIEGO

BROWN FLD MUNI (SDM)(KSDM) 13 SE UTC-8(-7DT) N32°34.34' W116°58.81'

LOS ANGELES

526 B TPA—See Remarks LRA NOTAM FILE SDM

H-4I, L-4H

RWY 08L-26R: H7972X150 (ASPH-CONC) S-80, D-110, 2S-140,

IAP, AD

2D-175 HIRL

RWY 08L: REIL. PAPI(P4L)—GA 3.0° TCH 52'.

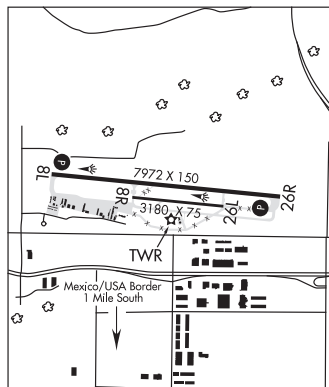
RWY 26R: REIL. PAPI(P4L)—GA 4.0° TCH 73'. Rgt tfc.

RWY 08R-26L: H3180X75 (ASPH) S-14 MIRL 0.5% up W

RWY 08R: Rgt tfc.

SERVICE: S4 FUEL 100LL, JET A, A+ OX 1, 2, 3, 4 LGT Rwy 26R
PAPI unusable byd 3 NM. ACTIVATE REIL Rwy 08L, PAPI Rwy 08L and
Rwy 26R, HIRL Rwy 08L-26R and MIRL Rwy 08R-26L—CTAF.

AIRPORT REMARKS: Attended 1700-0100Z†. For fuel after hrs call FBO's at
619-671-9222, fee for callout. Military fuel avbl by calling
619-671-9222. Parachute Jumping on arpt and 3 miles east. Be alert
to arpt boundary one mile north from Mexican/USA international border.
Be alert when departing on Rwy 08L at night due to rising terrain to the
east. Be alert to high terrain 3,566' MSL 6 miles east of arpt. Rwy
08R-26L opr permits only 12000 lbs. Noise sensitive areas
approximately 1 mile west of arpt, 1/2 mile NW, and 2 miles north of
arpt. No engine ops on ramps except as necessary for arrivals and
departures. Twy A west of Twy B rstd to acct with wingspans of 133' or
less. Avoid direct overflight of PIO PICO energy center blo 2000' AGL,
3NM east of arpt. TPA—1526(1000) Rwy 08L-26R, 1126(600) Rwy 08R-26L. Flight Notification Service (ADCUS)
available. NOTE: See Special Notices—Extensive Parachute Drop Activities San Diego, California, U.S. Special Customs
Requirement.



AIRPORT MANAGER: 619-424-0456

WEATHER DATA SOURCES: ASOS (619) 661-8297

COMMUNICATIONS: CTAF 128.25 ATIS 132.35 619-661-0152 UNICOM 122.95

Ⓡ **SOCAL APP CON** 124.35

TOWER 128.25 (1600-0400Z†) GND CON 124.4

CLNC DEL 124.4 For clnc del when twr clsd call SOCAL Apch 800-448-3724

Ⓡ **SOCAL DEP CON** 125.15

AIRSPACE: CLASS D svc 1600-0400Z† other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE SDM.

POGGI (L) VORTACW 109.8 PGY Chan 35 N32°36.62' W116°58.74' 167° 2.3 NM to fld. 580/14E.

DME unusable:

005°-015° byd 30 NM

060°-080° byd 25 NM

080°-100°

VOR unusable:

005°-015° byd 30 NM

060°-080° byd 25 NM

080°-100°

TACAN AZIMUTH unusable:

060°-080° byd 25 NM

080°-100°

MONTGOMERY—GIBBS EXECUTIVE (MYF)(KMYF) 6 N UTC-8(-7DT) N32°48.94' W117°08.38' LOS ANGELES
 427 B TPA—See Remarks NOTAM FILE MYF L-4H
 RWY 10L-28R: H4577X150 (ASPH-RFSC) S-12 MIRL 0.3% up E IAP, AD

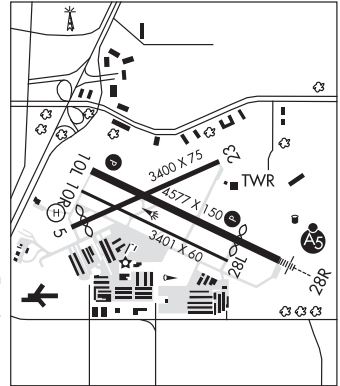
RWY 10L: PAPI(P4L)—GA 3.4° TCH 45' .
RWY 28R: MALSR. PAPI(P4R)—GA 3.0° TCH 41' . Thld dsplcd 1176' .
 Rgt tfc.

RWY 10R-28L: H3401X60 (ASPH-RFSC) S-12
RWY 10R: Rgt tfc.
RWY 28L: REIL.

RWY 05-23: H3400X75 (ASPH-TRTD-RFSC) S-12 0.3% up NE
RWY 05: Thld dsplcd 390' .

SERVICE: S4 FUEL 100LL, JET A, A+ OX 1, 4 LGT When twr clsd
 ACTIVATE PAPI Rwy 10L and 28R, MALSR Rwy 28R—CTAF, MIRL
 Rwy 10L-28R opr continuously.

AIRPORT REMARKS: Attended Mon-Fri 1600-0200Z†. Be alert heavy acft activity in the vicinity of Lake Murray and Mt Soledad. Pilots are urged to be vigilant for other acft in these areas and to ctc the twr early enough for timely tfc advisories if proceeding east bound advise twr of destination arpt. Be alert to military jet acft invof arpt and 4.7 NM NW of arpt bearing 312° invof Mission Bay VORTAC. Be alert birds on and in the vicinity of arpt. Coyote activity on rwys and twys. Practice low approaches are prohibited 0730-1430Z†. Simulated engine failures are prohibited over residential areas. No jet touch and go opns. For noise abatement regulations ctc the noise abatement office at 858-573-1436. Acft with high noise levels are requested to use Rwy 10L-28R. Extreme noise sensitive areas west and south of arpt. Noise monitoring in effect. Maximum noise limit 0730-1430Z† 70 DB over residential areas. Maximum noise limit 1430-0730Z† 88 DB. Dep use Rwy 10L when tower not opr and wind permitting. TPA Rwy 10R-28L, 10L-28R and 05-23—single engine 1427(1000) and multi-engine/turbo powered 2027(1600). No acft over 20,000 lbs on Twy J rstd by FBO. Twy K rstd to wingspan no greater than 58' . Ldg fees for ops by PART 135 certified acft.



AIRPORT MANAGER: (858) 573-1430

WEATHER DATA SOURCES: ASOS (858) 576-4337

COMMUNICATIONS: CTAF 119.2 ATIS 126.9 858-277-3075 UNICOM 122.95

Ⓡ **SOCAL APP CON** 124.35

TOWER 119.2 125.7 (1400-0500Z†) **GND CON** 118.225

CLNC DEL 123.725 For clnc del when twr clsd call SOCAL Apch 800-448-3724

Ⓡ **SOCAL DEP CON** 119.6

AIRSPACE: CLASS D svc 1400-0500Z† other times CLASS G.

VOR TEST FACILITY (VOT) 109.0

RADIO AIDS TO NAVIGATION: NOTAM FILE SAN.

MISSION BAY (H) VORTACW 117.8 MZB Chan 125 N32°46.93' W117°13.52' 050° 4.8 NM to fld. 12/15E.

- VOR portion unusable:
- 090°-100° byd 28 NM
- 100°-130° byd 17 NM
- 130°-190° byd 14 NM
- 190°-219° byd 20 NM
- 308°-350° byd 20 NM blo 8,000'
- TACAN AZIMUTH unusable:
- 310°-350° byd 15 NM blo 6,000'
- TACAN DME unusable:
- 310°-350° byd 20 NM blo 6,000'
- TACAN AZIMUTH & DME unusable:
- 310°-350° byd 30 NM blo 10,000'

ILS/DME 111.95 I-MYF Chan 56(Y) Rwy 28R. Class IT. LOC/DME unmonitored when ATCT closed.

HELIPAD H1: H48X48 (ASPH)

SAN DIEGO INTL (SAN)(KSAN) P (CG) 2 W UTC-8(-7DT) N32°44.01' W117°11.38'

17 B AOE Class I, ARFF Index D NOTAM FILE SAN

LOS ANGELES

H-41, L-4H

IAP, AD

Rwy 09-27: H9400X200 (ASPH-CONC-GRVD) PCN 75 F/A/W/T

HIRL CL

Rwy 09: MALSR. TDZL. PAPI(P4L)—GA 3.3° TCH 76'. RVR—TR Thld dsplcd 1000'. Tree.

Rwy 27: MALSR. TDZL. PAPI(P4R)—GA 3.5° TCH 66'. RVR—TR Thld dsplcd 1810'. Sign. Rgt tfc.

RUNWAY DECLARED DISTANCE INFORMATION

Rwy 09: TORA-8280 TODA-9401 ASDA-8280 LDA-7280

Rwy 27: TORA-9401 TODA-9401 ASDA-9401 LDA-7591

ARRESTING GEAR/SYSTEM

Rwy 27: EMAS

SERVICE: S2 FUEL 100LL, JET A OX 1, 2 LGT Twy C edge lgts OTS indef. Rwy 27 PAPI unusable byd 5° left and right of centerline.

MILITARY— A-GEAR Rwy 27 EMAS 315' x 218'. FUEL (NC-100LL, A) FLUID OX.

AIRPORT REMARKS: Attended continuously. Intermittent presence of birds

on and in/ov arpt. Pilots are required to ctc gnd controller prior to pushback, tow out and taxi for tfc advisories. Ultralight acft prohibited on arpt. Practice approaches and touch and go landings prohibited.

ASDE-X in use. Operate transponders with altitude reporting mode

and ADS-B (if equipped) enabled on all airport surfaces. Taxiing acft are prohibited from passing to the south of acft

located on Twy B into alley located between Gates 7 and 14. Taxiing acft shall follow lead-in lines until the nose wheel

of the acft has entered the non-movement area of the alley. Rwy 09-27 FAA gross weight strength DC10-10 410;

DC10-30 530; L-1011 430; B747 720. 747 and larger acft are prohibited from making intersection tkts. To reduce jet

blast impact at north end of Twy F acft will not start engine until 800' from north end of Twy F, abeam the second parking

pad. Aircraft crossing Rwy 09-27 on Twy C6, hold short of Twy C6 facing west on Taxiway C, parallel to runway. In the

event of a diversion or irregular opr events, acft opr ctc the arpt duty manager 619-400-2710 for PPR due to limitations

associated with handling diverted flights. Limitations include rstd gate space, customs svcs as well as acft servicing and

parking. For access to/from Terminal 2 : Gates 23, 25, 27, 29, 31, 33-51 and the island and west RON parking ramps,

ctc ramp ctl on 129.775 from 1400-0800Z, ctc ground ctl on 123.9 from 0800-1400Z. Taxilane A rstd to acft with

wingspans of 135' or less. Acft with wingspans greater than 200' inbound to west ramp or Gates 47 or 51 must access

via transfer ctl point #1. Twy B rstd to acft with wingspans greater than 171' between Twy B6 and Twy D. Acft with

wingspan greater than 171' (52M) rstd from using Twy D south of Twy B, and when exiting Rwy 09 westbound on Twy

B. Outboard engines of four-engine acft are to be kept at idle power for all ground maneuvering. Cross-bleed engine starts

permitted only on parallel twy with acft aligned on twy centerline. Due to PAEW on Rwy 09-27, 30 minute PPR

0830-1230Z for all landings and departures call 619-400-2710. 30 minute PPR 619-400-2710 for acft with over

171' wingspan. Military acft on official business only ctc arpt ops at 619-400-2710 for PPR. Flight Notification Service

(ADCUS) available. NOTE: See Special Notices—Continuous Power Facilities, Aircraft Noise Prohibitions/Restrictions.

AIRPORT MANAGER: (619) 400-2710

WEATHER DATA SOURCES: ASOS (619) 296-8934 LLWAS.

COMMUNICATIONS: D-ATIS 134.8 619-298-0997 UNICOM 122.95

RCO 122.2 122.4 (SAN DIEGO RADIO)

Ⓡ **SOCAL APP/DEP CON** 124.35 (East) 119.6 (West)

LINDBERGH TOWER 118.3 GND CON 123.9 CLNC DEL 125.9

CPDLC (LOGON KUSA)

AIRSPACE: CLASS B See VFR Terminal Area Chart

RVR TEST FACILITY (VOT) 109.0

RADIO AIDS TO NAVIGATION: NOTAM FILE SAN.

MISSION BAY (H) VORTACW 117.8 MZB Chan 125 N32°46.93' W117°13.52' 133° 3.4 NM to fld. 12/15E.

VOR portion unusable:

090°-100° byd 28 NM

100°-130° byd 17 NM

130°-190° byd 14 NM

190°-219° byd 20 NM

308°-350° byd 20 NM blo 8,000'

TACAN AZIMUTH unusable:

310°-350° byd 15 NM blo 6,000'

TACAN DME unusable:

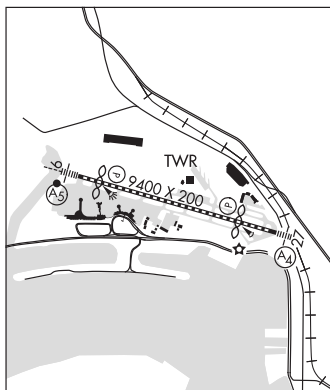
310°-350° byd 20 NM blo 6,000'

TACAN AZIMUTH & DME unusable:

310°-350° byd 30 NM blo 10,000'

ILS/DME 111.55 I-SAN Chan 52(Y) Rwy 09. Class IE. Autopilot coupled approaches na below 530' MSL.

LOC/DME 110.9 I-UBR Chan 46 Rwy 27. LOC unusable byd 25° right of course.



SAN DIEGO/EL CAJON

GILLESPIE FLD (SEE)(KSEE) 10 NE UTC-8(-7DT) N32°49.57' W116°58.35'

LOS ANGELES

388 B TPA—See Remarks NOTAM FILE SEE

H-41, L-4H

RWY 09L-27R: H5342X100 (ASPH) S-90, D-120, 2D-200 MIRL

IAP AD

0.5% up E

RWY 09L: VASI(V2L)—GA 4.0° TCH 41'. Tree.

RWY 27R: REIL. PAPI(P4L)—GA 4.5° TCH 45'. Thld dsplcd 706'. Road. Rgt tfc.

RWY 17-35: H4145X100 (ASPH) S-58, D-106, 2D-195 MIRL

0.5% up S

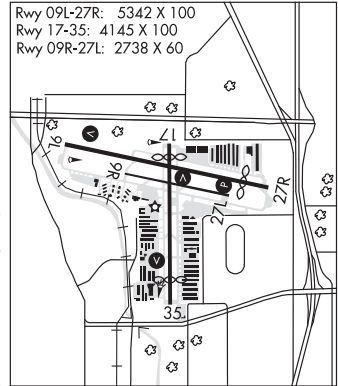
RWY 17: VASI(V2L)—GA 4.0° TCH 45'. Thld dsplcd 450'. Bldg.

RWY 35: VASI(V2L)—GA 4.5° TCH 27'. Thld dsplcd 685'. Pole.

RWY 09R-27L: H2738X60 (ASPH) S-12 0.5% up E

SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 2, 3, 4 **LGT** Rwy 27R PAPI unusable beyond 6° right of course. Rwy 17 end lgts NSTD, spread less than rwy pavement width. When twr clsd **ACTIVATE** MIRL Rwy 09L-27R and Rwy 17-35, VASI Rwy 17, Rwy 35, Rwy 09L, PAPI Rwy 27R and REIL Rwy 27R—CTAF. **FUEL** 100LL and Jet fuel self serve 24 hrs.

AIRPORT REMARKS: For fuel svc or assistance during business hrs, ctc (619) 449-0611, (619) 448-5991, or (619) 981-5000. 100LL self svc avbl 24 hrs. Coyotes and birds occasionally on and in/ov arpt. Simulated engine failures prohibited over residential areas. Formation flight avbl as tfc permits, ltd to no more than 3 aft per formation. PPR for VFR low apchs blo 1000' AGL from arpt director. PPR for all military act, and all MIL/CIV VFR low aphs blo 1000' AGL ctc arpt ops 619-956-4800. Noise abatement procedures in effect. Rwy 17 preferred noise abatement dep when twr clsd. TGL and Jet dep strongly discouraged 0600-1500Z. Noise sensitive areas all quads. Rwy 27L Noise abatement pattern and copter "pioneer" pattern information avbl at sdcountyairports.com or ctc arpt ops 619-956-4800. PPR and for additional Noise abatement informaton ctc arpt opr 619-956-4800. Please ctc arpt ops at 619-956-4800. TPA—Rwy 17-35 1188(800) SR-SS, 1388(1000) SS-SR. Rwy 27R TPA 1588(1200) rgt tfc SR-SS, TPA 1388(1000) left tfc SS-SR due to 893' AGL mountain 2.1 NM ENE of arpt. Rwy 27L 1388(1000) left tfc SR-SS. West transient ramp and portions of Twy D between Twy D2 and west transient ramp not visible from twr. Rwy 27R centerline in close alignment with terrain, use of Localizer/DME highly recommended. When twr clsd, acct must self-announce on CTAF prior to ldg or departing.



AIRPORT MANAGER: 619-956-4800

WEATHER DATA SOURCES: AWOS-3P 125.45 (619) 449-1228. LAWRS.

COMMUNICATIONS: CTAF 120.7 ATIS 125.45 619-449-1228. (General outlook when tower closed.)

Ⓡ **SOCAL APP/DEP CON** 124.35

TOWER 120.7 123.8 (1500-0500Z) **GND CON** 121.7

CLNC DEL 125.1 For clnc del when twr clsd call **SOCAL** apch 800-448-3724, press 5.

AIRSPACE: CLASS D svc 1500-0500Z other times CLASS G.

VOR TEST FACILITY (VOT) 110.0

RADIO AIDS TO NAVIGATION: NOTAM FILE SAN.

MISSION BAY (H) VORTACW 117.8 MZB Chan 125 N32°46.93' W117°13.52' 063° 13.1 NM to fld. 12/15E.

VOR portion unusable:

090°-100° byd 28 NM

100°-130° byd 17 NM

130°-190° byd 14 NM

190°-219° byd 20 NM

308°-350° byd 20 NM blo 8,000'

TACAN AZIMUTH unusable:

310°-350° byd 15 NM blo 6,000'

TACAN DME unusable:

310°-350° byd 20 NM blo 6,000'

TACAN AZIMUTH & DME unusable:

310°-350° byd 30 NM blo 10,000'

LOC/DME 110.5 I-SEE Chan 42 Rwy 27R. LOC unmonitored when ATCT clsd. DME unusable byd 8° right of course blo 4,500'.

SAN FRANCISCO INTL (SFO)(KSFO) P (CG) 8 SE UTC-8(-7DT)

N37°37.13' W122°22.53'

SAN FRANCISCO**H-3B, L-2F, 3B, A****IAP, AD**

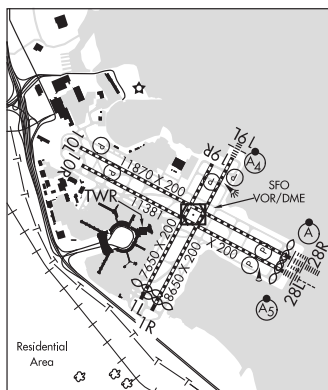
13 B LRA Class I, ARFF Index E NOTAM FILE SFO

RWY 10L-28R: H11870X200 (ASPH-GRVD) S-75, 2D-400, 2D/2D2-877 PCN 80 F/B/X/T HIRL CL**RWY 10L:** REIL. PAPI(P4L)—GA 3.0° TCH 80'. RVR-TMR Tower.**RWY 28R:** ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 68'. RVR-TMR Thld dsplcd 300'. Rgt ttc.**RWY 10R-28L:** H11381X200 (ASPH-GRVD) S-75, D-200, 2D-400, 2D/2D2-877 PCN 80 F/B/X/T HIRL CL**RWY 10R:** PAPI(P4L)—GA 3.0° TCH 68'. RVR-TMR Tower. Rgt ttc.**RWY 28L:** MALSR. PAPI(P4L)—GA 2.85° TCH 67'. RVR-TMR Thld dsplcd 300'.**RWY 01R-19L:** H8650X200 (ASPH-GRVD) S-75, D-200, 2D-400, 2D/2D2-877 PCN 100F/B/X/T HIRL CL**RWY 01R:** REIL. RVR-TMR Thld dsplcd 560'. Tree.**RWY 19L:** MALSF. TDZL. PAPI(P4L)—GA 3.0° TCH 71'. RVR-TMR**RWY 01L-19R:** H7650X200 (ASPH-GRVD) S-75, D-200, 2D-400, 2D/2D2-877 PCN 90 F/B/X/T HIRL CL**RWY 01L:** REIL. RVR-TMR Thld dsplcd 640'.**RWY 19R:** PAPI(P4L)—GA 3.0° TCH 55'. RVR-TMR**RUNWAY DECLARED DISTANCE INFORMATION****RWY 01L:**TORA-7650 TODA-7650 ASDA-7650 LDA-7010**RWY 01R:**TORA-8650 TODA-8650 ASDA-8650 LDA-8090**RWY 10L:**TORA-11870 TODA-11870 ASDA-11193 LDA-11193**RWY 10R:**TORA-11381 TODA-11381 ASDA-10704 LDA-10704**RWY 19L:**TORA-8650 TODA-8650 ASDA-8650 LDA-8650**RWY 19R:**TORA-7650 TODA-7650 ASDA-7650 LDA-7650**RWY 28L:**TORA-11381 TODA-11381 ASDA-10981 LDA-10275**RWY 28R:**TORA-11870 TODA-11870 ASDA-11870 LDA-11236**ARRESTING GEAR/SYSTEM****RWY 01L:** EMAS**RWY 01R:** EMAS**RWY 19L:** EMAS**RWY 19R:** EMAS**SERVICE:** S4 FUEL 100LL, JET A OX 3, 4 **MILITARY— A-GEAR** Rwy 01L EMAS 413 x 227, Rwy 19R EMAS 437 x 227, Rwy 01R EMAS 409 x 227, Rwy 19L EMAS 373 x 227. **FUEL** (NC-100, 100LL, A, A+).

AIRPORT REMARKS: Attended continuously. Rwy 1L CLOSED to departing Trijet acft with wingspan greater than 155'. PAEW AER 28L, Rwy 28R and Rwy 19L infly. Flocks of birds feeding along shoreline adjacent to arpt, on occasions fly across various parts of arpt. Due to obstructed vision, SFO twr is able to provide only limited arpt tfc ctl svc on Twy A between gates 88 and 89. Twr personnel are unable to determine whether this area is clear of tfc or obstructions. Rwy 10 preferred rwy between 0900-1400Z† wx and fit conditions permitting. ASSC in use. Operate transponders with altitude reporting mode and ADS-B (if equipped) enabled on all airport surfaces. Simultaneous ops in effect all runws. Noise sensitive arpt. For noise abatement procedures ctc arpt noise office Monday-Friday 1600-0100Z† by calling 650-821-5100. Airline pilots shall strictly follow the painted noise gear lines and no oversteering adjustment is permitted. No grooving exists at arpt rwy intersections. Rwy 01L-19R, 01R-19L, Rwy 10R-28L, Rwy 10L-28R grooved full length except at rwy intersections. B747, B777, A330, A340 or larger acft are restricted from using Twy A1 when B747-400, A340-600 or larger acft are holding short of Rwy 01R on Twy A. 747-400's shall taxi at a speed of less than 10 miles per hr on all non-restricted twys on the terminal side of the intersecting runws. All outbound Twy Y heavy aircraft with a wingspan of 171' or greater under power prohibited from entering westbound Twy Z. Twy Z1 northbound entrance clsd to Rwy 10R for jet acft and four engine turboprops. Twy S2 btn Twy Z and Twy S3 clsd to acft with wingspan over than 215 ft. Ramp clsd to acft with wingspan over 117' at Terminal 1, gate C41 indef. Movement speed of not more than 5 miles per hr is required when two 747-400's pass or overtake each other on parallel twys A and B. Rwy 19L MALSF has a NSTD length of 1115' with 3 sequenced flashers. Rwy status lgts in operation. Ldg fee. Flight Notification Service (ADCUS) available. **NOTE:** See Special Notices—Intersection Departures During Period of Darkness, Expanded Charted Visual Flight Procedures. Continuous Power Facilities, Special Noise Abatement Procedures, Special Noise Abatement Procedures—Preferential Runways.

AIRPORT MANAGER: (650) 821-3355**WEATHER DATA SOURCES:** ASOS (650) 872-0246 LLWAS.**COMMUNICATIONS:** D-ATIS 118.85 115.8 113.7 650-877-3585/8422 UNICOM 122.95② **NORCAL APP CON** 120.9 135.1 135.65 (S) 128.325**TOWER** 120.5 **GND CON** 121.8 **CLNC DEL** 118.2 **PRE TAXI CLNC** 118.2② **NORCAL DEP CON** 128.325 133.95 134.5 135.1 (SE-W) 120.9 (NW-E)

CPDLC (LOGON KUSA)

AIRSPACE: CLASS B See VFR Terminal Area Chart**CONTINUED ON NEXT PAGE**

SW, 29 MAR 2018 to 24 MAY 2018

CONTINUED FROM PRECEDING PAGE

VOR TEST FACILITY (VOT) 111.0

RADIO AIDS TO NAVIGATION: NOTAM FILE SFO.

(L) VORW/DME 115.8 SFO Chan 105 N37°37.17' W122°22.43' at fld. 7/17E.

VOR DME unusable:

025°-065° byd 30 NM blo 18,000'

035°-055° byd 12 NM blo 6,500'

150°-190° byd 25 NM blo 4,500'

190°-260° byd 10 NM blo 4,500'

260°-295° byd 35 NM blo 3,000'

295°-330° byd 20 NM blo 8,000'

ILS/DME 108.9 I-SIA Chan 26 Rwy 19L. Class IE. Ry 19L glideslope deviations are possible when critical areas are not required to be protected. Acft operating invof glideslope transmitter. Pilots should be alert for momentary localizer course excursions due to LARGE aircraft operating in vicinity of localizer antenna.

ILS/DME 109.55 I-SFO Chan 32(Y) Rwy 28L. Class IIE.

ILS/DME 111.7 I-GWQ Chan 54 Rwy 28R. Class IIIE.

LDA/DME 110.75 I-FNP Chan 44(Y) Rwy 28X.

SAN GABRIEL VALLEY (See EL MONTE on page 120)

SAN JOSE

NORMAN Y MINETA SAN JOSE INTL (SJC)(KSJC) 2 NW UTC-8(-7DT) N37°21.78' W121°55.72' **SAN FRANCISCO**

62 B TPA—See Remarks LRA Class I, ARFF Index D NOTAM FILE SJC

H-3B, L-2F, 3B, A

RWY 12L-30R: H11000X150 (CONC-GRVD) S-220, D-250, 2S-175, IAP, AD

2D-605 PCN 91 R/B/W/T HIRL CL

RWY 12L: REIL. PAPI(P4R)—GA 3.0° TCH 70'. Thld dspclcd 1307'.

Pole.

RWY 30R: PAPI(P4L)—GA 3.0° TCH 69'. Thld dspclcd 2537'. Tree. Rgt tfc. 0.3% down.

RWY 12R-30L: H11000X150 (CONC-GRVD) S-220, D-250, 2S-175, 2D-605, 2D/2D2-875 PCN 67 R/C/W/T HIRL CL

RWY 12R: MALSR. PAPI(P4R)—GA 3.0° TCH 75'. RVR-R Thld dspclcd 1297'. Pole. Rgt tfc.

RWY 30L: MALSR. PAPI(P4L)—GA 3.0° TCH 70'. RVR-T Thld dspclcd 2537'. Fence. 0.3% down.

RUNWAY DECLARED DISTANCE INFORMATION

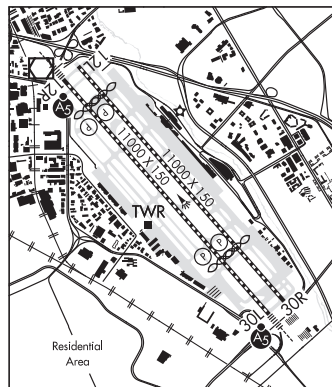
RWY 12L:TORA-10139 TODA-11000 ASDA-10139 LDA-8833

RWY 12R:TORA-9883 TODA-11000 ASDA-9883 LDA-8587

RWY 30L:TORA-10152 TODA-11000 ASDA-10152 LDA-7614

RWY 30R:TORA-10134 TODA-11000 ASDA-10134 LDA-7597

SERVICE: S4 FUEL 100LL, JET A 0X 1, 2, 3, 4 LGT Rwy 30L PAPI unusable byd 7° of centerline of rwy. ACTIVATE MALSR Rwy 12R, MALSR Rwy 30L, HIRL Rwy 12L-30R, HIRL Rwy 12R-30L—Frequency 124.0 when twr clsd.



AIRPORT REMARKS: Attended continuously. Birds frequently on or in vicinity of arpt. First 400' Rwy 30R and Rwy 30L CLOSED

for tkf DC10, MD11, L1011. High intensity light activity: High intensity lights (lasers and large media screens) may be visible to arrival and departure acft to San Jose international arpt during events at the stadium complex (37°24.15' N/ 121°58.14' W, SJC VORTAC R-303/2.1 DME) Flight crews should use caution when opr in this area during stadium events. Cockpit illumination and glare effect reducing visibility may be intensified during arrival and departure ops especially at night. Noise abatement procedure: Rwy 12R-30L is preferred arrival rwy for jet acft and Rwy 12L-30R is the preferred departure rwy for jet acft. All jet acft take-offs are to be initiated from end of rwy unless directed otherwise by twr. TPA-1004(942) single-engine acft, 1504(1442) multi-engine and turbine powered acft. Unscheduled ops by group 5 acft (B747) and larger not authorized except with prior arpt approval ctc arpt manager 408-392-3500. All turbine engine run-ups require prior arpt approval, ctc manager on duty 408-392-3500. Curfew hours 0700-1500Z FAR 36 Stage II, 0730-1430Z FAR 36 Stage III acft listed on the schedule of authorized acft issued by the Director of Aviation. Delayed scheduled flts and alternate emerg ops may be exempt from curfew hr restrictions. Prior arpt notification is required for all late/early arrivals. Ctc manager on duty at 408-392-3500. Twy D between Twy W and Twy V ltd to acft with a wingspan of less than 118' (B-737-900 or smaller). Twy Y will be periodically rstd to acft with a wingspan of less than 171' (MD-11 or smaller) during B-787 and A-340 ops on Rwy 12L-30R. Twy Z will be periodically rstd to acft with a wingspan of less than 118' (B-737-900 or smaller) during B-787 and A-340 ops. Twy W between Twy J and Twy L can support Group IV acft. Twy V ltd to acft with wingspan of less than 118' (B-737-900 or smaller). RRP rqrd from FBO for transient hel ops. Rwy 12R-30L 900' dspclcd thld on NW end not grvd. Rwy 30L 1873' dspclcd thld on SE end not grvd. ASSC surveillance system in use. Pilots should opr transponders with mode C on all twys and rwys. Flight Notification Service (ADCUS) available.

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AIRPORT MANAGER: (408) 277-5100

WEATHER DATA SOURCES: ASOS (408) 969-0838 LAWRS.

COMMUNICATIONS: CTAF 124.0 UNICOM 122.95 D-ATIS 126.95 408-980-8459

Ⓡ NORCAL APP CON 120.1 121.3 124.525 125.35 126.475 133.95 134.5

TOWER 124.0 (1400-0800Z‡) GND CON 121.7 CLNC DEL 118.0 PRE TAXI CLNC 118.0

Ⓡ NORCAL DEP CON 121.3

CPDLC (LOGON KUSA)

AIRSPACE: CLASS C svc ctc APP CON svc 1400-0800Z‡ other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE SJC.

SAN JOSE (L) VORW/DME 114.1 SJC Chan 88 N37°22.48' W121°56.68' 116° 1.0 NM to fld. 35/16E.

VOR portion unusable:

140°-160° byd 25 NM blo 6,100'

170°-240° byd 30 NM blo 6,700'

360°-070° byd 25 NM blo 6,500'

ILS/DME 110.9 I-SLV Chan 46 Rwy 12R. Class IE. Unmonitored when ATCT closed.

ILS/DME 110.9 I-SJC Chan 46 Rwy 30L. Class IE. Unmonitored when ATCT closed.

COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not avbl at tower. For Clnc Del when ATCT is clsd ctc Norcal Apch at 916-361-3748.

REID—HILLVIEW OF SANTA CLARA CO (RHV)(KRHV) 4 SE UTC-8(-7DT) N37°19.97'

SAN FRANCISCO

W121°49.19'

L-2F, 3B

135 B TPA—1135(1000) NOTAM FILE RVH

IAP AD

RWY 13L-31R: H3100X75 (ASPH) S-17 MIRL 0.4% up SE

RWY 13L: REIL. PAPI(P4R)—GA 4.0° TCH 45'. Thld dsplcd 499'. Tree.

RWY 31R: REIL. PAPI(P4L)—GA 4.0° TCH 45'. Thld dsplcd 410'.

Road. Rgt tfc.

RWY 13R-31L: H3099X75 (ASPH) S-17 0.4% up SE

RWY 13R: Thld dsplcd 499'. Tree. Rgt tfc.

RWY 31L: PAPI(P4L)—GA 4.0° TCH 45'. Thld dsplcd 409'. Road.

SERVICE: S4 FUEL 100LL, JET A OX 2, 4 LGT When twr clsd

ACTIVATE REIL Rwy 13L and Rwy 31R, MIRL Rwy 13L-31R—CTAF.

PAPI Rwy 13L, Rwy 31R and Rwy 31L opr continuously.

AIRPORT REMARKS: Attended 1500-0600Z‡. Self-fueling avbl continuously.

Birds on and invof arpt. Be alert all pilots—do not confuse illumination

from street lgts northeast of and parallel to RHV rwys that could be

mistaken for rwy lgts. Ensure proper activation of pilot controlled arpt

sfc lgts. Rwy 31R calm wind rwy when twr closed. No pure jet or

surplus military acft except those meeting FAR 36 noise criteria. No

touch and go landings 0500-1500Z‡. No simulated emergencies in

arpt tfc area. No turns blo 500' when leaving pattern except Rwy 31R

departures—as soon as practicable after departure make a slight right

turn to avoid school one half mile off departure end.

AIRPORT MANAGER: 408-918-7707

WEATHER DATA SOURCES: LAWRS.

COMMUNICATIONS: CTAF 119.8 ATIS 125.2 408-923-7100 UNICOM 122.95

Ⓡ NORCAL APP CON 120.1 134.5 133.95

REID—HILLVIEW TOWER 119.8 (Rwy 13L-31R) 126.1 (Rwy 13R-31L) (1500-0600Z‡) GND CON 121.65

Ⓡ NORCAL DEP CON 121.3

AIRSPACE: CLASS D svc 1500-0600Z‡ other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE SJC.

SAN JOSE (L) VORW/DME 114.1 SJC Chan 88 N37°22.48' W121°56.68' 097° 6.5 NM to fld. 35/16E.

VOR portion unusable:

140°-160° byd 25 NM blo 6,100'

170°-240° byd 30 NM blo 6,700'

360°-070° byd 25 NM blo 6,500'

COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not avbl at tower. For Clnc Del when ATCT is clsd ctc Norcal Apch at 916-361-6874.



SAN JOSE N37°22.48' W121°56.68' NOTAM FILE SJC.

SAN FRANCISCO

(L) VORW/DME 114.1 SJC Chan 88 116° 1.0 NM to Norman Y Mineta San Jose Intl. 35/16E.

L-2F, 3B, A

VOR portion unusable:

140°-160° byd 25 NM blo 6,100'

170°-240° byd 30 NM blo 6,700'

360°-070° byd 25 NM blo 6,500'

SAN LUIS CO RGNL (See SAN LUIS OBISPO on page 213)

SAN LUIS OBISPO

SAN LUIS CO RGNL (SBP)(KSBP) 3 S UTC-8(-7DT) N35°14.24' W120°38.56'

LOS ANGELES
H-4H, L-3D, 7A
IAP, AD

212 B TPA—See Remarks Class I, ARFF Index B NOTAM FILE SBP

RWY 11-29: H6101X150 (ASPH-GRVD) S-75, D-100, 2S-82

PCN 54 F/D/X/T HIRL 0.8% up SE

RWY 11: MALSR. VASI(V4L)—GA 3.0° TCH 50'. Thld dsplcd 800'.

RWY 29: REIL. VASI(V4L)—GA 3.25° TCH 50'. Thld dsplcd 500'.

RWY 07-25: H2500X100 (ASPH) S-12.5, D-12.5 PCN 25 F/D/X/T 1.1% up E

RWY 07: Road.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 07: TORA-2500 TODA-2500 ASDA-2500 LDA-2500

RWY 11: TORA-6100 TODA-6100 ASDA-6100 LDA-5300

RWY 25: TORA-2500 TODA-2500 ASDA-2500 LDA-2500

RWY 29: TORA-6100 TODA-6100 ASDA-6100 LDA-5600

ARRESTING GEAR/SYSTEM

RWY 11: EMAS

RWY 29: EMAS

SERVICE: S4 FUEL 100LL, JET A OX 1, 3, 4 LGT ACTIVATE MALSR

Rwy 11, REIL Rwy 29, VASI Rwy 11, HIRL Rwy 11-29—CTAF. VASI

Rwy 29 opr continuously.

AIRPORT REMARKS: Attended 1400-0100Z†. Recurring flocks of waterfowl on and in vicinity of arprt during winter months. Twr unable to see acct in holding bay at northwest end of Twy A. Movement from holding bay rqrs twr approval during twr hrs. Noise sensitive arprt. For noise abatement information ctc arprt manager 805-781-5205. Rwy 29 designated calm wind rwy. Tran parking exceeding 2 hrs ctc FBO except for air carriers. TPA—1212(1000). TPA—1203 (991) single engine; 1703 (1491) multi-engine, jet and high performance. Taxiway widths less than standard. Pushback from terminal gates at pilot's discretion. Do not call GND CTL for pushback.

AIRPORT MANAGER: 805-781-5205

WEATHER DATA SOURCES: ASOS (805) 547-1260 LAWRS.

COMMUNICATIONS: CTAF 124.0 ATIS 120.6 UNICOM 122.95

Ⓡ **SANTA BARBARA APP/DEP CON** 127.725 (1400-0700Z†)

Ⓡ **L.A. CENTER APP/DEP CON** 119.05 (0700-1400Z†)

TOWER 124.0 (1400-0600Z†) **GND CON** 121.6

AIRSPACE: CLASS D svc 1400-0600Z† other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE HHR.

MORRO BAY (L) VORTACW 112.4 MQO Chan 71 N35°15.14' W120°45.57' 083° 5.8 NM to fld. 1463/16E.

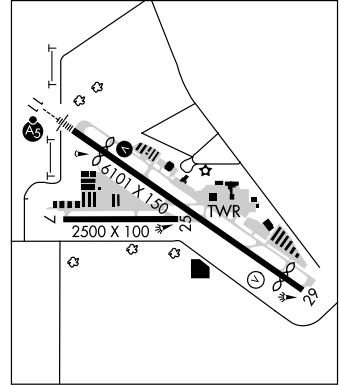
VOR portion unusable:

290°-315° byd 7 NM blo 4,000'

297°-315° byd 13 NM blo 7,000'

315°-090° byd 7 NM blo 7,000'

ILS 109.7 I-SBP Rwy 11. Class IE. Localizer unmonitored when ATCT clsd.



SAN MARCUS N34°30.57' W119°46.26' NOTAM FILE HHR.

LOS ANGELES
H-4H, L-3D, 4F, 7A

(H) VORTAC 114.9 RZS Chan 96 201° 6.1 NM to Santa Barbara Muni. 3598/14E. **HIWAS.**

VOR unusable:

140°-178° byd 27 NM

RCO 122.1R 122.3 114.9T (HAWTHORNE RADIO)

SAN MARTIN (E16) 1 E UTC-8(-7DT) N37°04.90' W121°35.81'

SAN FRANCISCO

284 B TPA-1284(1000) NOTAM FILE E16

L-3B

RWY 14-32: H3095X75 (ASPH) S-12.5 MIRL 0.3% N

IAP

RWY 14: PAPI(P2L)—GA 4.0° TCH 41'. Pole.

RWY 32: PAPI(P2L)—GA 4.0° TCH 42'. Tree. Rgt tfc.

SERVICE: S4 **FUEL** 100LL, **JET A** OX 3, 4 **LGT** Arpt bcn dusk-dawn. **ACTIVATE** MIRL Rwy 14-32 —CTAF. PAPI Rwy 14 and Rwy 32 on continuously.

AIRPORT REMARKS: Attended Wed 1500-0130Z†. Self fueling facility avbl continuous. Parachute Jumping. Approaching acft fly downwind legs east of freeway. No crosswind turns below 1300' MSL, departures climb to 2000' MSL.

AIRPORT MANAGER: 408-918-7700

WEATHER DATA SOURCES: AWOS-3P 118.350 (408) 918-7724.

COMMUNICATIONS: CTAF/UNICOM 122.7

® **NORCAL APP CON** 124.525

® **NORCAL DEP CON** 120.1

RADIO AIDS TO NAVIGATION: NOTAM FILE SJC.

SAN JOSE (L) VOR/DME 114.1 SJC Chan 88 N37°22.48'

W121°56.68' 120° 24.2 NM to fld. 35/16E.

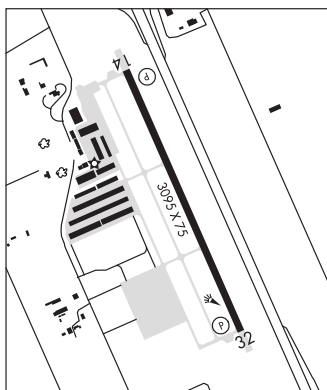
VOR portion unusable:

140°-160° byd 25 NM blo 6,100'

170°-240° byd 30 NM blo 6,700'

360°-070° byd 25 NM blo 6,500'

COMM/NAV/WEATHER REMARKS: For clnc del ctc Norcal apch at 916-361-3748.



SAN NICOLAS ISLAND NOLF (NSI)(KNSI) NAF 0 E UTC-8(-7DT) N33°14.39' W119°27.49'

LOS ANGELES

506 B NOTAM FILE NSI Not insp.

H-4H, L-3E, 4G

RWY 12-30: H10002X200 (PEM) PCN 63 R/C/W/T HIRL

DIAP, AD

RWY 12: Thld dsplcd 991'.

RWY 30: PAPI(P4L)—GA 3.0° TCH 55'. Rgt tfc.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 12: LDA-9010

SERVICE: **MILITARY**— JASU 1(NC-10C) **FUEL** J5 (MIL)

MILITARY REMARKS: Opr Mon-Thu/alternate Fri 1500-0000Z†, CLOSED alternate Fri, all Sat, Sun and holidays. **RSTD** Official Business Only. 24 hr PPR for all acft opr other times, 48 hr PPR for C-5 and acft exceeding published ldg weight from San Nicolas ATC DSN 351-2253, C805-989-2253. Possible divert all acft except emergency to Point Mugu NAWAS due drone missile opr. Rwy 12 tkf and ldg 9002'. **CAUTION** Possible turbulence short final Rwy 30. Unlt wind turbines approximately 160' tall, lctd between 3,930' and 6,105' south of the rwy centrine. **NS ABTMT** Remain at least 1 mile offshore or 1000' MSL. **MISC** Hangar space maintenance not avbl. Call Plead CON or Point Mugu APP 128.65 325.0 prior to entering W289.

COMMUNICATIONS: **NAVY NICHOLAS TOWER** 126.85 379.3 (Mon-Thu/alternate Fri 1500-0000Z†, clsd alternate Fri, all Sat, Sun and holidays)

PLEAD CON 132.425 306.6

AIRSPACE: **CLASS D** svc 1500-0030Z† Mon-Fri other times **CLASS G**.

RADIO AIDS TO NAVIGATION: NOTAM FILE NSI.

(L) **TACAN** Chan 39 NSI (110.2) N33°14.10' W119°27.50' at fld. 522/12E. TACAN unmonitored when afld clsd.

TACAN AZIMUTH & DME unusable:

108°-123° byd 29 NM blo 7,700'

123°-283° byd 12 NM

123°-283° byd 8 NM blo 5,500'

ILS 109.7 I-NSI Rwy 30.

SANDBERG SDB N34°45.00' W118°43.00'/4523

LOS ANGELES

ASOS 120.625 (661) 248-2329 Hawthorne AFSS NOTAM file: HRR

L-3D, 4G, 7B

SANTA ANA

JOHN WAYNE AIRPORT—ORANGE CO (SNA)(KSNA) 4 S UTC-8(-7DT) N33°40.54' W117°52.09' LOS ANGELES

56 B TPA—See Remarks Class I, ARFF Index C NOTAM FILE SNA

RWY 02L-20R: H5701X150 (ASPH-GRVD) S-70, D-200, 2S-121, 2D-300 PCN 89 F/B/X/T HIRL 0.3% up S

RWY 02L: PAPI(P4L)—GA 3.0° TCH 72'. RVR-R

RWY 20R: MALSR. PAPI(P4L)—GA 3.0° TCH 63'. RVR-T Rgt t/c.

RWY 02R-20L: H2887X75 (ASPH-GRVD) S-25, D-60 PCN 72 F/B/X/T MIRL 0.4% up S

RWY 02R: Rgt t/c.

RWY 20L: REIL. PAPI(P4L)—GA 3.0° TCH 26'. Bldg.

SERVICE: S4 FUEL 100LL, JET A OX 3, 4 LGT When twr clsd
ACTIVATE MALSR Rwy 20R and PAPI Rwy 02L, and Rwy 20R—CTAF.

AIRPORT REMARKS: Attended continuously. Rwy 02R-20L CLOSED when twr is clsd. Be alert to birds on and in/vof arpt. Noise abatement procedures in effect contact arpt noise office 949-252-5185. Maintain at or above 300' AGL until established on final. VFR Acft: to avoid overflight of Rwy 20R, Rwy 20L arrival fly final at 15° angle to rwy, Rwy 20L departures turn 15° left at departure end of rwy. To avoid overflights of Rwy 02L, Rwy 02R departures turn 15° right at freeway. ASDE-X in use. Operate transponders with altitude reporting mode and ADS-B (if equipped) enabled on all airport surfaces. Rwy 02L-20R TPA—1056 (1000) small acft, 1556 (1500) turbine acft over 12500 lbs. Rwy 02R-20L TPA—856 (800) small single engine acft, 1056 (1000) twin engine acft. FBO general aviation aprons limited to max gwt of 100,000 lbs (dual gear) and with wingspans less than 100'. General aviation acft prohibited from using any portion of the air carrier commercial ramp. When twr clsd no local training or touch and go operations. Overnight tiedown fee.

AIRPORT MANAGER: 949-252-5171

WEATHER DATA SOURCES: ASOS (714) 424-0590 LAWRS (1400-0700Z‡).

COMMUNICATIONS: CTAF 126.8 D-ATIS 126.0 714-546-2279 UNICOM 122.95

SANTA ANA RCO 122.45 (RIVERSIDE RADIO)

Ⓡ **SOCAL APP CON** 121.3

TOWER 119.9 (Rwy 02R-20L) 126.8 (Rwy 02L-20R) 128.35 (1415-0700Z‡)

GND CON 120.8 (East) 132.25 (West) **CLNC DEL** 118.0 121.85

Ⓡ **SOCAL DEP CON** 128.1 124.1

CPDLC (LOGON KUSA)

AIRSPACE: CLASS C svc ctc **APP CON** svc 1415-0700Z‡ other times CLASS G.

VOR TEST FACILITY (VOT) 110.0

RADIO AIDS TO NAVIGATION: NOTAM FILE SLI.

SEAL BEACH (L) VORTACW 115.7 SLI Chan 104 N33°47.00' W118°03.29' 110° 11.3 NM to fld. 22/15E.

HIWAS.

VOR unusable:

125°-180° byd 30 NM blo 4,000'

TACAN AZIMUTH unusable:

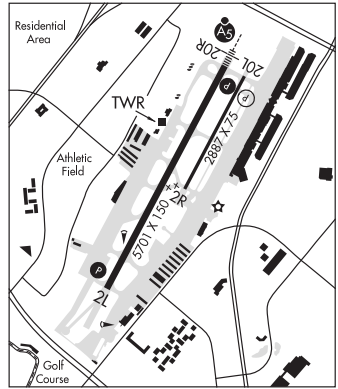
125°-195° byd 20 NM blo 5,000'

DME unusable:

125°-195° byd 20 NM blo 5,000'

ILS/DME 111.75 I-SNA Chan 54(Y) Rwy 20R. Class IT. Unmonitored when ATCT closed. Localizer backcourse unusable byd 25° left of course.

LDA/DME 108.3 I-QJW Chan 20 Rwy 20X. LDA unmonitored when ATCT clsd. Ry 20X created to support o/w LDA associated with SNA ILS Rwy 20R.



COPTER
H-41, L-3E, 4H, A
IAP, AD

SANTA BARBARA HUG N34°22.60' W120°10.11'/152
AWOS-3 119.625 (805) 961-4256

LOS ANGELES

SANTA BARBARA MUNI (SBA)(KSBA) 7 W UTC-8(-7DT) N34°25.57' W119°50.49'

13 B TPA—See Remarks LRA Class I, ARFF Index B NOTAM FILE SBA

LOS ANGELES

H-4H, L-3D, 4F, 7A

IAP, AD

RWY 07-25: H6052X150 (ASPH-PFC) S-110, D-160, 2S-175,

2D-245 PCN 66 F/A/X/U HIRL

RWY 07: MALSR. RVR-T Tree. Rgt tfc.

RWY 25: REIL. PAPI(P4L)—GA 3.0° TCH 50'. RVR-R Fence.

RWY 15R-33L: H4184X100 (ASPH) S-48, D-63, 2S-80, 2D-100

PCN 19 F/A/X/U MIRL

RWY 15R: REIL. Tree.

RWY 33L: Tree. Rgt tfc.

RWY 15L-33R: H4180X75 (ASPH) S-35, D-41, 2S-80, 2D-63

PCN 14 F/A/X/T

RWY 15L: Bldg.

RWY 33R: Rgt tfc.

SERVICE: S4 FUEL 100LL, JET A OX 1, 2, 3, 4 LGT When twr clsd
ACTIVATE MIRL Rwy 15R-33L, REIL Rwy 15R—CTAF. MALSR Rwy
07, PAPI Rwy 25 and REIL Rwy 25 opr continuously. CTAF.

AIRPORT REMARKS: Attended 1330-0600Z†. 100LL fuel 24 hr credit card
svc avbl. Fee for Jet A fuel after hrs call 805-964-6733 or
967-5608. Numerous flocks of birds on and invof arpt. Rwy
15L-33R dalg† hrs only. Noise abatement procedures in effect ctc arpt
ops 805-692-6011. Due to ltd ramp space at the airline terminal
non-scheduled transport category acft with more than 30 passenger seats are required to ctc arpt ops 805-681-4803
24 hour PPR to arrival. Commercial airline ramp clsd to all General Aviation acft. No customs personnel or facilities are
avbl and international acft will not be allowed to land unless an emerg exists. TPA—1003(990) small acft, 1503(1490)
large acft. Pure jet touch/go or low approaches prohibited. Ldg fee for all PART 135 opr and transient acft with maximum
gross weight 10,000 lbs or more. Fees collected at FBO. Ldg fee.

AIRPORT MANAGER: 805-967-7111

WEATHER DATA SOURCES: ASOS (805) 681-0583

COMMUNICATIONS: CTAF 119.7 ATIS 132.65 UNICOM 122.95

Ⓡ APP/DEP CON 120.55 (151°-329°) 125.4 (330°-150°) 124.15 127.725 (1400-0700Z†)

Ⓡ L.A. CENTER APP/DEP CON 119.05 (0700-1400Z†)

TOWER 119.7 (1400-0700Z†) GND CON 121.7 CLNC DEL 132.9

AIRSPACE: CLASS C svc ctc APP CON svc 1400-0700Z† other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE HHR.

SAN MARCUS (H) VORTAC 114.9 RZS Chan 96 N34°30.57' W119°46.26' 201° 6.1 NM to fld. 3598/14E.

HIWAS.

VOR unusable:

140°-178° byd 27 NM

GAVIOTA (L) VORTACW 113.8 GVO Chan 85 N34°31.88' W120°05.47' 101° 13.9 NM to fld. 2616/16E.

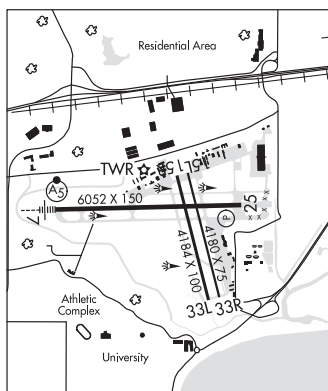
VORTAC unusable:

117°-137° byd 35 NM

310°-095° byd 10 NM blo 8,500'

360°-095° byd 20 NM blo 12,500'

ILS/DME 110.3 I-SBA Chan 40 Rwy 07. Class IA. Unmonitored when ATCT clsd.



SANTA CATALINA N33°22.50' W118°25.19' NOTAM FILE HHR.

(L) VORTACW 111.4 SXC Chan 51 352° 1.8 NM to Catalina. 2090/15E.

LOS ANGELES

H-4I, L-3E, 4G

SANTA MARIA PUB/CAPT G ALLAN HANCOCK FLD (SMX)(KSMX) 3 S UTC-8(-7DT) N34°54.00' W120°27.48'

LOS ANGELES
H-4H, L-3D, 4F, 7A
IAP, AD

261 B TPA—See Remarks Class I, ARFF Index B NOTAM FILE SMX

RWY 12-30: H8004X150 (ASPH-GRVD) S-75, D-181, 2S-175, 2D-400 PCN 56 F/B/X/U HIRL

RWY 12: MALSR. PAPI(P4R)—GA 3.0° TCH 55'. RVR-T Rgt tfc. 0.5% up.

RWY 30: PAPI(P4R)—GA 3.6° TCH 46'. RVR-R Trees. 0.6% down.

RWY 02-20: H5189X75 (ASPH) S-70, D-90, 2S-114, 2D-150 PCN 6 F/B/Y/U 0.3% up N

RWY 02: Rgt tfc.

RWY 20: Trees.

SERVICE: S4 FUEL 100LL, JET A LGT When twr clsd ACTIVATE MALSR Rwy 12, HIRL Rwy 12-30, and twy lights—CTAF. PAPI Rwy 12 and 30 operate continuously.

AIRPORT REMARKS: Attended 1400-0600Z†. Acft fuel servicing avbl 129.975 or 122.950. Self svc fuel 100LL avbl 24 hrs located north of twr. CLOSED to supplemental Part 121 and P135 air carrier ops except 24 hours PPR call arpt manager 805-922-1726 weekdays 1600-0100Z†. Numerous birds on and invof arpt. Parallel lgdt road less than 1/4 mile NW of Rwy 12-30. Calm wind less than 8 knots use Rwy 30. No touch and go opr landing practice or practice instrument approaches 0600-1500Z†. TPA—1261(1000), turbojet and purejet 1761(1500). Transient pilots remain clear of commercial ramp and terminal. Run-up apron Rwy 30 gross weight limit 110,000 pounds dual wheel, 110,000 pounds dual wheel. Portions of Twy J not visible from twr and unlighted.

AIRPORT MANAGER: 805-922-1726

WEATHER DATA SOURCES: ASOS 121.15 (805) 928-0384. Asos broadcast over atis

COMMUNICATIONS: CTAF 118.3 ATIS 121.15 (805) 347-9136 UNICOM 122.95

GUADALUPE RCO 111.0T 122.1R (HAWTHORNE RADIO)

Ⓡ **SANTA BARBARA APP/DEP CON** 124.15 (1400-0700Z†)

Ⓡ **L.A. CENTER APP/DEP CON** 119.05 (0700-1400Z†)

TOWER 118.3 (1400-0400Z†) **GND CON** 121.9

AIRSPACE: CLASS D svc 1400-0400Z† other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE HHR.

MORRO BAY (L) VORTACW 112.4 MQO Chan 71 N35°15.14' W120°45.57' 129° 25.8 NM to fld. 1463/16E.

VOR portion unusable:

290°-315° byd 7 NM blo 4,000'

297°-315° byd 13 NM blo 7,000'

315°-090° byd 7 NM blo 7,000'

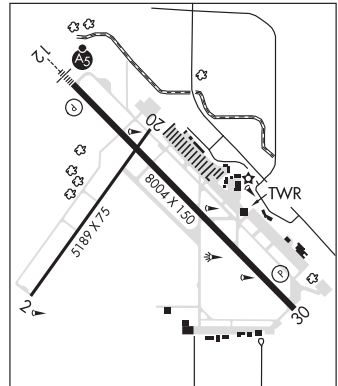
GUADALUPE (T) VOR 111.0 GLJ N34°57.14' W120°31.29' 119° 4.4 NM to fld. 167/16E.

VOR unusable:

300°-325° byd 10 NM blo 3,000'

ILS/DME 108.9 I-SMX Chan 26 Rwy 12. Class IE. LOC, GS, and DME unmonitored when ATCT clsd. OM

unmonitored. LOC front course unusable byd 25° right of course. Localizer backcourse unusable byd 25° right of course; byd 9 NM blw 3,000'; byd 12 NM. DME backcourse unusable byd 9 NM blw 3,000'.

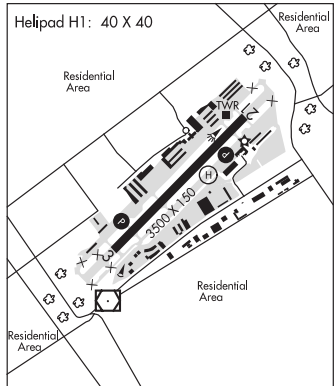


SANTA MONICA MUNI (SMO)(KSMO) 3 E UTC-8(-7DT) N34°00.95' W118°27.08'
 170 B TPA—See Remarks LRA NOTAM FILE SMO
RWY 03-21: H3500X150 (ASPH-GRVD) S-40, D-60, 2D-105 MIRL
 1.2% up NE

**LOS ANGELES
 COPTER**
L-3E, 4G, 7B, A
IAP, AD

RWY 03: PAPI(P4L)—GA 3.42° TCH 28'. Tree. Rgt tfc.
RWY 21: REIL. PAPI(P4L)—GA 3.5° TCH 45'.
SERVICE: S4 FUEL 100LL, JET A OX 1, 3 LGT When twr clsd
 ACTIVATE REIL Rwy 21; PAPI Rwy 03 and Rwy 21; MIRL Rwy
 03-21—CTAF.

AIRPORT REMARKS: Attended continuously. PPR required for dual wheel acft in excess of 60,000 pounds certified maximum ldg weight, ctc arpt manager 310-458-8592. Helicopter flight training ops prohibited, helicopter ops apch boundry at midfield at or above 900' MSL. No touch/go, stop/go, or low apch permitted on Sat, Sun, holidays, weekdays SS-1500Z†. IFR jets and turboprops ctc ground prior to engine start. Tsnt parking south side, next to bcn. Turbine acft and acft over 12,000 lbs prohibited on south side transit parking. Continuous noise ordinance in effect ctc noise office for procedures 310-458-8692. Noise limits all acft: Pure Jet and Stage II (with/without hush kits) prohibited. Maximum noise limit 95.0 DBA single event noise exposure level (senel) RCRDD 2200' extended centerline. Curfew, no engine starts, APU, or tkofs except PPR lifeguard flights 0700-1500Z† Mon-Fri and 0700-1600Z† weekends. PPR ex-military acft ctc arpt manager 310-458-8692. VFR departures Rwy 21 turn left 10° over SMP VOR then turn right 225°. If departure north, no right turns before reaching shoreline. Rwy 03 departure no turns prior to 405 freeway located 1 mile E. Engine maintenance runup: Jets and turboprop N side, within 300' E of Twy A4. Piston single and twins on S side, within 300' E of Twy B4. TPA—1370(1200) single engine, 1870(1700) twin engine. Intersection departures and formation landings/departures prohibited. Rwy 03-21 dep end approximately 1000' from residential homes. Extended high power settings on run-up or dep negatively impact the community. Ldg fee.



AIRPORT MANAGER: (310) 458-8692

WEATHER DATA SOURCES: ASOS (310) 392-6453 LAWRS.

COMMUNICATIONS: CTAF 120.1 ATIS 119.15 310-450-4620 UNICOM 122.95

Ⓡ **SOCAL APP CON** 124.3 (101°-245°) 124.9 (069°-100°) 125.2 (246°-341°) 128.5 (342°-068°)

TOWER 120.1 (1500-0500Z†) **GND CON** 121.9 **CLNC DEL** For clnc del when twr clsd call **SOCAL** Apch 800-448-3724.

Ⓡ **SOCAL DEP CON** 125.2

AIRSPACE: CLASS D svc 1500-0500Z† other times CLASS G.

VOR TEST FACILITY (VOT) 113.9

RADIO AIDS TO NAVIGATION: NOTAM FILE SMO.

(L) **VORW/DME** 110.8 SMO Chan 45 N34°00.61' W118°27.40' at fld. 114/15E.

VOR & DME unusable:

070°-080° byd 30 NM blo 7,000'

265°-275° byd 25 NM blo 14,000'

275°-005° byd 30 NM blo 14,000'

HELIPAD H1: H40X40 (ASPH) PERIMETER LGTS

HELIPORT REMARKS: Helicopter fit training opr prohibited, helicopters cross arpt boundary at 900' MSL. Rwy H1 perimeter lgts.

SANTA PAULA (SZP)(KSZP) 1 SE UTC-8(-7DT) N34°20.82' W119°03.70'
 248 TPA—848(600) NOTAM FILE HHR
RWY 04-22: H2713X60 (ASPH) 0.3% up NE
RWY 04: Thld dsplcd 197'. Bldg. Rgt tfc.
RWY 22: Thld dsplcd 225'. Trees.

LOS ANGELES
COPTER

SERVICE: S4 **FUEL** 100LL

AIRPORT REMARKS: Attended 1600-0100Z†. 24 hour self fueling with all major credit cards. Be alert to wires crossing over river bed adjacent to Rwy 04-22. Locations: 1.5 miles and 3.5 miles SW AER 04. Also, 1,500' and 2.5 miles NE AER 22. Ultralights, banner towing, gliders, remote control models operating in the vicinity. Daily aerobatic activity 3-18 miles E up to 5255' AGL. Ngt operations prohibited. +4' sign in primary sfc at NE end of arpt. 2200' mt 1 NM S of arpt, for noise abatement mntn 1500' upwind over city. No OHD apchs, no 45° entries, no crosswind entries over rwy. STAs not recommended. Enter pattern from extended downwind leg or enter from a crosswind leg at least 1 mile byd the dep end of active rwy.

AIRPORT MANAGER: 805-933-1155

COMMUNICATIONS: CTAF 122.9

HELIPAD H1: H60X60 (ASPH)

HELIPORT REMARKS: Helicopter must use designated heliport located mid-fld on the south side. All apchs/deps are from the south. Transient helicopter rstd to the heliport. Hover taxi not authorized.

SANTA ROSA

CHARLES M SCHULZ – SONOMA CO (STS)(KSTS) 6 NW UTC-8(-7DT) N38°30.58' W122°48.77' **SAN FRANCISCO**
 129 B TPA—See Remarks Class I, ARFF Index B NOTAM FILE STS **H-3B, L-2G, 3A**
RWY 14-32: H6000X150 (ASPH-GRVD) S-120, D-184, 2D-300 **IAP AD**

PCN 52 F/C/W/T HIRL
RWY 14: PAPI(P4R)—GA 3.0° TCH 49'. RVR-R Trees. Rgt tfc.
RWY 32: MALSR. RVR-T Trees.
RWY 02-20: H5202X100 (ASPH-GRVD) S-109, D-154, 2D-254
 PCN 43 F/C/W/T MIRL 0.3% up S
RWY 02: PAPI(P2L)—GA 3.0° TCH 50'. Trees.
RWY 20: PAPI(P4L)—GA 3.5° TCH 48'. Trees.

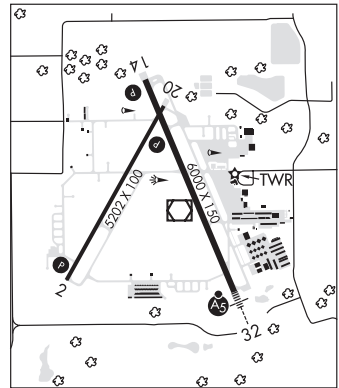
LAND AND HOLD—SHORT OPERATIONS

| LDG RWY | HOLD—SHORT POINT | AVBL LDG DIST |
|---------|------------------|---------------|
| RWY 02 | 14-32 | 4608 |

RUNWAY DECLARED DISTANCE INFORMATION

| |
|---|
| RWY 02: TORA-5202 TODA-5202 ASDA-4802 LDA-4802 |
| RWY 14: TORA-6000 TODA-6000 ASDA-5880 LDA-5880 |
| RWY 20: TORA-5202 TODA-5202 ASDA-5202 LDA-5202 |
| RWY 32: TORA-6000 TODA-6000 ASDA-6000 LDA-6000 |

SERVICE: S4 **FUEL** 100LL, JET A **OX2**, 4 **LGT** Rwy 02 PAPI unusable byd 5° left of centerline. Rwy 02. LAHSO ALD ctc twr for availability. When twr clsd **ACTIVATE** MALSR Rwy 32, PAPI Rwy 02, Rwy 20, and Rwy 14, HIRL Rwy 14-32, MIRL Rwy 02-20, Twy lghts—CTAF.



AIRPORT REMARKS: Attended 1400-0600Z†. 100LL avbl 24 hrs with credit card. Jet A avbl during attendance hrs. Be alert for numerous flocks of birds on and in/ovf arpt including seasonally migratory geese. Deer on and in/ovf arpt. TPA for small acft 1129(1000) and TPA for large acft 1629(1500). Arpt has noise abatement procedures ctc arpt manager 707-565-7243. Twy Z between Rwy 14-32 and Twy A limited to S-20, D-40. Ldg fee.

AIRPORT MANAGER: 707-565-7243

WEATHER DATA SOURCES: ASOS (707) 573-8393

COMMUNICATIONS: CTAF 118.5 ATIS 120.55 707-545-2847 **UNICOM** 122.95

Ⓡ OAKLAND CENTER APP/DEP CON 127.8

SANTA ROSA TOWER 118.5 (1500-0400Z†) **GND CON** 121.9

AIRSPACE: CLASS D svc 1500-0400Z† other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE STS.

SANTA ROSA (L) VORW/DME 113.0 STS Chan 77 N38°30.49' W122°48.64' at fld. 121/16E.

VOR/DME unusable:

- 030°-080° byd 25 NM blo 7,500'
- 080°-120° byd 25 NM blo 5,500'
- 340°-360° byd 32 NM blo 10,000'
- 360°-030° byd 25 NM blo 10,000'

ILS 109.3 I-STs Rwy 32. Class IE. Unmonitored when ATCT closed.

SANTA YNEZ (IZA)(KIZA) 1 SE UTC-8(-7DT) N34°36.41' W120°04.53'

674 B TPA-1674(1000) NOTAM FILE IZA

RWY 08-26: H2803X75 (ASPH) S-12.5 MIRL 0.7% down W

RWY 08: Hill. Rgt tfc.

RWY 26: VASI(V2L)-GA 3.4° TCH 20'.

SERVICE: **FUEL** 100LL, **JET A** **LGT** MIRL Rwy 08-26 preset low ints to increase ints and **ACTIVATE** VASI Rwy 26 and twy lgts-CTAF.

AIRPORT REMARKS: Attended 1500-0300Z†. Fuel avbl 24 hours using automated system. Parachute Jumping. Ultralight ops south of Rwy 08-26. Glider ops on dirt apch zone Rwy 26, gliders opr rgt tfc Rwy 26. Rwy 26 tkf recommend heading 210° at arpt perimeter if safety permit for noise abatement. Helicopters apch from north and south on east end of arpt.

AIRPORT MANAGER: 805-688-8390

WEATHER DATA SOURCES: AWOS-3 118.075 (805) 686-8903.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **SANTA BARBARA APP/DEP CON** 124.15 (1400-0700Z‡)

Ⓡ **L.A. CENTER APP/DEP CON** 119.05 (0700-1400Z‡)

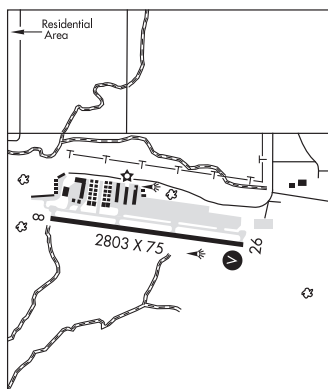
RADIO AIDS TO NAVIGATION: NOTAM FILE HHR.

SAN MARCUS (H) VORTAC 114.9 RZS Chan 96 N34°30.57'

W119°46.26' 277° 16.2 NM to fld. 3598/14E. **HIWAS.**

VOR unusable:

140°-178° byd 27 NM



LOS ANGELES

L-3D, 4F, 7A

IAP

SAUSALITO N37°51.32' W122°31.37' NOTAM FILE OAK.

(L) **VOR/DME** 116.2 SAU Chan 109 137° 15.8 NM to San Francisco Intl. 1040/17E.

VOR unusable:

281°-319° byd 20 NM blo 12,000'

DME unusable:

281°-319° byd 20 NM blo 12,000'

SAN FRANCISCO

H-3A, L-2F, 3A, A

SCAGGS ISLAND N38°10.76' W122°22.39' NOTAM FILE APC.

(L) **VORTACW** 112.1 SGD Chan 58 048° 4.8 NM to Napa Co. 5/17E.

SAN FRANCISCO

L-2F, 3A, A

SCHELLVILLE/SONOMA

SONOMA VALLEY (ØQ3) 4 S UTC-8(-7DT) N38°13.44' W122°26.98'

16 TPA-816(800) NOTAM FILE OAK

RWY 07-25: H2700X45 (ASPH) S-12.5

RWY 07: Tree. Rgt tfc.

RWY 17-35: H1513X50 (ASPH) S-12.5

RWY 35: Rgt tfc.

SERVICE: S4 **FUEL** 100LL

AIRPORT REMARKS: Attended 1500-0200Z†. Day use only. Rwy 07-25 no touch and go ldg, or training ops, Rwy 25 rgt 20° turn after tkf. Rwy 25 turn crosswind after 600'. Rwy 17-35 restricted PPR.

AIRPORT MANAGER: 707-938-2444

COMMUNICATIONS: CTAF 122.9

SAN FRANCISCO

SCOTT VALLEY (See FORT JONES on page 125)

SEAL BEACH N33°47.00' W118°03.29' NOTAM FILE SLI.

(L) **VORTACW** 115.7 SLI Chan 104 at Los Alamitos AAF. 22/15E. **HIWAS.**

VOR unusable:

125°-180° byd 30 NM blo 4,000'

TACAN AZIMUTH unusable:

125°-195° byd 20 NM blo 5,000'

DME unusable:

125°-195° byd 20 NM blo 5,000'

LOS ANGELES

COPTER

H-4I, L-3E, 4H, A

SELMA (ØQ4) 2 NW UTC-8(-7DT) N36°34.86' W119°39.42'
305 B TPA-1105(800) NOTAM FILE RIU

SAN FRANCISCO

RWY 10-28: H2206X50 (ASPH) S-12 LIRL(NSTD) 0.5% up W

RWY 10: Pole.

RWY 28: Berm.

SERVICE: FUEL 100LL LGT Rwy 10-28 NSTD LIRL, first 176' of Rwy 10 not lgtd. Dusk-0900Z†. PPR for rotating bcn after 0900Z† call 559-896-1001 during attendant hours.

AIRPORT REMARKS: Unattended. Arpt clsd to helicopters exc PPR 559-896-1001.

AIRPORT MANAGER: (559) 314-4900

COMMUNICATIONS: CTAF/UNICOM 122.8

SEQUOIA FLD (See VISALIA on page 242)

SHAFTER-MINTER FLD (MIT)(KMIT) 4 E UTC-8(-7DT) N35°30.45' W119°11.53'
425 B TPA-1425(1000) NOTAM FILE RIU

LOS ANGELES

L-3D, 7B

IAF

RWY 12-30: H4501X100 (ASPH) S-22 HIRL

RWY 12: Rgt tfc.

RWY 30: PAPI(P2L)—GA 3.0° TCH 42'.

RWY 08-26: H3672X60 (ASPH) S-125 0.3% up E

RWY 08: Thld dspclcd 140'. Trees.

RWY 26: Thld dspclcd 158'. Bldg. Rgt tfc.

RWY 17-35: H2970X100 (CONC) S-25, D-30 0.3% up N

RWY 17: Road. Rgt tfc.

RWY 35: Road.

SERVICE: S4 FUEL 100LL, JET A LGT HIRL Rwy 12-30 ops dusk-0800Z†, after 0800Z† ACTIVATE—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1600-0100Z†. Fuel 24 hr credit card svc avbl. Ultralight activity on and in vicinity of arpt. Heavy crop duster activity invof arpt. Rwy 26 and Rwy 08 used extensively by aerial applicator acft. Recommend extensive usage of CTAF for position reporting. Rwy 30 preferred calm wind rwy.

AIRPORT MANAGER: (661) 303-6996

WEATHER DATA SOURCES: AWOS-3 121.125 (661) 393-8596.

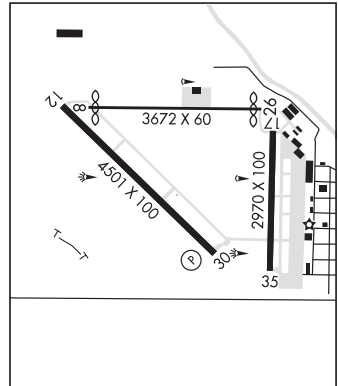
COMMUNICATIONS: CTAF 122.9

Ⓡ BAKERSFIELD APP/DEP CON 126.45 (1400-0700Z†)

Ⓡ L.A. CENTER APP/DEP CON 127.1 (0700-1400Z†)

RADIO AIDS TO NAVIGATION: NOTAM FILE BFL.

(H) VORTACW 115.4 EHF Chan 101 N35°29.07' W119°05.84' 272° 4.8 NM to fld. 549/14E. HIWAS.



SHAFTER N35°29.07' W119°05.84' NOTAM FILE BFL.

LOS ANGELES

(H) VORTACW 115.4 EHF Chan 101 133° 3.6 NM to Meadows Fld. 549/14E. HIWAS.

H-4H, L-3D, 7B

SHELTER COVE (ØQ5) 1 W UTC-8(-7DT) N40°01.69' W124°04.46'
73 TPA-1073(1000) NOTAM FILE OAK

KLAMATH FALLS

L-2H

RWY 12-30: H3407X60 (ASPH) S-20 0.5% up NW

RWY 12: Thld dspclcd 106'. Tree. Rgt tfc.

RWY 30: Thld dspclcd 501'. Tree.

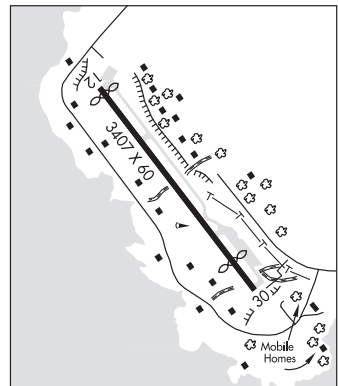
AIRPORT REMARKS: Unattended. Day use only; CLOSED ngts. Be alert for ultralights, hang gliders and parachuters invof arpt. Arpt use restricted by arpt manager to acft having a maximum certificated gross tkf weight of 12,500' or less, ctc arpt manager for additional info (707) 986-7447. Expect crosswinds, downdrafts, and extended periods of fog year-round. Student pilot solo flts prohibited. No practice apchs or touch and go lds. Golf carts operating on and invof arpt. Terrain +40' drop off located 500' north Rwy 12 end.

AIRPORT MANAGER: 707-223-4045

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE UKI.

MENDOCINO (H) VORTACW 112.3 ENI Chan 70 N39°03.19' W123°16.46' 312° 69.2 NM to fld. 2985/16E. HIWAS.

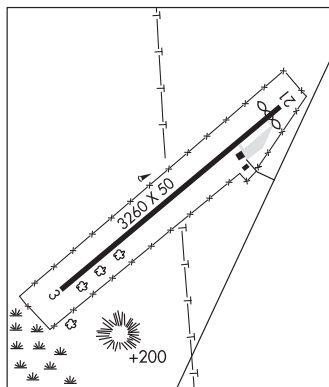


SHOSHONE (L61) 1 S UTC-8(-7DT) N35°58.12' W116°16.16'
 1568 TPA—2368(800) NOTAM FILE RAL
RWY 15-33: H2380X30 (ASPH)
RWY 15: Trees.
RWY 33: Berm. Rgt tfc.
AIRPORT REMARKS: Unattended. Rwy CLOSED to helicopters.
AIRPORT MANAGER: 760-872-2971
COMMUNICATIONS: CTAF 122.9

LAS VEGAS

SIERRA SKY PARK (See FRESNO on page 128)

SIERRAVILLE DEARWATER (Ø79) 1 SE UTC-8(-7DT) N39°34.90' W120°21.24'
 4984 TPA—5784(800) NOTAM FILE RNO
RWY 03-21: H3260X50 (ASPH) S-12 1.0% up SW
RWY 21: Thld dspcd 193'. Road. Rgt tfc.
AIRPORT REMARKS: Unattended. Ultralight activity on and invof arpt.
AIRPORT MANAGER: (530) 289-3201
COMMUNICATIONS: CTAF 122.9
RADIO AIDS TO NAVIGATION: NOTAM FILE TVL.
SQUAW VALLEY (L) VOR/DME 113.2 SWR Chan 79 N39°10.82'
 W120°16.18' 335° 24.4 NM to fld. 8850/16E. **HIWAS.**

SAN FRANCISCO
L-9A**SISKIYOU CO** (See MONTAGUE on page 167)

SONOMA SKYPARK (ØQ9) 3 SE UTC-8(-7DT) N38°15.45' W122°26.05'
 20 TPA—1020(1000) NOTAM FILE OAK
RWY 08-26: H2480X40 (ASPH) S-8
RWY 08: Thld dspcd 140'. Trees. Rgt tfc.
RWY 26: Thld dspcd 237'. Trees.
SERVICE: S4 FUEL 100LL
AIRPORT REMARKS: Attended 1700-0100Z†. Ngt ops prohibited. Noise sensitive area E end of Rwy 08-26. For noise abatement information call arpt manager 707-996-2100. Rotorwing turbojet, ultralights plus acft over 8,500 pounds gross weight are prohibited. Perform pre-dep runup W end. Rwy 26 is calm wind rwy. Rwy 08 for arrival and dep only, no touch and go ldg or practice apchs.
AIRPORT MANAGER: 707-996-2100
COMMUNICATIONS: CTAF/UNICOM 122.8

SAN FRANCISCO

SONOMA VALLEY (See SCHELLVILLE/SONOMA on page 220)

SOUTH LAKE TAHOE

LAKE TAHOE (TVL)(KTVL) 3 SW UTC-8(-7DT) N38°53.63' W119°59.72'

SAN FRANCISCO

6268 B TPA—See Remarks NOTAM FILE TVL

H-3B, L-9A

RWY 18-36: H8541X100 (ASPH-GRVD) S-70, D-125, 2S-159,

IAP, AD

2D-210 MIRL

RWY 18: MALSf. PAPI(P4L)—GA 3.0° TCH 48'. Thld dsplcd 800'.
Brush.

RWY 36: REIL. Thld dsplcd 2033'. Trees. Rgt tfc.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 18: TORA-8541 TODA-8541 ASDA-7817 LDA-7017

RWY 36: TORA-8541 TODA-8541 ASDA-7741 LDA-5708

SERVICE: S2 **FUEL** 100LL, JET A **OX** 1, 3 **LGT** ACTIVATE MALSf Rwy 18; PAPI Rwy 18, MIRL Rwy 18-36—CTAF.

AIRPORT REMARKS: Attended Sep-May 1500-0000Z, Jun-Aug

1530-0330Z. Arpt conditions not monitored 0000-1500Z. Birds and waterfowl invof arpt. After winter storms Rwy 18-36 opens before all taxiways are clear. Arpt surrounded on east, south and west by rapidly rising terrain. Tfc advisories and sequencing in the tfc pattern are based on position reports received from pilots in these areas. Adverse weather effects magnified by mountains. Avoid desolation wilderness west of arpt. Preferred arrival Rwy 18. Preferred departure Rwy 36. For large and high performance acft dep Rwy 18, right downwind dep is recommended. ARFF not avbl without PPR, call arpt manager

530-542-6182. Clsd to air carriers ops with more than 9 passanger seats exc 48 hrs PPR. Access noise restrictions: max 80 DBA departure, 84 DBA arrival (Transport—85 DBA), maximum 77.1 DBA night limit. Noise abatement, depart Rwy 36, rwy heading 1 mile, left 320° at white arrow to shoreline. For noise abatement info call 530-542-6182. Recreational airborne activity along southern lakeshore. TPA 7500(1232) small acft, 8000(1732) transport/high performance aircraft. Twy H west of Twy A restricted to acft less than 12,500 pounds. Twy H clsd perm. Cold temperature restricted arpt. Altitude correction required at or below -27C.

AIRPORT MANAGER: 530-542-6182

WEATHER DATA SOURCES: ASOS 124.725 (530) 541-5739. Unrelbl wind spd and dir info. LAWRS.

COMMUNICATIONS: CTAF/UNICOM 122.85

SQUAW VALLEY RCO 122.25 (RENO RADIO)

OAKLAND CENTER APP/DEP CON 127.95

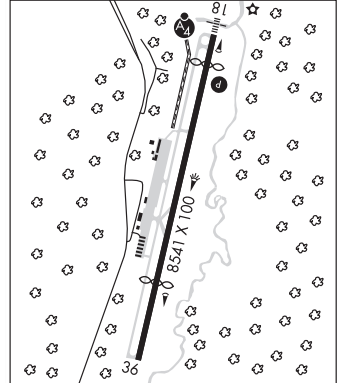
CLNC DEL 134.3

AIRSPACE: CLASS E

RADIO AIDS TO NAVIGATION: NOTAM FILE TVL.

SQUAW VALLEY (L) VORW/DME 113.2 SWR Chan 79 N39°10.82' W120°16.18' 127° 21.4 NM to fld. 8850/16E. HIWAS.

LDA/DME 108.9 I-TVL Chan 26 Rwy 18. LDA/DME Rwy 18 unmonitored. LOC front unusable byd 15° left and 15° right of course. LOC front unusable within 4.1 DME.



SOUTHARD FLD (See BIEBER on page 91)

SOUTHERN CALIFORNIA LOGISTICS (See VICTORVILLE on page 241)

SPAULDING (See SUSANVILLE on page 225)

SQUAW VALLEY N39°10.82' W120°16.18' NOTAM FILE TVL.

SAN FRANCISCO

(L) VORW/DME 113.2 SWR Chan 79 127° 21.4 NM to Lake Tahoe. 8850/16E. HIWAS.

H-3B, L-9A

RCO 122.25 (RENO RADIO)

STOCKTON

LOST ISLE SPB (S74) 8 NW UTC-8(-7DT) N38°00.25' W121°27.40'

SAN FRANCISCO

00 TPA-800(800) NOTAM FILE RIU

WATERWAY NW-SE: 4000X300 (WATER)

SEAPLANE REMARKS: Unattended. Be alert for floating debris. No overnight moorage. Boat docks avbl for seaplane use.

AIRPORT MANAGER: 916-574-1812

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc Norcal Apch at 916-361-0516.

STOCKTON METROPOLITAN (SCK)(KSCX) P (ARNG) 3 SE UTC-8(-7DT) N37°53.65'

SAN FRANCISCO

W121°14.30'

H-3B, L-2F, 3B

33 B TPA—See Remarks Class I, ARFF Index B NOTAM FILE SCK

IAP, AD

RWY 11L-29R: H10649X150 (ASPH-GRVD) S-40, D-150, 2S-175,

2D-360, 2D/2D2-650 PCN 46 F/C/X/T HIRL

RWY 11L: PAPI(P4L)—GA 3.0° TCH 75'. RVR-R Thld dsplcd 1000'.

RWY 29R: MALSR. PAPI(P4L)—GA 2.94° TCH 63'. RVR-T Thld dsplcd 999'. Rgt tfc.

RWY 11R-29L: H4448X75 (ASPH) S-12.5

RWY 11R: Rgt tfc.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 11L:TORA-8474 TODA-9474 ASDA-8604 LDA-8650

RWY 29R:TORA-9202 TODA-10202 ASDA-9556 LDA-8650

SERVICE: S4 FUEL 100, 100LL, JET A OX 1, 3 LGTACTIVATE HIRL

Rwy 11L-29R, PAPI Rwy 11L and Rwy 29R, MALSR Rwy

29R—CTAF. **MILITARY— FUEL** (NC-100, 100LL, A - Avbl

1300-0500Z±, OT svc chg, C209-468-4722.)

AIRPORT REMARKS: Attended continuously. Fuel and svc 1300-0500Z±, other times call 209-982-1622-svc charge. Seagulls on and invof arpt especially dur rainy wx. Pavement prior to thlds not avbl for taxi back ops. Tran parking avbl at FBO. CLOSED to unscheduled air carrier ops with more than 30 pax seats exc one hr PPR call arpt mgr

209-468-4700 or 4722, after hrs call 209-468-4722. Be alert to elevated MALSR AER 29R lctd at dsplcd thld demarcation bar when using full length of Rwy 29R. The following areas not visible from twr. Twy B from terminal apron to int at Twy M, Twy B from 300' west of Twy J to 375' east of Twy J, movement area south of Twy B from terminal apron to 200' west of Twy H, southeast half of terminal apron, tran parking apron. Twy B from aprx 200' west and east of Twy J. Terminal apron and Twy B, Twy F, Twy D, Twy D7, Twy D9, Twy N, and Twy H for acft abv 12,500 lbs. All other twys rstd to acft less than 12,500 lbs. Arpt CLOSED to touch and go ldgs and planned low apchs for turbojet acft 0600-1500Z± exc by PPR from arpt mgr Part 36 Stage 3 acft. Practice circling apchs to Rwys 11L/11R not allowed for any turbine powered/prop driven acft exceeding 12,500 lbs exc PPR from arpt mgr. Avoid overflying San Joaquin General Hospital and the city of Manteca. TPA—1033(1000) for lgt acft, and 1533(1500) for turbine acft. Ldg fee for acft over 12,500 lbs.

AIRPORT MANAGER: 209-468-4700

WEATHER DATA SOURCES: ASOS (209) 982-4270 LAWRS.

COMMUNICATIONS: CTAF 120.3 ATIS 118.25 209-982-4667 UNICOM 122.95

RCO 122.65 (RANCHO MURIETA RADIO)

Ⓡ **NORCAL APP CON** 123.85 (SE-NW 7000' and blo) 125.1 (N-SE 7000' and blo) 124.8 (8000' and abv)

TOWER 120.3 (1500-0500Z±) **GND CON** 121.9

Ⓡ **NORCAL DEP CON** 125.1

AIRSPACE: CLASS D svc 1500-0500Z± other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE RIU.

LINDEN (H) VOR/DME 114.8 LIN Chan 95 N38°04.47' W121°00.23' 209° 15.5 NM to fld. 266/17E.

DME unusable:

191°-235°

ILS/DME 109.1 I-SCK Chan 28 Rwy 29R. Class IE. LOC unusable byd 15° right and left of course.

COMM/NAV/WEATHER REMARKS: For clnc del when twr clsd ctc Norcal apch at 916-361-0516.

HELIPAD H1: H70X70 (CONC) S-45, D-55

HELIPAD H1: ODALS.

HELIPORT REMARKS: Helipad H1 ODALS.

STOVEPIPE WELLS (See DEATH VALLEY NATIONAL PARK on page 115)

STRATHMORE

ECKERT FLD (IQ1) 1 NE UTC-8(-7DT) N36°09.74' W119°03.04'

SAN FRANCISCO

426 TPA—1426(1000) NOTAM FILE RIU

RWY 13-31: H2000X50 (ASPH)

RWY 13: Thld dsplcd 185'. Trees.

RWY 31: Thld dsplcd 265'. Trees.

SERVICE: FUEL 100LL

AIRPORT REMARKS: Attended dalgt hrs. Night ops prohibited. Rwy 13-31 asph cracked, worn and ponds water. Rwy 13-31 markings faded and partially obscured. Rwy 13-31 gross weight 10,000 pounds provided by arpt manager.

AIRPORT MANAGER: (805) 798-4775

COMMUNICATIONS: CTAF/UNICOM 122.8

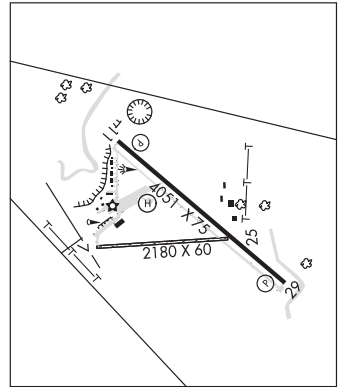
SUSANVILLE

SPAULDING (1Q2) 16 NW UTC-8(-7DT) N40°39.02' W120°46.11'
 5116 B TPA-5916(800) NOTAM FILE RNO
RWY 16-34: H4600X50 (ASPH) S-12.5 MIRL
RWY 34: Rgt tfc.
SERVICE: LGT ACTIVATE MIRL Rwy 16-34-122.8.
AIRPORT REMARKS: Unattended.
AIRPORT MANAGER: 530-251-8299
COMMUNICATIONS: CTAF 122.9
RADIO AIDS TO NAVIGATION: NOTAM FILE RDD.
REDDING (T) VOR/DME 108.4 RDD Chan 21 N40°30.27' W122°17.50' 064° 70.2 NM to fld. 496/18E.

KLAMATH FALLS
 L-11A

SUSANVILLE MUNI (SVE)(KSVE) 5 SE UTC-8(-7DT) N40°22.54' W120°34.36'
 4149 B TPA-4949(800) NOTAM FILE SVE
RWY 11-29: H4051X75 (ASPH-GRVD) S-15 MIRL 0.6% up NW
RWY 11: PAPI(P2L)-GA 3.0° TCH 40'. Trees.
RWY 29: PAPI(P2L)-GA 4.0° TCH 52'. Rgt tfc.
RWY 07-25: 2180X60 (DIRT) 0.9% up W
RWY 07: Fence.
SERVICE: S4 FUEL 80, 100LL, JET A LGT ACTIVATE MIRL Rwy 11-29-CTAF.
AIRPORT REMARKS: Attended 1600-0100Z±. Rwy 11-29 ltd to 12,000 pounds by arpt manager. Rwy 11 powerline orange balls below tree line partially obscured. Cold temperature rstd arpt. Altitude correction required at or blo -22C.
AIRPORT MANAGER: 530-257-2030
WEATHER DATA SOURCES: AWOS-3 133.8 (530) 257-0315.
COMMUNICATIONS: CTAF/UNICOM 122.8
OAKLAND CENTER APP/DEP CON 128.8
RADIO AIDS TO NAVIGATION: NOTAM FILE RNO.
MUSTANG (H) VORTACW 117.9 FMG Chan 126 N39°31.88'
 W119°39.36' 304° 66.0 NM to fld. 5950/16E.
VORTAC unusable:
 200°-230° byd 30 NM blo 13,000'

KLAMATH FALLS
 L-11A
 IAP

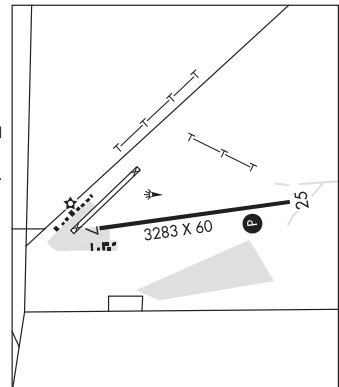


HELIPAD H1: H120X120 (ASPH)

SUTTER CO (See YUBA CITY on page 246)

Taft-Kern CO (L17) 1 E UTC-8(-7DT) N35°08.50' W119°26.27'
 858 B TPA-1658(800) NOTAM FILE RIU
RWY 07-25: H3283X60 (ASPH) S-4 MIRL 3.0% up W
RWY 07: Pole.
RWY 25: PAPI(P2L)-GA 3.5° TCH 57'.
SERVICE: S2 LGT MIRL Rwy 07-25 and PAPI Rwy 25 ngt use only ACTIVATE-CTAF.
AIRPORT REMARKS: Attended Mon-Fri 1600-0000Z±, Sat-Sun 1800-0000Z±. Parachute Jumping. Be alert to lgtd cranes within 5 NM radius 200' AGL and below. Rwy 07 marked with X's, no lds. Rwy 25 steep uphill grade (2.2%). Rwy 07-25 has a dry streambed NE end. Rwy 07 no txf with tailwinds. No student solo flts permitted. For arpt information call 661-393-7990.
AIRPORT MANAGER: (661) 391-1824
COMMUNICATIONS: CTAF/UNICOM 122.8
RADIO AIDS TO NAVIGATION: NOTAM FILE RIU.
FELLOS (L) VOR/DME 117.5 FLW Chan 122 N35°05.59'
 W119°51.93' 066° 21.3 NM to fld. 3870/16E.
VOR unusable:
 030°-070° byd 25 NM blo 8,500'
 145°-215° byd 25 NM blo 9,500'

LOS ANGELES
 L-3D, 7B



TEHACHAPI**MOUNTAIN VALLEY** (L94) 2 SE UTC-8(-7DT) N35°06.06' W118°25.39'

LOS ANGELES

4220 TPA—5220(1000) NOTAM FILE RIU

L-3D, 7B

RWY 09L-27R: H4890X36 (ASPH-DIRT)**RWY 09L:** Road.**RWY 27R:** Berm. Rgt tfc.**RWY 09R-27L:** H4890X36 (ASPH-DIRT)**RWY 09R:** Tree. Rgt tfc.**RWY 27L:** Berm.**SERVICE:** S4 OX 2, 4

AIRPORT REMARKS: Attended 1600-2100Z \ddagger , 2200-0100Z \ddagger . For fuel after hrs call 805-822-5159. Gliders apch from N, use Rwy 09L-27R, powered acft apch from S; use Rwy 09R-27L. Rwy end 09R first 1200' X36' dirt, Rwy end 27L remaining 3,690' X36' asphalt. Rwy end 09L first 1200' X36' dirt; Rwy end 27R remaining 3690' asphalt of varying widths. Rwy 09R-27L marked with nstd thld bars at each end; no numbers no centerline. Rwy 09L-27R rstd to sailplane use. Rwy 09L no rwy centerline. Rwy 09L nstd thld marking only. Rwy 09L marked with letter R on each end no centerline. Rwy 27R no rwy centerline. Rwy 27R nstd thld marking only. NOTE: See Special Notice—Aerobatic Practice Area Mountain Valley Airport, Tehachapi, CA.

AIRPORT MANAGER: 661-822-5267**COMMUNICATIONS:** CTAF/UNICOM 123.0**RADIO AIDS TO NAVIGATION:** NOTAM FILE HHR.**LAKE HUGHES (L) VORTACW** 108.4 LHS Chan 21 N34°40.98' W118°34.62' 002° 26.2 NM to fld. 5790/15E.

VOR portion unusable:

335°-350° blo 10,000'

TEHACHAPI MUNI (TSP)(KTSP) 0 NE UTC-8(-7DT) N35°08.10' W118°26.36'

LOS ANGELES

4001 B TPA—5001(1000) NOTAM FILE RIU

L-3D, 7B

RWY 11-29: H4040X75 (ASPH) HIRL 1.1% up E**RWY 11:** REIL. PAPI(P2L)—GA 3.0° TCH 42'. Thld dspcld 300'. Hill.

Rgt tfc.

RWY 29: REIL. PAPI(P2L)—GA 3.5° TCH 15'. Thld dspcld 367'.

Railroad.

SERVICE: S4 FUEL 100LL, JET A LGT ACTIVATE HIRL Rwy

11-29—CTAF.

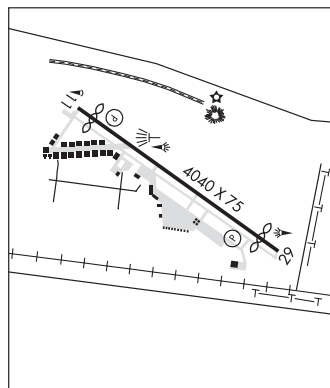
AIRPORT REMARKS: Attended 1500-0130Z \ddagger . CLOSED holidays. For after hrs call attendant on call, public works. 661-822-2233. Fuel 24 hrs credit card. Lgtd obstruction mountain 1 mile west of arpt 4279' MSL. Gross weight pavement strength provided by arpt manager: 25,000 lbs.

AIRPORT MANAGER: (661) 822-2200**WEATHER DATA SOURCES:** AWOS-3P 120.025 (661) 823-0473.**COMMUNICATIONS:** CTAF/UNICOM 123.0**RADIO AIDS TO NAVIGATION:** NOTAM FILE HHR.**LAKE HUGHES (L) VORTACW** 108.4 LHS Chan 21 N34°40.98'

W118°34.62' 359° 27.9 NM to fld. 5790/15E.

VOR portion unusable:

335°-350° blo 10,000'

**THERMAL** N33°37.69' W116°09.61' NOTAM FILE TRM.

LOS ANGELES

(H) VORTAC 116.2 TRM Chan 109 at Jacqueline Cochran Rgnl. -87/13E.

H-41, L-41

VOR unusable:

045°-060° byd 30 NM blo 12,000'

045°-060° byd 35 NM blo 13,500'

060°-090° byd 35 NM blo 9,000'

160°-185° byd 30 NM blo 14,000'

160°-185° byd 20 NM blo 12,000'

185°-260° byd 20 NM blo 18,500'

260°-265° byd 35 NM blo 11,000'

260°-265° byd 36 NM blo 12,000'

265°-285° byd 35 NM blo 13,500'

325°-045° byd 20 NM blo 12,000'

325°-045° byd 35 NM blo 13,500'

TACAN AZIMUTH & DME unusable:

060°-090° byd 35 NM blo 9,000'

160°-285° byd 15 NM blo 17,500'

160°-285° byd 30 NM

325°-060° byd 20 NM blo 12,000'

325°-060° byd 30 NM blo 15,000'

RCO 122.3 (RIVERSIDE RADIO)

TORRANCE

ZAMPERINI FLD (TOA)(KTOA) 3 SW UTC-8(-7DT) N33°48.20' W118°20.38'

LOS ANGELES

103 B TPA—1103(1000) NOTAM FILE TOA

COPTER

RWY 11L-29R: H5001X150 (ASPH-CONC) S-30, D-50, 2D-90

H-4I, L-3E, 4G, A

MIRL 0.3% up E

IAP, AD

RWY 11L: VASI(V2L)—GA 3.5° TCH 10'. Thld displcd 541'. Trees.

RWY 29R: MALSRL VASI(V4L)—GA 4.0° TCH 11'. Thld displcd 540'.

Bldg. Rgt tfc.

RWY 11R-29L: H3000X75 (ASPH-CONC) S-28 MIRL

RWY 11R: Rgt tfc.

RWY 29L: REIL. VASI(V2L)—GA 4.0° TCH 25'. Bldg.

SERVICE: S4 **FUEL** 80, 100LL **OX** 1, 2, 3, 4 **LGT** When twr clsd
ACTIVATE MALSRL Rwy 29R—CTAF. MIRL Rwy 11L-29R ops SS-SR,
MIRL Rwy 11R-29L ops 1400-0400Z†.

AIRPORT REMARKS: Attended 1400-0600Z†. Fuel avbl 1500-0400Z†.

Numerous flocks of birds on and in/ov arpt. Be alert to farm eqpt opr near all rwy and twys. Noise sensitive area all quadrants. For NS

ABTMT procedures info ctc Arpt NS ABTMT 310-784-7950 or

122.9. Certain turbojet acct permanently excluded. Touch and go ldg and stop and go ldg and low apch ops ltd to 1600-0400Z† (taxi-back until 0600Z†) wkdays and 1800-0100Z† Sat. No touch and go ldg

and stop and go ldg and low apch ops and taxi-back ops on Sun and hol. Arpt CLOSED to depe 0600-1500Z† wkdays and 0600-1600Z†

wkends and hol. No multi-engine simulated engine-out procedures

authorized in tfc pat. Twys cross apch zone both ends Rwy 11R-29L observe taxi hold lines.

AIRPORT MANAGER: 310-784-7914

WEATHER DATA SOURCES: LAWRS.

COMMUNICATIONS: CTAF 124.0 ATIS 125.6 310-534-2847 **UNICOM** 122.95

TOWER 133.075 (North) 124.0 (South) (1500-0400Z†) **GND CON** 120.9 **CLNC DEL** For clnc del when twr clsd call SOCAL
Apch 800-448-3724

Ⓡ **SOCAL APP CON** 124.3 (Rwy 11L and Rwy 11R) 127.2 (Rwy 29R and Rwy 29L)
134.9 (Rwy 29R and Rwy 29L)

Ⓡ **SOCAL DEP CON** 124.3 (Rwy 29R and Rwy 29L) 127.2 (Rwy 11L and Rwy 11R)
134.9 (Rwy 29R and Rwy 29L)

AIRSPACE: CLASS D svc 1500-0400Z† other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE LAX.

LOS ANGELES (H) VORTACW 113.6 LAX Chan 83 N33°55.99' W118°25.92' 134° 9.0 NM to fld. 185/15E.

VOR portion unusable:

270°-277° byd 25 NM blo 8,000'

277°-300° byd 10 NM blo 8,000'

277°-300° byd 28 NM blo 12,000'

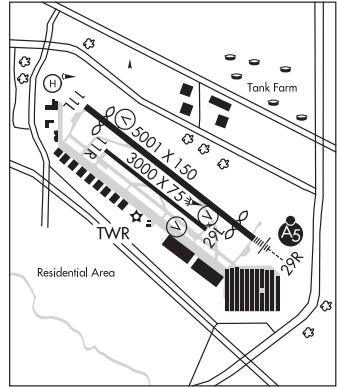
175°-205° byd 10 NM blo 3,000'

ILS/DME 111.9 I-TOA Chan 56 Rwy 29R.

COMM/NAV/WEATHER REMARKS: Twr sectorization is based on ctr of arpt parallel to Rwy 11-29 cntrln.

HELIPAD H1: H110X110 (ASPH) PERIMETER LGTS

HELIPORT REMARKS: Helipad H2 yellow perimeter lgts. ACTIVATE H1 perimeter lgts 24 hrs—CTAF.



TRACY

NEW JERUSALEM (1Q4) 7 SE UTC-8(-7DT) N37°40.67' W121°18.07'

SAN FRANCISCO

62 TPA—862(800) NOTAM FILE RIU

L-2F, 3B

RWY 12-30: H3530X60 (ASPH)

AIRPORT REMARKS: Unattended. Model acct activity on and in/ov abandoned rwy. Aerobatic activity north northeast of arpt and over abandoned parallel Rwy 12-30 from surface to 4,000' MSL. Parallel twy rough/uneven sfc from extensive asph repair and patching. Ngt opr prohibited. Rwy 12-30 12,500 lbs gross pavement strength provided by arpt management.

AIRPORT MANAGER: (209) 831-6204

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE MOD.

MODESTO (H) VOR/DME 114.6 MOD Chan 93 N37°37.64' W120°57.47' 264° 16.6 NM to fld. 93/17E.

Aerobatic acct wi an area defined as .5 NM rds of MOD 032028 (7.5 NM SW 022), blo 4800', avoidance advised dly SR-SS

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc Norcal Apch at 916-361-0516.

TRACY MUNI (TCY)(KTCY) 3 SW UTC-8(-7DT) N37°41.33' W121°26.49'

SAN FRANCISCO

193 B TPA—993(800) NOTAM FILE TCY

L-2F, 3B

RWY 12-30: H4001X75 (ASPH) S-50, D-70, 2S-89, 2D-120 MIRL

IAP

0.3% up SE

RWY 12: REIL. PAPI(P2L)—GA 3.0° TCH 41'. Bldg.

RWY 30: REIL. Thld dsplcd 261'. Road.

RWY 08-26: H3438X75 (ASPH) S-50, D-70, 2S-89, 2D-120 MIRL

0.5% up W

RWY 08: REIL. PAPI(P2L)—GA 3.4° TCH 24'. Fence.

RWY 26: REIL. PAPI(P2L)—GA 3.0° TCH 21'. Road.

SERVICE: S4 FUEL 100LL, JET A OX 2, 4 LGT ACTIVATE REIL Rwy 08, Rwy 26, Rwy 12 and Rwy 30; PAPI Rwy 08 and Rwy 26; MIRL Rwy 08-26 and Rwy 12-30 —CTAF.

AIRPORT REMARKS: Attended 1600-0200Z±. Balloon and paraplane activity on the arpt. Two 150' power plant stacks approximately 3 NM NW of arpt. Watch for psbl turb. Aerobatic area adjacent within 1 statute mile radius from 500 AGL-3000 MSL SR-SS.

AIRPORT MANAGER: 209-831-6203

WEATHER DATA SOURCES: AWOS-3 118.375 (209) 831-4335.

COMMUNICATIONS: CTAF/UNICOM 123.075

® NORCAL APP/DEP CON 123.85

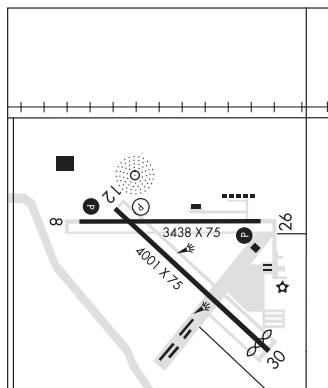
RADIO AIDS TO NAVIGATION: NOTAM FILE MOD.

MODESTO (H) VOR/DME 114.6 MOD Chan 93 N37°37.64' W120°57.47' 262° 23.3 NM to fld. 93/17E.

Aerobatic acft wi an area defined as .5 NM rds of MOD 032028 (7.5 NM SW 022), blo 4800', avoidance advised dly SR-SS

NDB (MHW) 203 TCY N37°41.54' W121°26.68' at fld. 169/15E. NOTAM FILE TCY. unmonitored.

COMM/NAV/WEATHER REMARKS: For clnc del ctc Norcal apch at 916-361-0516.



TRAVIS AFB (SUU)(KSUU) AF 3 E UTC-8(-7DT) N38°15.87' W121°55.45'

63 B TPA—See Remarks AOE NOTAM FILE SUU Not insp.

SAN FRANCISCO

H-3B, L-2F, 3A, A

DIAP, AD

RWY 03L-21R: H11001X150 (PEM) PCN 82 R/C/W/T HIRL

RWY 03L: PAPI(P4L)—GA 2.5° TCH 75'. RVR-T

RWY 21R: PAPI(P4L)—GA 2.8° TCH 75'. RVR-R

RWY 03R-21L: H10995X150 (CONC) PCN 72 R/B/W/T HIRL CL

RWY 03R: PAPI(P4L)—GA 2.5° TCH 69'. RVR-TMR

RWY 21L: ALSF2. TDZL. PAPI(P4L)—GA 2.8° TCH 75'. RVR-TMR

RWY 03Z-21Z: H3500X90 (CONC) PCN 57 R/B/W/T MIRL

SERVICE: S4 **FUEL** 115, JET A++ , B+ **OX** 1, 2 **LGT** PAPI coincidental with ILS GS Rwy 03L vis descent pt for Hgt Gp 4 acft only. PAPI 21R provides proper TCH for Hgt Gp 4 acft only. Rwy 21R thld lgt are gated. Rwy 03L-21R thld and edge lgt are on Step 3 unless req otherwise or unless Step 4 or Step 5 is rqr for wx cond. Aflid has aged lgt sys that may cause unexpected lgt outages; ctc aflid mgmt via ptd or ntfy twr immed if outages ident. **MILITARY—** JASU 1(MA-1) 6(MA-1A) 1(MC-1A) 1(MC-2A) 8(A/M32A-86) 1(707 Starting unit) **FUEL** A++ **FLUID** W SP PRESAIR LHOX LOX OIL O-128-133-148-156 **TRAN ALERT** Svc H24. Exp extv svc delay weekend and hol. Tran acft, exc AMC msn, ctc Comd Post not later than 15 min out for svc req. Fleet svc avbl. Trans acft req IFR and/or VFR transition, ctc Current Ops for sched/apvl DSN 837-2381/7597 no later than 0600Z duty day prior.

MILITARY REMARKS: See FLIP AP/1 Supplementary Arpt Remark. Heavy concentration of blackbirds, gulls, and other migratory birds in the apch and dep routes and along inflid areas from 1 Sep-30 Apr (Phase II). **RSTD** Max performance climbs are prohibited for high performance acft. When Rwy 03L-21R not avbl, aircrew should req 15 min early engine start for rqr back taxi opr. B52 acft taxi opr ltd to Twys G, N only. C-5 ops not permitted on Twys K and L NW of Twy N. Acft larger than C17, tow only on Twy L. 180° turn rstd to end of rwy/thld areas. Tran acft rwy IFR and/or VFR transition, ctc current ops for schedule/apvl DSN 837-2381/7597 no later than 2200Z duty day prior. Due to prk apron const all tran acft (non-base assigned acft) to incl AMC, AMC contract msn, AMD, and TACC rqr aflid, mgmt issued PPR before arr for trkg and ramp avbl at DSN 837-2836/C707-424-2836 no earlier than 48 hrs prior to acft arr (no exceptions). Note: Acft carrying DV's emerg air vac, and spl air msm (SAM) rqr PPR for command post notification and trkg purposes. Due to degraded pavement aflid mgmt has rstd small acft and ftr-type acft fr utilizing Rwy 03L-21R (low apch only). **CAUTION** Rwy 3L ovrn 150'. Tkf obstacles Rwy 3L: 122' MSL (58' AGL) parked KC10 tails 966' to 1870' from dep end of rwy, 738' to 958' left of cntrln. Extreme bright lgt on ramp lctd west side of arpt can cause haz illusions and disorientation dur dep/lgd. RVR unavbl for apch and Rwy 21R/dep end Rwy 3L. Rwy edge lghts for both rwys lctd more than 10' from edge of usable rwy sfc. Rwy 03L-21R and Rwy 03R-21L edge lghts have gaps of more than 400' on the apch/dep end of rwys. Rwy edge lghts for Rwy 03L-21R are lctd more than 10' from the edge of the usable rwy sfc. Extv lgt acft ops. Possible radio freq interference all freqs 9 NM NE over Navy transmit. Exp wind shear blo 2000' on apch to all rwys. Heavy C5 jet tfc in immediate vicinity. High density VFR tfc cross final apch and dep course. Arr acft exp heavy jet acft cross rwy to parallel twy. Breaking action on rwy and twy may be impaired due to heavy rubber deposits. Avoid overfl of firing range lctd 550' rgt of cntrln and 1 NM prior to AER 21R when red bcn is on or red flag is displayed. Twy N may be tmpy clsd without ntc south of the 900 ramp due to C-17 combat off-load/STAR trng. Outboard engines rstd to idle only on Twy A, Twy B, Twy D, and Twy M, Rwy 03L-21R , Rwy 03R-21L for B747 acft and sev. Sev ponding near Twy M, and on N and S sides of Rwy 03R-21L; incrs BASH act. C17 offloads prohibited on Twy D east of Rwy 03R-21L. Outboard engines of 4 engine acft rstd to idle power on Twys G and H between Rwys 03L-21R and 03R-21L due to FOD issues. If unable to opr outboard engines at idle due to loads or acft restriction, ctc ATCT for sweeper coordination. **TFC PAT** TPA—Rectangular 1601(1538), overhead 2101(2038). **CSTMS/AG/IMG** Due to ltd cstms, PN/coord rqr for arr outside of nml workday hrs. For ngt, Sat, Sun, and hol arr 1 hr PPR. Msn coord thru Travis Comd Post at DSN 837-5517 or C707-424-5517.

MISC Ctc Aflid Mgmt OPS for cur Bird Watch cond. BASH Phase II is typically Sep-Apr and implemented via NOTAM. See AP1 for further info. All acft carrying DV will notify Comd Post no later than 24 hr prior with arr time and rqr at DSN 837-5517 or C707-424-5517. Acft with DV code 7 or abv and all inbd pax/cargo acft must ctc Comd Post 30 min prior to ldg and confirm block time. Base OPS DSN 837-2836, C707-424-2836. First 2175' Rwy 03R and first 1000' Rwy 21L conc 75' keel section is conc remaining width is reinforced asph. 38' on either side of keel, ungrvd asph 25' are not stressed and not marked as deceptive. Travis crash fire response (CFR) is an acft rescue and added fire fighting (ARFF) Cat 6 with 12,900 gallons of capability. The steady ARFF cond for Travis AFB is Optimum Level of Service (OLS) for Categories 1-6. Backing ops prohibited on spots 511 thru 515. Shoulders are non-load sfc. Rwy 21L-03R grooved 148' entire rwy. Rwy 03R-21L grvd 148' entire rwy. First 1000' Rwy 21R and first 2900' Rwy 03L conc, mid 7100' asph. Rwy 21R grvd btn 10,000' and 7,750' remaining and btn 4,800' and 1,100' remaining. Rwy 03L grvd btn 9900' and 6200' remaining and btn 3250' and 1000' remaining. Ldg zone 80' grvd 90' entire length. Rwy 03L-21R pavement sfc degraded, aircrews should exercise caution when standing water is present, exp reduced braking performance, or possible hydroplaning. David Grant Medical Ctr helipad lctd 30°16.12' N, 121°58.12' W, elevation 59'. Helipad not visible from twr. Helipad equipped with PCL (VHF 120.75). Ldg/departing will be at your own risk. Ramp 900 ramp B747's and C5's on spot 902 will offset 5 ft NW of existing taxi line due to wingtip clnc.

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AIRPORT MANAGER: 707-424-2836

COMMUNICATIONS: D-ATIS 135.55 292.125 DSN 387-2847 PTD 342.5

Ⓡ **APP CON** 119.9 322.325 (S) 126.6 281.45 (N)

TOWER 120.75 239.05 254.4 **GND CON** 121.8 289.4 **CLNC DEL** 127.55 335.8

Ⓡ **DEP CON** 119.9 126.6 281.45 322.325 (S) 306.9 (N)

COMD POST 141.9 349.4 (VHF freq unsvcd) **PMSV METRO** 271.1 Wx svc avbl 24 hr at DSN 837-3003/5549, C707-424-3003/5549. AN/FMQ-19 automated observing system in use, augmented by human obsn when nec. During wx flt closure or evac, remote briefing svc avbl from 25 op wx squadron DSN 228-6598/6599/6588, C520-228-6598/6599/6588. When auto obsn system inop, obst at 350°-020° and 210°-280° may impact derived prevailing visibility. RVR information not avbl Rwy 21R apch.

AIRSPACE: CLASS D

RADIO AIDS TO NAVIGATION: NOTAM FILE SUU.

(L) **TACAN** Chan 113 SUU (116.6) N38°14.73' W121°56.70' 024° 1.5 NM to fld. 31/17E.

TACAN AZIMUTH unusable:

295°-311° byd 27 NM blo 10,000'

No NOTAM MP: 1200-1500Z† Mon-Fri (1500/3+1)

DME unusable:

264°-273° byd 30 NM blo 8,000'

295°-311° byd 27 NM blo 10,000'

ILS 108.35 I-TXV Rwy 03L. Class IE.

ILS 110.1 I-SUU Rwy 21L. No NOTAM MP 1200-1500Z† Mon-Fri (1,500/3+1).

COMM/NAV/WEATHER REMARKS: ILS Rwy 21L (CAT II) special aircrew and acft certification rqr. Missed apch at inner marker if acft not radar altimeter equipped. Radar coverage ltd in area bounded by SUU075/004, SUU115/013, SUU157/011, SUU185/003. Tfc advisories may not be avbl for non-transponder eqpt acft. Obst may impact prevailing visibility 350°-020° and 210°-280°. ATC will enhance sfc obst when twr visibility is less than 45 SM and different than reported visibility. Dur evacuation of Combat Weather Team (CWT), ctc 25OWS (Operational Weather Team) at number below if unable to reach CWT at DSN 837-7241 C707-424-7241. Alternate WX location visibility severely ltd due to trees, bldgs and parked acft. ATC will supplement sfc obst as needed. KSUU Metro opr continuous. Tran briefing svc avbl 25 OWS DSN 228-6598 C520-228-6598.

TRINITY CENTER (086) 0 E UTC-8(-7DT) N40°58.97' W122°41.62'

2390 TPA-3190(800) NOTAM FILE RIU

RWY 14-32: H3215X50 (ASPH) S-10

RWY 14: Thld dsplcd 200'.

RWY 32: Thld dsplcd 200'. Rgt tfc.

AIRPORT REMARKS: Unattended. Arpt clsd ngt. Be alert to deer on rwy. Geese on and invof arpt. Calm wind Rwy 14. Intermittently clsd winters due to snow. Ctc county transportation office for information 530-623-1365. High terrain all quadrants. Noise abatement procedures in effect W and NW of arpt. Trees/homes west side of arpt.

AIRPORT MANAGER: 530-623-1365

WEATHER DATA SOURCES: AWOS-3 134.300 (530) 266-3220.

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE RIU.

FORT JONES (L) VOR/DME 109.6 FJS Chan 33 N41°26.98'

W122°48.39' 151° 28.5 NM to fld. 4900/19E. **HIWAS.**

VOR unusable:

080°-135° byd 19 NM

080°-135° byd 9 NM blo 13,000'

190°-300° byd 19 NM

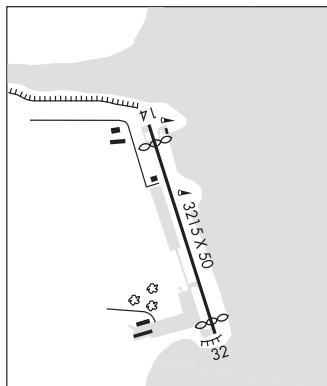
200°-300° byd 8 NM blo 14,000'

DME unusable:

190°-275° byd 19 NM blo 16,000'

KLAMATH FALLS

L-2H



TRONA (L72) 4 N UTC-8(-7DT) N35°48.76' W117°19.62'
 1718 B TPA-2718(1000) NOTAM FILE RAL
RWY 17-35: H5910X60 (ASPH) LIRL(NSTD) 1.2% up N
RWY 17: Fence.

LAS VEGAS
 H-41, L-7C

SERVICE: LGT Rwy 17-35 NSTD LIRL edge lgts 55' from edges of rwy. ACTIVATE LIRL Rwy 17-35 5 clicks on frequency-122.8.

AIRPORT REMARKS: Attended irregularly.

AIRPORT MANAGER: (928) 592-3427

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE EDW.

EDWARDS (T) VORTAC 116.4 EDW Chan 111 N34°58.94' W117°43.96' 007° 53.6 NM to fld. 2378/15E.

TACAN AZIMUTH unusable:

095°-115° byd 15 NM blo 2,600'

DME unusable:

095°-115° byd 15 NM blo 2,600'

HELIPAD H1: H52X52 (ASPH)

HELIPORT REMARKS: Helipad H1 is located 230' west of Rwy 17-35 and 3,380' south of Rwy 17 thld.

TRUCKEE-TAHOE (TRK)(KTRK) 2 E UTC-8(-7DT) N39°19.20' W120°08.37'
 5901 B TPA-7001(1100) NOTAM FILE TRK
RWY 11-29: H7000X100 (ASPH-GRVD) S-50, D-80, 2S-127 MIRL
RWY 11: REIL.

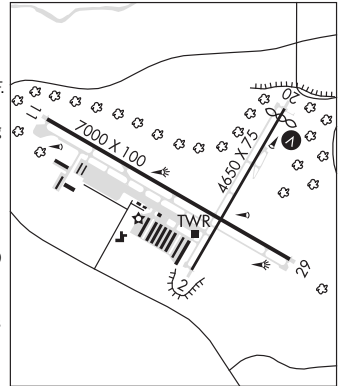
SAN FRANCISCO
 H-38, L-9A
 IAP, AD

RWY 02-20: H4650X75 (ASPH) S-35, D-50 MIRL

RWY 20: VASI(V2L)-GA 3.5° TCH 30'. Thld displcd 115'. Rgt tfc.

SERVICE: S4 FUEL 100LL, JET A, A1+ LGT When twr clsd ACTIVATE REIL Rwy 11, MIRL Rwy 02-20 and Rwy 11-29; VASI Rwy 20-CTAF.

AIRPORT REMARKS: Attended 1500-0530Z†. Fuel avbl 1500-0300Z† (0600-SS 100LL only). Wildlife on and invof arpt. Glider and skydiving ops northeast of arpt May-Sep. Simultaneous opr on Rwy 11-29 and Rwy 02-20. Summer density altitudes in afternoon frequently exceed 9000'. No de-ice svc avbl indef. Gliders use left tfc Rwy 20. CLOSED to ultralight acft except by prior permission. Acft and helicopter noise abatement rules in effect. Please avoid flight over residential areas, north, west, and south, ctc arpt noise abatement office 530-587-4119 ext 106 for copy of procedures and rules prior to arrival or departure www.truckeeahoeairport.com. Acft capable of opr above 80,000 lbs must submit certificate to arpt manager verifying acft opr weight is less than 80,000 lbs. Voluntary curfew: no engine starts arrival or departures except PPR or lifeguard flights 0600-1500Z†. Preferred calm wind Rwy 02-20. No ASR coverage blo 10,000' over KTRK. Special Hazard: Mountainous terrain surrounds arpt and rwys, expect windshear and downdrafts. Rwy 20 and Rwy 11 distance to go markers installed on left side. Cold temperature rstd arpt. Alt correction required at or blo -13C. NOTE: See Special Notices-Glider/Soaring Activities Around the Reno-Tahoe International Airport. Ldng fee.



AIRPORT MANAGER: 530-587-4119

WEATHER DATA SOURCES: AWOS-3PT 118.0 (530) 587-4599.
COMMUNICATIONS: CTAF 120.575 UNICOM 122.95

® OAKLAND CENTER APP/DEP CON 127.95

TOWER 120.575 (1500-0500Z†) **GND CON** 118.3

AIRSPACE: CLASS D svc 1500-0500Z† other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE TVL.

SQUAW VALLEY (L) VORW/DME 113.2 SWR Chan 79 N39°10.82' W120°16.18' 020° 10.3 NM to fld. 8850/16E.
HIWAS.

TULARE

MEFFORD FLD (TLR)(KTLR) 3 SE UTC-8(-7DT) N36°09.40' W119°19.59'

SAN FRANCISCO

265 B TPA—1265(1000) NOTAM FILE RIU

L-3C, 9A

RWY 13-31: H3901X75 (ASPH) S-12.5 MIRL

IAP

RWY 13: PAPI(P2L)—GA 3.0° TCH 42'. Road.

RWY 31: PAPI(P2L)—GA 3.0° TCH 40'. Fence.

SERVICE: FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 13-31—CTAF.

PAPI 13 oprs continuously. Rwy 13 PAPI unusbl byd 7° right of cntrl.

AIRPORT REMARKS: Attended 1600Z‡-dusk.

AIRPORT MANAGER: 559-684-4287

WEATHER DATA SOURCES: AWOS-3PT 120.0 (559) 686-2613.

COMMUNICATIONS: CTAF/UNICOM 122.7

® **FRESNO APP/DEP CON** 118.5

RADIO AIDS TO NAVIGATION: NOTAM FILE VIS.

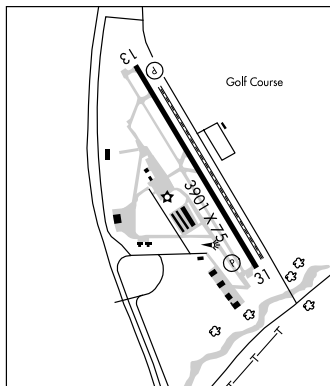
VISALIA (T) VOR/DME 109.4 VIS Chan 31 N36°22.04'

W119°28.93' 133° 14.7 NM to fld. 259/16E.

COMM/NAV/WEATHER REMARKS: Communication with Fresno App unavailable

blo 1,000' communication through Rancho Murieta FSS

1-800-992-7433.



TULELAKE MUNI (O81) 7 SE UTC-8(-7DT) N41°53.44' W121°21.64'

KLAMATH FALLS

4044 B TPA—4844(800) NOTAM FILE RIU

L-21, 11A

RWY 11-29: H3577X44 (ASPH) S-12.5 MIRL

RWY 11: Road.

RWY 29: Rgt tfc.

SERVICE: S2 FUEL 100LL LGT ACTIVATE MIRL Rwy 11-29—122.8.

AIRPORT REMARKS: Attended Jun-Aug 1400-0100Z‡, Sept-May Mon-Fri

1600-0100Z‡. Sep-May Sat-Sun on call. For fuel call

530-664-2661.

AIRPORT MANAGER: (530) 233-6416

COMMUNICATIONS: CTAF 122.9

KLAMATH FALLS RCO 122.6 (MC MINNVILLE RADIO)

RADIO AIDS TO NAVIGATION: NOTAM FILE LMT.

KLAMATH FALLS (H) VORTACW 115.9 LMT Chan 106 N42°09.19'

W121°43.65' 117° 22.7 NM to fld. 4092/17E. **HIWAS.**

VOR portion unusable:

050°-060° byd 30 NM blo 12,000'

060°-120° byd 25 NM blo 12,000'

170°-195° byd 20 NM

210°-245° byd 25 NM blo 12,000'

270°-280° byd 20 NM

320°-050° byd 23 NM blo 12,000'

320°-050° byd 30 NM

TACAN AZIMUTH & DME portion unusable:

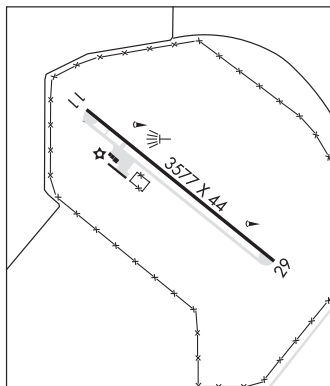
105°-125° byd 7 NM blo 12,000'

153°-195° byd 20 NM blo 11,000'

210°-305° byd 25 NM blo 10,500'

320°-105° byd 13 NM blo 13,000'

320°-125° byd 20 NM



TULE N35°54.78' W119°01.25' NOTAM FILE PTV.

SAN FRANCISCO

(L) **VOR/DME** 109.2 TTE Chan 29 328° 7.3 NM to Porterville Muni. 580/16E.

H-4I, L-3D, 7B

RCO 122.1R 109.2T (RANCHO MURIETA RADIO)

TURLOCK MUNI (O15) 8 E UTC-8(-7DT) N37°29.04' W120°41.84'

SAN FRANCISCO

161 B TPA-961(800) NOTAM FILE RIU

RWY 12-30: H2985X50 (ASPH) S-12 LIRL(NSTD)

RWY 12: Pole.

SERVICE: FUEL 100LL LGT Rwy 12-30 NSTD LIRL, lgts 20' from rwy edge. ACTIVATE LIRL Rwy 12-30 —CTAF.**AIRPORT REMARKS:** Unattended. Fuel avbl 24 hrs self serve credit card.**AIRPORT MANAGER:** (209) 668-5599**COMMUNICATIONS:** CTAF/UNICOM 122.8**COMM/NAV/WEATHER REMARKS:** For clnc del ctc Norcal apch at 916-361-0516.

TUSI AHP (HUNTER LIGGETT) HELIPORT (HGT)(KHGT) A 3 NW UTC-8(-7DT) N35°59.61'

LOS ANGELES

W121°14.20'

1017 B NOTAM FILE OAK Not insp.

L-3C

HELIPAD 14-32: H570X50 (CONC) MIRL

DIAP

SERVICE: MILITARY— FUEL Avbl 1600-0000Z± Mon-Fri exc hol. PPR DSN 686-2403/2503. J8.**MILITARY REMARKS:** RSTD CLOSED to fixed wing acft. 24 hr PPR all acft. Ctc Range Con DSN 686-2403/2503,C831-386-2403/2503 for entry approval of Hunter Liggett Reservation. **CAUTION** Parking ramp/twy less than minimum clearance, exercise extreme caution, acft parked within 150' of centerline. **NS ABTMT** Procedure (remain 1000' AGL) in effect outside of Ft. Hunter Liggett boundary. Acft remain clear of cantonment area, lakes and reservoirs. **MISC** Tactical fixed wing airstrip (Schoonover Landing Zone) avbl for C-130 and OV-10 mil fixed wing acft only, 2 1/4 NM SE of main heliport. Fuel unavbl at Schoonover Landing Zone.**COMMUNICATIONS:**

① OAKLAND CENTER APP/DEP CON 128.7 307.0

RANGE CON OPS 126.2 229.5 41.05 (All acft ctc for advisory upon entering reservation.)

RADIO AIDS TO NAVIGATION: NOTAM FILE OAK.**BIG SUR (L) VORTACW** 114.0 BSR Chan 87 N36°10.88' W121°38.53' 104° 22.7 NM to fld. 4080/16E.

DME portion unusable:

320°-085° byd 35 NM blo 9,000'

TWENTYNINE PALMS (TNP)(KTNP) 6 E UTC-8(-7DT) N34°07.90' W115°56.75'

LOS ANGELES

1888 B TPA-2888(1000) NOTAM FILE RAL

H-41, L-41

RWY 08-26: H5531X75 (ASPH) MIRL 1.6% up W

IAP, DIAP

RWY 08: REIL. PAPI(P2L)—GA 3.0° TCH 40'. P-line.

RWY 26: REIL. PAPI(P2L)—GA 3.0° TCH 40'.

RWY 17-35: H3797X50 (ASPH) MIRL 0.9% up S

RWY 17: P-line.

RWY 35: Hill.

SERVICE: S2 **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 08-26 and Rwy 17-35, REIL Rwy 08 and 26—CTAF. Twy lgts on twy connecting Rwy 08-26 and Rwy 17-35, plus blue reflectors on parallel twy serving Rwy 17-35.

AIRPORT REMARKS: Unattended. Be alert for acrobatic activity south of Rwy 17-35.

AIRPORT MANAGER: 760-247-2371

COMMUNICATIONS: CTAF/AUNICOM 122.8

RCO 122.1R 114.2T (RIVERSIDE RADIO)

L.A. CENTER APP/DEP CON 128.15

RADIO AIDS TO NAVIGATION: NOTAM FILE RAL.

(L) VORTAC 114.2 TNP Chan 89 N34°06.73'

W115°46.19' 263° 8.8 NM to fld. 1374/15E.

VOR unusable:

005°-035° byd 18 NM blo 6,800'

035°-065° byd 25 NM blo 6,000'

080°-095° byd 30 NM blo 6,000'

095°-150° byd 18 NM blo 6,000'

151°-170° byd 20 NM blo 7,000'

170°-190° byd 25 NM blo 9,000'

190°-245° byd 20 NM blo 7,000'

245°-260° byd 25 NM blo 7,500'

315°-330° byd 33 NM blo 6,200'

330°-345° byd 20 NM blo 6,200'

345°-005° byd 35 NM blo 8,300'

TAC AZM unusable:

005°-035° byd 18 NM blo 6,800'

035°-065° byd 25 NM blo 6,000'

080°-095° byd 30 NM blo 6,000'

095°-150° byd 18 NM blo 6,000'

150°-170° byd 20 NM blo 7,000'

170°-190° byd 25 NM blo 9,000'

190°-205° byd 20 NM blo 7,000'

205°-265°

315°-330° byd 33 NM blo 6,200'

330°-345° byd 20 NM blo 6,200'

345°-005° byd 35 NM blo 8,300'

DME unusable:

005°-035° byd 18 NM blo 6,800'

035°-065° byd 25 NM blo 6,000'

080°-095° byd 30 NM blo 6,000'

095°-150° byd 18 NM blo 6,000'

150°-170° byd 20 NM blo 7,000'

170°-190° byd 25 NM blo 9,000'

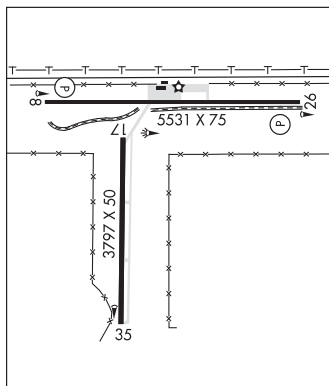
190°-245° byd 20 NM blo 7,000'

245°-260° byd 25 NM blo 7,500'

315°-330° byd 33 NM blo 6,200'

330°-345° byd 20 NM blo 6,200'

345°-005° byd 35 NM blo 8,300'



TWENTYNINE PALMS SELF (NXP)(KNXP) MC 9 NW UTC-8(-7DT) N34°17.77' W116°09.73' **LOS ANGELES**
 2051 B NOTAM FILE RAL Not insp. **H-41, L-41, 7D**
RWY 10-28: 8015X150 (PSP) S-80, D-180, 2D-320, 2D/2D2-850 HIRL **AD**
RWY 10: SALSF. OLS. Rgt tfc. 0.4% down.
RWY 28: SALSF. OLS.

SERVICE: **LGT** All lgt by prior apvl. **MILITARY— A-GEAR** Rwy 10, HOOK M31(B) (1987 '); Rwy 28, HOOK M31(B) (1565 ') ctc twr for arrestment, exp 5 min delay. **FUEL** A, A+ (C334-983-4541) (NC 100LL). Qualified acft captain/crew chief must be provided by user to refuel acft. **J8 TRAN ALERT** No AMC fleet svc avbl. All VIP acft ctc afld OPS for PPR 24 hr prior to arr.

MILITARY REMARKS: Opr hrs in accordance with public NOTAMS for exer support and PPRs only. Clsd Sat, Sun. See FLIP AP/1, Supplementary Arpt Remarks. **RSTD** CLOSED fld ops permitted by PN apvl exc MCAGCC (Marine Corps Air Ground Combat Center) SAR acft only. PPR rqrd for Fuel, VIP/pax movement, practice arrestments, and ngt vision devices trng. Opr outside public hrs permitted by 24 hr PPR, 72 hr PPR for Sat, Sun opr. Base OPS DSN 230-7815, C760-830-7815. Austere/desert trng environment primarily for support of CAX. Variable hr yr round as req by CAX Command Element. If Twentynine Palms SELF is final destination, ensure NXP is filed, not TNP. 500X490 AM-2 matting on west end fixed wing ramp. **CAUTION** Helicopter LZ (HLZ) White Rhino (unmanned air vehicle strip 2000' x 72') South of and parallel to Rwy 28 is primarily for tenant Unmanned Aircraft System (UAS) support, rstd to unmanned acft sys and copter ops only; no tiltrotor ops authorized. Marked with 72' x 72' Helo Spots on east and west end. 17' AGL hangar lctd 120' south of ldg zone cntrln. Rws have AM-2 rwy sfc matting. This is fabricated aluminum panel 1.5 inches thick, which consists of hollow, extruded one-piece main section with extruded end connectors welded to each end. The top sfc of the AM-2 matting is coated with a non-skid material. Weight bearing characteristics are correctly noted by the avbl rwy code above TRT-520. **TFC PAT** All tfc pat south of rwy due to live fire range immediately north of SELF. Remain on or south of extdd cntrln on final apch. VFR fixed wing to Rwy 28 maintain at or abv 4100' MSL until NXP 5 DME. VFR fixed wing dep Rwy 10 cross NXP 5 DME at or abv 4100' MSL or rgt turn to BANDINI (Water Treatment Facility 6 NM SE). UAS opr within Class D rstd to Restricted Operating Zone (ROZ) DRAGON and SELF/HLZ White Rhono via established crs rules.

COMMUNICATIONS: ATIS 256.35

TOWER 135.525 340.2 (1700-0600Z± Mon-Thu, 1700-0000Z± Fri) **GND CON** 363.35 41.7

PMSV METRO 308.3

AIRSPACE: CLASS D svc opr hrs iaw publ NOTAMS for exer spt and pprs only other times CLASS G.

CONTINUED ON NEXT PAGE

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RADIO AIDS TO NAVIGATION: NOTAM FILE RAL.

(L) VORTAC 114.2 TNP Chan 89 N34°06.73' W115°46.19' 285° 22.4 NM to fld. 1374/15E.

VOR unusable:

005°-035° byd 18 NM blo 6,800'
 035°-065° byd 25 NM blo 6,000'
 080°-095° byd 30 NM blo 6,000'
 095°-150° byd 18 NM blo 6,000'
 151°-170° byd 20 NM blo 7,000'
 170°-190° byd 25 NM blo 9,000'
 190°-245° byd 20 NM blo 7,000'
 245°-260° byd 25 NM blo 7,500'
 315°-330° byd 33 NM blo 6,200'
 330°-345° byd 20 NM blo 6,200'
 345°-005° byd 35 NM blo 8,300'

TAC AZM unusable:

005°-035° byd 18 NM blo 6,800'
 035°-065° byd 25 NM blo 6,000'
 080°-095° byd 30 NM blo 6,000'
 095°-150° byd 18 NM blo 6,000'
 150°-170° byd 20 NM blo 7,000'
 170°-190° byd 25 NM blo 9,000'
 190°-205° byd 20 NM blo 7,000'
 205°-265°
 315°-330° byd 33 NM blo 6,200'
 330°-345° byd 20 NM blo 6,200'
 345°-005° byd 35 NM blo 8,300'

DME unusable:

005°-035° byd 18 NM blo 6,800'
 035°-065° byd 25 NM blo 6,000'
 080°-095° byd 30 NM blo 6,000'
 095°-150° byd 18 NM blo 6,000'
 150°-170° byd 20 NM blo 7,000'
 170°-190° byd 25 NM blo 9,000'
 190°-245° byd 20 NM blo 7,000'
 245°-260° byd 25 NM blo 7,500'
 315°-330° byd 33 NM blo 6,200'
 330°-345° byd 20 NM blo 6,200'
 345°-005° byd 35 NM blo 8,300'

COYOTE (H) TACAN Chan 63 NXP (133.6) N34°17.80' W116°09.44' at fld. 2006/14E.

TACAN AZIMUTH & DME unusable:

020°-070° byd 16 NM blo 7,500'
 130°-170° byd 16 NM blo 15,000'
 290°-090° byd 21 NM blo 15,000'

UKIAH N39°07.81' W123°04.63'
RCO 122.35 (OAKLAND RADIO)

SAN FRANCISCO
H-3B, L-2G

UKIAH MUNI (UKI)(KUKI) 1 S UTC-8(-7DT) N39°07.56' W123°12.05'
 617 B TPA—1617(1000) NOTAM FILE UKI
RWY 15-33: H4423X150 (ASPH) S-28 MIRL 0.3% up N

SAN FRANCISCO
 L-2G
 IAP

RWY 15: REIL. VASI(V4L)—GA 3.0° TCH 27'. Trees.
RWY 33: REIL. Trees. Rgt tfc.

SERVICE: S4 **FUEL** 100LL, JET A **OX 1** **LGT** ACTIVATE MIRL Rwy 15-33, REIL and VASI Rwy 15, REIL Rwy 33—CTAF.

AIRPORT REMARKS: Attended 1600Z†-dusk. No jet acft dep 0600-1500Z†.
 For noise abatement calm wind rwy is Rwy 15. Arpt manager requests no VFR straight in apchs to Rwy 15-33 right turn after departure Rwy 33 to avoid overflight of town. Second rotating bcn on mountain 250° and 2 miles from arpt. Ldg fee for all acft over 12,500 lbs.

AIRPORT MANAGER: 707-467-2855

WEATHER DATA SOURCES: ASOS 119.275 (707) 462-7343.

COMMUNICATIONS: CTAF/UNICOM 123.0

RCO 122.35 (OAKLAND RADIO)
OAKLAND CENTER APP/DEP CON 127.8

AIRSPACE: CLASS E

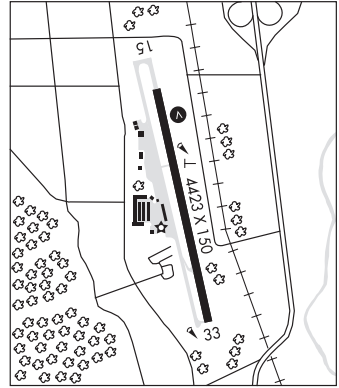
RADIO AIDS TO NAVIGATION: NOTAM FILE UKI.

MENDOCINO (H) VORTACW 112.3 ENI Chan 70 N39°03.19' W123°16.46' 022° 5.5 NM to fld. 2985/16E. **HIWAS.**

KEARN NDB (LOM) 371 UK N39°16.55' W123°14.44'

151° 9.2 NM to fld. Outer marker component status: OM OTS permy SHUTDOWN.

LOC/DME 109.1 I-UKI Chan 28 Rwy 15. LOM KEARN NDB. Outer marker component status: OM OTS permy unmonitored. LOC unusable byd 25° rgt of course.



UNIVERSITY (See DAVIS on page 114)

UPLAND

CABLE (CCB)(KCCB) 2 NW UTC-8(-7DT) N34°06.70' W117°41.24'
 1444 B TPA—2244(800) NOTAM FILE RAL

LOS ANGELES
 COPTER
 L-3E, 4H, 7C, A
 IAP

RWY 06-24: H3863X75 (ASPH) S-20 MIRL 1.3% up NE
RWY 06: VASI(V2L)—GA 4.0° TCH 34'. Thld dspcd 106'.
RWY 24: VASI(V2R)—GA 4.0° TCH 24'. Thld dspcd 157'. Road.

SERVICE: S4 **FUEL** 100LL, JET A **OX 1, 2, 3, 4** **LGT** Rwy 24 VASI unusable byd 5° right and 9° left of centerline. MIRL Rwy 06-24 presnt on low ints dusk to 0600Z†, after 0600Z† ACTIVATE—CTAF.

AIRPORT REMARKS: Attended dalgt hrs. Fuel self svc 24 hrs. Rwy 06-24 gross pavement strength provided by arpt operator 12,500 pounds.

AIRPORT MANAGER: 909-982-6021

WEATHER DATA SOURCES: AWOS-3P 119.525 (909) 985-4731.

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ **SOCAL APP/DEP CON** 125.5

CLNC DEL For clnc del call SOCAL APP 800-448-3724.

RADIO AIDS TO NAVIGATION: NOTAM FILE POC.

POMONA (L) VORTACW 110.4 POM Chan 41 N34°04.70' W117°47.22' 053° 5.4 NM to fld. 1266/15E.

VORTAC unusable:

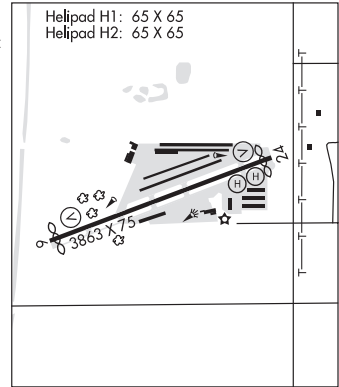
300°-045° byd 20 NM

VOR portion unusable:

280°-300° byd 20 NM blo 13,000'

TACAN AZIMUTH unusable:

280°-300° byd 20 NM blo 14,000'



HELIPAD H1: H65X65 (ASPH) PERIMETER LGTS

HELIPAD H2: H65X65 (ASPH-CONC)

HELIPORT REMARKS: ACTIVATE Rwy H1 perimeter lgts—CTAF.

UPPER LAKE**GRAVELLY VALLEY** (1Q5) 17 N UTC-8(-7DT) N39°27.04' W122°57.28'

SAN FRANCISCO

1900 TPA—2700(800) NOTAM FILE OAK

RWY 01-19: 4050X200 (GRVL) S-12.5**RWY 01:** Trees.**RWY 19:** Hill.

AIRPORT REMARKS: Unattended. Be alert for occasional wildlife on rwy. Hang glider opr particularly summer months. Do not land south of Hull Mountain Road. No ldg on Rwy 19 due to hill northeast of arpt. No txf on Rwy 01 due to hill northeast of arpt. Tall trees on both sides of rwy. Trees penetrate the transitional surface on both sides of the arpt. Rwy 01-19 not regularly maintained, rwy may be rough, uneven and rutted.

AIRPORT MANAGER: 707-275-1401**COMMUNICATIONS:** CTAF 122.9**VACAVILLE****NUT TREE** (VCB)(KVCB) 2 NE UTC-8(-7DT) N38°22.69' W121°57.67'

SAN FRANCISCO

117 B TPA—1117(1000) NOTAM FILE VCB

L-2F, 3A

RWY 02-20: H4700X75 (ASPH) S-30 MIRL

IAP

RWY 02: REIL. PAPI(P2L)—GA 3.75° TCH 27'. Tree.**RWY 20:** REIL. PAPI(P2L)—GA 3.75° TCH 27'. Rgt tfc.

SERVICE: S4 FUEL 100LL, JET A **LGT** After 0600Z‡ ACTIVATE MIRL and parallel twy lghts Rwy 02-20; PAPI and REILs Rwy 02 and Rwy 20—CTAF.

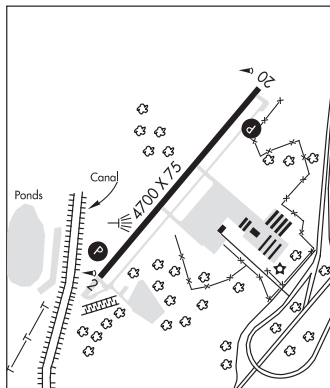
AIRPORT REMARKS: Attended Mon-Fri 1400-0100Z‡. No turns to crosswind below 800' MSL, remain west of interstate highway for Rwy 20, noise sensitive area west of arpt. Rwy 02 calm wind rwy. Twy lghts on parallel twy only.

AIRPORT MANAGER: 707-469-4600**WEATHER DATA SOURCES:** ASOS 134.75 (707) 448-1594.**COMMUNICATIONS:** CTAF/UNICOM 122.7

® TRAVIS APP/DEP CON 128.4

RADIO AIDS TO NAVIGATION: NOTAM FILE SAC.**SACRAMENTO (H) VORTACW** 115.2 SAC Chan 99 N38°26.62'

W121°33.10' 242° 19.7 NM to fld. 3/17E.



VAN NUYS (VNY)(KVNY) P (ANG) 3 NW UTC-8(-7DT) N34°12.59' W118°29.40'
802 B TPA—See Remarks NOTAM FILE VNY

LOS ANGELES

COPTER

RWY 16R-34L: H8001X150 (ASPH) S-90, D-120, 2S-152, 2D-210

H-4I, L-3E, 4G, 7B

HIRL

IAP, AD

RWY 16R: MALSR. VASI(V4L)—GA 3.5° TCH 48'. Thld dsplcd 1432'.

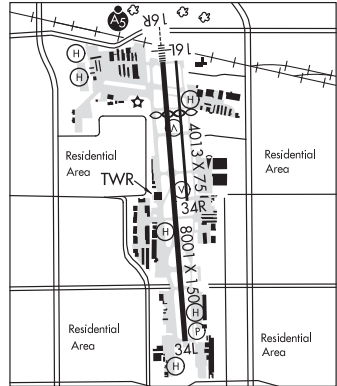
Fence. Rgt tfc. 0.7% down.

RWY 34L: PAPI(P4R)—GA 3.0° TCH 54'. Trees. 0.7% up.

RWY 16L-34R: H4013X75 (ASPH) S-14 MIRL 0.7% up N

RWY 16L: Thld dsplcd 1434'. Railroad.

RWY 34R: VASI(V4L)—GA 3.0° TCH 26'. Rgt tfc.



RUNWAY DECLARED DISTANCE INFORMATION

RWY 16L:TORA-4011 TODA-4011 ASDA-4011 LDA-2580

RWY 16R:TORA-8001 TODA-8001 ASDA-8001 LDA-6570

RWY 34L:TORA-8001 TODA-8001 ASDA-7261 LDA-7261

RWY 34R:TORA-4011 TODA-4011 ASDA-3906 LDA-3906

SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 3 **LGT** When twr clsd

ACTIVATE HIRL Rwy 16R-34L, MALSR Rwy 16R and twy

lghts—CTAF. A2 and A3 have unidirectional centerline lgt.

MILITARY— FUEL A+ (C818-989-2300.) (NC-100LL, A) **FLUID OX.**

AIRPORT REMARKS: Attended continuously. Arpt CLOSED to air carrier ops.

Birds on and in/ov arpt. Bird abatement may occur between rwys

when twr is open. Standing water on rwys during periods of heavy

rainfall. When twr clsd, acft must self announce on freq 119.3 prior

to ldg or departing. Rwy 16R left tfc when ATCT clsd. Rwy 16L-34R CLOSED and unlgtd when twr clsd. Helicopter ctc

twr for apch-dep routes. TPA—2002(1200) Rwy 16R-34L, 1802(1000) Rwy 16L-34R. Extreme noise sensitive area.

Noise Ordinance Curfew: No tkf for acft exceeding 74 DBA (PER AC36-3) between 0600-1500Z†, except military, mercy

flights and law enforcement acft. All jet acft must use full rwy length for departure unless otherwise directed by twr.

Formation arrivals and departures prohibited except for emerg response acft. Taxilane Alpha 4 rstd to acft with wingspan

less than 100' or less. Taxilane A3 westbound taxi only. Taxilane A2 eastbound taxi only. Taxilane A2/A3 have

unidirectional centerline lghts. Turbine power acft rqr to stop and shutdown engines on Taxilane A-4 after clearing Twy

Alpha. Rwy 16L and Rwy 16R no turns before the flood basin, unless directed by twr. Rwy 34L and Rwy 34R no turns

before reaching 1800' MSL unless directed by twr. No acft may arrive or depart the arpt whose AC36-3 tkof noise level

equals or exceeds 77 DBA.

AIRPORT MANAGER: 818-442-6500

WEATHER DATA SOURCES: ASOS (818) 904-9213 LAWRS.

COMMUNICATIONS: CTAF 119.3 ATIS 127.55 818-780-4993 UNICOM 122.95

® **SOCAL APP/DEP CON** 124.6 (S between BUR 150°-VNY 160°), 134.2 (VNY 160°-280°), 120.4 (VNY 280°-BUR 050°), 135.05 (BUR 050°-150°)

TOWER 119.3 (162°-345° and dep Rwy 16R-34L), 120.2 (346°-161° and dep Rwy 16L-34R), 119.0 (helicopters)(1400-0645Z†) **GND CON** 121.7

CLNC DEL 126.6 For clnc del when twr clsd call SOCAL Apch 800-448-3724.

AIRSPACE: CLASS D svc 1400-0645Z† other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE VNY.

(L) **VORW/DME** 113.1 VNY Chan 78 N34°13.41' W118°29.50' at fld. 812/15E.

VOR/DME unusable:

010°-030° byd 20 NM blo 6,700'

030°-050° byd 25 NM blo 8,600'

330°-350° byd 25 NM blo 5,500'

350°-010° byd 15 NM blo 6,100'

DME unusable:

094°-096° byd 35 NM blo 5,000'

ILS 111.3 I-VNY Rwy 16R. Class IA. Unmonitored when ATCT closed.

VANDENBERG AFB (VBG)(KVBG) AF 7 NW UTC-8(-7DT) N34°44.24' W120°35.06'

LOS ANGELES

368 B TPA—See Remarks NOTAM FILE HHR Not insp.

H-4H, L-3D, 4F, 7A

RWY 12-30: H15000X200 (CONC) PCN 53 R/B/W/T HIRL

DIAP, AD

RWY 12: ALSF2. PAPI(P4L)—GA 3.0° TCH 72'.

RWY 30: ALSF2. PAPI(P4L)—GA 3.0° TCH 72'.

SERVICE: S4 **FUEL** 115, **JET B+** **LGT** When twr clsd **ACTIVATE** ALS **Rwy 30**, **SFL Rwy 30**, **PAPI Rwy 12** and **Rwy 30**, **HIRL Rwy 12-30—CTAF**. **Rwy 12** ILS and **PAPI** GS not coincidental. **MILITARY—IASU 4(A/M32A-86) 2(AM32-95) FUEL A++** Fuel svc by truck only. Exp svc delays. **FLUID** SP **PRESAIR** LPOX LOX LHNHT **OIL O-148-156 TRAN ALERT** Ltd fleet svc avbl, ctc AM OPS. Potable water svc unavbl. Tow capability avbl for C-130 and smaller acft. Ltd tow capability for KC-135; ctc afld managment for specifics. All other acft tow capabiilty unavailable.

MILITARY REMARKS: Opr 1600-0100Z±, CLOSED Sat, Sun and holidays. See FLIP AP/1 Supplementary Arpt Info. Space Launch Activity Area—See Special Notices. **RSTD** Activation of AN/APS 145 radar or similar radar systems is prohibited while in R2516, R2517, R2534A and R2534B. Ctc twr on Gnd Con prior to engine start, engine start or afld opr not auth until ctc with twr is made. No intersection departure between official SS-SR. PPR rqr for all transient full stop acft. PPR at least 24 hr in advance, but no earlier than 5 days in advance. Send email to 300SS_OSAA-AIRFIE@US.AF.MIL for PPR req form. AM OPS DSN 276-6941 or C805-606-6941/6942. **CAUTION** Uncontrolled civilian arpt tfc 7 NM SE. When arpt is VMC acft will not exceed 1900' until crossing dep end of rwy to avoid overhead tfc pat. Heavy and large acft are req to use minimum taxi power and shut down or idle outboard engines to avoid blowing foreign object onto pavement. Use follow-me vehicle and wing walker. **Rwy 30** thld lgt are 17' from usable pavement sfc. **TACAN** ck pt sign lctd at int of Twy A and Twy D is invalid and unuse. **TFC PAT** TPA—Overhead 2400(2032), rectangular 1900(1532). TPA—1400(1032) lgt acft, 900(532) helicopter. **CSTMS/AG/IMG** CONUS outbound the unit of acft/aircrew assigned is responsible. **MISC** All acft req full stop at VBG or supporting VBG VIP movement, ctc **PTD** (other times Comd Post) 30 minutes prior to ldg. Alternate afld rqr. AM OPS DSN 276-6941/42, C805-606-6941/42 fax extension 6664. **Rwy 12-30** grooved. Acft ops outside of publish afld opr hrs must be approved at least 48 hrs in advance thru afld management ops at DSN 276-6941 ground support svc unavbl for arrival/departure ops outside of publication, approved or scheduled afld opr hr. Early/late acft arrival/departure before/after publication or scheduled afld opr hrs shall expect holding with approach control or ARTCC until afld is open or remain overnight if departure. Acft shall ctc Command Post at DSN 276-9961 prior to departure with updated arrival time. Any change to arrival/departure time must be coordinated thru Command Post, and re-approval is rqr if new eta/etd is outside of approach afld hrs of opr. Ensure pilots check NOTAMS prior to departure as NOTAM will reflect afld hrs based on approved after hrs req. Ctc command post 30 minutes out or earlier.

AIRPORT MANAGER: 805-606-4129

COMMUNICATIONS: **CTAF** 124.95 **D-ATIS** 133.125 257.975 DSN 275-2847 or C805-605-2847 **PTD** 126.2 372.2

Ⓡ **SANTA BARBARA APP/DEP CON** 124.15 327.8 (1400-0700Z±)

Ⓡ **L.A. CENTER APP/DEP CON** 119.05 269.5 (0700-1400Z±)

TOWER 124.95 326.2 (1600-0100Z± Mon-Fri, closed Sat-Sun and holidays) (Svc not provided to Lompoc)

GND CON 121.75 257.8 **CLNC DEL** 121.75 257.8

COMD POST 126.2 311.0 321.0 **PMSV METRO** 342.4 Wx flt hr 1200-0400Z± Mon-Fri, excluding holidays. Wx flt DSN 276-8022 C805-606-8022. **PSMV** svc avbl only when wx flt forecast on duty. Wx obsn avbl 24 hrs via ASOS. Bldg obstruction may impact prevailing visibility 150°-180°. **RANGE CON** 121.4 256.0 266.0

AIRSPACE: **CLASS D** svc 1600-0100Z± Mon-Fri clsd Sat-Sun & holidays other times **CLASS E**.

RADIO AIDS TO NAVIGATION: NOTAM FILE HHR.

(L) **TACAN** Chan 59(Y) VBG (112.25) N34°43.95' W120°34.98' at fld. 311/14E. **TACAN** unmonitored 0100-1600Z±. No NOTAM MP : 1400-1600Z± Mon.

TACAN AZIMUTH unusable:

125°-175° byd 25 NM blo 8,000'

330°-353° byd 25 NM blo 6,000'

DME unusable:

125°-175° byd 25 NM blo 8,000'

330°-353° byd 25 NM blo 6,000'

ILS 110.1 I-BVD Rwy 12. No NOTAM MP: 1400-1600Z± Tue-Fri. Unmonitored 0100-1600Z±

ILS 110.1 I-VBG Rwy 30. No NOTAM MP: 1400-1600Z± Tue-Fri. Unmonitored 0100-1600Z±

VENTURA N34°06.90' W119°02.97' NOTAM FILE HHR.

LOS ANGELES

(L) **VOR/DME** 108.2 VTU Chan 19 324° 6.3 NM to Camarillo. 1560/15E.

COPTER

VOR unusable:

060°-085° byd 10 NM blo 13,000'

DME unusable:

060°-085° byd 10 NM blo 13,000'

VICTORVILLE

SOUTHERN CALIFORNIA LOGISTICS (VCV)(KVCV) 5 NW UTC-8(-7DT) N34°35.85'

LOS ANGELES
H-4H, L-4H, 7C
IAP AD

W117°22.98'
2885 B TPA—3885(1000) ARFF Index—See Remarks NOTAM FILE VCV

RWY 17-35: H15050X150 (ASPH-CONC-GRVD) PCN 68 F/A/W/T
HIRL

RWY 17: REIL. PAPI(P4L)—GA 3.0° TCH 75'. Rgt tfc. 0.5% up.

RWY 35: REIL. PAPI(P4L)—GA 3.0° TCH 65'. 0.5% down.

RWY 03-21: H9138X150 (ASPH-CONC) PCN 76 F/B/X/T HIRL

RWY 03: PAPI(P4L)—GA 3.0° TCH 75'. Rgt tfc. 0.3% down.

RWY 21: PAPI(P4L)—GA 3.0° TCH 75'. 0.4% up.

SERVICE: S4 **FUEL** 100LL, JET A **LGT** When twr clsd ACTIVATE PAPI
Rwy 03, Rwy 21, Rwy 17 and Rwy 35, HIRL Rwy 03-21 and Rwy
17-35—CTAF.

AIRPORT REMARKS: Attended 1400-0600Z†. For acft fuel or maintenance
call 760-246-7794 or use frequency 131.975. ARFF Index C, with
ARFF Index E avbl with 24 hrs PPR, call ops 760-243-1915. Avoid
overflight of Silver Lakes 10 miles north for noise abatement. Portion
of Twy A between Twy C and Rwy 21, portion Twy C between Twy C1
and Twy C2, portion of Twy E between Twy E1 and Twy E3, and Rwy
35 thld are not visible areas from the twr. Twy U not lgtd. Twr unable
to provide ATC services to acft in these non-visible areas. U.S. Customs
User Fee Arpt. Customs officer avbl 1700-0100Z† Mon-Fri
760-243-1925, after hrs call 760-490-8651.

AIRPORT MANAGER: 760-243-1915

WEATHER DATA SOURCES: AWOS-3 135.475 (760) 246-3635.

COMMUNICATIONS: CTAF 118.35 (0600-1400Z†) ATIS: 135.475 (1400-0400Z†)

Ⓡ JOSHUA APP/DEP CON 124.55

VICTORVILLE TOWER 118.35 (1400-0400Z†) **GND CON** 124.45.

AIRSPACE: CLASS D svc 1400-0400Z† other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE VCV.

VICTORVILLE (T) VORW/DME 109.05 VCV Chan 27(Y) N34°35.65' W117°23.40' at fld. 2855/14E.

VOR unusable:
040°-070° byd 15 NM

DME unusable:
040°-070° byd 15 NM

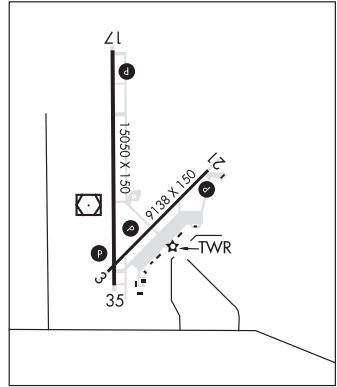
PALMDALE (H) VORTAC 114.5 PMD Chan 92 N34°37.88' W118°03.83' 078° 33.8 NM to fld.
2498/15E. NOTAM FILE PMD.

VOR unusable:
010°-020°
110°-160° byd 35 NM blo 11,600'
160°-235° byd 30 NM blo 8,100'

TACAN AZIMUTH unusable:
110°-145° byd 20 NM blo 15,500'
145°-235° byd 20 NM blo 14,500'
345°-355° byd 35 NM

DME unusable:
120°-145° byd 20 NM blo 15,500'
145°-150° byd 20 NM blo 14,500'

ILS 108.75 I-VCV Rwy 17. Class IE. LOC front course unusable byd 15° left and r of course.



VICTORVILLE N34°35.65' W117°23.40' NOTAM FILE VCV.

LOS ANGELES
L-4H, 7C

(T) VORW/DME 109.05 VCV Chan 27(Y) at Southern California Logistics. 2855/14E.

VOR unusable:
040°-070° byd 15 NM

DME unusable:
040°-070° byd 15 NM

VISALIA

SEQUOIA FLD (D86) 8 N UTC-8(-7DT) N36°26.88' W119°19.12'

SAN FRANCISCO
L-3C, 9A

313 TPA—1113(800) NOTAM FILE RIU
RWY 13-31: H3012X60 (ASPH) S-30, D-50 LIRL
RWY 13: Thld dsplcd 210'. Fence.

SERVICE: S2
AIRPORT MANAGER: (559) 624-7070

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE VIS.

VISALIA (T) VOR/DME 109.4 VIS Chan 31 N36°22.04' W119°28.93' 043° 9.3 NM to fld. 259/16E.

VISALIA MUNI (VIS)(KVIS) 4 W UTC-8(-7DT) N36°19.12' W119°23.57'

SAN FRANCISCO
H-4H, L-3C, 9A
IAP

295 B TPA—See Remarks NOTAM FILE VIS
RWY 12-30: H6562X150 (ASPH-PFC) S-60, D-100, 2S-127,
 2D-160 HIRL

RWY 12: REIL. Thld dsplcd 917'. Fence.
RWY 30: MALSR. PAPI(P4L)—GA 3.0° TCH 52'. Tree.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 12: TORA-6560 TODA-7560 ASDA-6560 LDA-5635
RWY 30: TORA-5635 TODA-6635 ASDA-5635 LDA-5635

SERVICE: S4 FUEL 100LL, JET A LGT ACTIVATE MALSR Rwy 30, REIL
 Rwy 12, PAPI Rwy 30, HIRL Rwy 12-30—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1600-0100Z†, Sat-Sun
 1700-0000Z†. Self-svc fuel 100LL avbl 24 hrs. Self svc fuel Jet A
 avbl 24 hrs. Rwy 30 designated calm wind rwy. No down wind turns
 when dep Rwy 12 until reaching TPA. Remaining overnight tiedown
 fee.

AIRPORT MANAGER: 559-713-4480

WEATHER DATA SOURCES: AWOS-3PT 119.925 (559) 651-2418.

COMMUNICATIONS: CTAF/UNICOM 123.05

RCO 122.1R 109.4T (RANCHO MURIETA RADIO)

Ⓡ **FRESNO APP/DEP CON** 118.5

AIRSPACE: CLASS E svc 1400-0800Z† other times CLASS G.

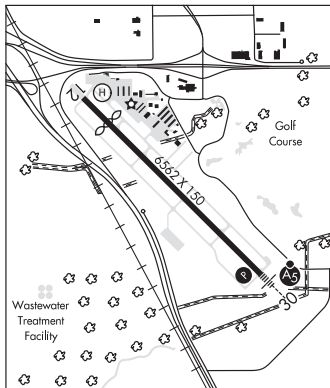
RADIO AIDS TO NAVIGATION: NOTAM FILE VIS.

(T) VOR/DME 109.4 VIS Chan 31 N36°22.04' W119°28.93' 108° 5.2 NM to fld. 259/16E.

ILS 108.5 I-VIS Rwy 30. Class IE.

HELIPAD H1: H45X45 (CONC) S-18, D-45, 2D-90

HELIPAD REMARKS: H1 Helipad on parallel twy then hover taxi to adjacent conc parking pad, 20,000 lb max wgt.



WARD FLD (See GASQUET on page 130)

WASCO-KERN CO (L19) 2 NW UTC-8(-7DT) N35°37.19' W119°21.22'

LOS ANGELES
L-3D, 7B

312 B TPA—1112(800) NOTAM FILE RIU

RWY 12-30: H3380X60 (ASPH) S-6 MIRL 0.3% up SE

RWY 12: Thld dsplcd 431'. Pole.

RWY 30: Thld dsplcd 230'. Road.

SERVICE: FUEL 100LL LGT ACTIVATE MIRL Rwy 12-30—CTAF.

AIRPORT REMARKS: Attended irregularly. Fuel avbl by phone call only
 661-758-3009. Rwy 12 lgtd thld relocated 455', Rwy 30 lgtd thld
 relocated 240' for ngt ops, 2685' of Rwy 12-30 usable at ngt. Crop
 dusting ops prohibited except by arpt manager 661-393-1800.

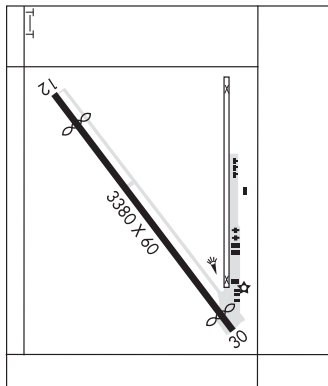
AIRPORT MANAGER: 661-391-1824

COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE BFL.

SHAFTER (H) VORTACW 115.4 EHF Chan 101 N35°29.07'

W119°05.84' 289° 14.9 NM to fld. 549/14E. **HIWAS.**



WATSONVILLE MUNI (WVI)(KWVI) 3 NW UTC-8(-7DT) N36°56.14' W121°47.38'
 163 B TPA-1163(1000) NOTAM FILE WVI
RWY 02-20: H4501X149 (ASPH) S-81, D-96, 2S-122, 2D-167

SAN FRANCISCO
 L-3B
 IAP, AD

MIRL 0.4% up NE
RWY 02: REIL. PAPI(P2L)—GA 3.0° TCH 43'. Trees.
RWY 20: PAPI(P2L)—GA 3.0° TCH 44'. Thld dspcd 590'. Tree.
RWY 09-27: H3998X98 (ASPH) S-45, D-65, 2S-83 0.7% up W
RWY 09: PAPI(P2R)—GA 4.0° TCH 34'. Tree.
RWY 27: Tree.

SERVICE: S6 FUEL 100LL, JET A OX 4 LGT Rotating bcn opr SS-SR.
 ACTIVATE PAPI Rwy 02, Rwy 09 and Rwy 20; REIL Rwy 02; MIRL Rwy 02-20—CTAF.

AIRPORT REMARKS: Attended 1600-0100Z±. Parachute Jumping. Seagulls on and in/ovf arpt. Prcht ops on arpt daily 1700-0400Z±, landing area 1000 ft west of Rwy 20. All depts prohibited on Rwy 27 due to rwy vis blocked by hangars. Coastal fog during summer months. Helicopter activity on and in/ovf arpt. Glider towing rqr prior notification, ctc arpt office 831-768-3575. Rwy 20 preferred calm wind rwy. Arpt has noise abatement procedures; see arpt website. +50' trees 435' left of Rwy 27 thld.

AIRPORT MANAGER: 831-768-3575

WEATHER DATA SOURCES: ASOS 132.275 (831) 724-8794.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ NORCAL APP/DEP CON 127.15 (151°-359°)

RADIO AIDS TO NAVIGATION: NOTAM FILE SNS.

SALINAS (H) VORTACW 117.3 SNS Chan 120 N36°39.83' W121°36.19' 314° 18.6 NM to fld. 80/17E. HIWAS.

VOR portion unusable:

010°-016° byd 22 NM blo 7,000'

010°-016° byd 26 NM blo 8,000'

016°-080° byd 22 NM blo 8,000'

150°-170° byd 8 NM blo 10,000'

TACAN AZIMUTH & DME unusable:

010°-080° byd 22 NM blo 8,000'

150°-200° blo 11,000'

aerobatic acft wi an area defined as .5 NM rds of SNS 357016.4 (5.3 NM W CVH), blo 3000', avoidance advised

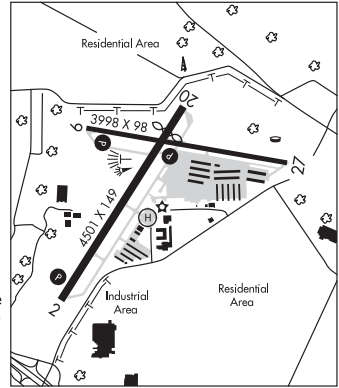
SR-SS

TACAN AZIMUTH unusable:

245°-255° byd 20 NM

LOC 108.3 I-AYN Rwy 02. Unmonitored.

COMM/NAV/WEATHER REMARKS: For clnc del cte Norcal apch at 916-361-3748.



WATTS-WOODLAND (See WOODLAND on page 245)

WEAVERVILLE

LONNIE POOL FLD/WEAVERVILLE (O54) 1 NE UTC-8(-7DT) N40°44.84' W122°55.34'
 2350 TPA-3150(800) NOTAM FILE RIU

KLAMATH FALLS

RWY 18-36: H2980X50 (ASPH) S-5 4.1% up N

RWY 18: Trees.

RWY 36: PAPI(P2L)—GA 3.0° TCH 40'. Thld dspcd 90'. Road.

AIRPORT REMARKS: Unattended. Arpt CLOSED nights. Arpt intermittently CLOSED winters due to snow. Call county transportation office for info 530-623-1365. Land Rwy 36 only. Tfk Rwy 18 only. Touch & go's prohibited. Recommend no go-arounds below 2,600' MSL. Tfk prohibited on Rwy 36 due to rwy elev increase of approximately 100' north end of rwy. Tall trees and rising terrain north of arpt. Significant variations in wind direction and ints can occur at the apch to Rwy 36. Road 50' east of centerline at Rwy 18 thld and 60' trees in primary sfc 80' east of centerline.

AIRPORT MANAGER: 530-623-1365

WEATHER DATA SOURCES: AWOS-3 120.850 (530) 623-3810.

COMMUNICATIONS: CTAF/UNICOM 122.8

WEAVERVILLE RCO 122.4 (RANCHO MURIETA RADIO)

WEED (046) 4 NW UTC-8(-7DT) N41°28.85' W122°27.27'
2943 B TPA-3943(1000) NOTAM FILE RIU

KLAMATH FALLS
H-3B, L-21
IAP

RWY 14-32: H5000X60 (ASPH-AFSC) S-12 MIRL 0.7% up SE

RWY 14: VASI(V2L)—GA 3.0° TCH 23'. Rgt tfc.

RWY 32: VASI(V2L)—GA 3.0° TCH 20'. Road.

SERVICE: FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy
14-32—CTAF.

AIRPORT REMARKS: Attended May-Oct, Mon-Sun 1600-0100Z†,
Nov-Apr, Mon-Fri 1600-0100Z†. Ramp twys clsd near midfield
intersection and near south ramp exit. Ldg fee.

AIRPORT MANAGER: (530) 842-8220

COMMUNICATIONS: CTAF/UNICOM 122.7

ANTELOPE MOUNTAIN RCO 122.4 (RANCHO MURIETA RADIO)

® **SEATTLE CENTER APP/DEP CON** 124.85

RADIO AIDS TO NAVIGATION: NOTAM FILE RIU.

FORT JONES (L) VOR/DME 109.6 FJS Chan 33 N41°26.98'
W122°48.39' 064° 16.0 NM to fld. 4900/19E. **HIWAS.**

VOR unusable:

080°-135° byd 19 NM

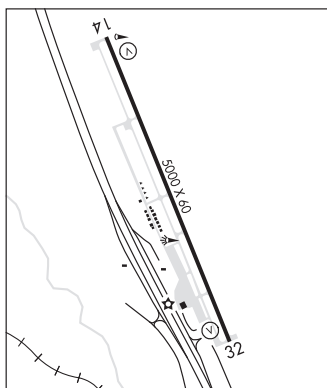
080°-135° byd 9 NM blo 13,000'

190°-300° byd 19 NM

200°-300° byd 8 NM blo 14,000'

DME unusable:

190°-275° byd 19 NM blo 16,000'



WESTOVER FLD AMADOR CO (See JACKSON on page 144)

WHITEMAN (See LOS ANGELES on page 156)

WILLIAM ROBERT JOHNSTON MUNI (See MENDOTA on page 162)

WILLIAMS N39°04.27' W122°01.64' NOTAM FILE RIU.
(L) **VORTACW** 114.4 ILA Chan 91 356° 6.7 NM to Colusa Co. 49/18E. **HIWAS.**

SAN FRANCISCO
H-3B, L-2G, 3A

WILLITS

ELLS FLD-WILLITS MUNI (028) 3 NW UTC-8(-7DT) N39°27.08' W123°22.34'
2066 B TPA-3066(1000) NOTAM FILE OAK

SAN FRANCISCO
L-2G
IAP

RWY 16-34: H2995X75 (ASPH) S-30 MIRL 1.3% up N

RWY 16: Trees.

RWY 34: PAPI(P2L)—GA 3.0° TCH 20'. Trees. Rgt tfc.

SERVICE: S2 FUEL 100LL LGT Rotating bcn OTS. ACTIVATE MIRL Rwy 16-34, PAPI Rwy 34—CTAF.

AIRPORT REMARKS: Unattended. Fuel avbl 24 hrs with credit card. Deer and turkey on and invof rwy. Acft not visible from
opposite end of the rwy.

AIRPORT MANAGER: 707-841-4601

COMMUNICATIONS: CTAF/UNICOM 122.8

® **OAKLAND CENTER APP/DEP CON** 132.2

RADIO AIDS TO NAVIGATION: NOTAM FILE UKI.

MENDOCINO (H) VORTACW 112.3 ENI Chan 70 N39°03.19' W123°16.46' 333° 24.3 NM to fld. 2985/16E.
HIWAS.

WILLOWS—GLENN CO (WLW)(KWLW) 1 W UTC-8(-7DT) N39°30.95' W122°13.04'

SAN FRANCISCO

141 B TPA—1141(1000) NOTAM FILE RIU

L-2G

RWY 16-34: H4125X100 (ASPH) S-38, D-53 MIRL

IAP

RWY 16: Road. Rgt tfc.

RWY 34: VASI(V4L)—GA 3.0° TCH 31'.

RWY 13-31: H3788X60 (ASPH) S-12

RWY 13: Trees. Rgt tfc.

RWY 31: Thld dsplcd 243'.

SERVICE: FUEL 100LL LGT ACTIVATE MIRL Rwy 16-34 and VASI Rwy 34—CTAF.

AIRPORT REMARKS: Attended 1530-2330Z. Fuel 24 hr card lock.

AIRPORT MANAGER: 530-934-6530

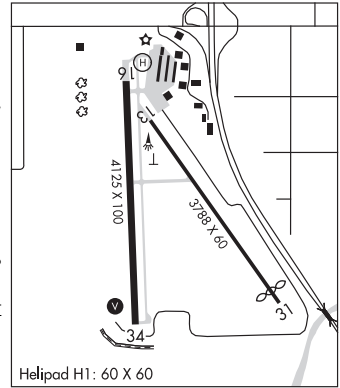
COMMUNICATIONS: CTAF/UNICOM 122.8

MAXWELL RCO 110.0T (RANCHO MURIETA RADIO)

OAKLAND CENTER APP/DEP CON 132.2

HELIPAD H1: H60X60 (CONC)

HELIPAD REMARKS: Helipad H1 +8' fuel tank within helipad safety area NE corner, +8' bushes 25' NE of helipad.



WOODLAKE (042) 2 S UTC-8(-7DT) N36°23.93' W119°06.41'

SAN FRANCISCO

425 B TPA—1225(800) NOTAM FILE RIU

RWY 07-25: H2203X50 (ASPH-TRTD)

RWY 07: Trees.

RWY 25: Bldg.

SERVICE: FUEL 100LL

AIRPORT REMARKS: Unattended. Arprt not approved for ngt use. Gross pavement strength provided by arprt manager, 8000 lbs.

AIRPORT MANAGER: 559-564-8055

COMMUNICATIONS: CTAF 122.9

WOODLAND

WATTS—WOODLAND (041) 4 W UTC-8(-7DT) N38°40.43' W121°52.32'

SAN FRANCISCO

125 B TPA—See Remarks NOTAM FILE RIU

L-2G, 3A

RWY 18-36: H3759X60 (ASPH) S-12 MIRL 0.5% up S

IAP

RWY 18: Thld dsplcd 630'. Trees.

RWY 36: Thld dsplcd 385'. Antenna.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 18: TORA-3759 TODA-3759 ASDA-3559 LDA-2929

RWY 36: TORA-3759 TODA-3759 ASDA-3629 LDA-3244

SERVICE: FUEL 100LL, JET A OX 3, 4 LGT ACTIVATE MIRL Rwy 18-36—CTAF.

AIRPORT REMARKS: Attended Oct-Apr 1600-0100Z and May-Sept 1500-0200Z. Fuel 24 hrs with credit card. Rwy 18 unlgtd 60' trees higher than pole mounted obstruction lgts. Twin engine acft back taxi on rwy. TPA for turbine acft 1625(1500). TPA for other acft 1125(1000).

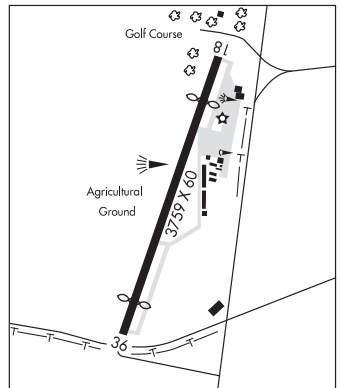
AIRPORT MANAGER: 530-867-6652

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ TRAVIS APP/DEP CON 126.6

RADIO AIDS TO NAVIGATION: NOTAM FILE SAC.

SACRAMENTO (H) VORTACW 115.2 SAC Chan 99 N38°26.62' W121°33.10' 296° 20.4 NM to fld. 3/17E.



WOODSIDE N37°23.55' W122°16.88' NOTAM FILE OAK.
(L) **VOR/DME** 113.9 OSI Chan 86 355° 7.3 NM to San Carlos. 2270/17E.

SAN FRANCISCO
H-3B, L-2F, 3B, A

VOR unusable:
030°-050° byd 15 NM
225°-305° byd 20 NM blo 9,000'
330°-350° blo 11,000'
DME unusable:
160°-350° blo 11,000'
190°-230° byd 20 NM blo 13,000'
230°-350° byd 20 NM

YOLO CO (See DAVIS/WOODLAND/WINTERS on page 114)

YUBA CITY

SUTTER CO (052) 1 S UTC-8(-7DT) N39°07.42' W121°36.32'
60 B TPA-1060(1000) NOTAM FILE RIU

SAN FRANCISCO
L-2G, 3A

RWY 17-35: H3045X75 (ASPH) MIRL
RWY 17: REIL. PAPI(P2L)-GA 3.0° TCH 25'. Rgt tfc.
RWY 35: REIL.

SERVICE: S4 **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 17-35-CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1600-0100Z±. Fuel avbl by credit card. AG acct fly NSTD tfc pat.

AIRPORT MANAGER: (530) 822-7400

COMMUNICATIONS: CTAF/UNICOM 122.7

RADIO AIDS TO NAVIGATION: NOTAM FILE RIU.

WILLIAMS (L) VORTACW 114.4 ILA Chan 91 N39°04.27' W122°01.64' 063° 20.0 NM to fld. 49/18E. **HIWAS.**
COMM/NAV/WEATHER REMARKS: For clnc del ctc Norcal apch at 916-361-6874.

YUBA CO (See MARYSVILLE on page 162)

YUCCA VALLEY (L22) 1 E UTC-8(-7DT) N34°07.79' W116°24.41'
3224 TPA-4224(1000) NOTAM FILE RAL

LOS ANGELES
L-4I

RWY 06-24: H4363X60 (ASPH) S-12.5 MIRL 0.6% up SW

RWY 06: Thld dspldc 349'. Tree. Rgt tfc.
RWY 24: Thld dspldc 319'. Trees.

SERVICE: S2 **LGT** ACTIVATE MIRL Rwy 06-24-CTAF.

AIRPORT REMARKS: Attended irregularly. PAEW adjacent Rwy 06-24. 6' tall lgtd fence adjacent to each rwy end. Noise abatement procedures in effect ctc arpt manager at 760-401-0816. Rwy 06 calm wind rwy.

AIRPORT MANAGER: 760-401-0816

COMMUNICATIONS: CTAF/UNICOM 123.0

RADIO AIDS TO NAVIGATION: NOTAM FILE RAL.

PARADISE (H) VORTAC 112.2 PDZ Chan 59 N33°55.10' W117°31.80' 062° 57.4 NM to fld. 1432/15E.

TACAN AZIMUTH unusable:
130°-145° byd 25 NM blo 5,000'
145°-190° blo 8,000'
190°-230° blo 10,000'
310°-325° byd 35 NM blo 10,900'
325°-345° byd 25 NM blo 11,500'
345°-360° byd 35 NM blo 10,500'
VOR unusable:
010°-015° byd 20 NM blo 10,000'
130°-145° byd 25 NM blo 5,000'
145°-190° blo 8,000'
145°-190° byd 25 NM blo 10,000'
145°-190° byd 39 NM blo 13,500'
190°-230° blo 10,000'
310°-325° byd 35 NM blo 10,900'
325°-345° byd 25 NM blo 11,500'
345°-360° byd 35 NM blo 10,500'
DME unusable:
130°-145° byd 25 NM blo 5,000'
145°-190° blo 8,000'
190°-230° blo 10,000'
310°-325° byd 35 NM blo 10,900'
325°-345° byd 25 NM blo 11,500'
345°-360° byd 35 NM blo 10,500'

ZAMPERINI FLD (See TORRANCE on page 227)

AKRON

COLORADO PLAINS RGNL (AKO)(KAKO) 1 N UTC-7(-6DT) N40°10.54' W103°13.32'

CHEYENNE
H-5A, L-10G
IAP

4716 B NOTAM FILE AKO
RWY 11-29: H7001X100 (ASPH) S-65, D-85, 2D-125 MIRL
 0.6% up NW

RWY 11: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Road.

RWY 29: REIL. PAPI(P2L)—GA 3.0° TCH 40'.

SERVICE: S4 FUEL 100LL, JET A1 **LGT** ACTIVATE MIRL Rwy
 11-29—CTAF.

AIRPORT REMARKS: Attended 1500-0000Z±. For fuel when arpt unattended
 call 970-345-2397. 24 hr fuel avbl with credit card. Extensive crop
 spraying ops in the area Apr-Oct.

AIRPORT MANAGER: 970-345-2397

WEATHER DATA SOURCES: ASOS 135.475 (970) 345-2320.

COMMUNICATIONS: CTAF/UNICOM 122.8

AKRON RCO 122.075 (DENVER RADIO)

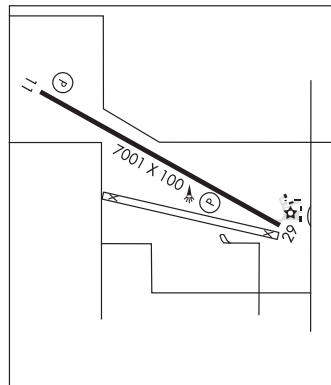
DENVER CENTER APP/DEP CON 133.95

AIRSPACE: CLASS E

RADIO AIDS TO NAVIGATION: NOTAM FILE AKO.

AKRON (H) VORW/DME 114.4 AKO Chan 91 N40°09.33'

W103°10.78' 289° 2.3 NM to fld. 4623/13E.



GEBAUER (5V6) 8 NE UTC-7(-6DT) N40°14.58' W103°05.66'

CHEYENNE

4509 NOTAM FILE DEN

RWY 08-26: 3000X70 (TURF-GRVL)

RWY 08: Road.

RWY 11-29: 2150X70 (TURF-GRVL)

RWY 11: Road.

RWY 29: Crops.

AIRPORT REMARKS: Unattended. Rwy 08-26 and Rwy 11-29 soft when wet and rough. Rwys not recommended for tkf or ldg.
 Ctc arpt manager for current fld conditions 970-345-2482 or 970-345-2455. Rwy 11-29 has farm equipment on rwy
 full length.

AIRPORT MANAGER: 970-345-2482

COMMUNICATIONS: CTAF 122.9

AKRON N40°09.33' W103°10.78' NOTAM FILE AKO.

CHEYENNE
H-5A, L-10G

(H) VORW/DME 114.4 AKO Chan 91 289° 2.3 NM to Colorado Plains Rgnl. 4623/13E.

RCO 122.075 (DENVER RADIO)

ALAMOSA**SAN LUIS VALLEY RGNL/BERGMAN FLD** (ALS)(KALS) 2 S UTC-7(-6DT) N37°26.11'**DENVER**
H-3F, 5A, L-8J, 9E
IAP, AD

W105°52.07'

7539 B NOTAM FILE ALS

RWY 02-20: H8519X100 (ASPH-GRVD) S-52, D-70, 2S-89

PCN 44 F/C/X/T HIRL

RWY 02: MALSR, PAPI(P4L)—GA 3.0° TCH 48'.**RWY 20:** REIL, VASI(V4L)—GA 3.0° TCH 53'. Tree.**RUNWAY DECLARED DISTANCE INFORMATION****RWY 02:** TORA-8519 TODA-8519 ASDA-8519 LDA-8519**RWY 20:** TORA-8519 TODA-8519 ASDA-8519 LDA-8519**SERVICE:** S4 FUEL 100LL, JET A OX 3, 4 LGT ACTIVATE HIRL Rwy 02-20, MALSR Rwy 02, PAPI Rwy 20, REIL Rwy 20 and VASI Rwy 20—CTAF.**AIRPORT REMARKS:** Attended daylight hours. Conditions not monitored 0630-1230Z†. Be alert, intensive USAF student training invof Colorado Springs and Pueblo Colorado. 893' paved blastpad Rwy 02. See Special Notices—USAF 306 FTG Flight Training Areas, Vicinity of Colorado Springs and Pueblo Colorado.**AIRPORT MANAGER:** (719) 580-1986**WEATHER DATA SOURCES:** AWOS-3 135.175 (719) 589-5669.**COMMUNICATIONS:** CTAF/UNICOM 122.8

RCO 122.15 (DENVER RADIO)

DENVER CENTER APP/DEP CON 128.375

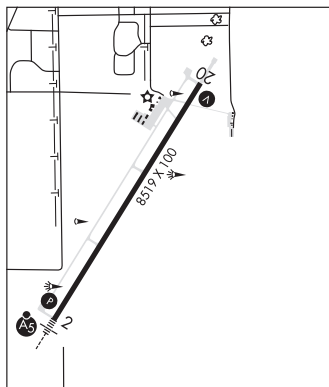
AIRSPACE: CLASS E svc 1245-0200Z† Mon-Fri, 1430-0200Z† Sat-Sun, other times CLASS G.**RADIO AIDS TO NAVIGATION:** NOTAM FILE ALS.**ALAMOSA (H) VORTACW** 113.9 ALS Chan 86 N37°20.95' W105°48.93' 321° 5.7 NM to fld. 7535/13E.

VORTAC unusable

150°-180° byd 35 NM blo 11,600'

025°-045° byd 25 NM blo 15,900'

ILS 111.9 I-VQR Rwy 02. Class IE. ILS Rwy 2 unmnt.

**ALAMOSA** N37°20.95' W105°48.93' NOTAM FILE ALS.**DENVER****(H) VORTACW** 113.9 ALS Chan 86 321° 5.7 NM to San Luis Valley Rgnl/Bergman Fld. 7535/13E.

H-5A, L-8J, 9E

VORTAC unusable

150°-180° byd 35 NM blo 11,600'

025°-045° byd 25 NM blo 15,900'

RCO 122.15 (DENVER RADIO)

ANIMAS AIR PARK (See DURANGO on page 268)

ASPEN-PITKIN CO/SARDY FLD (ASE)(KASE) 3 NW UTC-7(-6DT) N39°13.31' W106°52.09'
 7838 B TPA—See Remarks Class I, ARFF Index B NOTAM FILE ASE

DENVER
H-3E, L-9E
IAP, AD

RWY 15-33: H8006X100 (ASPH-GRVD) S-80, D-100, 2D-160
 PCN 28 F/B/X/U MIRL

RWY 15: MALSF. PAPI(P4L)—GA 3.5° TCH 56'. 1.9% up.
RWY 33: REIL. Thld dspclcd 1000'. Road. Rgt tfc. 2.0% down.

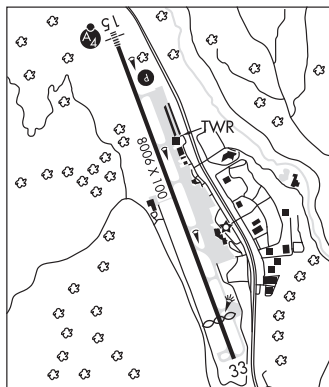
RUNWAY DECLARED DISTANCE INFORMATION

RWY 15: TORA-7006 TODA-7006 ASDA-7006 LDA-7006
RWY 33: TORA-8006 TODA-8006 ASDA-8006 LDA-7006

SERVICE: S2 FUEL 100LL, JET A1+ OX 1, 3 LGT Bcn lgts ops dusk-0600Z±. When twr clsd ACTIVATE MIRL Rwy 15-33, MALSF Rwy 15, PAPI Rwy 15 and REIL Rwy 33—CTAF.

AIRPORT REMARKS: Attended 1400-0600Z±. Arpt CLOSED

0600-1400Z±. Birds and other wildlife on and in/ov rwys. Watch for wildlife on or near rwys. All arriving acft from 2000 to 2300 local must announce CTAF 118.85 when they are 20, 15, 10 and 5 miles out and on short final. Equipment may be on the rwy. For acft svc ctc UNICOM. Hang gliders, para gliders, hot air balloons and glider ops on and in/ov arpt up to 18,000' MSL. Arpt lctd in high mountain valley with mountainous terrain from 12,500'-14,000' MSL in near proximity to arpt, numerous unlgtd obst. All adverse wx situations magnified in mountains. Arpt rstd to max acft wingspan of 95'. Ops dur periods of reduced visibility discouraged for pilots unfamiliar with area. Unless ceilings are at least 2000' abv highest terrain and visibility is 15 miles or more, mountain flying is not recommended. Due to high apch minimums pilots may need an IFR alternate even though wx is forecast to be higher than 2000'-3,000'. Terrain will not allow for normal tfc patterns. High rates of descent may be rqrd due to terrain and lcl procedures. Unique VFR dep procedures exist, call arpt ops 970-920-5760, or FBO 970-920-2016 for more info. FBO rqr 2 hrs advance ntc for staging acft prior to dep. NS ABTMT procedures in effect, ctc arpt ops 970-920-5760 ext 0. For all general aviation ops btn 30 min after SS to 0600Z± the following applies, acft equipped as rqrd under FAR 91.205(D) for instr fit, pilot is instrument rated, VFR pilot-in-command has completed at least one tkf or ldg in the preceding 12 months at ASE. IFR, execute apch/dep procedures with ATC clnc. Acft rqrq IFR should file flt plan with flt svc 45 min prior to estimated dep. PPR for tkf on Rwy 15 ctc FBO 970-920-2016. Review of airplane performance recommended incl density altitude, weight and balance and climb performance. Due to poor visibility in valley, use ldg lgts in tfc pat. TPA for light acft 9023(1185), for heavy acft 9523(1685). Unctl tfc on the ramps. Rwy 33 run-up area not visible from twr. Rwy 15 PAPI unusable byd 4 NM from rwy thld and byd 7° rgt of rwy cntrn. Pilots are responsible for pax in ramp area. Pedestrians and vehicles cannot enter twys without ATC clnc. Stay on the solid side of the red boundary marking line. Cold temperature rstd arpt. Alt correction required at or blo -21°C/-6°F. Ldg fee.



AIRPORT MANAGER: (970) 429-2851

WEATHER DATA SOURCES: ASOS 120.4 (970) 925-9168. LAWRS.

COMMUNICATIONS: CTAF 118.85 ATIS 120.4 UNICOM 122.95

Ⓡ APP/DEP CON 123.8 (1400-0300Z±)

Ⓡ DENVER CENTER APP/DEP CON 125.35 (0300-1400Z±)

TOWER 118.85 (1400-0300Z±) GND CON 121.9 CLNC DEL 123.75

AIRSPACE: CLASS D svc 1400-0300Z± other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE DEN.

RED TABLE (H) VOR/DME 113.0 DBL Chan 77 N39°26.36' W106°53.68' 163° 13.1 NM to fld. 11800/12E.

LDA 108.5 I-PKN Rwy 00X. Localizer course width: 6.00 reverse sensing. This facility will be used as a departure navaid and a missed approach navaid. LDA sensing will be reversed. LDA 108.5 i-pkn available for missed approach/departures only. LDA unusable byd 25° back left/south of course. LDA unusable byd 30° back right/north of course.

LOC/DME 111.15 I-ASE Chan 48(Y) Rwy 15. DME unusable byd 14 NM blw 12,500'. LOC unusable byd 14 NM blw 12,500'. LOC unusable byd 25° left of course, byd 25° right of course.

COMM/NAV/WEATHER REMARKS: Primary radar not avbl. Radar tfc advisories and svcs avbl for transponder equipped acft only.

LDA 108.5 I-PKN avbl for missed apch/dep only. LDA unmonitored when twr clsd. LDA unusable byd 30° south of crs.

ASTRONAUT KENT ROMINGER (See DEL NORTE on page 261)

BADGER MOUNTAIN N39°02.93' W105°30.73'
 RCO 122.2 (DENVER RADIO)

DENVER
L-10F

BALD MOUNTAIN 7BM N38°47.95' W106°13.08' /9825
 AWOS-3 132.050 (303) 512-4919

DENVER
L-9E

BATTEN N40°31.92' W103°13.81' NOTAM FILE DEN.
 NDB (MHW) 392 BAJ 335° 5.2 NM to Sterling Muni. 4038/8E.

CHEYENNE
L-10G

BLACK FOREST N38°56.67' W104°38.01' NOTAM FILE DEN.
(L) VOR/DME 112.5 BRK Chan 72 193° 8.9 NM to City Of Colorado Springs Muni. 6934/8E.
 VOR/DME unusable:
 305°-045° byd 27 NM blo 13,000'
 330°-045° byd 20 NM blo 10,500'
 DME unusable:
 210°-230° byd 30 NM blo 17,000'
 230°-250° byd 30 NM blo 17,900'
 250°-267° byd 30 NM blo 17,000'
RCO 122.25 (DENVER RADIO)

DENVER
H-3F, 5A, L-10F

BLAKE FLD (See DELTA on page 261)

BLANCA (Ø5V) 3 SW UTC-7(-6DT) N37°24.67' W105°33.10'
 7720 NOTAM FILE DEN

DENVER

RWY 03-21: 6160X52 (DIRT) 0.4% up NE

RWY 03: Road.

RWY 21: Road.

AIRPORT REMARKS: Unattended. Unltd vehicle access to fld, wildlife on and invof arpt. Be alert, intsv USAF student trng invof Colorado Springs and Pueblo Colorado. Rwy 03-21 soft when wet. Rwy 03-21 low ctr. Rwy 03-21 1 to 2' vegetation both sides of rwy full length. Rwy 03-21 has 6 to 12" dirt windrows along both sides full length. Rwy 03 +35' pole 475' from end 50' rgt of cntrln, +5' fence 10' from thld OB, +15 bldg 560' from thld 225' rgt of cntrln, +15' bldg 500' from thld 150' left of cntrln. Rwy 21 +20' hangar 185' left of thld and +8' road 213' from thld OB. See Special Notices USAF 306 FTG Flight Training Areas, Vicinity of Colorado Springs and Pueblo Colorado.

AIRPORT MANAGER: 719-379-3603

COMMUNICATIONS: CTAF 122.9

BLUE MESA N38°27.13' W107°02.38' NOTAM FILE DEN.
(H) VOR/DME 114.9 HBU Chan 96 032° 7.1 NM to Gunnison-Crested Butte Rgnl. 8740/14E.

DENVER
H-3E, L-9E

DME portion unusable:
 315°-325° byd 27 NM blo 17,500'

RCO 122.55 (DENVER RADIO)

BOULDER MUNI (BDU)(KBDU) 3 NE UTC-7(-6DT) N40°02.36' W105°13.57'

CHEYENNE
L-10F, A

5288 B TPA—See Remarks NOTAM FILE DEN

RWY 08-26: H4100X75 (ASPH) S-16 MIRL 0.3% up W

RWY 08: Thld dsplcd 200'. Trees.

RWY 26: VASI(V4L)—GA 3.5° TCH 40'. Rgt tfc.

RWY 08G-26G: H4100X20 (ASPH-TURF) 0.3% up W

RWY 08G: Trees.

RWY 26G: Rgt tfc.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 08: TORA-4100 TODA-4100 ASDA-4100 LDA-3900

RWY 26: TORA-4100 TODA-4100 ASDA-3900 LDA-3900

SERVICE: S4 FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 08-26 and VASI Rwy 26—CTAF.

AIRPORT REMARKS: Attended 1500-0000Z. Parachute jumping invof arpt.

Waterfowl on and invof arpt. 24 hr self serve 100LL avbl. Rwy 08G-26G for glider use only, 197' separation cntrln to cntrln. Glider ops as close as 60' parallel to Rwy 08-26. Midfld pattern entry from the south is only avbl for glider use. Be alert, intsv USAF student trng invof Colorado Springs and Pueblo Colorado. Hayden Lake lctd 250' from Rwy 08 and Rwy 08G thlds. Rwy 08 and Rwy 08G 25' to 55' trees outline Hayden Lake as close as 200' from Rwy 08G thld. Rwy 08-26 TPA (1012' AGL) (6300' MSL. Simultaneous apchs to and deps from, Rwy 08-26 and Rwy 08G-26G are prohibited. Power acct yeild right of way to gliders on final or initiate a go-around for adequate spacing. Rwy 08 dep no turn blo (512' AGL) 5800' MSL. Rwy 08 preferred under lgt wind cond. Dur west wind cond exp severe wind turbulence apch and dep Rwy 26. NS ABTMT procedures in effect, call arpt mgr 303-441-3108 or <http://www.bouldercolorado.gov/airport>. Rwy 26 has 300' safety area outlined with red reflectors. 130' dropoff east of marked area. See Special Notices—USAF 306 FTG Flight Training Areas, Vicinity of Colorado Springs and Pueblo Colorado.

AIRPORT MANAGER: 303-441-3108

WEATHER DATA SOURCES: AWOS-3 118.825 (303) 541-9540.

COMMUNICATIONS: CTAF/UNICOM 122.725

RADIO AIDS TO NAVIGATION: NOTAM FILE BJC.

JEFFCO (H) VORW/DME 115.4 BJC Chan 101 N39°54.78' W105°08.34' 321° 8.6 NM to fld. 5737/11E.

VOR portion unusable:

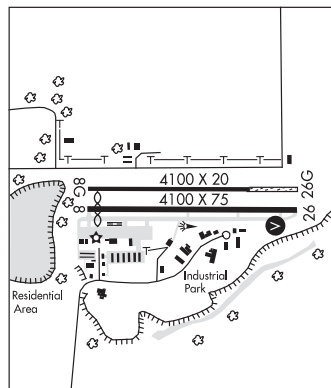
226°-245° byd 36 NM blo 17,000'

246°-278° byd 30 NM blo 19,000'

279°-300° byd 34 NM blo 18,000'

DME unusable:

246°-278° byd 30 NM



BRUSH MUNI (7V5) 3 E UTC-7(-6DT) N40°15.86' W103°34.54'

CHEYENNE
L-10F

4280 NOTAM FILE DEN

RWY 07-25: H4300X60 (ASPH) S-6 LIRL(NSTD)

RWY 07: Tree.

SERVICE: LGT Rwy 07-25 NSTD LIRL, one thld lgt each side of rwy both ends. ACTIVATE NSTD LIRL Rwy 07-25 5 times on and 8 times off—CTAF.

AIRPORT REMARKS: Attended irregularly. For svc call 970-842-5279 or 970-842-5777. Parachute Jumping. Unlighted 320' twr 3 miles east of arpt. High tension powerlines within 1 mile S of arpt. Be alert, intensive USAF student training invof Colorado Springs and Pueblo Colorado. Rwy 25 lgt thld relocated 195' for ngt ops. Rwy 07-25 one thld light each rwy side both ends. Rwy 25 thld markings begin 195' W of pavement end. Large washout at SW corner of west aligned twy. See Special Notices—USAF 306 FTG Flight Training Areas, Vicinity of Colorado Springs and Pueblo Colorado.

AIRPORT MANAGER: 970-842-5001

COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE AKO.

AKRON (H) VORW/DME 114.4 AKO Chan 91 N40°09.33' W103°10.78' 277° 19.3 NM to fld. 4623/13E.

BUCKLEY AFB (BKF)(KBKF) ANG (A AF ARNG N MC) O N UTC-7(-6DT) N39°42.11' W104°45.12'

DENVER
H-3F, 5A, L-10F, A
DIAP, AD

5663 B NOTAM FILE DEN Not insp.

RWY 14-32: H11006X150 (PEM) PCN 40 R/B/W/T HIRL

RWY 14: REIL. PAPI(P4L)—GA 3.0° TCH 40'. RVR-R

RWY 32: ALSF1. PAPI(P4L)—GA 3.0° TCH 44'. RVR-T

ARRESTING GEAR/SYSTEM

RWY 14 HOOK MB100(B) (35' OVRN) TYPE-H BAK-12B(B) (1500')

TYPE-H BAK-12B(B) (1500') HOOK MB100(B) (35' OVRN) **RWY 32**

SERVICE: S4 OX 1, 2, 3, 4 LGT Rwy 32 ILS GS/RPI and PAPI GS/RRP not coincidental. **MILITARY— A-GEAR**

BAK-12B(B)/TYPE-H A-G std configuration is dep end cable in raised posn for Icl asgn F-16 acft dep; all OT in lowered posn. Tran acft ctc twr for other configuration needs. **JASU** 1(A/M32A-86) 2(AM32A-60A) 2(AM32A-95) **FUEL** Will be coordinated during PPR. A+ +. **FLUID** SP PRESAIR LOX LHOX De-Ice **OIL** O-148 SOAP-Avbl 1315-0000Z† Tue-Fri.

MILITARY REMARKS: Attended Mon-Thur 1200-1200Z†, Fri-Sun 1200-0400Z†, cldd New Years Day, Thanksgiving and Christmas. Bas ops Mon-Fri 1900-0300Z†, cldd holiday. See FLIP AP/1 Supplementary Arpt Remarks. **RSTD** Acft must adhere to PPR arr block +/-30 min of sked ldg. PPR, for all acft except base assigned, DSN 847-9650/9651/9652, C720-847-9650/9651/9652; minimum 24 hour notice required and no more than 7 days prior to arrival. Tran acft VFR pattern work limited to single practice apch followed by full stop ldg. Multiple VFR practice apch unauthorized for acft not ldg Buckley AFB. Tran acft may be rqr to fly straight in full stop. C5, C-17, KC10, F4, EA6, F14 acft start run-up 300' down rwy prior to tkf to prevent asphalt and lgt system damage. Aflid limited to base assign acft only from 0530-1330Z† Tue-Sat and 2300-1500Z† Sun and Mon. Large/heavy acft req u-turn on rwy, make left turns at rwy end on the concrete portion. Avoid over flight radar domes NW Rwy 14-32. Aerodrome limited to wing assigned F16 alert acft only from Tues-Sat 0530-1330Z†, and Sun and Mon 2300-1500Z†. Twy L cldd to all transient acft. For normal day to day ops, acft other than F-16's may be held on the tran apron or other twy/apron waiting for wing assign acft to clear the arm/dearm area. **CAUTION** Friction tests indicate potentially haz condition at the touchdown areas of Rwy 32 and Rwy 14 during wet condition due to low friction, especially rgt of center. The haz areas slow up at 1000-2500' from the thld. High mid-air collision potential, extreme vigilance rqr. High FOD potential on Twy M east of Twy W due to pavement breakup. Heavy bird activity during peak migration periods (BASH Phas II Mar-May and Oct-Nov) may pose a potential hazard to acft, especially during morning/evening hours. All other months Phase I. Ctc ATIS or PTD for current bird watch condition. Possible crosswind hazard Rwy 14-32. Unlgt'd fence around aflid. Heavy commercial tfc on Denver Intl Rwy 35 ILS course between 6500' and 12000' 2 NM east of Buckley. Heavy uncontrolled general aviation VFR tfc from Centennial 9 NM southwest. Tfc is concentrated from sfc to 10000' south, southeast and east of Buckley Class D Airspace. Ldg illusion exists on short final Rwy 14. Terrain rises short of thld then descends for 2000' creating illusion of acft being hi on final and excessive ground rush. Unlighted obstruction southwest of Rwy 32. Unlighted fence around aflid. Extra caution should be used during ngt ldg. Avoid over flight of firing range located 890' left of cntrln and 1 NM at apch end Rwy 32 when red bcn is on or red flag is displayed. **TFC PAT** Rwy 32 left tfc, Rwy 14 rgt tfc, overhead 7202(1537). Fighter acft expect cldd tfc and overhead pattern east of Buckley for noise avoidance. **MISC** First 3836' Rwy 14, first 1710' Rwy 32 concrete, middle 5460' Rwy 14-32 asphalt. Protocol, except priority refueling, not avbl. Four engine acft taxi with inboard engine only prior to departure/after ldg for Foreign Object Damage Control. Aerodrome const area W side Rwy 32 thld aprx 500' from edge of rwy; non-frangible conc scraps located in vcnty. Aflid management does not issue or store COMSEC. **ARNG** Blackjack Ops DSN 250-1623/20 C720-250-1623/20. **CSTM/AG/IMG** Svc ltd to 140th wing acft and AMC acft supporting 140th wing msn only.

AIRPORT MANAGER: 720-847-9650

COMMUNICATIONS: ATIS 119.675 259.3 PTD 372.2

® **DENVER APP/DEP CON** 128.45 251.075

TOWER 121.0 291.675 (1330-0530Z† Tue-Sat, 1500-2300Z† Sun-Mon) **GND CON** 121.6 275.8 **CLNC DEL** 121.6 275.8 **PMSV METRO** 228.45

ARMY OPS (OUTLAW) 149.1 308.1 32.5

AIRSPACE: CLASS D svc 1330-0530Z† Tue-Sat, 1500-2300Z† Sun-Mon other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE DEN.

(L) **TACAN** Chan 33 BKF (109.6) N39°42.44' W104°45.14' at fld. 5594/8E. No NOTAM MP: 1500-1700Z† Mon. unmonitored 0530-1330Z†.

ILS/DME 109.7 I-BKF Chan 34 Rwy 32. Class IE.

BUENA VISTA

CENTRAL COLORADO RGNL (AEJ)(KAEJ) 2 S UTC-7(-6DT) N38°48.85' W106°07.24'

DENVER
H-3F, 5A, L-9E
IAP

7950 B NOTAM FILE DEN

Rwy 15-33: H8303X75 (ASPH) S-30, D-30 PCN 12 F/B/X/U MIRL

Rwy 15: PAPI(P2L)—GA 3.0° TCH 42'. Rgt tfc.

Rwy 33: PAPI(P2L)—GA 3.0° TCH 41'. 0.7% up.

SERVICE: S2 **FUEL** 100LL, JET A **LGT** Rwy 33 PAPI unusable byd 9° left of course. **ACTIVATE** MIRL Rwy 15-33 and PAPI Rwy 15 and Rwy 33—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1500-2300Z‡. For svc after hrs call 719-395-3496. Deer on and invof arpt. All twys marked with blue/yellow reflectors. -3' drainage ditch 170' east of Rwy 15-33 centerline, full length. Cold temperature rstd arpt. Altitude correction required at or blo -25C.

AIRPORT MANAGER: 719-395-3496

WEATHER DATA SOURCES: AWOS-3 132.925 (719) 395-2599.

COMMUNICATIONS: CTAF/UNICOM 122.8

DENVER CENTER APP/DEP CON 119.85

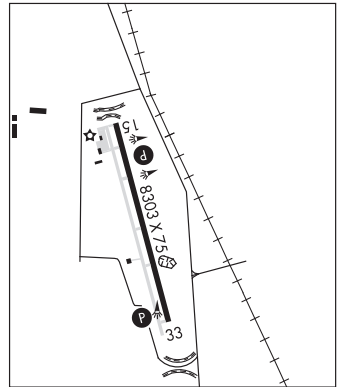
RADIO AIDS TO NAVIGATION: NOTAM FILE DEN.

BLUE MESA (H) VORW/DME 114.9 HBU Chan 96 N38°27.13'

W107°02.38' 049° 48.4 NM to fld. 8740/14E.

DME portion unusable.

315°-325° byd 27 NM blo 17,500'



BURLINGTON

KIT CARSON CO (ITR)(KITR) 3 S UTC-7(-6DT) N39°14.55' W102°17.12'

WICHITA
H-5A, L-10G
IAP

4218 B NOTAM FILE ITR

Rwy 15-33: H5199X75 (ASPH) S-17, D-17 MIRL 0.3% up NW

Rwy 15: REIL. PAPI(P4L)—GA 3.0° TCH 31'.

Rwy 33: REIL. PAPI(P4L)—GA 3.0° TCH 32'.

SERVICE: S4 **FUEL** 100LL, JET A1+ **LGT** ACTIVATE MIRL Rwy 15-33 PAPI and REIL Rwy 15 and Rwy 33—CTAF.

AIRPORT REMARKS: Attended dalgt hours. 24 hr self svc fuel avbl. Be alert, intensive USAF student training invof Colorado Springs and Pueblo Colorado. Twy marked with blue reflectors. See Special Notices—USAF 306 FTG Flight Training Areas, Vicinity of Colorado Springs and Pueblo Colorado.

AIRPORT MANAGER: 719-346-5352

WEATHER DATA SOURCES: ASOS 135.225 (719) 346-7036.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **DENVER CENTER APP/DEP CON** 132.7

RADIO AIDS TO NAVIGATION: NOTAM FILE GLD.

GOODLAND (H) VORTACW 115.1 GLD Chan 98 N39°23.27'

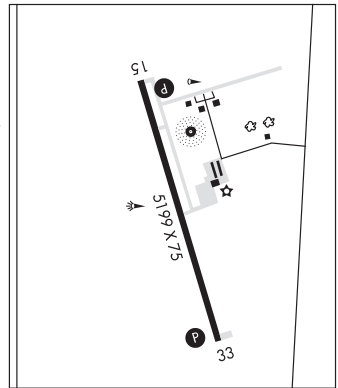
W101°41.54' 241° 29.0 NM to fld. 3654/12E. **HIWAS.**

NDB (MHW) 209 ITR N39°14.77' W102°17.03' at fld.

4201/6E. NOTAM FILE ITR. NDB unmonitored 2330-1330Z‡

daily.

LOC/DME 111.9 I-OBG Chan 56 Rwy 33. Class IT. Unmonitored 2330-1330Z‡ daily.



BUTTS AAF (FORT CARSON) (FCS)(KFC)S A 3 S UTC-7(-6DT) N38°40.78' W104°45.66' **DENVER**
5874 B TPA—See Remarks NOTAM FILE FCS Not insp. **L-10F**
RWY 13-31: H4572X75 (ASPH) PCN 9 F/D/W/T MIRL **DIAP**
RWY 13: PAPI(P4L).
RWY 31: PAPI(P4L).
RWY 04-22: H2307X75 (ASPH)

SERVICE: MILITARY— FUEL Opr 1430-2130Z† Mon-Fri exc hol. PPR for tran fuel. J8.

MILITARY REMARKS: Opr 1200-1200Z† Mon-Thu, 1200-0400Z† Fri-Sun, exc New Years Day, Thanksgiving and Christmas.
Base Ops 1400-0600Z† Mon-Thu, 1400-0500Z† Fri, clsd holidays. **RSTD** PPR DSN 691-3935/3936,
C719-526-3936/3935. Rwy 31 runup area clsd. **CAUTION** Extensive artillery and small arms firing. During periods of
strong southwest surface winds, expect structure and terrain generated turbulence with wind shear near the apch end Rwy
13. Rwy 13-31 NSTD markings and lighting, twy all NSTD markings and lighting, Twy B VFR ops only SR to SS, NVD
ops only SS to SR. **TFC PAT** TPA—Multi engine fixed wing NSTD tfc Rwy 13-31 east tfc 7335(1461). All others: rotary
wing 6635(761), fixed wing 6835(961). **MISC** 500' overrun on northwest end of rwy, acft may taxi in this area, unuse to
fixed wing acft for tkof/dg/rollout. Wx technician (DSN 691-3620, C719-526-3620), avbl 1200-1200Z† Mon-Thu,
1200-0400Z† Fri-Sun, except holidays. Wx brief for aircrew byd normal duty hr avbl 24 hrs via 25th OWS
<https://25OWS.DM.AF.MIL>, DSN 228-6598/6599. Units temporary assigned are required to coordinate wx support IAW
AFMAN 15-129. Automated obs are avbl 24/7. Augmented wx obs view restricted from 180°-270° and 310°-340° by
flightline facility and bldgs.

AIRPORT MANAGER: 719-526-2017

WEATHER DATA SOURCES: AWOS-3 125.0 (719) 637-9696.

COMMUNICATIONS: ATIS 108.8 PTD/OPS 138.75

® **SPRINGS APP/DEP CON** 124.0 257.875

TOWER 125.5 229.4 239.3 41.50 (Opr 24 hrs, from 1300Z† Mon-0500Z† Thur, 1300-0500Z† Fri-Sun, clsd New Years
Day, Thanksgiving and Christmas.)

PMSV METRO 44.1 (Wx technician DSN 691-3620, C719-526-3620 avbl 1200-1200Z† Mon-Thu, 1200-0400Z†
Fri-Sun except holidays. Wx brief for aircrew byd normal duty hr avbl 24 hr via 25 OWS <https://25ows.dm.af.mil>, DSN
228-6598/6599).

OPS 141.15

FLT FLW 38.55 138.15 Carson RDO opr 24 hrs exc New Years Day, Thanksgiving and Christmas. (When Butts RDO is
clsd ctc range control 38.90 for ops in R2601. AVN traning area (ATA) air to air frequency assignment. Acft opr in ATA
1-3 will monitor from 37.200. Acft opr in ATA 4-7 will monitor from 68.750. All acft will monitor the appropriate training
area frequency when opr within R2601. When opr multi-ship only one acft is reqd to monitor the training area frequency.
Training area frequency ae for tfc advisory and deconfliction and wll not be used for tactical internal ttc.)

AIRSPACE: CLASS D svc 24 hrs 1300Z† Mon-0500Z† th, 1300-0500Z† Fri-Sun, clsd New Years, Thanksgiving, Christmas
other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE FCS.

(T) **VOR/DME** 108.8 FCS Chan 25 N38°40.84' W104°45.41' at fld. 5849/12E.
VOR unusable:
050°-070° byd 10 NM blo 15,000'
VOR/DME unusable:
230°-305° byd 10 NM blo 15,000'

IRONHORSE NDB (MHW) 335 IHS N38°40.71' W104°45.19' at fld. 5846/12E. NOTAM FILE DEN. unmonitored
Thanksgiving, 25 Dec and 1 Jan.
NDB unusable
210°-300° byd 20 NM blo 20,000'

• • • • •

HELIPAD H1: H40X40 (ASPH)

CALHAN (5V4) 1 N UTC-7(-6DT) N39°02.90' W104°17.58'
6450 TPA-7250(800) NOTAM FILE DEN

DENVER

RWY 17-35: 4565X50 (TURF-GRVL) LIRL(NSTD)

RWY 17: TRCV(TRIL). Road.

RWY 35: Trees. Rgt tfc.

SERVICE: S2 **FUEL** 100LL **LGT** Rwy 17-35 NSTD LIRL, north 3000' rwy lgtd. ACTIVATE NSTD LIRL Rwy 17-35 and VASI Rwy 17 CTAF.

AIRPORT REMARKS: Attended irregularly. Vehicles crossing rwy. Rwy 17-35 width varies from 50' to 100'. Rwy 17 first 1250' 45' wide artificial turf. Be alert, intensive USAF student training invof Colorado Springs and Pueblo Colorado. Aerobatic practice area 1/2 mile west of Rwy 17-35 300' AGL to 10,000' MSL. South end rwy has side slope. -6' ditch 40' west of centerline. Ground raises on east side of rwy. Rwy 17 has +4' fence 320' from thld and 3' ditch 290' from thld obstruction, +25' P-pole 400' from thld 110' R of centerline, +8' sign 340' from thld 70' R of centerline, +10' road 300' from thld obstruction. Rwy 17-35 has +4' fence 165' from and parallel to rwy centerline W side of rwy full length. Rwy 17-35 has +15' road 110' from and parallel to rwy centerline W side of rwy full length. Rwy 35 has +4' fence 200' from thld obstruction, +20' trees 70' west of centerline for first 500' of rwy, +25' P-line 850' from thld obstruction. See Special Notices USAF 306 FTG Flight Training Areas, Vicinity of Colorado Springs and Pueblo Colorado.

AIRPORT MANAGER: 719-338-2149

COMMUNICATIONS: CTAF/UNICOM 122.725

CANON CITY

FREMONT CO (1V6) 6 E UTC-7(-6DT) N38°25.71' W105°06.41'
5442 B TPA-6500(1058) NOTAM FILE DEN

DENVER

H-3F, 5A, L-10F

RWY 11-29: H5399X75 (ASPH) S-26, D-26 MIRL 1.1% up NW

RWY 11: REIL. PAPI(P2R)-GA 3.0° TCH 30'.

RWY 29: REIL. PAPI(P2L)-GA 3.0° TCH 40'.

RWY 17-35: 1800X35 (TURF-GRVL) 1.2% up N

RWY 17: Bldg.

SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 2 **LGT** Rwy 11 PAPI OTS indef. ACTIVATE MIRL Rwy 11-29, PAPI and REIL Rwy 11 and Rwy 29-CTAF.

AIRPORT REMARKS: Attended 1500-0000Z†. After hrs phone 719-429-3816. Parachute Jumping. Glider towing invof arpt. Glider ops on and invof arpt. Be alert, intensive USAF student training invof Colorado Springs and Pueblo Colorado. Rwy 17 has +32' hangar 1495' from thld 100' right of centerline. Rwy 17 has a 20' building 66' left of rwy centerline, 105' remaining from rwy end. 2' terrain W of Rwy 17-35 first 250' south of Rwy 11-29. Rwy 17-35 north 1491' grvl, south 1695' turf, Rwy 17-35 crosses asph twy and Rwy 11-29. Rwy 17-35 varies in width from 35' to 45'. Rwy 17-35 prairie dog holes throughout. All paved twys marked with blue and white reflectors. See Special Notices-USAF 306 FTG Flight Training Areas, Vicinity of Colorado Springs and Pueblo Colorado.

AIRPORT MANAGER: 719-784-3816

WEATHER DATA SOURCES: AWOS-3 120.025 (719) 784-2014.

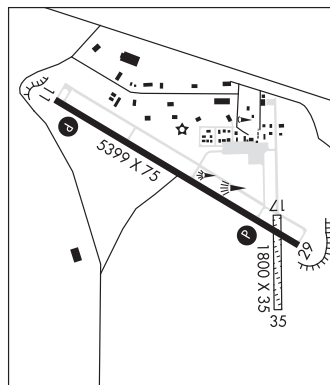
COMMUNICATIONS: CTAF/UNICOM 122.8

DENVER APP/DEP CON 120.1 (1300-0500Z‡)

DENVER CENTER APP/DEP CON 128.375 (0500-1300Z‡)

RADIO AIDS TO NAVIGATION: NOTAM FILE PUB.

PUEBLO (H) VORTACW 116.7 PUB Chan 114 N38°17.66' W104°25.77' 276° 33.0 NM to fld. 4759/8E.



IAP

CASSE N39°27.12' W104°50.75' NOTAM FILE APA.
NDB (HW/LOW) 260 AP 351° 7.1 NM to Centennial. 6415/8E.

DENVER

L-10F, A

CENTENNIAL (See DENVER on page 263)

CENTER

LEACH (1V8) 4 NE UTC-7(-6DT) N37°47.10' W106°02.82'
7598 B NOTAM FILE DEN

DENVER
H-3F, 5A, L-9E

RWY 12-30: H7000X50 (ASPH) S-12 LIRL

RWY 12: Thld dsplcd 204'. Bldg. Rgt tfc.

RWY 30: PAPI(P2L). Thld dsplcd 1314'. P-line.

SERVICE: FUEL 100LL LGT ACTIVATE LIRL Rwy 12-30—CTAF.

AIRPORT REMARKS: Unattended. Rwy 12-30 has +12' sprinklers along both sides of rwy 54' from centerline full length of rwy. Rwy 12 dsplcd thld markings missing. Rwy 12 has 135' nighttime dsplcd thld.

AIRPORT MANAGER: 719-655-2554

COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE ALS.

ALAMOSA (H) VORTACW 113.9 ALS Chan 86 N37°20.95' W105°48.93' 324° 28.4 NM to fld. 7535/13E.

VORTAC unusable

150°-180° byd 35 NM blo 11,600'

025°-045° byd 25 NM blo 15,900'

CENTRAL COLORADO RGNL (See BUENA VISTA on page 253)

CITY OF COLORADO SPRINGS MUNI (See COLORADO SPRINGS on page 257)

CITY OF LAS ANIMAS – BENT CO (See LAS ANIMAS on page 281)

COLLN N40°21.79' W104°58.28' NOTAM FILE FNL.
NDB (LOMW) 400 FN 332° 5.6 NM to Northern Colorado Rgnl. 4957/9E.

CHEYENNE

COLORADO PLAINS RGNL (See AKRON on page 247)

COLORADO SPRINGS

CITY OF COLORADO SPRINGS MUNI (COS)(KCOS) P (AF AFRC) 6 SE UTC-7(-6DT) N38°48.35'

DENVER
H-3F, 5A, L-10F
IAP, AD

W104°42.05'
6187 B LRA Class I, ARFF Index C NOTAM FILE COS

RWY 17L-35R: H13501X150 (CONC-GRVD) S-120, D-250, 2S-175, 2D-550, 2D/2D2-1120 PCN 95 R/B/W/T HIRL CL

RWY 17L: MALSR. TDZL. PAPI(P4L)—GA 3.0° TCH 53'. RVR-TR 0.6% down.

RWY 35R: TDZL. REIL. PAPI(P4R)—GA 3.0° TCH 72'. RVR-TR 0.6% up.

RWY 17R-35L: H11022X150 (ASPH-GRVD) S-120, D-250, 2S-175, 2D-550, 2D/2D2-1120 PCN 99 F/B/X/T HIRL

RWY 17R: REIL. PAPI(P4L)—GA 3.0° TCH 55'. 1.2% down.

RWY 35L: MALSR. PAPI(P4L)—GA 3.0° TCH 71'. RVR-T 1.2% up.

RWY 13-31: H8270X150 (ASPH-GRVD) S-120, D-171, 2S-175, 2D-279, 2D/2D2-691 PCN 48 F/C/X/T MIRL

RWY 13: REIL. PAPI(P4R)—GA 3.0° TCH 65'. 0.3% down..

RWY 31: REIL. PAPI(P4L)—GA 3.04° TCH 52'. Hld dspcd 356'. Hill. 0.6% up..

LAND AND HOLD—SHORT OPERATIONS

| LDG RWY | HOLD—SHORT POINT | AVBL LDG DIST |
|---------|------------------|---------------|
| RWY 31 | 17R-35L | 7450 |
| RWY 35L | 13-31 | 10250 |

RUNWAY DECLARED DISTANCE INFORMATION

| |
|--|
| RWY 13: TORA-8269 TODA-8269 ASDA-8269 LDA-8269 |
| RWY 17L: TORA-13501 TODA-13501 ASDA-13501 LDA-13501 |
| RWY 17R: TORA-11022 TODA-11022 ASDA-11022 LDA-11022 |
| RWY 31: TORA-8269 TODA-8269 ASDA-8269 LDA-7913 |
| RWY 35L: TORA-11022 TODA-11022 ASDA-11022 LDA-11022 |
| RWY 35R: TORA-13501 TODA-13501 ASDA-13501 LDA-13501 |

SERVICE: S4 **FUEL** 100LL, JET A **OX 1** **LGT** Lgtd windsock apch Rwsy 17L, 35R, 17R and 35L, 13 and 31. For REIL Rwy 13 and Rwy 31 and Rwy 17R ctc twr. REIL Rwy 13 O/S UFN. **MILITARY—** JASU 2(MA32A-60A), 2(MA32-86A), 2(AM32A-95), 1(SGNC), 2(B809D-Generators). **FUEL** A++(MIL). A, A+ (C719-591-2288.) (NC-100LL) **FLUID** PRESAIR LHOX; LOX-LOX and hi pressure air ltd. **OIL** 0-133-148-156(Mil) **TRAN ALERT** Ltd USAF tran svc avbl 1300-0500Z±, clsd hol; refuel svc extremely ltd after 0430Z±. No out and back msn auth Fri thru Sun, OT rqr coord and apvl when obtaining PPR. Maint drag chutes and packing not avbl for tran acct. Mil fleet svc avbl ltd basis for lav, water and ice only. Prior coord rqr. Life support extremely ltd and avbl only dur nml duty hr 1300-2200Z±. Hgr space extremely ltd for tran acct.

AIRPORT REMARKS: Attended continuously. Waterfowl and migratory bird activity on and invof arpt. Acft transporting hazard cargo ctc afld mgmt on 318.05 30 minutes prior to arrival. Turbojet trng flts prohibited 0600-1300Z±. B52 ops prohibited. GA ramp between Twy A3 and A4 clsd to acct with wingspan more than 135'. Be alert, intsv USAF student trng invof Colorado Springs and Pueblo Colorado. Portions of Twys A, B, E, F, G, and M are blocked from view from the twr by obst. Portions of Twy C and Rwy 17R-35L are blocked from view from the twr when the infield mil operation sfc is occupied by a C17 or C5. Insufficient twy corner fillets pavement for cntrln twy for acct with wingspans greater than 117' at Twys A2, A3, A4, B2, and B3. When crossing Rwy 17R-35L from A1 to B1 or B1 to A1, be aware you will not see A1 or B1 depending on direction crossing until you crest Rwy 17R-35L. When crossing from A1 to B1 travel northeast and from B1 to A1 travel southwest. These acct should use judgemental oversteer at those twys. Cstmns avbl for all mil/civ acct. Ctc US Customs 719-574-6607. See Special Notices—USAF 306 FTG Flight Training Areas, Vicinity of Colorado Springs and Pueblo Colorado.

AIRPORT MANAGER: (719) 550-1910

WEATHER DATA SOURCES: ASOS 125.0 (719) 637-9696. LLWAS.

COMMUNICATIONS: ATIS 125.0 719-596-7040 **UNICOM** 122.95 **PTD** 122.85 (Ltd to Peterson Ramp Only)

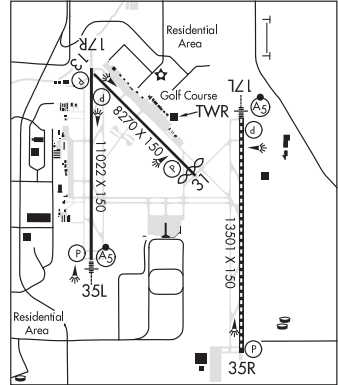
BLACK FOREST RCO 122.25 (DENVER RADIO)

Ⓡ **SPRINGS APP CON** 120.6 124.0

Ⓡ **SPRINGS TOWER** 119.9 133.15 **GND CON** 121.7 **CLNC DEL** 134.45

Ⓡ **SPRINGS DEP CON** 124.0

AIRSPACE: CLASS C svc ctc APP CON



CONTINUED ON NEXT PAGE

CONTINUED FROM PRECEDING PAGE

VOR TEST FACILITY (VOT) 110.4

RADIO AIDS TO NAVIGATION: NOTAM FILE DEN.

BLACK FOREST (L) VOR/DME 112.5 BRK Chan 72 N38°56.67' W104°38.01' 193° 8.9 NM to fld. 6934/8E.

VOR/DME unusable:

305°-045° byd 27 NM blo 13,000'

330°-045° byd 20 NM blo 10,500'

DME unusable:

210°-230° byd 30 NM blo 17,000'

230°-250° byd 30 NM blo 17,900'

250°-267° byd 30 NM blo 17,000'

PETEY NDB (MHW/LOM) 407 CO N38°41.66' W104°42.98' 358° 6.7 NM to fld. 5574/8E. NOTAM FILE COS.

ILS/DME 109.1 I-LPI Chan 28 Rwy 17L. Class IIE.

ILS 109.9 I-COS Rwy 35L. Class IE. LOM PETEY NDB. LOC unusable byd 25° left of centerline. TCH is higher than standard. LOC unusable byd 8 NM 10° left of centerline.

ILS/DME 109.1 I-AHI Chan 28 Rwy 35R. Class IE. LOC front course unusable byd 15° left of course byd 8 NM due to military restricted airspace.

COMM/NAV/WEATHER REMARKS: Wx opr H24, incl hol; ctc DSN 834-4337.

MEADOW LAKE (FLY)(KFLY) 14 NE UTC-7(-6DT) N38°56.74' W104°34.19'

6874 B NOTAM FILE DEN

DENVER

H-5A, L-10F

RWY 15-33: H6000X60 (ASPH) S-12.5 MIRL 1.4% up NW

RWY 15: PAPI(P2L)—GA 3.5° TCH 43'. Road.

RWY 33: PAPI(P2L)—GA 3.0° TCH 40'. Rgt tfc.

RWY 08-26: H2084X35 (ASPH-GRVL)

RWY 08: P-line. Rgt tfc.

RWY 26: Road.

RWY N-S: H1800X15 (ASPH-TURF)

RWY S: Ground.

SERVICE: S4 FUEL 100LL OX2 LGT ACTIVATE MIRL Rwy 15-33, PAPI Rwy 15 and Rwy 33—CTAF.

AIRPORT REMARKS: Attended 1500-0000Z. Wildlife on and invof arpt. Rwy 15-33 CLOSED to acct over 18,500 pounds. Be alert, intensive USAF student training invof Colorado Springs and Pueblo Colorado. Rwy 26 +4' fence 50' right of centerline 40' west of thld. Rwy 08-26 primarily used as a twy, emerg only use rwy. Road 15' north and parallel to Rwy 08-26. Gliders operating SW of Rwy 15-33. Powered paragliders and mobile aerostats opr southeast side of arpt sfc -500'. Twy E numerous potholes indef. Ultralights operating in vicinity of arpt. Rwy 15 is recommended for txf, touch and go lds when effective tail wind is less than 5 kts. Rwy 08-26 east 1100' grvl, west 925' asph. Rwy 26 has—4' terrain 5' from rwy edge first 100' on both sides. Rwy N-S north 1530' paved with asph. Rwy 08-26 edge marked with yellow tires. N/S rwy has edges and thlds marked with white tires. See Special Notices—USAF 306 FTG Flight Training Areas, Vicinity of Colorado Springs and Pueblo Colorado.

AIRPORT MANAGER: 719-339-0928

WEATHER DATA SOURCES: AWOS-3PT 118.450 (719) 683-5371.

COMMUNICATIONS: CTAF/UNICOM 122.7

RADIO AIDS TO NAVIGATION: NOTAM FILE DEN.

BLACK FOREST (L) VOR/DME 112.5 BRK Chan 72 N38°56.67' W104°38.01' 081° 3.0 NM to fld. 6934/8E.

VOR/DME unusable:

305°-045° byd 27 NM blo 13,000'

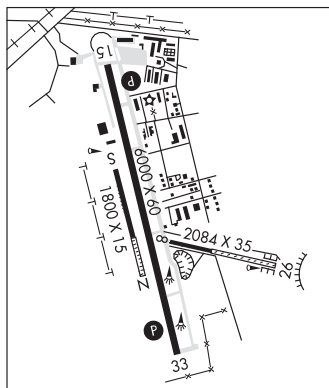
330°-045° byd 20 NM blo 10,500'

DME unusable:

210°-230° byd 30 NM blo 17,000'

230°-250° byd 30 NM blo 17,900'

250°-267° byd 30 NM blo 17,000'



CONES N38°02.42' W108°15.51' NOTAM FILE DEN.

(L) VOR/DME 110.2 ETL Chan 39 095° 17.4 NM to Telluride Rgnl. 8460/12E. VOR/DME unmonitored.

DENVER

L-9E

VOR/DME unusable:

078°-090° byd 30 NM

115°-125° byd 25 NM

145°-175° byd 25 NM

350°-360° byd 35 NM

COPPER MOUNTAIN CCU N39°28.50' W106°09.15' /12075

AWOS-3 118.075 (970) 968-1715

DENVER

L-9E

CORTEZ MUNI (CEZ)(KCEZ) 3 SW UTC-7(-6DT) N37°18.18' W108°37.68'
5918 B NOTAM FILE CEZ

DENVER
H-4K, L-8H, 9D
IAP, AD

RWY 03-21: H7205X100 (ASPH-PFC) S-40, D-56 MIRL

RWY 03: REIL. PAPI(P4L)—GA 3.0° TCH 46'. Trees.

RWY 21: REIL. VASI(V4L)—GA 3.0° TCH 50'. Road.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 03: TORA-7205 TODA-7205 ASDA-7205 LDA-7205

RWY 21: TORA-7205 TODA-7205 ASDA-7205 LDA-7205

SERVICE: S4 FUEL 100LL, JET A QX 1 LGT ACTIVATE MIRL Rwy 03-21, REIL Rwy 03-21—CTAF.

AIRPORT REMARKS: Attended dawn-dusk. PPR for unscheduled air carrier operations with more than 30 passenger seats ctc arpt manager 970-565-7458. Acft greater than 20,000 lbs dual wheel rstd to twy connector A2, back taxi on rwy to and from twy connector A2 to apron. Cold temperature rstd arpt. Altitude correction required at or below -25C. Ldg fee.

AIRPORT MANAGER: 970-565-7458

WEATHER DATA SOURCES: ASOS 135.625 (970) 564-0193.

COMMUNICATIONS: CTAF/UNICOM 122.8

RCO 122.3 (DENVER RADIO)

DENVER CENTER APP/DEP CON 118.575

AIRSPACE: CLASS E svc 1300-0500Z†, except holidays.

RADIO AIDS TO NAVIGATION: NOTAM FILE CEZ.

(L) VORW/DME 108.4 CEZ Chan 21 N37°23.39' W108°33.71' 197° 6.1 NM to fld. 6223/14E.

DME unusable:

060°-102° byd 22 NM blo 18,000'

102°-131° byd 18 NM blo 18,000'

131°-141° byd 18 NM blo 14,000'

131°-141° byd 32 NM blo 18,000'

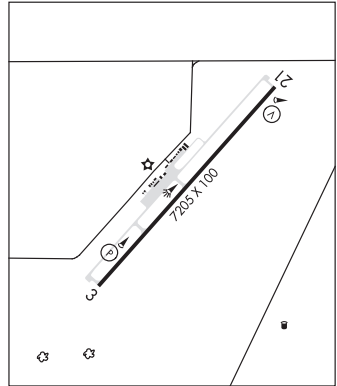
141°-174° byd 18 NM blo 18,000'

174°-192° byd 22 NM blo 18,000'

209°-025° byd 22 NM blo 18,000'

VOR unusable:

210°-230° byd 20 NM blo 11,500'



CRAIG-MOFFAT (CAG)(KCAG) 2 SE UTC-7(-6DT) N40°29.71' W107°31.30'
6198 B NOTAM FILE CAG

CHEYENNE
H-3E, L-9E, 11E
IAP

RWY 07-25: H5606X100 (ASPH) S-35, D-40 MIRL

RWY 07: REIL. P-line.

RWY 25: REIL. PAPI(P4L)—GA 3.0° TCH 32'. Tree.

SERVICE: FUEL 100LL, JET A LGT MIRL Rwy 07-25 preset low ints, to increase ints and ACTIVATE MIRL Rwy 07-25, REIL Rwy 07 and Rwy 25, and PAPI Rwy 25—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1500-0000Z† Sat-Sun irregularly. Wildlife on and in/ov arpt. Rwy 25 has +10' road 340' from thld obstruction, +41' trees 1185' from thld 50' left of centerline, +75' trees 4000' from thld. Cold temperature rstd arpt. Altitude correction required at or blo -26C.

AIRPORT MANAGER: 970-824-9148

WEATHER DATA SOURCES: ASOS 135.425 (970) 824-2373.

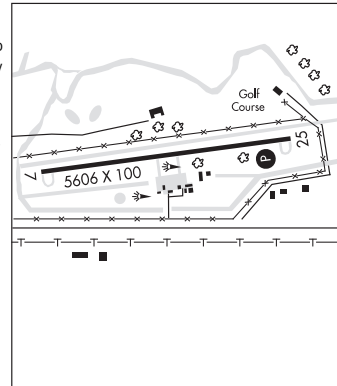
COMMUNICATIONS: CTAF/UNICOM 122.8

DENVER CENTER APP/DEP CON 120.475

RADIO AIDS TO NAVIGATION: NOTAM FILE DEN.

HAYDEN (H) VORW/DME 115.6 CHE Chan 103 N40°31.20'

W107°18.29' 248° 10.0 NM to fld. 7271/14E.



CRAWFORD (99V) 2 W UTC-7(-6DT) N38°42.25' W107°38.62'
6470 TPA—7270(800) NOTAM FILE DEN

DENVER
L-9E

RWY 07-25: H4900X20 (ASPH) LIRL(NSTD)

RWY 07: VASI(NSTD). Trees.

RWY 25: Tree. Rgt tfc.

RWY E-W: 2500X125 (TURF)

RWY E: Rgt tfc.

RWY W: Trees.

SERVICE: S2 LGT Arpt lgts opr dusk 0800Z±. Rwy 07 1 VASI box on left and right side of rwy. For local operators only or PPR call 970-921-7700. Rwy 07-25 has LIRL on N side on rwy for center 1600' beginning 1200' east of Rwy 07. No thld lgts. Rwy 07-25 3800' usable for ngt ops. Rwy 07-25 NSTD LIRL, Rwy 07-25 has LIRL only on north side on rwy for center 1600' beginning 1200 east of Rwy 07 thld. No thld lgts. Rwy 07-25 3800' usable for night opr. Rwy 07 NSTD VASI, has 1 VASI box on left and right side of rwy. For local opr only or PPR call 970-921-7700.

AIRPORT REMARKS: Attended continuously. Rwy 07-25 west 1300' only 25' wide. Glider ops invof arpt. Land to the east tkf to the west winds permitting. 100LL fuel avbl for emerg use only. Pedestrians, motor vehicles, deer and wildlife on and invof arpt. Unlimited vehicle use on arpt. Rwy West has +35' building 170' west of thld 30' left, +10' road 100' from thld centerline. +15' tree 150' from thld 0B. -8' to -20' terrain off both sides of first 674' of Rwy 25 end. E-W rwy consists of +12 inch alfalfa vegetation during various times of the year. Rwy 07 has 40' trees and -10' to -20' terrain 20' right of rwy first 150'. Rwy 25 has +20' trees 300' from thld 0B. Rwy 25 has 50' water tanks 900' from thld on extended centerline. +2' electric box 150' from thld 30' right. +10' road 100' from thld 0B. Rwy E has +20' trees at thld 150' right of centerline, +10' trees 150' from thld 0B.

AIRPORT MANAGER: 970-921-7700

COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE MTJ.

MONTROSE (H) VORW/DME 117.1 MTJ Chan 118 N38°30.39' W107°53.96' 033° 16.9 NM to fld. 5713/12E.
vDME unmonitored.

DME unusable:

011°-090° byd 26NM blo 15,000'

190°-250° byd 25 NM blo 15,000'

VOR unusable:

060°-090° byd 26NM blo 16,000'

190°-250° byd 25 NM blo 15,000'

CREEDE

MINERAL CO MEM (C24) 2 E UTC-7(-6DT) N37°49.33' W106°55.79'

DENVER
H-3E, L-9E

8680 NOTAM FILE DEN

RWY 07-25: H6880X60 (ASPH) S-12.5

RWY 07: Thld dsplcd 188'.

RWY 25: Road.

SERVICE: FUEL 100LL, JET A

AIRPORT REMARKS: Unattended. Elk and deer on and invof arpt. Glider and hang glider activity on and in vicinity of arpt.

Mountains in all directions. Departure to NE avoid over flight of trailers and resident homes, climb to 200' above ground level on centerline extended prior to turn.

AIRPORT MANAGER: 719-658-2360

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE DEN.

BLUE MESA (H) VORW/DME 114.9 HBU Chan 96 N38°27.13' W107°02.38' 158° 38.1 NM to fld. 8740/14E.

DME portion unusable:

315°-325° byd 27 NM blo 17,500'

CUCHARA VALLEY AT LA VETA (See LA VETA on page 280)

DEL NORTE

ASTRONAUT KENT ROMINGER (RCV)(KRCV) 3 N UTC-7(-6DT) N37°42.83' W106°21.12'

DENVER
H-3E, L-9E
IAP

7955 B NOTAM FILE DEN

RWY 06-24: H6051X75 (ASPH) MIRL 1.1% up SW

RWY 06: REIL. PAPI(P2L)—GA 4.0° TCH 43'.

RWY 24: REIL. PAPI(P2L)—GA 3.0° TCH 40'.

RWY 03-21: 4812X60 (TURF-DIRT)

RWY 21: Road.

SERVICE: FUEL 100LL LGT Rwy 06 PAPI unusable byd 5° rgt of crs. ACTIVATE MIRL Rwy 06-24, PAPI Rwy 06 and Rwy 24, REIL Rwy 06 and Rwy 24 via CTAF. REIL Rwy 06 and Rwy 24 only operable at night.

AIRPORT REMARKS: Unattended. Wildlife on and invof arpt. Unltd vehicle access on arpt. Mountainous terrain surrounds arpt in all directions. Rwy 03-21 has numerous holes on the north 500' and is very rough throughout. Rwy 21 has +8' sign 20' from thld 10' rgt of cntrln.

AIRPORT MANAGER: 719-850-2094

WEATHER DATA SOURCES: AWOS-3PT 118.275 (719) 657-9017.

COMMUNICATIONS: CTAF 122.9

Ⓡ **DENVER CENTER APP/DEP CON** 128.375

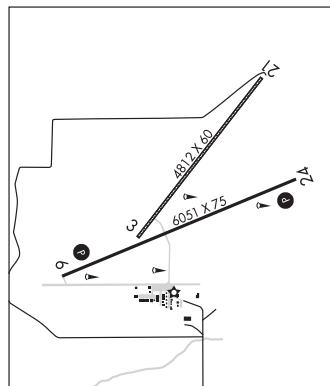
RADIO AIDS TO NAVIGATION: NOTAM FILE ALS.

ALAMOSA (H) VORTACW 113.9 ALS Chan 86 N37°20.95' W105°48.93' 298° 33.7 NM to fld. 7535/13E.

VORTAC unusable

150°-180° byd 35 NM blo 11,600'

025°-045° byd 25 NM blo 15,900'



DELTA

BLAKE FLD (AJZ)(KAJZ) 3 N UTC-7(-6DT) N38°47.19' W108°03.82'

DENVER
H-3E, L-9E
IAP

5193 B TPA-6200(1007) NOTAM FILE DEN

RWY 03-21: H5598X75 (ASPH) S-30, D-30 MIRL 1.5% up NE

RWY 03: PAPI(P2L)—GA 3.0° TCH 38'. Rgt tfc.

RWY 21: PAPI(P2L)—GA 3.0° TCH 33'.

SERVICE: S3 FUEL 100LL OX3 LGT ACTIVATE MIRL Rwy 03-21 and PAPI Rwy 03 and Rwy 21—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1500-0000Z. 24 hr self serve fuel avbl. After hrs emerg phone Sheriff Department at 970-874-2000/after hrs svc 970-209-0883. Plines 2640' NW Rwy 03-21, +52' AGL. Rwy 21 has turn around taxi has blue/white reflectors. Rwy 03 has +4' fence 580' from thld 0B. Antelope on and invof arpt. Rwy 03-21 has 4' bushes 15-20' from rwy edge on both sides in various places. Rwy 03-21 slopes up to the NE.

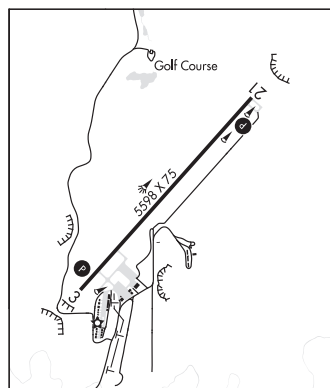
AIRPORT MANAGER: 970-874-5181

WEATHER DATA SOURCES: AWOS-3 134.0 (970) 874-3251.

COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE DEN.

GRAND JUNCTION (H) VORW/DME 112.4 JNC Chan 71 N39°03.57' W108°47.55' 100° 37.9 NM to fld. 7100/15E.



WESTWINDS (D17) 4 W UTC-7(-6DT) N38°45.51' W108°08.91'

DENVER

5000 NOTAM FILE DEN

L-9E

RWY 04-22: H4100X40 (ASPH)

RWY 04: Tree.

RWY 22: Trees.

RWY 13-31: 2000X70 (GRVL-DIRT)

RWY 13: Hill.

RWY 31: Road.

AIRPORT REMARKS: Attended 1500-0000Z. Rwy 04-22 CLOSED to acft 8,500 lbs or more. +100' to 300' mountains lctd north, west and east of arpt at varying distances. Rwy 22 has 180' mountain 1500' from rwy end, apch slope 7:1. Rwy 13-31 soft when wet. Rwy 31 has +10' trees 150' from thld 0B. +40' tree 60' from thld 50' rgt of cntrln. Rwy 04 has +120' terrain 2700' from thld 380' left of cntrln.

AIRPORT MANAGER: 719-290-9965**COMMUNICATIONS:** CTAF/UNICOM 122.8**RADIO AIDS TO NAVIGATION:** NOTAM FILE MTJ.

MONTROSE (H) VORW/DME 117.1 MTJ Chan 118 N38°30.39' W107°53.96' 310° 19.1 NM to fld. 5713/12E.
vDME unmonitored.

DME unusable:

011°-090° byd 26NM blo 15,000'

190°-250° byd 25 NM blo 15,000'

VOR unusable:

060°-090° byd 26NM blo 16,000'

190°-250° byd 25 NM blo 15,000'

DENVER

CENTENNIAL (APA)(KAPA) 15 SE UTC-7(-6DT) N39°34.21' W104°50.96'

DENVER

5885 B TPA-6885(1000) NOTAM FILE APA

H-3F, 5A, L-10F, A
IAP, AD

RWY 17L-35R: H10000X100 (ASPH-GRVD) S-56, D-75, 2S-95 MIRL

RWY 17L: PAPI(P4L)-GA 3.0° TCH 47'. 0.9% up.

RWY 35R: MALSR. PAPI(P4L)-GA 3.0° TCH 45'. Rgt tfc. 0.9% down.

RWY 17R-35L: H7001X75 (ASPH-GRVD) S-30 MIRL 0.9% up S

RWY 17R: REIL. PAPI(P4L)-GA 3.0° TCH 41'. Rgt tfc.

RWY 35L: REIL. PAPI(P4R)-GA 3.0° TCH 37'. Fence.

RWY 10-28: H4800X75 (ASPH-GRVD) S-12.5 MIRL 0.6% up W

RWY 10: PAPI(P2L)-GA 3.0° TCH 44'. Thld displcd 400'.

RWY 28: REIL. PAPI(P2L)-GA 3.0° TCH 41'. Pole.

SERVICE: S4 FUEL 100LL, JET A OX 1, 2

AIRPORT REMARKS: Attended continuously. Self serve 100LL fuel avbl.

Waterfowl on and in vicinity of arpt. Numerous cranes invof arpt.

Advisory density altitude displays located at C-1, A-1, and A-18.

+109' twr located 1800' east/northeast of Rwy 17L thld. Numerous

flood lgts located 1/2 mile north of thld Rwy 17L SS-0700Z#. Noise

abatement procedures in effect, ctc noise office 303-790-0598. Rwy

35R crosswind/base leg north of Lincoln Ave., Rwy 17L crosswind/base

leg south of Arapahoe Rd. Rwy 17R-35L clsd tfc remain south of

Arapahoe Rd and east of Interstate 25. Rwy 10-28 avoid noise

sensitive areas 1 mile east and south of rwy. All acft blo 70,000 lbs

maximum gross tkf weight and Stage III acft up to certificated 75,000 lbs maximum gross tkf weight may be operated,

one-time exceptions may be authorized by Executive Director on a case-by-case basis. Twy S2 clsd indefly. Helicopter

ops please ctc preferred FBO for ldg zone locations. Helicopter ops on front ramp not advised. U.S. Customs user fee arpt.

Call U.S. Customs 303-768-0309. 24 hr user fee customs avbl. Ctc arpt for fee information. See Special Notices-USAFA

306 FTG Flight Training Areas, Vicinity of Colorado Springs and Pueblo Colorado.

AIRPORT MANAGER: 303-790-0598

WEATHER DATA SOURCES: ASOS 120.3 (720) 873-2799.

COMMUNICATIONS: ATIS 120.3 303-799-6722 UNICOM 122.95

DENVER RCO 122.35 122.2 (DENVER RADIO)

DENVER APP/DEP CON 132.75

TOWER 118.9 **GND CON** 121.8 **CLNC DEL** 128.6

AIRSPACE: CLASS D svc continuous.

VOR TEST FACILITY (VOT) 108.2

RADIO AIDS TO NAVIGATION: NOTAM FILE DEN.

FALCON (H) VORTACW 116.3 FQF Chan 110 N39°41.41' W104°37.26' 225° 12.8 NM to fld. 5780/11E.

TACAN & DME unusable;

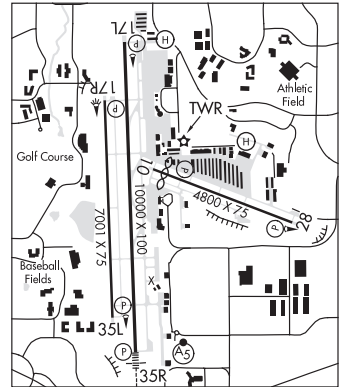
068°-088° byd 10 NM blo 11,500'

CASSE NDB (HW/LOM) 260 AP N39°27.12' W104°50.75' 351° 7.1 NM to fld. 6415/8E. NOTAM FILE APA.

ILS/DME 111.3 I-APA Chan 50 Rwy 35R. Class IT. LOM CASSE NDB. Unmonitored when ATCT closed. LOC

unusable byd 13 NM blo 9,000'.

COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not avbl at twr. Advise GND CON when ready for dep. GND CON will advise when to monitor the twr frequency.



DENVER INTL (DEN)(KDEN) 16 NE UTC-7(-6DT) N39°51.70' W104°40.39'

DENVER

5434 B Class I, ARFF Index E NOTAM FILE DEN

H-3F, 5A, L-10F, A

RWY 16R-34L: H16000X200 (CONC-GRVD) S-116, D-240, 2S-175,

2D-515, 2D/2D2-1085 PCN 92 R/B/W/T HIRL CL

RWY 16R: MALSR. TDZL. PAPI(P4R)—GA 3.0° TCH 71'. RVR-TMR

RWY 34L: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 70'. RVR-TMR

RWY 07-25: H12000X150 (CONC-GRVD) S-116, D-240, 2S-175,

2D-515, 2D/2D2-1085 PCN 92 R/B/W/T HIRL CL

RWY 07: MALSR. TDZL. PAPI(P4R)—GA 3.0° TCH 68'. RVR-TR

RWY 25: MALSR. PAPI(P4L)—GA 3.0° TCH 83'. RVR-TR

RWY 08-26: H12000X150 (CONC-GRVD) S-116, D-240, 2S-175,

2D-515, 2D/2D2-1085 PCN 92 R/B/W/T HIRL CL

RWY 08: MALSR. PAPI(P4L)—GA 3.0° TCH 70'. RVR-TR

RWY 26: MALSR. TDZL. PAPI(P4L)—GA 3.0° TCH 70'. RVR-TR

0.5% up.

RWY 16L-34R: H12000X150 (CONC-GRVD) S-116, D-240, 2S-175,

2D-515, 2D/2D2-1085 PCN 92 R/B/W/T HIRL CL

RWY 16L: MALSR. TDZL. PAPI(P4L)—GA 3.0° TCH 71'. RVR-TMR

RWY 34R: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 63'. RVR-TMR

RWY 17L-35R: H12000X150 (CONC-GRVD) S-116, D-240, 2S-175,

2D-515, 2D/2D2-1085 PCN 92 R/B/W/T HIRL CL

RWY 17L: MALSR. PAPI(P4L)—GA 3.0° TCH 66'. RVR-TMR 0.4% up.

RWY 35R: ALSF2. TDZL. PAPI(P4R)—GA 3.0° TCH 66'. RVR-TMR

RWY 17R-35L: H12000X150 (CONC-GRVD) S-116, D-240, 2S-175, 2D-515, 2D/2D2-1085 PCN 92 R/B/W/T HIRL

CL

RWY 17R: MALSR. TDZL. PAPI(P4L)—GA 3.0° TCH 69'. RVR-TMR 0.5% up.

RWY 35L: ALSF2. TDZL. PAPI(P4R)—GA 3.0° TCH 71'. RVR-TMR

RUNWAY DECLARED DISTANCE INFORMATION

RWY 07: TORA-12000 TODA-12000 ASDA-12000 LDA-12000

RWY 08: TORA-12000 TODA-13000 ASDA-12000 LDA-12000

RWY 16L: TORA-12000 TODA-12000 ASDA-12000 LDA-12000

RWY 16R: TORA-16000 TODA-16000 ASDA-16000 LDA-16000

RWY 17L: TORA-12000 TODA-12000 ASDA-12000 LDA-12000

RWY 17R: TORA-12000 TODA-12000 ASDA-12000 LDA-12000

RWY 25: TORA-12000 TODA-13000 ASDA-12000 LDA-12000

RWY 26: TORA-12000 TODA-12000 ASDA-12000 LDA-12000

RWY 34L: TORA-16000 TODA-16000 ASDA-16000 LDA-16000

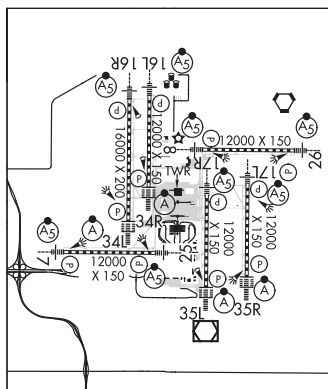
RWY 34R: TORA-12000 TODA-13000 ASDA-12000 LDA-12000

RWY 35L: TORA-12000 TODA-12000 ASDA-12000 LDA-12000

RWY 35R: TORA-12000 TODA-12000 ASDA-12000 LDA-12000

SERVICE: S4 FUEL 100, 100LL, JET A, MOGAS OX 1, 3

AIRPORT REMARKS: Attended continuously. Waterfowl and migratory bird activity invof arpt year round. ASDE-X in use. Operate transponders with altitude reporting mode and ADS-B (if equipped) enabled on all airport surfaces. Arpt maintains clearways (500' X 1000'). 1.25% slope) on departure Rwy 08, Rwy 25, and Rwy 34R. Twy F7 clsd to acft wingspan more than 118'. Overhead passenger bridge on South side of concourse 'A' provides 42 ft tail and 118 ft wingspan clearance when on twy centerline. Informal rwy use program is in effect 24 hours a day. For additional noise abatement information contact airport management at 303-342-4200. Arpt areas of irregular sfc—Rwy 17R-35L S blast pad, Rwy 08-26 S shoulder btn R3/R4, Twy EC S shoulder 500' W of Rwy 17R-35L, Twy B4 btn B4 and WA pad. Customs avbl with prior permission. Ldg fee. Flight Notification Service (ADCUS) avbl. NOTE: See Special Notices—Continuous Power Facilities.



CONTINUED ON NEXT PAGE

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AIRPORT MANAGER: (303) 342-2206

WEATHER DATA SOURCES: ASOS (303) 342-0838 LLWAS. TDWR.

COMMUNICATIONS: D-ATIS ARR 125.6 303-342-0819 D-ATIS DEP 134.025 303-342-0820 UNICOM 122.95

RCO 122.2 122.35 (DENVER RADIO)

RCO 123.65 (DENVER RADIO)

Ⓡ APP CON 119.3 124.95 (North) 120.35 126.55 (South) FINAL CON 120.8

TOWER 128.75 (Rwy 07-25) 132.35 (Rwy 08-26, Rwy 17L-35R) 135.3 (Rwy 16L-34R, Rwy 16R-34L) 133.3 (Rwy 17R-35L)

GND CON 127.5 (Rwy 07-25, Rwy 16L-34R, Rwy 16R-34L) 121.85 (Rwy 08-26, Rwy 17L-35R, Rwy 17R-35L)
CLNC DEL 118.75

Ⓡ DEP CON 128.25 (East) 127.05 (North) 126.1 (West) 128.45 (South)

CPDLC (LOGON KUSA)

AIRSPACE: CLASS B See VFR Terminal Area Chart

VOR TEST FACILITY (VOT) 110.0

RADIO AIDS TO NAVIGATION: NOTAM FILE DEN.

(H) VORW/DME 117.9 DEN Chan 126 N39°48.75' W104°39.64' 341° 3.0 NM to fld. 5452/8E.

VOR unusable:

180°-200° byd 20 NM blo 14,000'

ILS/DME 111.55 I-DZG Chan 52(Y) Rwy 07. Class IE.

ILS/DME 108.9 I-FUI Chan 26 Rwy 08. Class IE.

ILS/DME 111.1 I-LTT Chan 48 Rwy 16L. Class IE.

ILS/DME 111.9 I-DQQ Chan 56 Rwy 16R. Class IT.

ILS/DME 110.15 I-BXP Chan 38(Y) Rwy 17L. Class IE.

ILS/DME 108.5 I-ACX Chan 22 Rwy 17R. Class IE.

ILS/DME 111.55 I-ERP Chan 52(Y) Rwy 25. Class IE.

ILS/DME 108.9 I-JOY Chan 26 Rwy 26. Class 1E.

ILS/DME 111.9 I-DXU Chan 56 Rwy 34L. Class IIIE.

ILS/DME 111.1 I-OUF Chan 48 Rwy 34R. Class IIIE.

ILS/DME 108.5 I-AQD Chan 22 Rwy 35L. Class IIIE.

ILS/DME 110.15 I-DPP Chan 38(Y) Rwy 35R. Class IIIE.

COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not avbl at twr.

FRONT RANGE (FTG)(KFTG) 19 E UTC-7(-6DT) N39°47.05' W104°32.26'

5512 B TPA—6500(988) NOTAM FILE FTG

RWY 08-26: H8000X100 (ASPH) S-28, D-40 HIRL

RWY 08: REIL. PAPI(P2L)—GA 3.0° TCH 50'. Rgt tfc. 0.5% up.

RWY 26: MALSR. PAPI(P2L)—GA 3.0° TCH 50'. 0.4% down.

RWY 17-35: H8000X100 (ASPH) S-34, D-75 MIRL

RWY 17: REIL. PAPI(P4L)—GA 3.0° TCH 50'. 0.5% up.

RWY 35: MALSR. PAPI(P4L)—GA 3.0° TCH 50'. Rgt tfc.

SERVICE: S4 FUEL 100LL, JET A OX 1, 2 LGT ACTIVATE MIRL Rwy 17-35, HIRL Rwy 08-26, PAPI Rwy 08, Rwy 26, Rwy 17 and Rwy 35 and REIL Rwy 08 and Rwy 17, MALSR Rwy 26 and Rwy 35—CTAF.

AIRPORT REMARKS: Attended 1400-0400Z†. For svc after hrs call 720-428-0772. 24 hr credit card 100LL self fueling station. Be alert, intensive USAF student training invov Colorado Springs and Pueblo Colorado. Noise sensitive areas southeast, south and southwest of arpt. Avoid flights blo 1,000 ft over populated areas. Blue and white reflectors along Twy A, B, C, E edges. See Special Notices—USAF 306 FTG Flight Training Areas, Vicinity of Colorado Springs and Pueblo Colorado.

AIRPORT MANAGER: 303-261-9100

WEATHER DATA SOURCES: AWOS-3 119.025 (303) 261-9104.

COMMUNICATIONS: CTAF 120.2 ATIS 119.025 UNICOM 122.95

DENVER APP/DEP CON 128.25

TOWER 120.2 (1400-0400Z†) GND CON 124.7

CLNC DEL 124.7 (1400-0400Z†) DENVER CLNC DEL 121.75 (0400-1400Z†)

AIRSPACE: CLASS D svc 1400-0400Z† other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE DEN.

DENVER (H) VORW/DME 117.9 DEN Chan 126 N39°48.75' W104°39.64' 099° 5.9 NM to fld. 5452/8E.

VOR unusable:

180°-200° byd 20 NM blo 14,000'

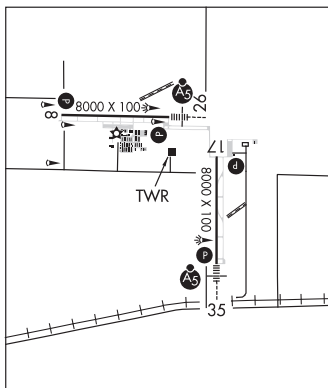
SKIPI NDB (LOMW) 321 FT N39°47.51' W104°26.05' 257° 4.8 NM to fld. 5407/8E. NOTAM FILE FTG.

ILS/DME 110.9 I-FZR Chan 46 Rwy 17. Unmonitored when twr clsd.

ILS/DME 109.3 I-FTG Chan 30 Rwy 26. LOM SKIPI NDB.

ILS/DME 110.9 I-VWT Chan 46 Rwy 35. Unmonitored when twr clsd.

DENVER
H-5A, L-10F, A
IAP, AD



ROCKY MOUNTAIN METROPOLITAN (BJC)(KBJC) 9 NW UTC-7(-6DT) N39°54.53' W105°07.03'

DENVER
H-3F, 5A, L-10F, A
IAP, AD

5673 B ARFF Index—See Remarks NOTAM FILE BJC
RWY 12L-30R: H9000X100 (ASPH-GRVD) S-65, D-105, 2S-95, 2D-150 PCN 31 F/D/W/T HIRL
RWY 12L: REIL. PAPI(P4L)—GA 3.0° TCH 41'. 1.0% down.
RWY 30R: MALSR. PAPI(P4L)—GA 3.0° TCH 52'. Rgt tfc. 1.1% up.
RWY 12R-30L: H7002X75 (ASPH) S-12.5 MIRL 1.1% up NW
RWY 12R: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Rgt tfc.
RWY 30L: REIL. PAPI(P2L)—GA 3.0° TCH 41'.
RWY 03-21: H3600X75 (ASPH) S-40, D-45, 2D-65 MIRL 0.4% up S
RWY 03: PAPI(P2L)—GA 3.0° TCH 30'.
RWY 21: PAPI(P2L)—GA 3.0° TCH 40'. Rgt tfc.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 03: TORA-3600 TODA-3600 ASDA-3600 LDA-3600
RWY 12L: TORA-9000 TODA-9000 ASDA-9000 LDA-9000
RWY 12R: TORA-7002 TODA-7002 ASDA-7002 LDA-7002
RWY 21: TORA-3600 TODA-3600 ASDA-3600 LDA-3600
RWY 30L: TORA-7002 TODA-7002 ASDA-7002 LDA-7002
RWY 30R: TORA-9000 TODA-9000 ASDA-9000 LDA-9000

SERVICE: S4 FUEL 100LL, JET A OX 1, 2, 3, 4 LGT When twr closed
 ACTIVATE MIRL Rwy 03-21, and Rwy 12R-30L, HIRL Rwy 12L-30R, MALSR Rwy 30R, PAPI Rwy 03, Rwy 21, Rwy 12L, Rwy 12R, Rwy 30L, and Rwy 30R and REIL Rwy 12L, Rwy 12R and Rwy 30L—CTAF.

AIRPORT REMARKS: Attended continuously. 100LL self svc. Birds and other wildlife on and in/ovf rws. Watch for wildlife on or near rws. Helicopters arr/dep from rws and twys. Pilots are requested to avoid flt over Standley Lake blo 8000' MSL. Jeffco VOR 150° 3.0 DME due to nesting eagles. Class II ARFF Index A, 24 hr PPR for unscheduled air carrier ops with more than 30 passengers seats call 720-352-0395. ARFF Index B also avbl PPR ctc arpt 720-352-0395. Voluntary noise abatement procedure in effect ctc noise office 303-271-4850. U.S. Customs user fee arpt. Twy C1 and Twy D only marked with reflectors. North terminal ramp slope exceeds FAA recommended stds. Flight Notification Service (ADCUS) avbl. NOTE: See Special Notices—Extensive Helicopter Flight Training. USAF 306 FTG Flight Training Areas, Vicinity of Colorado Springs and Pueblo Colorado.

AIRPORT MANAGER: (303) 271-4851

WEATHER DATA SOURCES: AWOS-3 (720) 887-8067

COMMUNICATIONS: CTAF 118.6 ATIS 126.25 303-466-8744

DENVER APP/DEP CON 126.1

METRO TOWER 118.6 (1300-0500Z‡) GND CON 121.7 CLNC DEL 132.6

AIRSPACE: CLASS D svc 1300-0500Z‡ other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE BJC.

JEFFCO (H) VORV/DME 115.4 BJC Chan 101 N39°54.78' W105°08.34' 093° 1.0 NM to fld. 5737/11E.

VOR portion unusable:

226°-245° byd 36 NM blo 17,000'

246°-278° byd 30 NM blo 19,000'

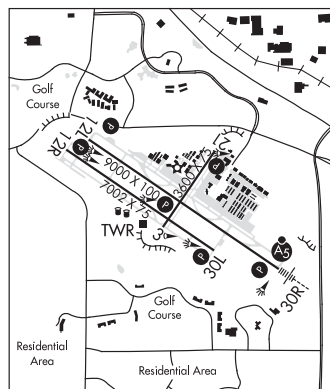
279°-300° byd 34 NM blo 18,000'

DME unusable:

246°-278° byd 30 NM

ILS 111.7 I-BJC Rwy 30R. Class IA. Unmonitored when ATCT closed.

COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not avbl at twr.



DOVE CREEK (8V6) 1 E UTC-7(-6DT) N37°45.89' W108°53.32'

DENVER

6975 TPA—7700(725) NOTAM FILE DEN

RWY 01-19: 4200X50 (DIRT) 1.0% up S

RWY 01: Fence.

RWY 19: Road.

AIRPORT REMARKS: Unattended. Arpt CLOSED when snow covered. Rwy 01-19 has -3' ditch along both sides rwy. Rwy 01 19 soft when wet. Unlimited vehicle use on arpt. Rwy 19 +12' ground 258' right of centerline parallel to extended centerline first 500'.

AIRPORT MANAGER: 970-677-2282

COMMUNICATIONS: CTAF 122.9

DOVE CREEK N37°48.52' W108°55.88' NOTAM FILE DEN.

DENVER

(H) **VORTACW** 114.6 DVC Chan 93 277° 20.8 NM to Monticello. 6990/14E.

H-3D, L-9D

RCO 122.5 (DENVER RADIO)

DURANGO

ANIMAS AIR PARK (ØØC) 4 S UTC-7(-6DT) N37°12.19' W107°52.15'

DENVER

6684 TPA—7484(800) NOTAM FILE DEN

H-4K, L-8I, 9E

RWY 01-19: H5010X50 (ASPH) MIRL(NSTD) 1.1% up N

RWY 01: Rgt tfc.

RWY 19: Brush.

SERVICE: S4 FUEL 100LL, JET A OX1 LGT Rwy 01-19 NSTD MIRL, thid lgts north end located 162' from pavement end. ACTIVATE MIRL using 122.9, click 3 times on/off for Rwy 01-19.

AIRPORT REMARKS: Attended dalgt hrs. Rwy 01-19 minus 1' to minus 2' drainage ditches 35' from centerline along west side and 30' from centerline along east side. Rwy 01-19 several rwy and thid lgts are broken or missing lgts are shielded by weeds. Rwy 01, 120' from and parallel thid, 200' dropoff. +15 trees 1817' from thid 105' left of centerline. +4' fence 87' west of Rwy 01-19 parallel to centerline full length. Rwy 01 has +8' terrain with +8' bushes 75' left of centerline for first 250'. +8' fence and 15' trees 1817' from Rwy 01 end 105' left of centerline.

AIRPORT MANAGER: 970-247-4632

COMMUNICATIONS: CTAF/UNICOM 122.8

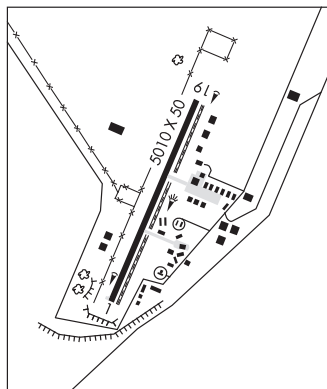
RADIO AIDS TO NAVIGATION: NOTAM FILE DRO.

DURANGO (L) VORW/DME 108.2 DRO Chan 19 N37°09.20' W107°44.98' 284° 6.5 NM to fld. 6662/14E.

DME portion unusable:

070°-090° byd 30 NM blo 12,500'

140°-185° byd 25 NM blo 13,000'



DURANGO—LA PLATA CO (DRO)(KDRO) 10 SE UTC-7(-6DT) N37°09.09' W107°45.23'

DENVER
H-4K, L-81, 9E
IAP

6689 B Class I, ARFF Index B NOTAM FILE DRO
RWY 03-21: H9201X150 (ASPH-GRVD) S-95, D-150, 2S-175, 2D-210 PCN 33 F/B/Y/U HIRL
RWY 03: MALSR. PAPI(P4L)—GA 3.0° TCH 55'. 0.8% up.
RWY 21: REIL. VASI(V4L)—GA 3.0° TCH 51'. 0.7% down.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 03: TORA-9201 TODA-9201 ASDA-9201 LDA-9201
RWY 21: TORA-9201 TODA-9201 ASDA-9201 LDA-9201

SERVICE: S4 FUEL 100LL, JET A OX 4 LGT ACTIVATE HIRL Rwy 03-21, PAPI Rwy 03 and VASI Rwy 21, REIL Rwy 21 and MALSR Rwy 03 —CTAF.

AIRPORT REMARKS: Attended 1300-0400Z. ARFF coverage provided during commercial air t/c ops. For after hrs svc call 970-259-7400 or 970-759-6983. PPR for unscheduled air carrier ops with more than 30 passenger seats call apt ops 970-759-4342. No snow removal provided at ngt after the last air carrier arrival til 1100Z. See NOTAMs for the most up-to-date conditions and updates.

AIRPORT MANAGER: (970) 382-6051

WEATHER DATA SOURCES: ASOS 120.625 (970) 259-3579.

COMMUNICATIONS: CTAF/UNICOM 122.8

RCO 122.35 (DENVER RADIO)

DENVER CENTER APP/DEP CON 118.575

AIRSPACE: CLASS E svc 1300-0300Z other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE DRO.

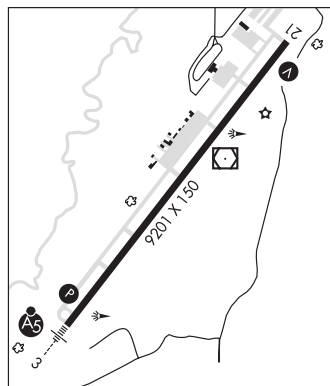
(L) VORW/DME 108.2 DRO N37°09.20' W107°44.98' at fld. 6662/14E.

DME portion unusable:

070°-090° byd 30 NM blo 12,500'

140°-185° byd 25 NM blo 13,000'

ILS 109.1 I-DRO Rwy 03. Class IE. ILS is unmonitored.



EADS MUNI (9V7) 1 W UTC-7(-6DT) N38°28.51' W102°48.65'

WICHITA
L-10G

4245 NOTAM FILE DEN

RWY 17-35: H3860X60 (ASPH) MIRL

RWY 17: Road.

RWY 35: Road.

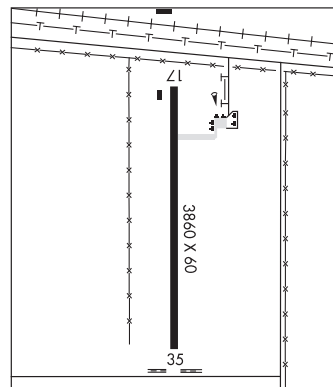
AIRPORT REMARKS: Unattended. Be alert, intensive USAF student training invof Colorado Springs and Pueblo Colorado. Rwy 17 +25' bldgs 300' right of centerline 108' from rwy end. Rwy 17 has +25' railroad 530' from thld centerline. Apron area is asph. Twy and rwy have no markings. See Special Notices USAF 306 FTG Flight Training Areas, Vicinity of Colorado Springs and Pueblo Colorado.

AIRPORT MANAGER: 719-438-5590

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE LAA.

LAMAR (H) VORW/DME 116.9 LAA Chan 116 N38°11.83' W102°41.25' 329° 17.7 NM to fld. 3944/12E.



EAGLE CO RGNL (EGE)(KEGE) P (ARNG) 4 W UTC-7(-6DT) N39°38.57' W106°54.96'
6547 B Class I, ARFF Index C NOTAM FILE EGE

DENVER
H-3E, L-9E
IAP, AD

RWY 07-25: H9000X150 (ASPH-GRVD) S-75, D-140, 2S-175, 2D-255

PCN 45 F/B/X/U HIRL

RWY 07: REIL. Tree. Rgt tfc. 0.9% up.

RWY 25: MALSR. PAPI(P4R)—GA 3.0° TCH 55'. Thld dsplcd 1000'. 1.0% down.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 07: TORA-9000 TODA-9000 ASDA-9000 LDA-9000

RWY 25: TORA-9000 TODA-9000 ASDA-9000 LDA-8000

SERVICE: S4 FUEL 100LL, JET A1, A1+ OX 1, 3 LGT During hrs when twr clsd ACTIVATE HIRL Rwy 07-25, REIL Rwy 07, and MALSR Rwy 25—CTAF. PAPI Rwy 25 operates 24 hrs. **MILITARY— FUEL A+** (1300-0400Z†, C970-524-7700, OT \$125 per hr.) (NC-100LL, A1, A1+) **FLUID** HPOX-RB

AIRPORT REMARKS: Attended Apr-Nov 1400-0200Z†, Dec-Mar 1400-0600Z†. Unscheduled air carrier operations with more than 30 passenger seats call arpt fire department 970-328-2688. High unmarked terrain all quadrants. Critical acft are Category D IV, B757-200 equivalent and lower. Ngt ops discouraged to pilots unfamiliar with arpt. Recommend all acft departing Rwy 25 initiate a left turn as soon as alt and safety permit to avoid high terrain. Rwy 25 PAPI only visible to 3° left of centerline due to terrain. Extensive military helicopter training ops sfc to 1000' AGL within 25 NM radius Eagle Co Arpt 1330-0500Z†. No snow removal or rwy monitoring Apr-Nov 0430Z† and 1300Z† and Dec-Mar 0630-1300Z†. Air carrier acft should not leave or enter Twy A east of Twy C-2. Cold temperature rstd arpt. Alt correction required at or blo -18C. For twr hrs ctc ARFF at 970-328-2688. U.S. Customs user fee arpt: regular office hrs Thu-Mon 1600-0000Z†. After hrs svc avbl. Office 970-524-0490. After hrs 303-472-1125. Three hr advance notice required. Ldg fee. Ldg fee of \$2.99 per thousand lbs for GA acft greater than 12,000 lbs.

AIRPORT MANAGER: (970) 328-2680

WEATHER DATA SOURCES: AWOS-3PT 135.575 (970) 524-7386.

COMMUNICATIONS: CTAF 119.8 ATIS 135.575

RCO 122.2 (DENVER RADIO)

DENVER CENTER APP/DEP CON 128.65

TOWER 119.8 (1400-0200Z†) GND CON 121.8 CLNC DEL 124.75

AIRSPACE: CLASS D svc Apr-Nov 1400-0200Z†, Dec-Mon 1400-0600Z† other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE DEN.

SNOW (T) VOR/DME 109.2 SXW Chan 29 N39°37.77' W106°59.47' 065° 3.6 NM to fld. 8070/12E.

VOR/DME unmonitored 0600-1300Z†.

VOR portion unusable:

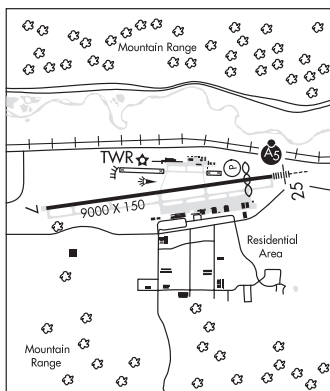
310°-355°

VOR/DME unusable:

115°-135°

ILS/DME 109.75 I-ESJ Chan 34(Y) Rwy 25. Glideslope unmonitored. Localizer and DME unusable beyond 30° right of course.

LDA/DME 108.3 I-VAZ Chan 20 Rwy 25X. LOC unusable byd 14 NM blo 10,940'. LOC unusable byd 15° left and right of course.



EASTON(VALLEY VIEW) (See GREELEY on page 274)

EMPIRE OCO N39°47.67' W105°45.78' /12493
AWOS-3 134.325

DENVER
L-9E

ERIE MUNI (EIK)(KEIK) 3 S UTC-7(-6DT) N40°00.62' W105°02.89'
5119 B NOTAM FILE DEN

CHEYENNE
L-10F, A
IAP

RWY 15-33: H4700X60 (CONC) S-12.5 MIRL 0.9% up S

RWY 15: REIL. PAPI(P2L)—GA 3.0° TCH 58'. Tree. Rgt tfc.

RWY 33: PAPI(P2L)—GA 3.0° TCH 52'. Hill.

SERVICE: S4 FUEL 100LL, JET A OX 3, 4 LGTACTIVATE MIRL Rwy 15-33 PAPI Rwy 15 and Rwy 33 and REIL Rwy 15 CTAF.

AIRPORT REMARKS: Attended Mon-Sat 1500-0000Z†, Sun 1500-2100Z†. After hrs emerg ctc 303-870-5659. Self svc credit card fuel avbl 24 hrs. Rwy 15 has -2' to -6' ditches within 700' of rwy end at various locations. Rwy 33 has -6' to -12' ditch 60' left of centerline parallel to first 750' of rwy. Rwy 33 has 30' road 1350' from thld outbound. Rwy 15-33 -2' terrain 60' to 70' E of rwy centerline, full length. Twy A is lit with LED lights.

AIRPORT MANAGER: 303-664-0633

WEATHER DATA SOURCES: AWOS-3 133.825 (303) 604-4339.

COMMUNICATIONS: CTAF/UNICOM 123.0

® DENVER APP/DEP CON 126.1

RADIO AIDS TO NAVIGATION: NOTAM FILE BJC.

JEFFCO (H) VOR/DME 115.4 BJC Chan 101 N39°54.78'
W105°08.34' 025° 7.2 NM to fld. 5737/11E.

VOR portion unusable:

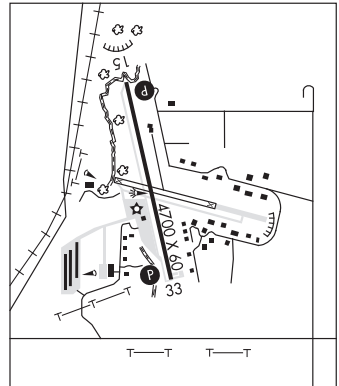
226°-245° byd 36 NM blo 17,000'

246°-278° byd 30 NM blo 19,000'

279°-300° byd 34 NM blo 18,000'

DME unusable:

246°-278° byd 30 NM



FALCON N39°41.41' W104°37.26' NOTAM FILE DEN.
(H) VORTACW 116.3 FQF Chan 110 225° 12.8 NM to Centennial. 5780/11E.
TACAN & DME unusable:
068°-088° byd 10 NM blo 11,500'

DENVER
H-3F, 5A, L-10G, A

FORT COLLINS/LOVELAND

NORTHERN COLORADO RGNL (FNL)(KFNL) 9 SE UTC-7(-6DT) N40°27.11' W105°00.68'

CHEYENNE

5016 B Class I, ARFF Index B NOTAM FILE FNL

H-3F, 5A, L-10F

RWY 15-33: H8500X100 (ASPH-GRVD) S-50, D-65, 2S-82, 2D-130

IAP, AD

PCN 49 F/C/W/T HIRL

RWY 15: REIL. PAPI(P4L)—GA 3.0° TCH 54'. 0.5% up.

RWY 33: MALSR. REIL. PAPI(P4L)—GA 3.0° TCH 52'. 0.5% down.

RWY 06-24: H2273X40 (ASPH)

RUNWAY DECLARED DISTANCE INFORMATION

RWY 06: TORA-2273 TODA-2273 ASDA-2273 LDA-2273

RWY 15: TORA-8500 TODA-8500 ASDA-8500 LDA-8500

RWY 24: TORA-2273 TODA-2273 ASDA-2273 LDA-2273

RWY 33: TORA-8500 TODA-8500 ASDA-8500 LDA-8500

SERVICE: S4 FUEL 100LL, JET A OX 1, 2 LGT HIRL Rwy 15-33 preset

low ints, to increase ints and ACTIVATE parallel twy lights, REIL Rwy 15

MALSR Rwy 33 and PAPI Rwy 33—CTAF. Rwy 15 PAPI on continuous.

AIRPORT REMARKS: Attended continuously. Parachute Jumping. 24 hr PPR for

unscheduled air carrier ops with more than 30 passenger seats call arpt

manager 970-962-2852. Rwy 33 preferred tkf and ldg with winds 5

kts or less any direction. Sfc condition unmonitored 0500-1300Z±. Twy

A2 and Twy A3 weight bearing limit 12,500 lbs SWA. Rwy 06-24 rwy

edge reflectors full length. NOTE: See Special Notices—Christman

Airport, Fort Collins, Colorado. See Special Notices—USAF 306 FTG

Flight Training Areas, Vicinity of Colorado Springs and Pueblo Colorado.

AIRPORT MANAGER: 970-962-2852

WEATHER DATA SOURCES: AWOS-3PT 135.075 (970) 669-9187.

COMMUNICATIONS: CTAF/UNICOM 122.7

FT. COLLINS-LOVELAND RCO 122.4 (DENVER RADIO)

GILL RCO 122.65 (DENVER RADIO)

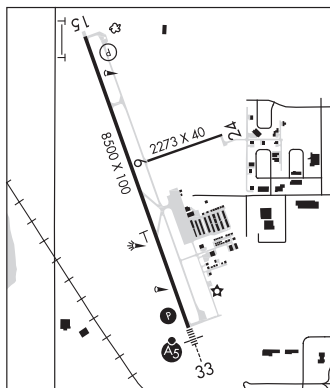
Ⓡ DENVER APP/DEP CON 134.85 CLNC DEL 120.25

RADIO AIDS TO NAVIGATION: NOTAM FILE DEN.

GILL (H) VORW/DME 114.2 GLL Chan 89 N40°30.23' W104°33.18' 249° 21.2 NM to fld. 4904/13E.

COLLN NDB (LOMW) 400 FN N40°21.79' W104°58.28' 332° 5.6 NM to fld. 4957/9E. NOTAM FILE FNL.

ILS 109.5 I-FNL Rwy 33. Class IT. LOM COLLN NDB. Unmonitored when airport unattended.



FORT MORGAN MUNI (FMM)(KFMM) 5 N UTC-7(-6DT) N40°20.13' W103°48.25'

CHEYENNE

4595 B TPA-5626(1031) NOTAM FILE DEN

H-5A, L-10F

RWY 14-32: H5731X75 (ASPH) S-30 MIRL 1.5% up NW

IAP

RWY 14: REIL. PAPI(P2L)—GA 3.0° TCH 28'.

RWY 32: REIL. PAPI(P2L)—GA 3.0° TCH 27'. Road.

RWY 17-35: 5216X80 (TURF-DIRT) 0.6% up N

RWY 35: Road.

RWY 08-26: 2468X100 (TURF)

RWY 26: Road.

SERVICE: FUEL 100LL, JET A1 LGT ACTIVATE MIRL Rwy

14-32—CTAF.

AIRPORT REMARKS: Attended Mon-Sat 1500-0000Z±. Fuel avbl 24 hrs

with credit card. Parachute Jumping. Be alert, intensive USAF student

training invof Colorado Springs and Pueblo Colorado. Rwy 08-26 soft

near intersection of Rwy 14-32, use for severe crosswind conditions

only. Rwy 08-26 rise at intersection of Rwy 14-32. NOTE: See

Special Notices—Aerobatic Operations in Colorado. USAF 306 FTG

Flight Training Areas, Vicinity of Colorado Springs and Pueblo

Colorado.

AIRPORT MANAGER: 970-867-8414

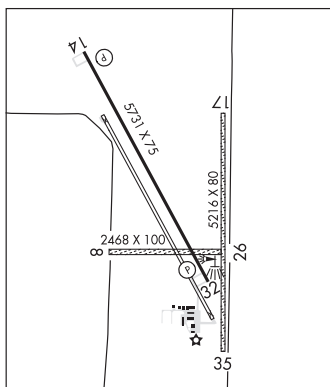
WEATHER DATA SOURCES: AWOS-3 132.95 (970) 867-4823.

COMMUNICATIONS: CTAF/UNICOM 123.05

DENVER CENTER APP/DEP CON 118.475

RADIO AIDS TO NAVIGATION: NOTAM FILE AKO.

AKRON (H) VORW/DME 114.4 AKO Chan 91 N40°09.33' W103°10.78' 278° 30.6 NM to fld. 4623/13E.



FREMONT CO (See CANON CITY on page 255)

FRONT RANGE (See DENVER on page 266)

GEBAUER (See AKRON on page 247)

GILL N40°30.23' W104°33.18' NOTAM FILE DEN.
 (H) VORW/DME 114.2 GLL Chan 89 210° 5.4 NM to Greeley-Weld Co. 4904/13E.
 RCO 122.65 (DENVER RADIO)

CHEYENNE
 H-5A, L-10F

GLENGOOD SPRINGS MUNI (GWS)(KGWS) 3 S UTC-7(-6DT) N39°30.36' W107°18.55'
 5916 NOTAM FILE DEN

DENVER
 L-9E

RWY 14-32: H3305X50 (ASPH) S-15 0.3% up NW
RWY 14: Trees.
RWY 32: PAPI(P2L)—GA 4.0° TCH 30'. Road.

SERVICE: S4 FUEL 100LL

AIRPORT REMARKS: Attended Mon-Fri 1500-0000Z†. Fuel avbl 24 hrs via self-serve credit card pump. Arpt Manager on call at 970-618-0778 or 970-928-9876. FBO 970-945-3073. Gusty winds frequently in vicinity of arpt. Wildlife on and in/ovf arpt. Numerous +25' buildings; trees; equipment; tie downs approximately 150' from centerline—both sides of rwy full length. Rwy 32 has 20' hangars and +30' antenna 200' left of centerline at thld. Paragliding ops vicinity 1 to 2 miles northwest of arpt up to 18,000' MSL. Noise abatement: When wind and weather permit use Rwy 32 for arrival and Rwy 14 for departure. No touch and go llds. Automated super unicom. Click 3 times for arpt information.

AIRPORT MANAGER: 970-445-0965

COMMUNICATIONS: CTAF/UNICOM 123.0

RCO 122.2 (DENVER RADIO)

RADIO AIDS TO NAVIGATION: NOTAM FILE DEN.

RED TABLE (H) VORW/DME 113.0 DBL Chan 77 N39°26.36' W106°53.68' 270° 19.7 NM to fld. 11800/12E.

GRANBY-GRAND CO (GNB)(KGNB) 1 NE UTC-7(-6DT) N40°05.40' W105°55.00'
 8207 B NOTAM FILE DEN

CHEYENNE
 H-3F, 5A, L-9E

RWY 09-27: H5001X75 (ASPH) S-12.5, D-12.5 MIRL 0.9% up E
RWY 09: REIL. PAPI(P2L)—GA 3.0° TCH 39'.
RWY 27: REIL. Fence. Rgt tfc.

SERVICE: FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 09-27 and REIL Rwy 09 and Rwy 27—CTAF.

AIRPORT REMARKS: Unattended. Fuel 24 hr self svc. Recommended tkf to E only by experienced pilots. High ground rises quickly to the E. Ultralight activity 3 miles S of arpt, dalgt hrs surface to 2000' AGL. Rwy 27 has +525' terrain 6000' from thld 1400' left of centerline, +52' terrain 1200' from thld on extended centerline, +40' powerline 965' from thld 260' left of centerline.

AIRPORT MANAGER: 970-725-3347

WEATHER DATA SOURCES: AWOS-3PT 119.925 (970) 887-1803. Sponsor contact info: lurline underbrink curran, 970-725-3347, lcurran@co.grand.co.us

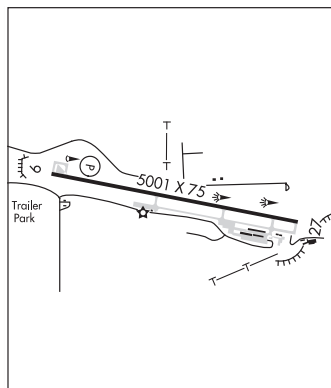
COMMUNICATIONS: CTAF/UNICOM 123.0

RADIO AIDS TO NAVIGATION: NOTAM FILE DEN.

KREMMLING (H) VORW/DME 113.8 RLG Chan 85 N40°00.16' W106°26.55' 064° 24.8 NM to fld. 9415/14E.

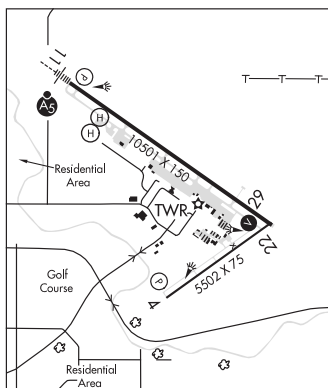
DME unusable:

285°-305° byd 34 NM blo 16,300'



GRAND JUNCTION RGNL (GJT)(KGJT) 3 NE UTC-7(-6DT) N39°07.34' W108°31.60'DENVER
H-3E, L-9D
IAP, AD

4858 B Class I, ARFF Index B NOTAM FILE GJT

RWY 11-29: H10501X150 (ASPH-GRVD) S-110, D-180, 2S-175,
2D-260 PCN 57 F/C/X/T HIRL**RWY 11:** MALSR. PAPI(P4L)—GA 3.0° TCH 30'. RVR-T 0.4% up.**RWY 29:** REIL. VASI(V4L)—GA 3.0° TCH 61'. RVR-R 0.3% down.**RWY 04-22:** H5502X75 (ASPH-GRVD) S-26, D-26 MIRL
1.3% up NE**RWY 04:** REIL. PAPI(P4L)—GA 3.0° TCH 33'.**RWY 22:** REIL.**SERVICE:** S4 FUEL 100LL, JET A OX 1 LGT After twr clsd ACTIVATE
HIRL Rwy 11-29, MALSR Rwy 11 and twy lights, VASI Rwy
29—CTAF. Rwy 04 PAPI on continuously only during twr hrs. Rwy 04
PAPI turned off all other times.**AIRPORT REMARKS:** Attended 1230-0700++. Conditions not monitored
0700-1230Z except by PPR. For fuel after hrs call
970-243-7500. Rwy 04-22 is CLOSED from 0500-1300Z. Arpt
ops number is 970-260-7164. Please call for any NOTAMS or
concerns. During spring, migration of bird flocks on and invof arpt.
Noise abatement procedures in effect, ctc arpt manager for details at
970-244-9100. ARFF provided only during scheduled Part 121 air
carrier ops except by PPR, call arpt manager for details at
970-244-9100. Liquid oxygen servicing avbl. Twy C1 clsd. Twy C1
and Twy C, 150' either side of the intersection of Twy C1 not visible from twr. Four helipads located on arpt.**AIRPORT MANAGER:** (970) 248-8588**WEATHER DATA SOURCES:** AWOS-3 118.55 (970) 245-7881.**COMMUNICATIONS:** CTAF 118.1 ATIS 118.55 UNICOM 122.95

RCO 122.6 (DENVER RADIO)

Ⓡ DENVER APP/DEP CON 119.7 (1300-0500Z)

Ⓡ DENVER CENTER APP/DEP CON 134.5 (0500-1300Z)

TOWER 118.1 (1300-0500Z) GND CON 121.7

VFR ADVSY SVC ctc TOWER

AIRSPACE: CLASS D svc 1300-0500Z, other times CLASS E.**RADIO AIDS TO NAVIGATION:** NOTAM FILE DEN.

(H) VORW/DME 112.4 JNC Chan 71 N39°03.57' W108°47.55' 058° 13.0 NM to fld. 7100/15E.

ILS/DME 110.3 I-GJT Chan 40 Rwy 11. Class ID.

LDA/DME 109.7 I-ACD Chan 34 Rwy 29.

COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not avbl at twr.• • • • •
HELIPAD H1: H40X40 (CONC)

HELIPAD H2: H38X38 (CONC)

GRAND MESA N39°05.30' W108°13.24'DENVER
L-9E

RCO 122.2 (DENVER RADIO)

GREELEY**EASTON (VALLEY VIEW)** (11V) 7 SE UTC-7(-6DT) N40°19.64' W104°36.56'

CHEYENNE

4820 NOTAM FILE DEN

RWY 08-26: 4000X25 (TURF-DIRT)**RWY 26:** Road.**RWY 14-32:** 2400X65 (TURF-DIRT)**RWY 14:** Road.**SERVICE:** FUEL 100LL, JET A**AIRPORT REMARKS:** Attended dalgt hrs. Parachute jumping. Remote control acft invof arpt. Unlimited vehicular access to rwys
and twys. Ops are primarily AGR I ops. Rwy 08 +35' trees 1200' from thld 130' right. Rwy 08 end rough with grass
encroachment along edges for 1150'. +2' cable 20' east of Rwy 08-26 crossing centerline. Rwy 08-26 and Rwy
14-32 all surfaces soft when wet. Rwy 08 +35' p-lines parallel to thld 1140' from thld. Rwy 26 +3' cable at and
parallel to thld. Rwy 32 has 60' ball field backstop 100' from rwy end and 300' right of centerline. Rwy 14-32 has 4'
fence 75' W of rwy centerline full length. Rwy 14-32 has 5' ditch adjacent to both edges full length. Rwy 32 +4' fence
280' from thld. See Special Notices—USAF 306 FTG Flight Training Areas, Vicinity of Colorado Springs and Pueblo
Colorado.**AIRPORT MANAGER:** 970-302-3336**COMMUNICATIONS:** CTAF 122.9

GREELEY—WELD CO (GXY)(KGXY) 3 E UTC-7(-6DT) N40°26.25' W104°37.99'

CHEYENNE
H-3F, 5A, L-10F
IAP, AD

4697 B TPA—5497(800) NOTAM FILE GXY

RWY 17-35: H10000X100 (ASPH) S-30, D-45 MIRL

RWY 17: REIL. PAPI(P2L)—GA 3.0° TCH 46'. 0.6% down.

RWY 35: REIL. PAPI(P2L)—GA 3.0° TCH 51'. Thid dsplcd 1100'.
0.4% up.

RWY 10-28: H5801X100 (ASPH) S-18, D-30 MIRL 0.3% up NW

RWY 10: REIL. PAPI(P2L)—GA 3.0° TCH 43'.

RWY 28: REIL. VASI(V4L)—GA 3.0° TCH 27'. Pole. Rgt tfc.

SERVICE: S4 **FUEL** 100LL, JET A **OX** 3, 4 **LGT** ACTIVATE MIRL Rwy 10-28 and Rwy 17-35, and REIL Rwy 10, Rwy 28, Rwy 17 and Rwy 35—CTAF. PAPI Rwy 10, Rwy 17, Rwy 35, and VASI Rwy 28 opr 24 hrs.

AIRPORT REMARKS: Attended 1300-0200Z \ddagger . For attendance after hours call 970-336-3010. Wildlife and birds on and invof arpt. Be alert, intensive USAF student training invof Colorado Springs and Pueblo Colorado. Oil drilling rigs up to 120' AGL on and invof arpt. Rwy 17-35 preferred use when cross wind component exceeds 12 knots on Rwy 10-28. Rwy 35 preferred use when wind less than 5 knots. Rwy 35 preferred for touch and go landing. Acft dep Rwy 28 avoid southbound turn prior to crossing Rwy 10 thld. See Special Notices—USAF 306 FTG Flight Training Areas, Vicinity of Colorado Springs and Pueblo Colorado.

AIRPORT MANAGER: 970-336-3000

WEATHER DATA SOURCES: AWOS-3PT 135.175 (970) 352-3511.

COMMUNICATIONS: CTAF/UNICOM 122.8

GILL RCO 122.65 (DENVER RADIO)

® DENVER APP/DEP CON 134.85

CLNC DEL 126.65

RADIO AIDS TO NAVIGATION: NOTAM FILE DEN.

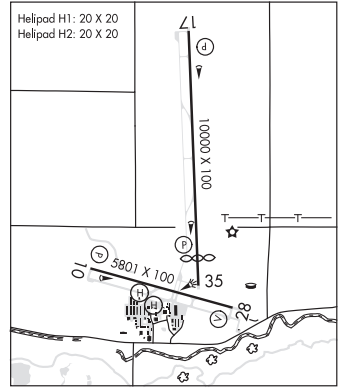
GILL (H) VORW/DME 114.2 GLL Chan 89 N40°30.23' W104°33.18' 210° 5.4 NM to fld. 4904/13E.

ILS/DME 110.3 I-DCI Chan 40 Rwy 35. Class IB. Unmonitored.



HELIPAD H1: H20X20 (CONC)

HELIPAD H2: H20X20 (CONC)



GUNNISON—CRESTED BUTTE RGNL (GUC)(KGUC) 1 SW UTC-7(-6DT) N38°32.06' W106°55.91'

DENVER

7680 B Class I, ARFF Index B NOTAM FILE GUC

H-3E, L-9E

RWY 06-24: H9400X150 (ASPH-GRVD) S-75, D-160, 2D-250

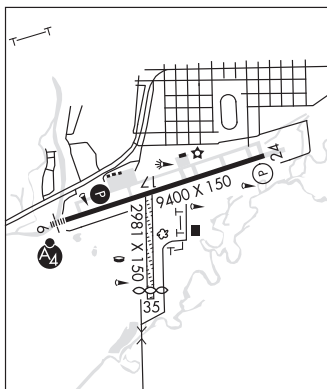
IAP

PCN 40 F/A/X/T HIRL

RWY 06: MALSF. PAPI(P4L)—GA 3.0° TCH 46'. Rgt tfc.**RWY 24:** REIL. PAPI(P4L)—GA 3.0° TCH 59'. 0.3% up.**RWY 17-35:** 2981X150 (TURF-GRVL) 0.5% up N**RWY 17:** Rgt tfc.**RWY 35:** Thld displcd 233'.**RUNWAY DECLARED DISTANCE INFORMATION****RWY 06:** TORA-9397 TODA-9397 ASDA-9397 LDA-9397**RWY 17:** TORA-2980 TODA-2980 ASDA-2980 LDA-2980**RWY 24:** TORA-9397 TODA-9397 ASDA-9397 LDA-9397**RWY 35:** TORA-2980 TODA-2980 ASDA-2980 LDA-2980**SERVICE:** S2 FUEL 100LL, JET A OX 1, 2, 3, 4 LGT Rotating bcn opr SS-0530Z‡ and 1300Z‡-SR. HIRL Rwy 06-24 and REIL Rwy 24 opr 1300-0530Z‡. ACTIVATE MALSF Rwy 06 and PAPI Rwy 06—CTAF. PAPI Rwy 24 operates 24 hrs.**AIRPORT REMARKS:** Attended 1300-0530Z‡. Arpt CLOSED 0530-1300Z‡ exc for emerg. Rwy 17-35 CLOSED Dec 1-May 1. CLOSED to unscheduled operations with more than 30 passenger seats except PPR. Call arpt manager 970-641-2304. High terrain all quadrants. Cold temperature rstd arpt. Alt correction required at or blo -28C. Migratory bird act Jan 1-Jun 1.**AIRPORT MANAGER:** (970) 642-7388**WEATHER DATA SOURCES:** AWOS-3PT 135.075 (970) 641-3240.**COMMUNICATIONS:** CTAF/UNICOM 122.7**DENVER CENTER APP/DEP CON** 125.35**AIRSPACE:** CLASS E svc other times CLASS G.**RADIO AIDS TO NAVIGATION:** NOTAM FILE DEN.**BLUE MESA (H) VOR/DME** 114.9 HBU Chan 96 N38°27.13' W107°02.38' 032° 7.1 NM to fld. 8740/14E.

DME portion unusable:

315°-325° byd 27 NM blo 17,500'

ILS/DME 110.5 I-GUC Chan 42 Rwy 06. Class IE. Glideslope unmonitored. LOC unusable byd 20° left of course.**HARRIET ALEXANDER FLD** (See SALIDA on page 290)**HAXTUN MUNI** (17V) 2 SE UTC-7(-6DT) N40°37.47' W102°36.48'

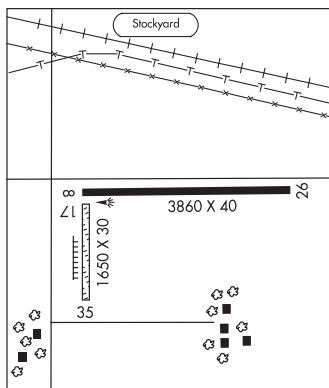
CHEYENNE

4035 TPA—5035(1000) NOTAM FILE DEN

L-10G

RWY 08-26: H3860X40 (ASPH) LIRL(NSTD)**RWY 08:** Road.**RWY 26:** Road.**RWY 17-35:** 1650X30 (TURF-DIRT) 0.8% up S**RWY 17:** Road.**RWY 35:** Road.**SERVICE:** LGT Rwy 08-26 NSTD LIRL. No thld lgts. Edge lgts begin 250' of Rwy 08 end.**AIRPORT REMARKS:** Unattended. Rwy 17-35 not maintained, very rough. Large animal holes throughout rwy. Gravel road parallels both rwys 45-55' from centerlines. +20' hangar and 25' wind cone located 300' east of Rwy 08 thld 75R. Rwy 08 has +3' pole from left edge 500' from rwy end.**AIRPORT MANAGER:** 970-854-2735**COMMUNICATIONS:** CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE SNY.**SIDNEY (H) VOR/DME** 115.9 SNY Chan 106 N41°05.80'

W102°58.98' 136° 33.1 NM to fld. 4300/13E. HIWAS.



HAYDEN

YAMPA VALLEY (HDN)(KHDN) 2 SE UTC-7(-6DT) N40°28.87' W107°13.06'

CHEYENNE

6606 B ARFF Index—See Remarks NOTAM FILE HDN

H-3E, L-9E, 11E

RWY 10-28: H10000X150 (ASPH-GRVD) S-75, D-170, 2D-260

IAP

HIRL

RWY 10: MALSF. PAPI(P4L)—GA 3.0° TCH 52'. Thld dspcd 510'. Rgt tfc.

RWY 28: REIL. PAPI(P4L)—GA 3.5° TCH 54'. P-line. 0.3% down.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 10: TORA-10000 TODA-10000 ASDA-10000 LDA-9490

RWY 28: TORA-10000 TODA-10000 ASDA-10000 LDA-10000

SERVICE: FUEL 100LL, JET A OX 3, 4 LGT ACTIVATE HIRL Rwy 10-28, REIL Rwy 28, PAPI Rwy 10 and MALSF Rwy 10—CTAF. Rwy 28 PAPI does not provide obst clearance byd 4 NM from thld.

AIRPORT REMARKS: Attended 1300-0300Z±. Class I, ARFF Index C from Dec-Mar. ARFF Index B from Apr-Nov. Possible severe winter conditions from Nov-Apr. Check NOTAMS for arpt conditions. No arpt information nor snow removal guaranteed during hrs of nonattendance. CLOSED to unscheduled air carrier ops with more than 30 passenger seat except PPR, call arpt manager 970-276-5004. Large flocks of sandhill cranes around arpt in spring and fall. All acft report 10 minutes prior to tkf/ldg on 123.0—monitor frequency 24 hrs, PAEW on rwy. Between 1300-0300Z± ctc UNICOM prior to all tkfs and ldgs for PAEW advisories. PPR for escort to-from active rwy during normal business hrs. During snow season ctc UNICOM.

Request all acft departing Rwy 28 make right or left turnout as soon as safety permits after tkf to avoid town of Hayden and comply with noise abatement procedures. Cold temperature rstd arpt. Alt correction required at or blo -24C. Ldg fee for acft 12,500 pounds and over.

AIRPORT MANAGER: 970-276-5004

WEATHER DATA SOURCES: AWOS-3PT 119.275 (970) 276-3690.

COMMUNICATIONS: CTAF/UNICOM 123.0

HAYDEN RCD 122.25 (DENVER RADIO)

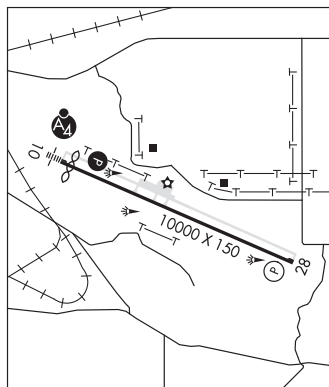
DENVER CENTER APP/DEP CON 120.475

AIRSPACE: CLASS E svc 1400-0400Z± other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE DEN.

HAYDEN (H) VORW/DME 115.6 CHE Chan 103 N40°31.20' W107°18.29' 106° 4.6 NM to fld. 7271/14E.

ILS/DME 109.9 I-HDN Chan 36 Rwy 10. Class IB. ILS is unmonitored.



HOLLY (KØ8) 1 S UTC-7(-6DT) N38°02.11' W102°07.00'

WICHITA

3399 NOTAM FILE DEN

RWY 17-35: 4140X40 (GRVL-DIRT) LIRL(NSTD)

RWY 17: TRCV(TRIL)—GA 3.0°. Tree.

RWY 35: TRCV(TRIL)—GA 3.0°. Fence.

SERVICE: FUEL 100LL LGT Rwy 17-35 has NSTD edge lgts 30' from rwy edge, lgts at varying heights. Rwy 17-35 NSTD LIRL. TRIL Rwys 17 and 35 OTS indef. ACTIVATE NSTD LIRL Rwy 17-35—CTAF.

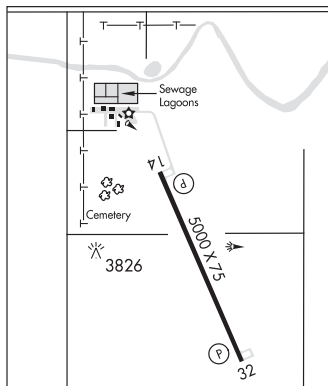
AIRPORT REMARKS: Attended on call. For attendant call 719-537-6622, dispatch 719-336-3995. For fuel call 719-537-6622. Dispatch 719-336-3995. Rwy soft when wet. Be alert, intensive USAF student training invof Colorado Springs and Pueblo Colorado. Rwy 35 has +30' powerlines 575' north of rwy end 200' left and right of centerline. Rwy 17 has +5' embankment 200' from rwy end obstruction, +10' road 132' from rwy end obstruction, +4' fence 100' from rwy thld obstruction. See Special Notices—USAF 306 FTG Flight Training Areas, Vicinity of Colorado Springs and Pueblo Colorado.

AIRPORT MANAGER: 719-537-6622

COMMUNICATIONS: CTAF/UNICOM 122.8

HOLYOKE (HEQ)(KHEQ) 1 SE UTC-7(-6DT) N40°34.17' W102°16.36'

3730 B NOTAM FILE DEN

RWY 14-32: H5000X75 (ASPH) S-12.5 MIRL**RWY 14:** REIL. PAPI(P4L)—GA 3.0° TCH 40'. Tree.**RWY 32:** REIL. PAPI(P4L)—GA 3.0° TCH 40'.**SERVICE:** FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 14-32 and REIL Rwy 14 and Rwy 32—CTAF.**AIRPORT REMARKS:** Attended irregularly. For fuel call 970-854-2266 during normal hrs or 970-854-2735 after hrs. Geese on and invof rwy.**AIRPORT MANAGER:** 970-854-3232**WEATHER DATA SOURCES:** AWOS-3 119.275 (970) 854-3679.**COMMUNICATIONS:** CTAF/UNICOM 122.7**DENVER CENTER APP/DEP CON** 118.475**RADIO AIDS TO NAVIGATION:** NOTAM FILE SNY.**SIDNEY (H) VOR/DME** 115.9 SNY Chan 106 N41°05.80' W102°58.98' 121° 45.2 NM to fld. 4300/13E. **HIWAS.****CHEYENNE****H-5B, L-10G****IAP****HOPKINS FLD** (See NUCLA on page 285)**HUDSON****PLATTE VALLEY AIRPARK** (18V) 3 NW UTC-7(-6DT) N40°06.16' W104°42.07'

4965 NOTAM FILE DEN

RWY 15-33: H4100X40 (ASPH) LIRL**RWY 15:** Pole.**RWY 33:** Ground.**RWY 09-27:** 2500X90 (TURF-GRVL)**RWY 09:** Ground.**RWY 27:** Road.**SERVICE:** S2 FUEL 100LL LGT ACTIVATE LIRL Rwy 15-33—CTAF.**AIRPORT REMARKS:** Attended daylight hours. 24 hr credit card svc avbl. Rwy 09-27 has -3' ditch 45' north of rwy edge full length. Rwy 09 has multiple +15' trees 175' left of centerline. +15' stack 100' from thld 150' left of centerline. +12' windsock 30' right of thld centerline. Rwy 15 has +6' pole 240' from thld 50' right of centerline. Rwy 27 has +20' pole and +15' tank 185' from thld 90' left of centerline. +30' pole 30' from thld 90' left and right of centerline. +15' hangar 155' west of thld 75' north of centerline. Twy intersects Rwy 09-27 midfield.**AIRPORT MANAGER:** 303-536-0380**COMMUNICATIONS:** CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE DEN.**MILE HIGH (H) VORTACW** 114.7 DVV Chan 94 N39°53.68' W104°37.46' 336° 13.0 NM to fld. 5279/8E.**CHEYENNE****L-10F, A****HUGO** N38°49.05' W103°37.28' NOTAM FILE DEN.**(H) VORW/DME** 112.1 HGO Chan 58 349° 27.5 NM to Limon Muni. 5233/7E.**WICHITA****H-5A, L-10F****IRONHORSE** N38°40.71' W104°45.19' NOTAM FILE DEN.**NDB (MHW)** 335 IHS at Butts AAF (Fort Carson). 5846/12E. unmonitored thanksgiving, 25 Dec and 1 jan.**NDB unusable**

210°-300° byd 20 NM blo 20,000'

DENVER**L-10F****JEFFCO** N39°54.78' W105°08.34' NOTAM FILE BJC.**(H) VORW/DME** 115.4 BJC Chan 101 093° 1.0 NM to Rocky Mountain Metropolitan. 5737/11E.**VOR** portion unusable:

226°-245° byd 36 NM blo 17,000'

246°-278° byd 30 NM blo 19,000'

279°-300° byd 34 NM blo 18,000'

DME unusable:

246°-278° byd 30 NM

DENVER**H-3E, 5A, L-10F, A**

JULESBURG MUNI (7V8) 3 SW UTC-7(-6DT) N40°58.22' W102°18.92'

CHEYENNE
L-106, 12G

3495 B NOTAM FILE DEN

RWY 13-31: H4100X60 (ASPH) S-12 MIRL

RWY 13: Thld dsplcd 284'. Tank.

RWY 31: P-line.

SERVICE: LGT MIRL Rwy 13-31 preset medium ints dusk-dawn.

AIRPORT REMARKS: Unattended. For svc and assistance call Sheriffs office 303-474-3355. City Clerks Office after hours phone 970-474-2124. Wildlife on and invof arpt. Rwy used for drag racing on Fri-Sun from Apr-Sep. Rwy 13 has +4' fence 350' from dsplcd thld, +18' road 410' from dsplcd thld. 3' railing 112' north side of rwy, full length. Twy clsd use rwy for back taxi.

AIRPORT MANAGER: 970-474-3344

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE SNY.

SIDNEY (H) VOR/DME 115.9 SNY Chan 106 N41°05.80' W102°58.98' 091° 31.3 NM to fld. 4300/13E.
HIWAS.

KIT CARSON CO (See BURLINGTON on page 253)

KREMMLING

MC ELROY AIRFIELD (2ØV) 1 E UTC-7(-6DT) N40°03.21' W106°22.14'

CHEYENNE
H-3F, 5A, L-9E, 11E
IAP

7415 B NOTAM FILE 20V

RWY 09-27: H5540X75 (ASPH) S-46, D-68 MIRL 0.3% up E

RWY 09: REIL. PAPI(P2L)—GA 3.0° TCH 49'. Fence.

RWY 27: REIL. PAPI(P2L)—GA 3.0° TCH 49'. Hill. Rgt tfc.

SERVICE: FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 09-27 and PAPI and REIL Rwy 09 and Rwy 27—CTAF.

AIRPORT REMARKS: Attended 1500-0030Z†. 24 hr fuel svc—credit card. Mountain terrain surrounds arpt. Overnrg tiedown fee.

AIRPORT MANAGER: 970-725-3347

WEATHER DATA SOURCES: AWOS-3 118.425 (970) 724-9659.

COMMUNICATIONS: CTAF/UNICOM 122.8

KREMMLING RCO 122.3 (DENVER RADIO)

DENVER CENTER APP/DEP CON 128.65

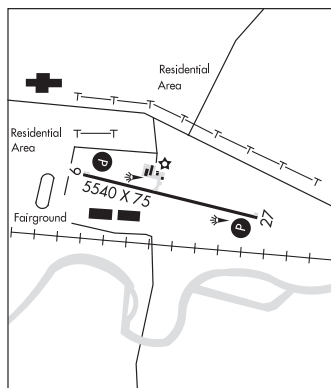
RADIO AIDS TO NAVIGATION: NOTAM FILE DEN.

KREMMLING (H) VORW/DME 113.8 RLG Chan 85 N40°00.16'

W106°26.55' 034° 4.6 NM to fld. 9415/14E.

DME unusable:

285°-305° byd 34 NM blo 16,300'



KREMMLING N40°00.16' W106°26.55' NOTAM FILE DEN.

CHEYENNE
H-3E, 5A, L-9E, 11E

(H) VORW/DME 113.8 RLG Chan 85 034° 4.6 NM to Mc Elroy Airfield. 9415/14E.

DME unusable:

285°-305° byd 34 NM blo 16,300'

RCO 122.3 (DENVER RADIO)

LA JUNTA MUNI (LHX)(KLHX) 3 N UTC-7(-6DT) N38°03.00' W103°30.59'

WICHITA
H-5A, L-10F
IAP

4229 B NOTAM FILE LHX

RWY 08-26: H6849X75 (ASPH) S-30, D-50, 2D-90 MIRL

1.1% up W

RWY 08: REIL. VASI(V4L)—GA 3.0° TCH 45'. Road.

RWY 26: REIL. PAPI(P2L)—GA 3.0° TCH 43'.

RWY 12-30: H5803X60 (ASPH-CONC) S-50, D-65, 2D-100

0.5% up NW

SERVICE: FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 08-26, VASI Rwy 08, PAPI Rwy 26 and REIL Rwy 08 and Rwy 26—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1400-2300Z±. Self serve Jet A not avbl. Antelope on and infov arpt. Rwy 12-30 surface raveling with foreign object damage potential. Be alert, intensive USAF student training infov Colorado Springs and Pueblo Colorado. Rwy 12-30 has loose asph material in primary surface west side of rwy full length. Heavy Air Guard ops during summer months. Rwy 12-30 edge undefined. Heavy agricultural ops during summer months. See Special Notices—USAF 306 FTG Flight Training Areas, Vicinity of Colorado Springs and Pueblo Colorado.

AIRPORT MANAGER: (719) 384-2698

WEATHER DATA SOURCES: ASOS 135.525 (719) 384-5961.

COMMUNICATIONS: CTAF/UNICOM 123.0

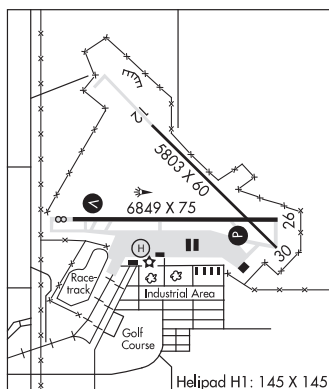
RCO 122.6 (DENVER RADIO)

DENVER CENTER APP/DEP CON 128.375

RADIO AIDS TO NAVIGATION: NOTAM FILE LAA.

LAMAR (H) VORW/DME 116.9 LAA Chan 116 N38°11.83' W102°41.25' 245° 39.9 NM to fld. 3944/12E.

• • • • •
HELIPAD H1: H145X145 (ASPH)



LA VETA

CUCHARA VALLEY AT LA VETA (Ø7V) 1 N UTC-7(-6DT) N37°31.43' W105°00.56'

DENVER
H-5A, L-10F, 15A

7153 B NOTAM FILE DEN

RWY 06-24: H5798X60 (ASPH) MIRL(NSTD)

RWY 06: Thld dsplcd 250'.

RWY 24: Thld dsplcd 198'. Road.

SERVICE: LGT Rwy 06-24 NSTD MIRL, Rwy 06 first 96' unlighted, Rwy 24 first 92' unlighted. ACTIVATE MIRL Rwy 06-24—122.7.

AIRPORT REMARKS: Unattended. Wildlife on and infov Rwy 06-24, higher occurrence during Jun-Oct. Be alert, intensive USAF student training infov Colorado Springs and Pueblo Colorado. Rwy 06-24 has severe cracking on ramp and rwy. See Special Notices—USAF 306 FTG Flight Training Areas, Vicinity of Colorado Springs and Pueblo Colorado.

AIRPORT MANAGER: (719) 742-3631

COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE ALS.

ALAMOSA (H) VORTACW 113.9 ALS Chan 86 N37°20.95' W105°48.93' 062° 39.9 NM to fld. 7535/13E.

VORTAC unusable

150°-180° byd 35 NM blo 11,600'

025°-045° byd 25 NM blo 15,900'

LA VETA PASS VTP N37°30.72' W105°10.23' /10216

DENVER
L-10F, 15A

AWOS-3 119.925 (719) 587-3120

LAKE CO (See LEADVILLE on page 282)

LAKE MEREDITH SPB (See ORDWAY on page 286)

LAMAR MUNI (LAA)(KLA) 3 SW UTC-7(-6DT) N38°04.18' W102°41.31'
3706 B NOTAM FILE LAA

WICHITA
H-5A, L-10G
IAP

RWY 18-36: H6304X100 (CONC-GRVD) S-45, D-55, 2D-100
PCN 12 R/B/W/U MIRL 0.4% up S

RWY 18: REIL. VASI(V4L)—GA 3.0° TCH 45'. Road.

RWY 36: REIL. PAPI(P4L)—GA 3.0° TCH 45'. Hill.

RWY 08-26: H5001X60 (ASPH-PFC) S-35, D-50, 2D-95 MIRL

RWY 08: PAPI(P2L)—GA 3.0° TCH 30'. Road.

RWY 26: REIL. PAPI(P2L)—GA 3.0° TCH 31'.

SERVICE: S4 FUEL 100LL, JET A OX 1, 3 LGTACTIVATE MIRL Rwy 08-26 and Rwy 18-36, PAPI Rwy 08, Rwy 26, and Rwy 36—CTAF.

AIRPORT REMARKS: Attended 1500-0100Z±. For svc after hrs phone 719-336-7701. Be alert, intensive USAF student training invof Colorado Springs and Pueblo Colorado. Twr 500' AGL 4.5 mile SE unlighted. NOTE: See Special Notices—Aerobatic Operations in Colorado. USAF 306 FTG Flight Training Areas, Vicinity of Colorado Springs and Pueblo Colorado.

AIRPORT MANAGER: 719-336-2002

WEATHER DATA SOURCES: ASOS 135.625 (719) 336-3854.

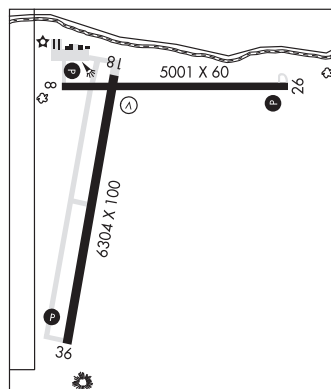
COMMUNICATIONS: CTAF/UNICOM 122.8

RCO 116.9T 122.1R (DENVER RADIO)

DENVER CENTER APP/DEP CON 133.4

RADIO AIDS TO NAVIGATION: NOTAM FILE LAA.

(H) VORW/DME 116.9 LAA Chan 116 N38°11.83' W102°41.25' 168° 7.6 NM to fld. 3944/12E.



LAS ANIMAS

CITY OF LAS ANIMAS – BENT CO (7V9) 1 S UTC-7(-6DT) N38°03.24' W103°14.31'
3915 NOTAM FILE DEN

WICHITA
L-10F

RWY 08-26: H3870X40 (ASPH) S-5 HIRL 0.4% up W

RWY 08: REIL. Tree.

RWY 26: REIL. Road.

SERVICE: LGTACTIVATE HIRL Rwy 08-26—CTAF. Med ints 5 clicks, high ints 7 clicks.

AIRPORT REMARKS: Unattended. Be alert, intensive USAF student training invof Colorado Springs and Pueblo Colorado. Rwy 26 has +30' poles 105' from thld 210' left of extd rwy centerline. Thld lgts NSTD; three lgts each end. Thld lgts OTS indef. Rwy 08 thld lgts 23' from thld. Rwy 26 thld lgts 12' from thld. Rwy 08 has +4' fence 275' from thld obstruction, has -3' ditch 35' from rwy end on both sides. Rwy 08-26 numbers smaller than standard. See Special Notices—USAF 306 FTG Flight Training Areas, Vicinity of Colorado Springs and Pueblo Colorado.

AIRPORT MANAGER: (719) 469-5252

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE LAA.

LAMAR (H) VORW/DME 116.9 LAA Chan 116 N38°11.83' W102°41.25' 240° 27.5 NM to fld. 3944/12E.

LEACH (See CENTER on page 256)

LEADVILLE

LAKE CO (LXV)(KLXV) 2 SW UTC-7(-6DT) N39°13.17' W106°18.99'

9934 B NOTAM FILE LXV

RWY 16-34: H6400X75 (ASPH) S-20, D-20 MIRL

RWY 16: PAPI(P2L)—GA 3.0° TCH 45'. Rgt tfc.

RWY 34: PAPI(P2L)—GA 3.0° TCH 45'.

SERVICE: FUEL 100LL, JET A **LGT** ACTIVATE MIRL Rwy 16-34 and PAPI Rwy 16 and Rwy 34—CTAF.

AIRPORT REMARKS: Attended May-Sep 1430-2330Z±, Oct-Apr 1500-2330Z±. PPR for svc after hrs call 719-293-5110. Rwy 34 has +50' power lines 750' from right of thld. Twy C and old ramp have potholes and loose aggregate. All twys and new ramp area marked with blue and white reflectors. Cold temperature rstd arpt. Altitude correction required at or blo -27C.

AIRPORT MANAGER: 719-486-0307

WEATHER DATA SOURCES: ASOS 118.375 (719) 486-2735.

COMMUNICATIONS: CTAF/UNICOM 122.8

DENVER CENTER APP/DEP CON 119.85

RADIO AIDS TO NAVIGATION: NOTAM FILE DEN.

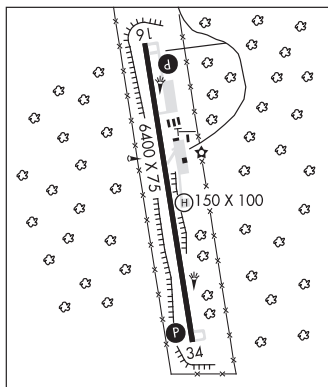
RED TABLE (H) VORW/DME 113.0 DBL Chan 77 N39°26.36'
W106°53.68' 104° 30.0 NM to fld. 11800/12E.

• • • • •

HELIPAD HI: H150X100 (ASPH-CONC)

HELIPORT REMARKS: Rwy H1 has 6-8 inch lip all around edges, concrete has longitudinal and corner cracking. Rwy H1 has 20' to 30' trees 130' east of pad.

DENVER
H-3F, 5A, L-9E
IAP



LIMON MUNI (LIC)(KLIC) 1 NE UTC-7(-6DT) N39°16.49' W103°39.95'

5374 B NOTAM FILE LIC

RWY 16-34: H4700X60 (CONC) S-12.5 MIRL 0.5% up N

RWY 16: PAPI(P2L)—GA 3.0° TCH 39'. P-line.

RWY 34: PAPI(P2L)—GA 3.0° TCH 39'. Trees.

SERVICE: S2 FUEL 100LL **LGT** ACTIVATE MIRL Rwy 16-34 and PAPI Rwy 16 and Rwy 34—CTAF.

AIRPORT REMARKS: Unattended. 24 hr 100 LL avbl with credit card. Deer on and invof arpt. Be alert, intensive USAF student training invof Colorado Springs and Pueblo Colorado. Uncontrolled vehicle access to fld. Rwy 34 +18' road 820' from thld obstruction, +4' fence 785' from thld obstruction, +22' sign 918' from rwy end on centerline, +45' trees 1430' from rwy end obstruction, +51' tank 1455' from thld 150' right of centerline. Rwy 16 has 3000' twy leading into the South end. Twy marked with blue reflectors. See Special Notices—USAF 306 FTG Flight Training Areas, Vicinity of Colorado Springs and Pueblo Colorado.

AIRPORT MANAGER: 719-775-2346

WEATHER DATA SOURCES: ASOS 121.125 (719) 775-0515.

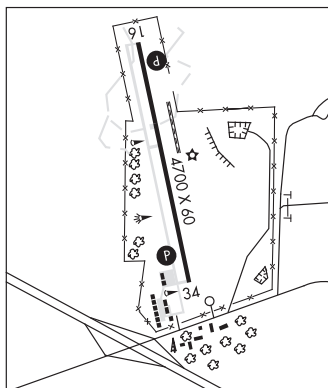
COMMUNICATIONS: CTAF 122.9

RCO 122.475 (DENVER RADIO)

RADIO AIDS TO NAVIGATION: NOTAM FILE DEN.

HUGO (H) VORW/DME 112.1 HGO Chan 58 N38°49.05' W103°37.28' 349° 27.5 NM to fld. 5233/7E.

WICHITA
L-10F



LONGMONT

VANCE BRAND (LMO)(KLMO) 3 SW UTC-7(-6DT) N40°09.86' W105°09.82'

CHEYENNE
L-10F, A
IAP

5055 B NOTAM FILE DEN

RWY 11-29: H4799X75 (CONC) S-30 MIRL 0.5% up NW

RWY 11: VASI(V2L)—GA 3.0° TCH 24'. Tree.

RWY 29: VASI(V2L)—GA 3.0° TCH 35'. Road.

SERVICE: S4 **FUEL** 100LL, JET A, MOGAS **LGT** ACTIVATE MIRL Rwy 11-29 and VASI Rwy 11 and Rwy 29—CTAF. Rwy 11 VASI unusable byd 3.9 NM. VASI does not provide obst clnc byd 3.9 NM from thld.

AIRPORT REMARKS: Attended dalgt hrs. Parachute jumping on and invof arpt primarily of rwy, avoid overflights mid fld. Ultralight and helicopter activity on and invof arpt. Noise abatement procedures in effect ctc arpt manager 303-651-8431. Rwy 29 has +15' highway 702' from thld, +25' to 35' bldgs/tanks aprx 1300' left of thld. NOTE: See Special Notices—Aerobatic Operations in Colorado, USAF 306 FTG Flight Training Areas, Vicinity of Colorado Springs and Pueblo Colorado.

AIRPORT MANAGER: 303-651-8431

WEATHER DATA SOURCES: AWOS-3 120.0 (303) 684-7545.

COMMUNICATIONS: CTAF/UNICOM 122.975

Ⓡ **DENVER APP/DEP CON** 126.1

RADIO AIDS TO NAVIGATION: NOTAM FILE BJC.

JEFFCO (H) VORW/DME 115.4 BJC Chan 101 N39°54.78' W105°08.34' 345° 15.1 NM to fld. 5737/11E.

VOR portion unusable:

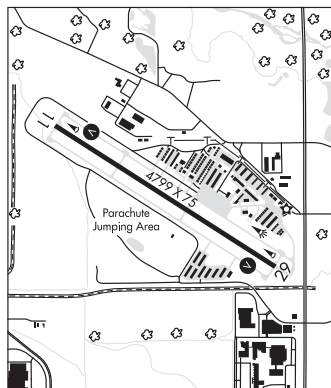
226°-245° byd 36 NM blo 17,000'

246°-278° byd 30 NM blo 19,000'

279°-300° byd 34 NM blo 18,000'

DME unusable:

246°-278° byd 30 NM



MC ELROY AIRFIELD (See KREMMLING on page 279)

MEADOW LAKE (See COLORADO SPRINGS on page 258)

MEEKER COULTER FLD (EEO)(KEEO) 2 E UTC-7(-6DT) N40°02.93' W107°53.16'

CHEYENNE
H-3E, L-9E, 11E
IAP

6415 B NOTAM FILE EEO

RWY 03-21: H6503X100 (ASPH) S-30, D-60 PCN 16 F/C/X/U

MIRL 0.9% up NE

RWY 03: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Rgt tfc.

RWY 21: REIL.

SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 2 **LGT** ACTIVATE MIRL Rwy 03-21, PAPI Rwy 03, and REIL Rwy 03 and Rwy 31—CTAF.

AIRPORT REMARKS: Attended continuously. Deer and elk and waterfowl invof arpt, wildlife fence surrounds arpt. Rwy 03 PAPI does not provide obstruction clearance byd 2.5 NM from thld. Mountains surround arpt. Cold temperature rstd arpt. Altitude correction required at or blo -17C.

AIRPORT MANAGER: 970-878-5045

WEATHER DATA SOURCES: ASOS 135.525 (970) 878-5036.

COMMUNICATIONS: CTAF/UNICOM 122.8

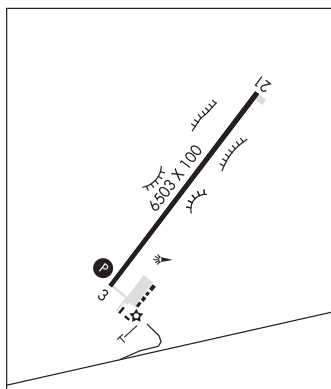
RCO 122.15 (DENVER RADIO)

DENVER CENTER APP/DEP CON 134.5

RADIO AIDS TO NAVIGATION: NOTAM FILE DEN.

(H) **VORW/DME** 115.2 EKR Chan 99 N40°04.05'

W107°55.50' 107° 2.1 NM to fld. 7630/15E.



MILE HIGH N39°53.68' W104°37.46' NOTAM FILE DEN.

DENVER
H-3E, 5A, L-10F, A

(H) **VORTACW** 114.7 DVV Chan 94 221° 3.0 NM to Denver Intl. 5279/8E.

MINERAL CO MEM (See CREEDE on page 260)

MONARCH PASS MYP N38°29.83' W106°19.18'/12030

DENVER
L-9E

AWOS-3 124.175 (719) 539-4436

MONTE VISTA MUNI (MVI)(KMVI) 5 SE UTC-7(-6DT) N37°31.72' W106°02.75'

7611 B NOTAM FILE DEN

DENVER

H-3F, 5A, L-8J, 9E

IAP

RWY 02-20: H5901X60 (ASPH) S-12.5 MIRL

RWY 02: PAPI(P2L)—GA 3.0° TCH 34'.

RWY 20: PAPI(P2L)—GA 3.0° TCH 34'. Trees.

RWY 16-34: 2300X30 (DIRT)

RWY 34: Fence.

RWY 10-28: 2100X50 (DIRT)

RWY 28: Trees.

SERVICE: S2 FUEL 100LL LGT ACTIVATE MIRL Rwy 02-20 and PAPI Rwy 02 and Rwy 20—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1500-0000Z±, Sat-Sun on call. For svc after hrs call 719-852-3241. Unltd vehicle use on arpt. Rwy 02 has a 4' fence 280' from rwy end 4' blo rwy end elevation. Rwy 10-28 and Rwy 16-34 has +4' weeds on both sides of rwy, 4' weeds at int of Rwy 34 and Rwy 28. Rwy 10-28 has +1 to +2' dirt windrow along north edge and vegetation throughout rwy. Rwy 28 has +30' p-lines 534' from thld obst. +40' trees 345' from thld 230' rgt of cntrln. Rwy 16 has +20' antenna 700' from thld 250' rgt of cntrln. Rwy 20 has +23' railroad 1110' from thld obst. Rwy 10-28 used for extreme crosswind cond only. Rwy 16-34 sandy and soft. Rwy 10-28 soft when wet. Rwy 02-20 has soft shoulders. Rwy 16 +25' bin 875' from thld 30' rgt. Ctc arpt mgr 719-852-3386 prior to use. Used by crop dusters. 50' antenna lctd north side of rwy, immediately east of apch sfc.

AIRPORT MANAGER: 719-852-3241

COMMUNICATIONS: CTAF/UNICOM 122.8

ALAMOSA RCO 122.15 (DENVER RADIO)

DENVER CENTER APP/DEP CON 128.375

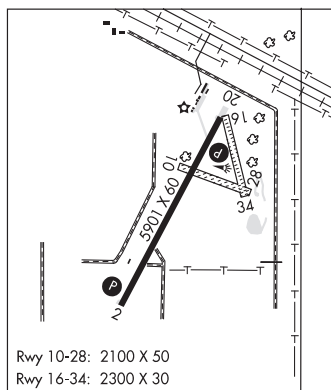
RADIO AIDS TO NAVIGATION: NOTAM FILE ALS.

ALAMOSA (H) VORTACW 113.9 ALS Chan 86 N37°20.95' W105°48.93' 301° 15.4 NM to fld. 7535/13E.

VORTAC unusable

150°-180° byd 35 NM blo 11,600'

025°-045° byd 25 NM blo 15,900'



Rwy 10-28: 2100 X 50

Rwy 16-34: 2300 X 30

MONTROSE RGNL (MTJ)(KMTJ) 1 NW UTC-7(-6DT) N38°30.59' W107°53.66'

DENVER
H-3E, L-9E
IAP, AD

5759 B Class I, ARFF Index B NOTAM FILE MTJ
RWY 17-35: H1000X150 (ASPH-GRVD) S-75, D-190, 2D-265

HIRL
RWY 17: MALSR. PAPI(P4L)—GA 3.0° TCH 55'. 0.5% up.
RWY 35: REIL. PAPI(P4L)—GA 3.0° TCH 41'. 0.3% down.
RWY 13-31: H7510X100 (ASPH-GRVD) S-65, D-90, 2D-150 HIRL
0.8 % up SE
RWY 13: REIL. VASI(V4L)—GA 3.0° TCH 43'. Tree.
RWY 31: REIL. VASI(V4L)—GA 3.0° TCH 43'.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 13: TORA-7510 TODA-7510 ASDA-7510 LDA-7510
RWY 17: TORA-10000 TODA-10000 ASDA-10000 LDA-10000
RWY 31: TORA-7510 TODA-7510 ASDA-7510 LDA-7510
RWY 35: TORA-10000 TODA-10000 ASDA-10000 LDA-10000

SERVICE: S4 FUEL 100LL, JET A+ OX 1, 3 LGT ACTIVATE HIRL Rwy 17-35 and Rwy 13-31, MALSR Rwy 17, and REIL Rwy 13, Rwy 31 and Rwy 35-CTAF.

AIRPORT REMARKS: Attended Apr 1-Dec 15 1230-0400Z†, Dec 16-Mar 31 1200-0400Z†. Migratory birds and wildlife on and invof arpt. Unscheduled air carrier ops with more than 30 pax seats rqr 24 hr PPR call arpt mgr 970-249-3433. Air carrier acft reqd to access terminal ramp via Twy C, outbd t/c Twy D. Ramp connector adjacent to T hangar row clsd indef. Twy E, E6 clsd exc acft with wingspan less than 78'. Twy B ltd to single wheel acft max 80,000 lbs, double wheel acft max 105,000 lbs, and double tandem acft max 170,000 lbs. Preferred t/kf Rwy 31 and Rwy 35 and ldg Rwy 13 and Rwy 17. Rwy 17-35 preferred rwy for acft with apch speed greater than 121 kts.

AIRPORT MANAGER: 970-249-3433

WEATHER DATA SOURCES: ASOS 135.225 (970) 249-1534.

COMMUNICATIONS: CTAF/UNICOM 122.8

RCO 122.65 (DENVER RADIO)

® DENVER CENTER APP/DEP CON 125.35

AIRSPACE: CLASS E svc 1300-0400Z‡ other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE MTJ.

(H) VOR/DME 117.1 MTJ Chan 118 N38°30.39' W107°53.96' at fld. 5713/12E. vDME unmonitored.

DME unusable:

011°-090° byd 26NM blo 15,000'

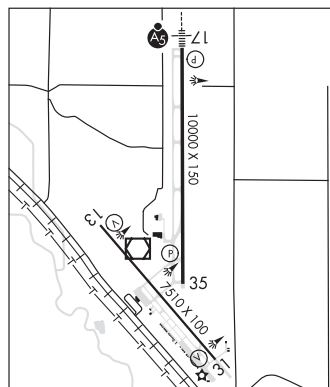
190°-250° byd 25 NM blo 15,000'

VOR unusable:

060°-090° byd 26NM blo 16,000'

190°-250° byd 25 NM blo 15,000'

ILS 111.3 I-MTJ Rwy 17. Unmonitored.



MONUMENT HILL MNH N39°13.13' W104°38.43'/7060
AWOS-3 134.375 (303) 648-3479

DENVER
L-10F

NORTH FORK VALLEY (See PAONIA on page 286)

NORTHERN COLORADO RGNL (See FORT COLLINS/LOVELAND on page 272)

NUCLA

HOPKINS FLD (AIB)(KAIB) 2 SW UTC-7(-6DT) N38°14.33' W108°33.80'

DENVER
L-9D
IAP

5940 B NOTAM FILE DEN
RWY 05-23: H4600X75 (ASPH) S-9 MIRL 0.9% up NE
RWY 11-29: 4000X80 (TURF-DIRT) 0.8% up E

RWY 11: Road.

RWY 29: Fence.

SERVICE: FUEL 100LL, JET A

AIRPORT REMARKS: Attended 1500-1900Z†. Fuel self svc avbl 24 hrs. +40' p-lines in hangar area. Migratory birds, wildlife and deer on and invof arpt. Lgtd twy signs.

AIRPORT MANAGER: 970-864-7111

WEATHER DATA SOURCES: AWOS-3 132.525 (970) 864-2325.

COMMUNICATIONS: CTAF/UNICOM 122.8

DENVER CENTER APP/DEP CON 125.35

RADIO AIDS TO NAVIGATION: NOTAM FILE DEN.

DOVE CREEK (H) VORTACW 114.6 DVC Chan 93 N37°48.52' W108°55.88' 020° 31.1 NM to fld. 6990/14E.

ORDWAY**LAKE MEREDITH SPB** (CO1) 3 SSE UTC-7(-6DT) N38°11.78' W103°41.63'

WICHITA

4254 NOTAM FILE DEN Not insp.

WATERWAY 04-22: 10000X300 (WATER)**SEAPLANE REMARKS:** Arr acft must have performed and documented an aquatic nuisance species inspection prior to arrival. All pilots landing at CO1 must complete/send waiver of liability prior to arrival. No svc avbl. Closest facility with svc is KLHX—La Junta Muni Arpt lctd 12 NM SE.**AIRPORT MANAGER:** 719-267-4411**COMMUNICATIONS:** CTAF 122.9**COMM/NAV/WEATHER REMARKS:** Arr tfc should bcst position and intentions on CTAF-122.9. Wx ASOS at LHX, 12 NM SE. Freq: 135.525. PH: 719-384-5961.**PAGOSA SPRINGS****STEVENS FLD** (PSO)(KPSO) 3 NW UTC-7(-6DT) N37°17.18' W107°03.36'

DENVER

7664 B TPA—See Remarks NOTAM FILE DEN

H-4K, L-81, 9E

RWY 01-19: H8100X100 (ASPH) S-59, D-70 PCN 24 F/B/X/U MIRL

IAP

RWY 01: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Trees.**RWY 19:** REIL. PAPI(P4R)—GA 3.5° TCH 40'.**SERVICE:** S2 FUEL 100LL, JET A OX1 LGT ACTIVATE MIRL Rwy 01-19 PAPI and REIL Rwy 19—CTAF.**AIRPORT REMARKS:** Attended 1500-0000Z†. Wildlife on and invof arpt. Balloon ops invof arpt. Twy B clsd to acft 12,500 pounds and over. TPA 8664(1000) for prop acft and 9164(1500) for jet acft.**AIRPORT MANAGER:** 970-731-3060**WEATHER DATA SOURCES:** AWOS-3 127.175 (970) 731-0365.**COMMUNICATIONS:** CTAF/UNICOM 122.7**DENVER CENTER APP/DEP CON** 118.575**RADIO AIDS TO NAVIGATION:** NOTAM FILE DRO.**DURANGO (L) VORW/DME** 108.2 DRO Chan 19 N37°09.20' W107°44.98' 062° 34.2 NM to fld. 6662/14E.

DME portion unusable:

070°-090° byd 30 NM blo 12,500'

140°-185° byd 25 NM blo 13,000'

PAONIA**NORTH FORK VALLEY** (7V2) 3 SW UTC-7(-6DT) N38°49.88' W107°38.75'

DENVER

5798 TPA-6598(800) NOTAM FILE DEN

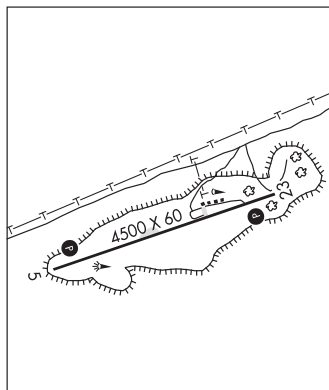
L-9E

RWY 05-23: H4500X60 (ASPH) S-21 HIRL**RWY 05:** PAPI(P2L).**RWY 23:** PAPI(P2L).**SERVICE:** S4 FUEL 100LL LGT ACTIVATE HIRL Rwy 05-23, PAPI Rwy 05 and Rwy 23—CTAF.**AIRPORT REMARKS:** Attended Mon-Fri 1500-0100Z†, Sat-Sun irregularly. 24 hr self serve fuel avbl. Rwy 05-23 has -50' to 75' terrain dropoff on both sides at various locations the entire length of rwy. Rwy 23 has -60' drop off at thld and within 30' of centerline at various locations.**AIRPORT MANAGER:** 970-527-3345**COMMUNICATIONS:** CTAF/UNICOM 122.7**RADIO AIDS TO NAVIGATION:** NOTAM FILE DEN.**BLUE MESA (H) VORW/DME** 114.9 HBU Chan 96 N38°27.13'

W107°02.38' 295° 36.4 NM to fld. 8740/14E.

DME portion unusable:

315°-325° byd 27 NM blo 17,500'

**PERRY STOKES** (See TRINIDAD on page 293)**PETEY** N38°41.66' W104°42.98' NOTAM FILE COS.

DENVER

NDB (MHW/L0M) 407 CO 358° 6.7 NM to City Of Colorado Springs Muni. 5574/8E.

L-10F

PLATTE VALLEY AIRPARK (See HUDSON on page 278)

PUEBLO MEM (PUB)(KPUB) 5 E UTC-7(-6DT) N38°17.40' W104°29.88'

DENVER
H-5A, L-10F
IAP, AD

4729 B Class II, ARFF Index A NOTAM FILE PUB

RWY 08R-26L: H10496X150 (ASPH-GRVD) S-75, D-170, 2D-250

HIRL

RWY 08R: MALSR. REIL. PAPI(P4L)—GA 3.0° TCH 40'. Rgt ttc.

RWY 26L: REIL. PAPI(P4L)—GA 3.0° TCH 40'. 0.4 % up..

RWY 17-35: H8310X150 (ASPH-GRVD) S-93, D-110, 2S-140, 2D-170 MIRL

RWY 17: REIL. PAPI(P4L)—GA 3.0° TCH 62'. 1.0% down..

RWY 35: REIL. PAPI(P4L)—GA 3.0° TCH 45'. 0.9% up..

RWY 08L-26R: H4690X75 (ASPH-GRVD) S-20, 2S-175 MIRL

RWY 08L: REIL. PAPI(P4L)—GA 3.0° TCH 40'.

RWY 26R: REIL. PAPI(P4L)—GA 3.0° TCH 40'.

LAND AND HOLD—SHORT OPERATIONS

| LDG RWY | HOLD—SHORT POINT | AVBL LDG DIST |
|----------------|------------------|---------------|
| RWY 17 | 08R-26L | 4700 |
| RWY 26L | 17-35 | 8300 |

RUNWAY DECLARED DISTANCE INFORMATION

| |
|--|
| RWY 08L: TORA-4690 TODA-4690 ASDA-4690 LDA-4690 |
| RWY 08R: TORA-10496 TODA-10496 ASDA-10496 LDA-10496 |
| RWY 17: TORA-8308 TODA-8308 ASDA-8308 LDA-8308 |
| RWY 26L: TORA-10496 TODA-10496 ASDA-10496 LDA-10496 |
| RWY 26R: TORA-4690 TODA-4690 ASDA-4690 LDA-4690 |
| RWY 35: TORA-8308 TODA-8308 ASDA-8308 LDA-8308 |

SERVICE: S4 **FUEL** 100LL, JET A **OX** 3 **LGT** When twr clsd **ACTIVATE** HIRL Rwy 08R-26L, MIRL Rwy 17-35, MALSR Rwy 08R, PAPI Rwy 08R, Rwy 26L, Rwy 08L, Rwy 26R, Rwy 17, Rwy 35, and REIL Rwy 17, Rwy 35, Rwy 26L, Rwy 08L, and Rwy 26R—CTAF.

AIRPORT REMARKS: Attended 1300-0500Z†. Conditions not monitored 0500-1300Z†. For fuel after hrs call 719-948-3316 or use 100LL self-svc. Be alert, intensive USAF student training in vol of Colorado Springs and Pueblo Colorado. Rwy 08L-26R avbl to acft under 20,000 lbs during dalgt and night hrs. High volume training DA-20 acft Mon-Fri SR-SS. Overhead pat during training. Extensive use of training area 12-28 DME north to southwest of aprt 500' AGL to 8500' MSL Mon-Fri SR-SS. See Special Notices—USAF 306 FTG Flight Training Areas, Vicinity of Colorado Springs and Pueblo Colorado.

AIRPORT MANAGER: 719-553-2760

WEATHER DATA SOURCES: ASOS (719) 948-2803

COMMUNICATIONS: CTAF 119.1 ATIS 125.25 UNICOM 122.95

RCO 122.2 (DENVER RADIO)

Ⓡ DENVER APP/DEP CON 120.1 (1300-0500Z†)

Ⓡ DENVER CENTER APP/DEP CON 128.375 (0500-1300Z†)

TOWER 119.1 (1300-0500Z†) **GND CON** 121.9 **CLNC DEL** 120.9

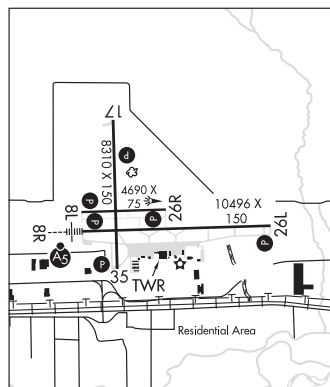
AIRSPACE: CLASS D svc 1300-0500Z† other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE PUB.

(H) **VORTACW** 116.7 PUB Chan 114 N38°17.66' W104°25.77' 257° 3.2 NM to fld. 4759/8E.

ILS 109.5 I-PUB Rwy 08R. Class IE. Unmonitored when ATCT closed.

ILS 108.3 I-TFR Rwy 26L. Class IA. Unmonitored when ATCT closed.



RANGELY (4V0) 2 E UTC-7(-6DT) N40°05.64' W108°45.78'
5278 B NOTAM FILE DEN

CHEYENNE
H-3E, L-9D, 11E
IAP

RWY 06-24: H6409X75 (ASPH) S-28, D-28 PCN 28 F/C/X/T MIRL
0.6% up SW

RWY 06: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Rgt tfc.

RWY 24: REIL. Road.

SERVICE: FUEL 100LL LGT ACTIVATE MIRL Rwy 06-24 and REIL Rwy 06 and Rwy 24—CTAF. PAPI Rwy 06 opr continuously.

AIRPORT REMARKS: Attended continuously. Self-svc fuel avbl with credit card. For svc call 970-675-2316. Minor emerg svcs upon req. Monitor 123.5 for trng ops at arprt. Three flashing haz bcns outline obst hills east. Rwy 06-24 shoulders soft when wet. Deer periodically on and invof arprt. +60 trees 2300' from Rwy 06. Rwy 06 has +8' fence line 520' from thld obst, +66' trees 2500' from thld 600' left of cntrln. Rwy 24 has +10' fence line 615' from thld obst. Twy marked with blue reflectors.

AIRPORT MANAGER: 970-675-2316

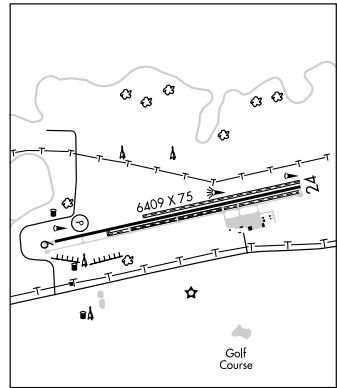
WEATHER DATA SOURCES: AWOS-3PT 119.025 (970) 675-2339.

COMMUNICATIONS: CTAF/UNICOM 122.8

RCO 122.650 (DENVER RADIO)

RADIO AIDS TO NAVIGATION: NOTAM FILE DEN.

MEEKER (H) VORW/DME 115.2 EKR Chan 99 N40°04.05'
W107°55.50' 258° 38.6 NM to fld. 7630/15E.



RED TABLE N39°26.36' W106°53.68' NOTAM FILE DEN.

DENVER
H-3E, L-9E

(H) VORW/DME 113.0 DBL Chan 77 163° 13.1 NM to Aspen-Pitkin Co/Sardy Fld. 11800/12E.

RIFLE GARFIELD CO (RIL)(KRIL) 3 E UTC-7(-6DT) N39°31.60' W107°43.68'
5537 B NOTAM FILE RIL

DENVER
H-3E, L-9E
IAP

RWY 08-26: H7000X100 (ASPH-GRVD) S-90, D-200, 2S-108,
2D-250 PCN 43 F/B/X/U HIRL 1.0% up E

RWY 08: REIL. PAPI(P4L)—GA 3.0° TCH 47'.

RWY 26: ODALS. PAPI(P4L)—GA 3.6° TCH 58'. Rgt tfc.

SERVICE: S4 FUEL 100LL, JET A OX 1, 4 LGT ACTIVATE HIRL Rwy 08-26, PAPI Rwy 08, Rwy 26 and REIL Rwy 08 and, ODALS Rwy 26—CTAF.

AIRPORT REMARKS: Attended continuously. Fuel avbl 24 hrs. 100LL self-svc with credit card. Jet A after hrs call 970-625-4833. After winter snow storms arprt opens before all twys are cleared. Cold temperature rstd arprt. Alt correction required at or blo -15C. User fee for acft 12,500 lbs or more. Overnight parking fee.

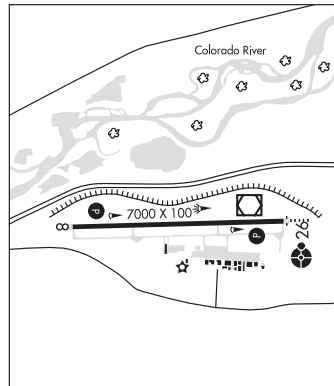
AIRPORT MANAGER: 970-625-1091

WEATHER DATA SOURCES: ASOS 135.275 (970) 625-2206.

COMMUNICATIONS: CTAF/UNICOM 122.8

RCO 122.5 (DENVER RADIO)

DENVER CENTER APP/DEP CON 134.95



CONTINUED ON NEXT PAGE

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AIRSPACE: CLASS E

RADIO AIDS TO NAVIGATION: NOTAM FILE RIL.

(L) VOR/DME 110.6 RIL Chan 43 N39°31.70' W107°43.18' at fld. 5516/10E.

VOR/DME unusable:

180°-220° byd 10 blo 16,000'

VOR unusable:

140°-160° byd 21 NM blo 15,000'

160°-175° byd 21 NM blo 17,500'

180°-230° byd 21 NM

240°-335° byd 21 NM blo 15,000'

335°-055° byd 21 NM blo 17,000'

DME unusable:

085°-135° byd 21 NM

135°-150° byd 21 NM blo 15,000'

150°-230° byd 21 NM

230°-260° byd 21 NM blo 15,000'

230°-260° byd 30 NM

260°-295° byd 15 NM blo 15,000'

260°-295° byd 21 NM

295°-335° byd 21 NM blo 15,000'

295°-335° byd 30 NM

340°-015° byd 15 NM blo 15,000'

340°-055° byd 21 NM

ILS/DME 110.9 I-RIL Chan 46 Rwy 26. Class IB.

ROBERT N40°27.83' W106°52.34' NOTAM FILE DEN.

CHEYENNE

(L) VORW/DME 112.2 BQZ Chan 59 352° 3.2 NM to Steamboat Springs/Bob Adams fld. 8211/13E.

L-9E, 11E

DME portion unusable:

010°-036° byd 30 NM

037°-090° byd 20 NM

090°-135° byd 25 NM blo 15,000'

VOR portion unusable:

010°-036° byd 30 NM blo 16,000'

037°-090° byd 30 NM blo 14,500'

ROCKY MOUNTAIN METROPOLITAN (See DENVER on page 267)

SAGUACHE MUNI (Ø4V) 2 NW UTC-7(-6DT) N38°05.96' W106°10.46'

DENVER

7850 NOTAM FILE 04V

RWY 11-29: 7957X55 (GRVL-DIRT) 0.8% up W

RWY 11: Road.

RWY 29: Pole.

AIRPORT REMARKS: Unattended. Wildlife on and invof arpt. Unlimited vehicle use on arpt. Rwy 29 has -5' ditch 288' from thld outbound and -4' terrain 70' left of centerline at thld. Numerous prairie dog holes on rwy edge near Rwy 29 end.

Rwy 11-29 has +2' bushes along rwy edge in various places. Rwy 11-29 soft when wet. For current arpt conditions ctc arpt manager 719-655-2554. Rwy 11-29 has rwy numbers 55' by 75' asph pads on each rwy end.

AIRPORT MANAGER: 719-655-2554

WEATHER DATA SOURCES: AWOS-3P 118.625 (719) 655-2229.

COMMUNICATIONS: CTAF 122.9

SALIDA

HARRIET ALEXANDER FLD (ANK)(KANK) 2 W UTC-7(-6DT) N38°32.30' W106°02.92' DENVER
 7523 B NOTAM FILE DEN H-3F, 5A, L-9E
RWY 06-24: H7351X75 (ASPH) S-30, D-60 PCN 19 F/A/X/T MIRL 1.9% up W IAP
RWY 06: PAPI(P2L)—GA 3.5° TCH 35'. Road.
RWY 24: PAPI(P2L)—GA 3.0° TCH 42'.
SERVICE: FUEL 100LL, JET A+ LGT ACTIVATE MIRL Rwy 06-24 and PAPI Rwy 06 and Rwy 24—CTAF.
AIRPORT REMARKS: Attended Wed-Sun 1500-0000Z†. Fuel avbl with credit card. Be alert, intensive USAF student training invof Colorado Springs and Pueblo Colorado. During high wind conditions downdrafts approaching Rwy 24. Rwy 24 recommended for ldg, Rwy 06 for departure weather and tfc permitting. Rwy 24 has 365' unlighted smokestack 5082' from thld 2500' right of centerline. 6-7 inch lip at pavement edges on apron west of fuel pumps. Rwy 06 +60' Powerline marked with orange balls 630' from thld, 435' left of rwy extended centerline. PAPI Rwy 24 does not provide obstacle clearance byd 2.0 NM from thld, unusable byd 2 NM. Cold temperature rstd arpt. Alt correction required at or blo -22C. See Special Notices—USAF 306 FTG Flight Training Areas, Vicinity of Colorado Springs and Pueblo Colorado.
AIRPORT MANAGER: (719) 239-1648
WEATHER DATA SOURCES: AWOS-3 133.85 (719) 539-5268.
COMMUNICATIONS: CTAF/UNICOM 122.7
 DENVER CENTER APP CON 128.375
 DENVER CENTER DEP CON 119.85
RADIO AIDS TO NAVIGATION: NOTAM FILE DEN.
BLUE MESA (H) VORW/DME 114.9 HBU Chan 96 N38°27.13' W107°02.38' 069° 47.0 NM to fld. 8740/14E.
 DME portion unusable:
 315°-325° byd 27 NM blo 17,500'

HELIPAD H1: H36X36 (CONC)

SAN LUIS VALLEY RGNL/BERGMAN FLD (See ALAMOSa on page 248)

SILVER WEST (See WESTCLIFFE on page 294)

SKIPI N39°47.51' W104°26.05' NOTAM FILE FTG. DENVER
 NDB (LOMW) 321 FT 257° 4.8 NM to Front Range. 5407/8E.

SNOW N39°37.77' W106°59.47' NOTAM FILE DEN. DENVER
(T) VORW/DME 109.2 SXW Chan 29 065° 3.6 NM to Eagle Co Rgnl. 8070/12E. VOR/DME unmonitored L-9E
 0600-1300Z†.
 VOR portion unusable:
 310°-355°
 VOR/DME unusable:
 115°-135°

SPANISH PEAKS AIRFIELD (See WALSENBURG on page 294)

SPRINGFIELD MUNI (8V7) 4 N UTC-7(-6DT) N37°27.52' W102°37.08' WICHITA
 4390 B NOTAM FILE DEN H-5A, L-10G, 15B
RWY 17-35: H5000X60 (CONC) S-12.5 MIRL IAP
RWY 17: PAPI(P2L)—GA 3.0° TCH 30'.
RWY 35: PAPI(P2L)—GA 3.0° TCH 30'.
SERVICE: FUEL 100LL LGT ACTIVATE MIRL and PAPI Rwy 17-35—CTAF.
AIRPORT REMARKS: Unattended. PAEW in close proximity to rwy. Be alert, intensive USAF student training invof Colorado Springs and Pueblo Colorado. Twy marked with blue and yellow reflectors. NOTE: See Special Notices—Aerobic Operations in Colorado. USAF 306 FTG Flight Training Areas, Vicinity of Colorado Springs and Pueblo Colorado.
AIRPORT MANAGER: (719) 529-0341
COMMUNICATIONS: CTAF 122.9
 DENVER CENTER APP CON 133.4
 ALBUQUERQUE CENTER DEP CON 127.85
RADIO AIDS TO NAVIGATION: NOTAM FILE LAA.
LAMAR (H) VORW/DME 116.9 LAA Chan 116 N38°11.83' W102°41.25' 164° 44.4 NM to fld. 3944/12E.

STEAMBOAT SPRINGS/BOB ADAMS FLD (SBS)(KSBS) 3 NW UTC-7(-6DT) N40°30.98' W106°51.98' **CHEYENNE**
 6882 B NOTAM FILE SBS L-9E, 11E
 IAP

RWY 14-32: H4452X100 (ASPH-GRVD) S-50, D-60 HIRL

RWY 14: Rgt tfc.

RWY 32: REIL. PAPI(P2L)—GA 4.0° TCH 40'. Thld dsplcd 600'.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 14: TORA-4452 TODA-4452 ASDA-3852 LDA-3852

RWY 32: TORA-4452 TODA-4452 ASDA-4452 LDA-3852

SERVICE: S2 FUEL 100LL, JET A QX 1, 2, 3, 4 LGT ACTIVATE HIRL

Rwy 14-32, PAPI Rwy 32 and REIL Rwy 32—CTAF.

AIRPORT REMARKS: Attended Nov-Apr 1400-0000Z, May-Oct 1400-0000Z. Wildlife on and in/ov arpt. Hang glider activity on and in vicinity of arpt. Rwy 32 has -180' dropoff 2000' from pavement end. Sharp dropoffs on sides and ends of rwy. Rwy 32 PAPI baffled, only visible to 5.5° left of rwy centerline due to high terrain. Cold temperature rstd arpt. Alt correction required at or blo -32C.

AIRPORT MANAGER: (719) 640-4766

WEATHER DATA SOURCES: AWOS-3 118.325 (970) 879-7794.

COMMUNICATIONS: CTAF/UNICOM 122.8

RCO 122.2 (DENVER RADIO)

DENVER CENTER APP/DEP CON 120.475

RADIO AIDS TO NAVIGATION: NOTAM FILE DEN.

ROBERT (L) VOR/DME 112.2 BQZ Chan 59 N40°27.83' W106°52.34' 352° 3.2 NM to fld. 8211/13E.

DME portion unusable:

010°-036° byd 30 NM

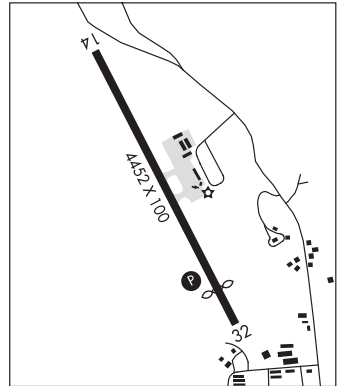
037°-090° byd 20 NM

090°-135° byd 25 NM blo 15,000'

VOR portion unusable:

010°-036° byd 30 NM blo 16,000'

037°-090° byd 30 NM blo 14,500'



STERLING MUNI (STK)(KSTK) 3 W UTC-7(-6DT) N40°36.90' W103°15.86' **CHEYENNE**
 4038 B TPA-5038(1000) NOTAM FILE DEN H-5A, L-10G
 IAP

RWY 15-33: H5201X75 (ASPH) S-30 MIRL

RWY 15: REIL. PAPI(P2L)—GA 3.0° TCH 44'. Road.

RWY 33: REIL. PAPI(P2L)—GA 3.0° TCH 44'.

SERVICE: FUEL 100LL, JET A LGT MIRL Rwy 15-33 preset low ints to increase ints—CTAF.

AIRPORT REMARKS: Attended 1400-2300Z. For after hrs svc call 970-520-2325. Aerobatic ops on and in/ov arpt. Be alert, intensive USAF student training in/ov Colorado Springs and Pueblo Colorado. Rwy 04-22 soft when wet and rough. Intensive AG ops during Mar-Sept. Twys and terminal tiedown area marked with blue reflectors. Rwy 04 has +8' fence 155' fm thld OB. NOTE: See Special Notices—Aerobatic Operations in Colorado. USAF 306 FTG Flight Training Areas, Vicinity of Colorado Springs and Pueblo Colorado.

AIRPORT MANAGER: 970-522-0417

WEATHER DATA SOURCES: AWOS-3 118.525 (970) 526-3009.

COMMUNICATIONS: CTAF/UNICOM 122.8

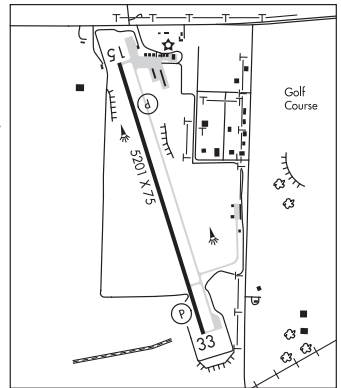
DENVER CENTER APP/DEP CON 118.475

RADIO AIDS TO NAVIGATION: NOTAM FILE AKO.

AKRON (H) VOR/DME 114.4 AKO Chan 91 N40°09.33'

W103°10.78' 339° 27.8 NM to fld. 4623/13E.

BATTEN NDB (MHW) 392 BAJ N40°31.92' W103°13.81' 335° 5.2 NM to fld. 4038/8E. NOTAM FILE DEN.



STEVENS FLD (See PAGOSA SPRINGS on page 286)

SUNLIGHT MOUNTAIN 5SM N39°25.53' W107°22.75'/10603 **DENVER**
 AWOS-3 126.075 (970) 384-3380 AWOS visibility unreliable indef. H-3E, L-9E

TELLURIDE RGNL (TEX)(KTEX) 5 W UTC-7(-6DT) N37°57.23' W107°54.53'

9070 B TPA—10484(1414) ARFF Index—See Remarks NOTAM FILE TEX

DENVER

H-3E, L-9E

IAP, AD

RWY 09-27: H7111X100 (ASPH-GRVD) S-45, D-89 PCN 35 F/D/X/T

HIRL 0.4% up E

RWY 09: REIL. PAPI(P4L)—GA 3.55° TCH 46'. Thld dsplcd 200'. Hill.

Rgt tfc.

RWY 27: REIL. PAPI(P4L)—GA 4.0° TCH 40'. Thld dsplcd 200'. Hill.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 09: TORA-7111 TODA-7111 ASDA-7111 LDA-6911

RWY 27: TORA-7111 TODA-7111 ASDA-7111 LDA-6911

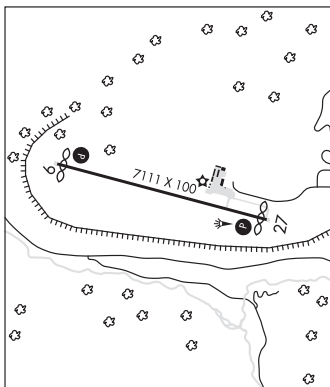
ARRESTING GEAR/SYSTEM

RWY 09: EMAS

RWY 27: EMAS

SERVICE: FUEL 100LL, JET A **OX** 1, 2, 3, 4 **LGT** Rwy 27 PAPI lgts unusable byd 2.5 NM due to terrain. **ACTIVATE** HIRL Rwy 09-27, PAPI Rwy 09, and Rwy 27, REIL Rwy 09 and Rwy 27—**CTAF**. Arpt lighting system emerg use only 0400-1300Z†.

AIRPORT REMARKS: Attended Apr-Oct 1400-0400Z†, Nov-Mar 1400-0100Z†. Arpt CLOSED 0400-1300Z†. Rising terrain all quadrants. Arpt on 1000' mesa, strong vertical turbulence in area of mesa edge. Rwy 09-27 recommended tkf Rwy 27, land Rwy 09 and avoid populated areas. Rwy 09-27 grade -.08 on rwy ends, -1.3 to approximately midpoint then +.75. Glider, hang glider and helicopter ops on and invof arpt. ARFF Index rstd to FAR 139 design groups A1-CIII. Noise abatement procedures in effect. For more information ctc TEX customer svc 970-728-8600. Air carrier ops during unattended hrs must notify TEX customer svc at 970-728-8603 24 hrs in advance for provision of adequate ARFF personnel. Cold temperature rstd arpt. Altitude correction required at or blo -14C. Ldg fee.



AIRPORT MANAGER: (970) 728-8601

WEATHER DATA SOURCES: AWOS-3 118.325 (970) 728-1534.

COMMUNICATIONS: CTAF/UNICOM 123.0

RCO 122.15 (DENVER RADIO)

DENVER CENTER APP/DEP CON 125.35

RADIO AIDS TO NAVIGATION: NOTAM FILE DEN.

CONES (L) VORW/DME 110.2 ETL Chan 39 N38°02.42' W108°15.51' 095° 17.4 NM to fld. 8460/12E.

VOR/DME unmonitored.

VOR/DME unusable:

078°-090° byd 30 NM

115°-125° byd 25 NM

145°-175° byd 25 NM

350°-360° byd 35 NM

LDA/DME 109.3 I-TEX Chan 30 Rwy 09. LOC/DME unusable byd 20° either side of course centerline. DME unusable 20° left and right of course. LOC unusable from thld within 1.0 DME.

THURMAN N39°41.90' W103°12.90' NOTAM FILE DEN.

WICHITA

(L) **VORTACW** 112.9 TXC Chan 76 208° 32.9 NM to Limon Muni. 4890/12E.

H-5A, L-10G

TOBE N37°15.52' W103°36.00' NOTAM FILE DEN.

WICHITA

(L) **VORW/DME** 111.2 TBE Chan 49 258° 35.5 NM to Perry Stokes. 5730/12E.

H-5A, L-15A

TRINIDAD

PERRY STOKES (TAD)(KTAD) 10 NE UTC-7(-6DT) N37°15.55' W104°20.45'

DENVER

5762 B NOTAM FILE TAD

H-5A, L-10F, 15A

RWY 03-21: H5500X100 (ASPH) S-37, D-50 MIRL 0.4% up SW

IAF

RWY 03: REIL. PAPI(P2L)—GA 3.0° TCH 40'.

RWY 21: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Trees. Rgt tfc.

RWY 09-27: 5500X100 (TURF-GRVL)

RWY 09: Trees.

SERVICE: FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 03-21 and PAPI Rwy 03 and Rwy 21—CTAF. PPR.

AIRPORT REMARKS: Attended Mon 2100-0100Z†, Tue-Fri 1500-1900Z†. Be alert, intensive USAF student training invof Colorado Springs and Pueblo Colorado. Rwy 09-27 has +3'-6' bushes on edge both sides of rwy along entire length, +40' trees 846' from thld Rwy 09 and 137' right. Rwy 09 +4' bushes, +3' posts within 100' of rwy end on both sides of center. Rwy 09-27 soft when wet. Rwy 09-27 various prairie dog holes throughout rwy. Twys have blue/white reflectors at pavement edge. Cold temperature rstd arpt. Altitude correction required at or blo -26C. See Special Notices—USAF 306 FTG Flight Training Areas, Vicinity of Colorado Springs and Pueblo Colorado.

AIRPORT MANAGER: (719) 859-4414

WEATHER DATA SOURCES: ASOS 119.025 (719) 845-1156.

COMMUNICATIONS: CTAF/UNICOM 122.8

TRINIDAD RCO 122.2 (DENVER RADIO)

DENVER CENTER APP/DEP CON 128.375

AIRSPACE: CLASS E

RADIO AIDS TO NAVIGATION: NOTAM FILE DEN.

TOBE (L) VORW/DME 111.2 TBE Chan 49 N37°15.52' W103°36.00' 258° 35.5 NM to fld. 5730/12E.

USAF ACADEMY AFLD (AFF)(KAFF) 10 N UTC-7(-6DT) N38°58.40' W104°49.20'

DENVER

6576 NOTAM FILE DEN Not insp.

L-10F

RWY 16R-34L: H4500X40 (ASPH) PCN 24 F/B/W/T

RWY 16C-34C: H4480X75 (ASPH) PCN 22 F/A/W/T

RWY 16L-34R: H3534X75 (ASPH) PCN 24 F/B/W/T

RWY 08-26: H2485X75 (ASPH) PCN 21 F/B/W/T

COMMUNICATIONS: CTAF 124.15 ATIS 128.525 269.375 PTD 376.0

TOWER 124.15 319.25 (1245Z†-SS Mon-Fri fr Apr 1 to Sep 20, SR-SS Mon-Fri) **GND CON** 118.125

PMSV: METRO 376.0

AIRSPACE: CLASS D svc 0545-SS Mon-Fri Apr 1-Sep 20; SR-SS Mon-Fri Sep 21-Mar 31, Sat 0730 or SR (whichever is later)-1430, clsd Sun & holidays other times CLASS G.

VANCE BRAND (See LONGMONT on page 283)

WALDEN-JACKSON CO (33V) 1 NE UTC-7(-6DT) N40°45.02' W106°16.29'

CHEYENNE

8154 B NOTAM FILE DEN

H-3F, 5A, L-9E, 11E

RWY 04-22: H5900X75 (ASPH) S-25 MIRL

IAF

RWY 04: PAPI(P4L)—GA 3.0° TCH 35'.

RWY 22: PAPI(P4L)—GA 3.0° TCH 35'.

RWY 17-35: 4020X100 (TURF) 0.4% up S

RWY 17: Fence.

RWY 35: Road.

SERVICE: LGT ACTIVATE MIRL Rwy 04-22, PAPI Rwy 04 and Rwy 22 CTAF.

AIRPORT REMARKS: Attended on call. Phone 970-723-4660 or 970-723-4481 or 970-846-6971. Rwy 04 +20' p-line 660' from rwy end 750' left of extended centerline. Rwy 04 has -50' dropoff 450' from thld. Radio controlled model acct opr on arpt at SE corner. Occasional deer and antelope on rwys. Rwy 35 +4' fence at thld on centerline, tops of fence posts painted yellow. Rwy 17 35 marked with inoperable rwy edge lgts and orange cones. Rwy 22 number located 125' from pavement end. Restrooms avbl May Sep on arpt.

AIRPORT MANAGER: 970-723-4660

WEATHER DATA SOURCES: AWOS-3 118.625 (970) 723-4513.

COMMUNICATIONS: CTAF 122.9

DENVER CENTER APP/DEP CON 126.5

RADIO AIDS TO NAVIGATION: NOTAM FILE DEN.

KREMMLING (H) VORW/DME 113.8 RLG Chan 85 N40°00.16' W106°26.55' 356° 45.5 NM to fld. 9415/14E.

DME unusable:

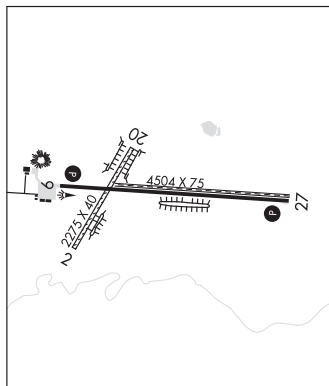
285°-305° byd 34 NM blo 16,300'

WALSENBURG**SPANISH PEAKS AIRFIELD** (4V1) 5 N UTC-7(-6DT) N37°41.79' W104°47.09'**DENVER**
L-10F, 15A
IAP

6056 NOTAM FILE DEN

RWY 09-27: H4504X75 (ASPH) S-17, D-17 PCN 5 F/C/Y/T MIRL

0.6% up W

RWY 09: PAPI(P2L)—GA 3.0° TCH 45'.**RWY 27:** PAPI(P2L)—GA 3.0° TCH 45'.**RWY 02-20:** 2275X40 (TURF-DIRT) 1.0% up SW**RWY 02:** Fence.**SERVICE:** FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 09-27 and PAPI Rwy 09 and Rwy 27—CTAF.**AIRPORT REMARKS:** Attended irregularly. 24 hr credit card fuel avbl. Arpt CLOSED to acft over 12,500 pounds. Rwy 02-20 CLOSED except PPR ctc arpt manager prior to use 719-742-5323 or 719-859-5323. Be alert, intensive USAF student training invof Colorado Springs and Pueblo Colorado. Rwy 02 first 1000' has ruts and bumps. Rwy 02 rough and not well maintained. See Special Notices—USAF 306 FTG Flight Training Areas, Vicinity of Colorado Springs and Pueblo Colorado.**AIRPORT MANAGER:** 719-251-4380**WEATHER DATA SOURCES:** AWOS-3 123.6 (719) 738-1053.**COMMUNICATIONS:** CTAF/UNICOM 122.8**DENVER CENTER APP/DEP CON** 128.375**RADIO AIDS TO NAVIGATION:** NOTAM FILE PUB.**PUEBLO (H) VORTACW** 116.7 PUB Chan 114 N38°17.66' W104°25.77' 197° 39.6 NM to fld. 4759/8E.**WULF CREEK PASS** C07 N40°21.27' W106°41.95'/10577**CHEYENNE**
H-3E, L-9E, 11E

AWOS-3PT 127.125 (970) 824-0261

WESTCLIFFE**SILVER WEST** (C08) 9 SE UTC-7(-6DT) N38°00.80' W105°22.46'**DENVER**
H-3E, 5A, L-10F

8290 NOTAM FILE DEN

RWY 13-31: H6954X55 (ASPH)**RWY 13:** Rgt tfc.**RWY 31:** Ground.**SERVICE:** FUEL 100LL**AIRPORT REMARKS:** Unattended. 24 hr self serve fuel. Be alert, intensive USAF student training invof Colorado Springs and Pueblo Colorado. Occasional deer and elk on Rwy 13-31. Rwy 13-31 has varying terrain heights from -5 to +12' along full length of rwy inside of primary surface. Rwy 13 31 has +15' Highway 120' W of and parallel to centerline full length, +4' fence 100' W of and parallel to centerline full length. Public use telephone and free wifi avbl. See Special Notices USAF 306 FTG Flight Training Areas, Vicinity of Colorado Springs and Pueblo Colorado.**AIRPORT MANAGER:** 719-783-2286**COMMUNICATIONS:** CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE ALS.**ALAMOSA (H) VORTACW** 113.9 ALS Chan 86 N37°20.95' W105°48.93' 015° 45.0 NM to fld. 7535/13E.

VORTAC unusable

150°-180° byd 35 NM blo 11,600'

025°-045° byd 25 NM blo 15,900'

WESTWINDS (See DELTA on page 262)**WILKERSON PASS** 4BM N39°03.02' W105°30.87'/11279**DENVER**
L-10F

AWOS-3 132.3 (303) 512-4418

WOLF CREEK PASS CPW N37°27.87' W106°48.27'/11760**DENVER**
L-9E

AWOS-3 121.125 (970) 264-2180

WRAY MUNI (2V5) 2 NW UTC-7(-6DT) N40°06.02' W102°14.47'
3677 B NOTAM FILE DEN

CHEYENNE
H-5A, L-10G
IAF

RWY 17-35: H5399X75 (ASPH) S-16 PCN 15 F/A/Z/T MIRL 0.7% up N

RWY 17: REIL. PAPI(P2L)—GA 3.0° TCH 45'.

RWY 35: REIL. PAPI(P2L)—GA 3.0° TCH 43'.

SERVICE: FUEL 100LL LGT Rwy 17 REIL OTS indef. Rwy 35 REIL OTS indef. ACTIVATE PAPI Rwy 17 and Rwy 35; MIRL Rwy 17-35—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1500-0000Z±, Sat 1500-1900Z±. 24 hr self serve fuel avbl. Be alert, intensive USAF student training invof Colorado Springs and Pueblo Colorado. Putting greens and 4' fences 50' right and 75' left of rwy centerline. Twy marked with blue reflectors. See Special Notices—USAF 306 FTG Flight Training Areas, Vicinity of Colorado Springs and Pueblo Colorado.

AIRPORT MANAGER: 970-332-4656

WEATHER DATA SOURCES: AWOS-3 118.250 (970) 332-5930.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ DENVER CENTER APP/DEP CON 132.7

RADIO AIDS TO NAVIGATION: NOTAM FILE GLD.

GOODLAND (H) VORTACW 115.1 GLD Chan 98 N39°23.27' W101°41.54' 317° 49.7 NM to fld. 3654/12E.

HIWAS.

YAMPA VALLEY (See HAYDEN on page 277)

YUMA MUNI (2V6) 1 SE UTC-7(-6DT) N40°06.34' W102°42.87'
4138 B NOTAM FILE DEN

CHEYENNE
L-10G

RWY 16-34: H4200X75 (ASPH) S-12.5 MIRL

RWY 16: REIL. PAPI(P2L)—GA 3.0° TCH 39'. Tree.

RWY 34: REIL. PAPI(P2L)—GA 3.0° TCH 39'. Rgt tfc.

RWY 12-30: H3276X60 (ASPH-GRVL) 0.6% up NW

RWY 12: Road. Rgt tfc.

RWY 30: Road.

SERVICE: S4 FUEL 100LL LGT MIRL Rwy 16-34 preset med ints dusk-dawn. ACTIVATE REIL Rwy 16 and Rwy 34—CTAF. PCL not available for PAPI sys. Rwy 16 PAPI byd 8 deg rgt of RCL unsbl.

AIRPORT REMARKS: Attended Mon-Sat dalgt hrs. Be alert, intensive USAF student training invof Colorado Springs and Pueblo. Rwy 12-30 soft when wet. Center 650' Rwy 12-30 asph. Remainder grvl. Rwy 12 has +20' bldg 90' from thld, 213' right. Rwy 30 has -2' ditch at thld 0B; +4' fence 50' from thld 0B. Twys marked with blue and yellow reflectors. See Special Notices USAF 306 FTG Flight Training Areas, Vicinity of Colorado Springs and Pueblo Colorado.

AIRPORT MANAGER: 970-848-3878

WEATHER DATA SOURCES: AWOS-3 135.375 (970) 848-3007.

COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE AKO.

AKRON (H) VORW/DME 114.4 AKO Chan 91 N40°09.33' W103°10.78' 085° 21.6 NM to fld. 4623/13E.

ALAMO LANDING FLD (L92) 2 W UTC-8(-7DT) N37°21.81' W115°11.73'

LAS VEGAS
H-3C, L-9B

3758 NOTAM FILE RNO

RWY 14-32: H4360X60 (ASPH) S-12 HIRL 1.1% up NW

RWY 32: Rgt ttc.

SERVICE: LGT ACTIVATE HIRL Rwy 14-32; twy lgts—CTAF.

AIRPORT REMARKS: Unattended.

AIRPORT MANAGER: (702) 449-2418

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE RNO.

MORMON MESA (L) VORTAC 114.3 MMM Chan 90 N36°46.16' W114°16.65' 293° 56.7 NM to fld. 2106/16E.
HIWAS.

VORTAC unusable:

060°-075° byd 27 NM blo 9,500'

075°-110° byd 32 NM blo 9,600'

110°-135° blo 11,500'

110°-135° byd 15 NM

280°-335° byd 22 NM blo 9,000'

AUSTIN (TMT)(KTMT) 4 SW UTC-8(-7DT) N39°28.08' W117°11.85'

LAS VEGAS
H-3C, L-9B

5735 B NOTAM FILE RNO

RWY 01-19: H6000X75 (ASPH) S-30 MIRL

RWY 01: REIL. Fence.

RWY 19: REIL.

SERVICE: FUEL 100LL LGT ACTIVATE arpt bcn—CTAF. ACTIVATE REIL Rwy 01 and Rwy 19, MIRL Rwy 01-19—CTAF.

AIRPORT REMARKS: Unattended. Military act opr in vicinity of arpt.

AIRPORT MANAGER: (775) 635-2885

WEATHER DATA SOURCES: AWOS-3PT 132.925 (775) 964-1144.

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE RNO.

MINA (H) VORTAC 115.1 MVA Chan 98 N38°33.92' W118°01.97' 019° 66.7 NM to fld. 7860/17E. HIWAS.

VOR/DME & TACAN AZIMUTH unusable:

130°-160° byd 28 NM blo 10,700'

BATTLE MOUNTAIN (BAM)(KBAM) 3 SE UTC-8(-7DT) N40°35.94' W116°52.46'

SALT LAKE CITY
H-3C, L-9B, 11B
IAP

4536 B NOTAM FILE RNO

RWY 03-21: H7300X150 (ASPH) S-30, D-125, 2S-159 MIRL

RWY 03: VASI(V2R)—GA 3.0° TCH 26'.

RWY 21: PAPI(P4L)—GA 3.0° TCH 45'.

RWY 12-30: H7299X150 (ASPH) S-30, D-104, 2S-132 MIRL

SERVICE: S4 FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 03-21 and Rwy 12-30, and perimeter lgts H1—CTAF.

AIRPORT REMARKS: Attended Oct-May 1500-0100Z, Jun-Sep 1500-0200Z. After hrs call 775-635-2245. Wide lateral rwy cracks.

AIRPORT MANAGER: (775) 635-2885

WEATHER DATA SOURCES: AWOS-3 119.45 (775) 635-8419.

COMMUNICATIONS: CTAF/UNICOM 122.8

MT LEWIS RCO 122.65 (RENO RADIO)

SALT LAKE CENTER APP/DEP CON 132.25

AIRSPACE: CLASS E

RADIO AIDS TO NAVIGATION: NOTAM FILE RNO.

(H) VORTACW 112.2 BAM Chan 59 N40°34.14'

W116°55.34' 033° 2.8 NM to fld. 4544/18E.

DME unusable:

246°-255° byd 34 NM blo 14,000'

VOR unusable:

050°-060° byd 30 NM blo 12,000'

115°-165° byd 15 NM blo 12,000'

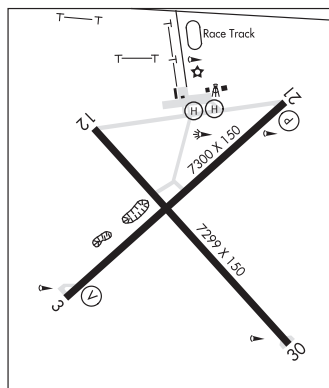
255°-290° byd 15 NM blo 12,000'

TACAN AZIMUTH unusable:

050°-060° byd 30 NM blo 12,000'

115°-165° byd 15 NM blo 12,000'

255°-290° byd 15 NM blo 12,000'



HELIPAD H1: H60X60 (CONC) PERIMETER LGTS

HELIPAD H2: H60X60 (CONC)

HELIPORT REMARKS: Rwy H1 perimeter lgts. ACTIVATE MIRL Rwy 03-21 and Rwy 12-30, and perimeter lgts H1—CTAF.

BEATTY (BTY)(KBTY) 3 SW UTC-8(-7DT) N36°51.67' W116°47.18'
3169 NOTAM FILE RNO

LAS VEGAS
H-4H, L-9B

RWY 16-34: H5615X60 (ASPH) S-15, D-30 MIRL 1.3% up N

SERVICE: LGT ACTIVATE MIRL Rwy 16-34—CTAF.

AIRPORT REMARKS: Unattended. Low flying military aircraft invof arpt.

Terrain rises at constant rate of approximately 35-1 for 2 miles to base of mountain.

AIRPORT MANAGER: (775) 751-6262

COMMUNICATIONS: CTAF 122.9

RCO 114.7T 122.1R (RENO RADIO)

RADIO AIDS TO NAVIGATION: NOTAM FILE RNO.

(H) **VORTAC** 114.7 BTY Chan 94 N36°48.04'
W116°44.86' 317° 4.1 NM to fld. 2928/16E. **HIWAS.**

VORTAC unusable:

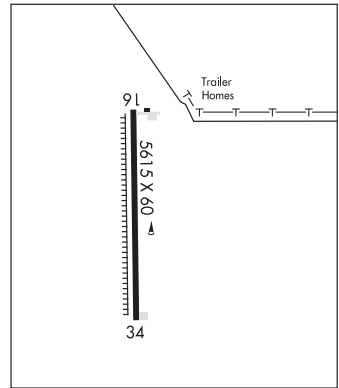
195°-210° byd 33 NM blo 10,500'

265°-305° byd 30 NM blo 10,200'

305°-325° byd 28 NM blo 9,000'

325°-089° byd 9 NM

360°-060° byd 12 NM



BOULDER CITY MUNI (BVU)(KBVU) 1 SW UTC-8(-7DT) N35°56.84' W114°51.68'
2203 B TPA—See Remarks NOTAM FILE RNO

LAS VEGAS
L-7E
IAP, AD

RWY 09-27: H4803X75 (ASPH) S-12.5 MIRL 0.6% up E

RWY 09: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Rgt tfc.

RWY 27: REIL. PAPI(P2L)—GA 3.0° TCH 40'. P-line.

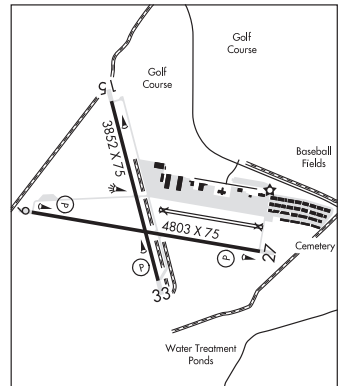
RWY 15-33: H3852X75 (ASPH) S-12.5 MIRL 2.7% up NW

RWY 15: REIL. Ground. Rgt tfc.

RWY 33: REIL. PAPI(P2L)—GA 3.0° TCH 44'.

SERVICE: S4 **FUEL** 100LL, JET A **LG**T ACTIVATE MIRL Rwy 09-27
and Rwy 15-33—CTAF.

AIRPORT REMARKS: Attended 1600-0100Z±. Self service fuel avbl continuously. Ctc arpt ops for rwy condition report, 702-293-9405, or when the arpt is unattended. Parachute Jumping. Skydive drop zone adjacent arpt north side. UAV/UAS and ultralight activity 2 miles southwest of arpt invof dry lake bed. Soft shoulders adjacent to all twys. TPA—2704(500) rotary wing, 3204(1000) lgt non turbine, 3701(1500) turbine and acft over 12,500 lbs. Uphill deps on Rwy 33 not recommended. Rwy 33 steep rwy gradient, rising terrain, obstacles off dep end. Rwy 27 preferred under lgt or no wind conditions. Helicopters cross active rwys and twys. Large number of Grand Canyon tour acft ops in vicinity. Unlighted power lines all quadrants. 1'-5' drainage around all runways and taxiways. Steep rising terrain north of arpt. Avoid overflight of Boulder City residential areas. Opr in southern Nevada—unmanned acft system activity within an area defined as 3 NM radius of bld R-1977 NM, stc-400' AGL.



AIRPORT MANAGER: 702-293-9405

WEATHER DATA SOURCES: AWOS-3 118.475 (702) 293-1532.

COMMUNICATIONS: CTAF/UNICOM 122.7

RADIO AIDS TO NAVIGATION: NOTAM FILE RNO.

(H) **VORTACW** 116.7 BLD Chan 114 N35°59.75' W114°51.81' 163° 2.9 NM to fld. 3642/15E. **HIWAS.**
Unusable:

155°-180° byd 30 NM blo 9,000'

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc LAS Apch at 725-200-4432.

BOULDER CITY N35°59.75' W114°51.81' NOTAM FILE RNO.

LAS VEGAS
H-4I, L-7E

(H) **VORTACW** 116.7 BLD Chan 114 163° 2.9 NM to Boulder City Muni. 3642/15E. **HIWAS.**

Unusable:

155°-180° byd 30 NM blo 9,000'

BULLION N40°45.58' W115°45.68' NOTAM FILE EKO.
(L) **VORW/DME** 114.5 BQU Chan 92 324° 4.1 NM to Elko Rgnl. 6467/17E.

SALT LAKE CITY
L-9B, 11B

VOR unusable:
088°-110° byd 20 NM blo 12,900'
111°-130° byd 32 NM blo 12,900'
DME unusable:
088°-110° byd 20 NM
111°-130° byd 32 NM

CAL NEV ARI

KIDWELL (1L4) 0 S UTC-8(-7DT) N35°18.33' W114°52.97'
2605 NOTAM FILE RNO

PHOENIX

RWY 15-33: 4140X65 (SAND-NONE) LIRL(NSTD)

RWY 15: Fence.

RWY 33: Road.

SERVICE: LGT Rwy 15-33 NSTD LIRL thld lgts 6 green lgts.

AIRPORT REMARKS: Attended continuously. Ultralight activity on and in/ovf arpt. Arpt is residential airpark. Be alert to automobile t/c on Rwy 15-33. +70' twr 350' left of centerline Rwy 15 and adjacent to the thld. Use W twy at your own risk, not maintained by the arpt and has large scattered rocks. Rwy sfc about 5100' in len, with unmarked 500' displacements. Rwy 15-33 is mainly packed sand and some gravel; Rwy edges and ends are frequently soft sand in dry cond; Rwy edges buried with sharp soil edges; varies from 4' to 12'. Brush in the rwy safety area and up to the rwy edges exceeds 5' in height.

AIRPORT MANAGER: (702) 271-2146

COMMUNICATIONS: CTAF 122.9

CALVADA MEADOWS (See PAHRUMP on page 319)

CARSON (CXP)(KCXP) 3 NE UTC-8(-7DT) N39°11.54' W119°43.96'
4705 B TPA-5705(1000) NOTAM FILE CXP

SAN FRANCISCO

RWY 09-27: H6101X75 (ASPH-GRVD) S-30, D-60 MIRL

L-9A

IAP

RWY 09: TDZL. REIL. PAPI(P2L)—GA 4.0° TCH 56'. Hill. Rgt t/c.

RWY 27: TDZL. REIL. PAPI(P2L)—GA 3.0° TCH 41'.

SERVICE: S4 FUEL 100LL, JET A QX 1, 3 LGT ACTIVATE MIRL Rwy 09-27 and REIL Rwy 09 and Rwy 27—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1500-0200Z, Sat-Sun 1600-0100Z. Ultralight activity on and in/ovf arpt. Rwy 27 is primary calm wind rwy. Rwy 09 PAPI unusable byd 2 miles rwy thld, unusable byd 3° left and right centerline, unusable at night. UAS activity within an area defined as 1/2 NM radius of the CXP 068 bearing 2.7 NM from the sfc to 400' AGL. Fee for tiedown only.

AIRPORT MANAGER: 775-841-2255

WEATHER DATA SOURCES: AWOS-3PT 119.925 (775) 884-4708.

COMMUNICATIONS: CTAF/UNICOM 123.0

® NORCAL APP/DEP CON 119.2

CLNC DEL 133.25

RADIO AIDS TO NAVIGATION: NOTAM FILE RNO.

MUSTANG (H) VORTACW 117.9 FMG Chan 126 N39°31.88' W119°39.36' 174° 20.6 NM to fld. 5950/16E.

VORTAC unusable:

200°-230° byd 30 NM blo 13,000'

COALDALE N38°00.20' W117°46.23' NOTAM FILE RNO.

LAS VEGAS

(H) **VORTAC** 117.7 OAL Chan 124 067° 32.6 NM to Tonopah. 4800/17E.

H-3C, L-9A

VORTAC unusable:

150°-180° byd 15 NM blo 15,500'

305°-015° byd 25 NM blo 15,500'

TACAN AZIMUTH unusable:

060°-075° byd 15 NM

VOR unusable:

060°-075° byd 15 NM blo 16,000'

DME unusable:

060°-075° byd 15 NM blo 16,000'

RCO 122.1R 117.7T (RENO RADIO)

CREECH AFB (INS)(KINS) AF 1 N UTC-8(-7DT) N36°35.18' W115°40.64'
AIRSPACE: CLASS D svc 1300Z† Mon-1330Z† Sat. clsd Sat-Sun & holidays. Other times CLASS G.

LAS VEGAS
L-9B

CRESCENT VALLEY (U74) 1 E UTC-8(-7DT) N40°24.96' W116°33.81'

SALT LAKE CITY

4791 NOTAM FILE RNO

RWY 05-23: 5424X60 (DIRT) 0.8% up SW

RWY 05: Road.

RWY 23: Road.

RWY 14-32: 4650X75 (DIRT) 0.6% up NW

RWY 14: Tree.

AIRPORT REMARKS: Unattended. Cattle on and invof rwys. Rwy 05-23 first 1600' of Rwy 23 rough surface. Uncontrolled vehicle access all runways. Rwy 14-32 +2' earth ridges along rwy edges and 3' berm along both sides of rwy. Rwy 05-23 -1' drainage ditch both sides rwy, +2' earth ridges along rwy edges.

AIRPORT MANAGER: (775) 237-5372

COMMUNICATIONS: CTAF 122.9

CURRENT N38°40.25' W115°36.07'
RCD 122.3 (RENO RADIO)

LAS VEGAS
L-9B

CURRENT RANCH (9U7) 1 SW UTC-8(-7DT) N38°44.16' W115°28.82'

LAS VEGAS

5181 NOTAM FILE RNO

RWY 03-21: 5100X80 (TURF-DIRT)

RWY 21: Road.

AIRPORT REMARKS: Unattended. Rwy 03-21 has unlimited vehicle access to acft movement area. Space for tiedown, but no ropes or chains.

COMMUNICATIONS: CTAF 122.9

DAYTON VALLEY AIRPARK (See DAYTON/CARSON CITY on page 299)

DAYTON/CARSON CITY

DAYTON VALLEY AIRPARK (A34) 2 E UTC-8(-7DT) N39°14.31' W119°33.33'

SAN FRANCISCO

4414 NOTAM FILE RNO

H-3C, L-9A

RWY 05-23: H5343X75 (ASPH) S-30, D-70 0.8% up SW

RWY 05: Thld dspcd 991'. Tower. Rgt tfc.

AIRPORT REMARKS: Unattended. For PPR or fld info call (818)-519-7133. PPR for acft over 12,500, banner towing, skydiving, UAV/UAS, or glider ops. Call Jon Linke altn for PPR or arpt conds 575-644-2549. NS ABTMT small acft 3/4 NM South at 5414' MSL, 1000' AGL jets and large acft 13/4 NM South at 6414' MSL, 2000' AGL extd tkfs byd schools and residential areas.

AIRPORT MANAGER: (818) 519-7133

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE RNO.

MUSTANG (H) VORTACW 117.9 FMG Chan 126 N39°31.88' W119°39.36' 149° 18.2 NM to fld. 5950/16E.

VORTAC unusable:

200°-230° byd 30 NM blo 13,000'

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc Norcal Apch at 916-361-0956.

DENIO JUNCTION (E85) 3 SE UTC-8(-7DT) N41°57.24' W118°37.86' **KLAMATH FALLS**
 4202 NOTAM FILE RNO
RWY 13-31: 3430X90 (DIRT)
RWY 31: Trees.
RWY 02-20: 3320X42 (DIRT)
RWY 02: Hill.
RWY 20: P-line.
RWY 07-25: 3100X100 (DIRT-NONE)
RWY 25: P-line.
SERVICE: FUEL MOGAS
AIRPORT REMARKS: Unattended. 2' sage brush and vegetation first 600' of Rwy 07, water ponding and small trenches cross first 1000' of Rwy 07. Rwy 25 and Rwy 31 thlds marked with white tires. Rwys soft during winter and damp conditions, call 775-623-6416 for condition report prior to use.
AIRPORT MANAGER: 775-623-6416
COMMUNICATIONS: CTAF 122.9

DERBY FLD (See LOVELOCK on page 312)

DUCKWATER (Ø1U) 6 SE UTC-8(-7DT) N38°51.20' W115°38.08' **LAS VEGAS**
 5133 NOTAM FILE RNO
RWY 15-33: 3400X80 (DIRT-NONE) 0.7% up NW
RWY 33: Road.
RWY 03-21: 2700X75 (DIRT-NONE) 0.7% up NE
RWY 03: Road.
RWY 21: Road.
AIRPORT REMARKS: Unattended. Rwy 03-21 and Rwy 15-33 soft and overgrown unsuitable for acft use. Watch, for livestock on rwys. Rwy 03-21 and Rwy 15-33 uncontrolled vehicle access. Rwy 03-21 + 1' berm full length north side, - 2' ditch full length south side. Rwy 15 33 + 1' berm both sides of rwy. Rwy 03, 2 stakes N edge of rwy, 135' from rwy end, + 4' high. Rwy 33 P line 1500' from rwy end + 35' both sides of centerline, marked with orange ball, 42:1 slope.
COMMUNICATIONS: CTAF 122.9

DYER (2Q9) 6 SE UTC-8(-7DT) N37°36.58' W118°00.39' **SAN FRANCISCO**
 4899 NOTAM FILE RNO
RWY 12-30: 2870X50 (DIRT)
RWY 12: Pole.
RWY 30: Trees.
SERVICE: S4
AIRPORT REMARKS: Unattended. Emerg fuel only call 775-572-3059. Rwy 12 p-line marked with orange balls. Rwy 12-30 + 3' berms both sides of rwy. Rwy 12-30 thld marked by white tires. NW end Rwy 12-30 width varies due to weeds. Apch Rwy 12 has weeds to 5 inches.
AIRPORT MANAGER: 775-572-3059
COMMUNICATIONS: CTAF 122.9

ECHO BAY (See OVERTON on page 318)

ELKO RGNL (EKO)(KEKO) 1 W UTC-8(-7DT) N40°49.50' W115°47.48'

5140 B TPA—See Remarks Class I, ARFF Index A NOTAM FILE EKO

RWY 06-24: H7454X150 (ASPH-GRVD) S-78, D-105, 2S-133, 2D-170

PCN 63 F/B/X/T MIRL 0.3% up NE

RWY 06: PAPI(P4L)—GA 3.0° TCH 44'. Road. Rgt tfc.

RWY 24: MALSR. PAPI(P4L)—GA 3.25° TCH 51'. Thld dsplcd 1036'. Pole.

RWY 12-30: H3015X60 (ASPH) S-12 PCN 4 F/B/Y/T 2.0% up NW

RWY 12: Thld dsplcd 906'. Pole. Rgt tfc.

RWY 30: Thld dsplcd 143'. Pole.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 06: TORA-7217 TODA-7217 ASDA-7217 LDA-7217

RWY 12: TORA-3012 TODA-3012 ASDA-3012 LDA-2106

RWY 24: TORA-7457 TODA-7457 ASDA-7457 LDA-6419

RWY 30: TORA-3012 TODA-3012 ASDA-3012 LDA-2871

SERVICE: S4 FUEL 100LL, JET A **OX** 1, 2 **LGT** ACTIVATE MALSR Rwy 24, MIRL Rwy 06-24—CTAF. PAPI Rwy 06 and Rwy 24 opr continuously. PAPI Rwy 24 does not provide obstruction clearance byd 6.5 NM from thld.

AIRPORT REMARKS: Attended 1300-0300Z±. Sfc conditions not monitored 0530-1130Z±. Fuel 100LL, A avbl 24/7. Tkf only on Rwy 12. Land only on Rwy 30. Touch and go Rwy 30 only. Rwy 24 designated calm wind rwy. Steep slope/gradient Rwy 30 upward. PPR for all acft operations over 100,000 pounds call 775-777-7190. TPA-6140(1000), jet acft 6640(1500). Cold temperature rstd arpt. Alt correction required at or blo -20C.

AIRPORT MANAGER: 775-777-7194

WEATHER DATA SOURCES: AWOS-3PT 119.275 (775) 778-9639.

COMMUNICATIONS: CTAF/UNICOM 123.0

RCO 122.6 (RENO RADIO)

® **SALT LAKE CENTER APP/DEP CON** 132.25

RADIO AIDS TO NAVIGATION: NOTAM FILE EKO.

BULLION (L) VOR/DME 114.5 BQU Chan 92 N40°45.58' W115°45.68' 324° 4.1 NM to fld. 6467/17E.

VOR unusable:

088°-110° byd 20 NM blo 12,900'

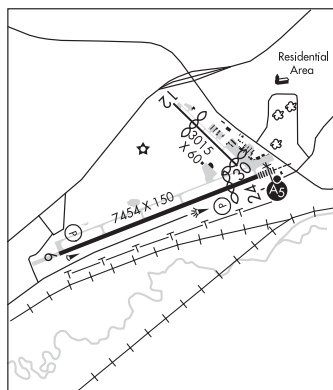
111°-130° byd 32 NM blo 12,900'

DME unusable:

088°-110° byd 20 NM

111°-130° byd 32 NM

LDA/DME 108.5 I-EKO Chan 22 Rwy 24. LDA offset angle 5° 58 min. DME unusable byd 13 NM blw 9,000'.



ELY ARPT (YELLAND FLD) (ELY)(KELY) 3 NE UTC-8(-7DT) N39°17.98' W114°50.51'
6259 B NOTAM FILE ELY

LAS VEGAS
H-3D, L-9B
IAP, AD

RWY 18-36: H6018X150 (ASPH-GRVD) S-70, D-85, 2D-130

MIRL 0.6% up S

RWY 18: REIL. PAPI(P4L)—GA 3.0° TCH 50'.

RWY 36: REIL. PAPI(P4L)—GA 3.0° TCH 50'.

RWY 12-30: H4825X60 (ASPH) S-15 MIRL 0.4% up SE

RWY 12: PAPI(P4R)—GA 3.0° TCH 40'.

RWY 30: Pole.

SERVICE: FUEL 100LL, JET A OX3 LGT ACTIVATE MIRL Rwy 12-30 and Rwy 18-36, PAPI Rwy 12, Rwy 18 and Rwy 36, REIL Rwy 18 and Rwy 36—CTAF.

AIRPORT REMARKS: Attended 1600-0100Z±. Soft shoulders adjacent all rws and taxiways. Rwy 12-30 pavement cracking in excess of 3" and frost heaving blo freezing conditions. Rwy 18-36 pavement heaving in blo freezing conditions on rwy centerline. Pavement cracking in excess of 3". Twy A failed pavement lateral and longitudinal cracks exceeding 6", partially clsd by NOTAM but not marked or blocked barricaded. Fuel avbl after hrs. Glider ops on invof arpt May-Sep. Ultralight acft operating on and invof arpt dalgt hours. Cold temperature rstd arpt. Altitude correction required at or blo -31C.

AIRPORT MANAGER: (775) 289-2165

WEATHER DATA SOURCES: ASOS 120.625 (775) 289-4466.

COMMUNICATIONS: CTAF/UNICOM 122.8

RCO 122.2 (RENO RADIO)

® SALT LAKE CENTER APP/DEP CON 133.45

RADIO AIDS TO NAVIGATION: NOTAM FILE ELY.

(H) VOR/DME 110.6 ELY Chan 43 N39°17.89' W114°50.90' at fld. 6248/14E.

VOR unusable:

008°-142° byd 10 NM blo 17,500'

008°-142° byd 20 NM

142°-163° byd 20 NM blo 11,500'

163°-293° byd 16 NM

293°-343° blo 13,000'

293°-343° byd 22 NM blo 14,000'

293°-343° byd 26 NM

343°-008° byd 21 NM blo 12,000'

DME unusable:

008°-142° byd 10 NM blo 17,500'

008°-142° byd 20 NM

142°-163° byd 20 NM blo 11,500'

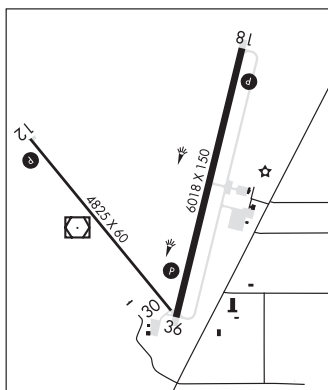
163°-293° byd 16 NM

293°-343° blo 13,000'

293°-343° byd 22 NM blo 14,000'

293°-343° byd 26 NM

343°-008° byd 21 NM blo 12,000'



EUREKA (Ø5U) 6 NW UTC-8(-7DT) N39°36.23' W116°00.22'
5958 B NOTAM FILE RNO

RWY 18-36: H7300X60 (ASPH-AFSC) S-30 HIRL 0.3% up S

RWY 18: REIL. PAPI(P2L)—GA 3.0° TCH 45'.

RWY 36: REIL. PAPI(P2L)—GA 3.0° TCH 40'. P-line.

SERVICE: S4 **FUEL** 100LL, JET A **LGT** HIRL Rwy 18-36 preset low ints dusk-dawn, to increase ints ACTIVATE—CTAF.

AIRPORT REMARKS: Attended 1600-0100Z†. After hrs call out 775-237-6100. Cold temperature rstd arpt. Altitude correction required at or blo -24C.

AIRPORT MANAGER: 775-237-6100

WEATHER DATA SOURCES: AWOS-3 128.325 (775) 237-6133.

COMMUNICATIONS: CTAF 122.9

RCO 122.3 (RENO RADIO)

SALT LAKE CENTER APP/DEP CON 132.25

RADIO AIDS TO NAVIGATION: NOTAM FILE EKO.

BULLION (L) VOR/DME 114.5 BQU Chan 92 N40°45.58'

W115°45.68' 172° 70.2 NM to fld. 6467/17E.

VOR unusable:

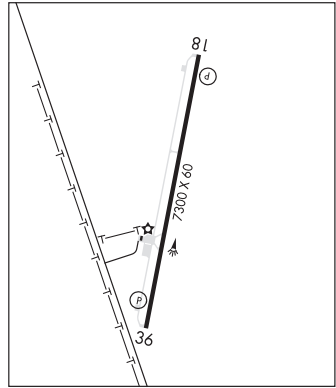
088°-110° byd 20 NM blo 12,900'

111°-130° byd 32 NM blo 12,900'

DME unusable:

088°-110° byd 20 NM

111°-130° byd 32 NM



LAS VEGAS
H-3C, L-9B
IAP

FALLON MUNI (FLX)(KFLX) 2 NE UTC-8(-7DT) N39°29.95' W118°44.93'
3966 B TPA-4766(800) NOTAM FILE RNO

RWY 03-21: H5703X75 (ASPH) S-17 MIRL

RWY 03: PAPI(P2L)—GA 3.0° TCH 40'. Thld dspcd 100'. Road.

RWY 21: PAPI(P2L)—GA 3.0° TCH 40'. Trees.

RWY 13-31: 4207X100 (DIRT)

RWY 13: Trees.

RWY 31: Road.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 03: TORA-5703 TODA-5703

RWY 21: TORA-5703 TODA-5703

SERVICE: S4 **FUEL** 100, JET A **OX** 4

AIRPORT REMARKS: Attended 1600-0100Z†. Ultralight activity invof arpt. Arpt opr 775-423-3756 or 775-426-9996.

AIRPORT MANAGER: 775-423-5107

WEATHER DATA SOURCES: AWOS-AV 118.25 (775) 423-2201.

COMMUNICATIONS: CTAF/UNICOM 122.8

HAZEN RCO 122.1R 114.1T (RENO RADIO)

Ⓡ **NAVY FALLON APP/DEP CON** 120.85 (1515-0645Z† Mon-Fri, 1800-0200Z† Sat, 2000-0200Z† Sun, clsd holidays, other times by

NOTAM). Other times ctc

Ⓡ **OAKLAND CENTER APP/DEP CON** 128.8

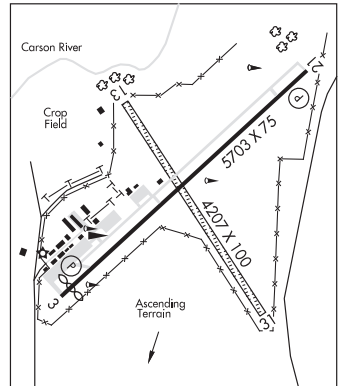
RADIO AIDS TO NAVIGATION: NOTAM FILE RNO.

HAZEN (L) VORTAC 114.1 HZN Chan 88 N39°30.98' W118°59.86' 078° 11.6 NM to fld. 4085/17E.

VOR portion unusable:

300°-320° byd 30 NM blo 9,500'

SAN FRANCISCO
H-3B, L-9A
IAP



FALLON NAS (VAN VOORHIS FLD) (NFL)(KNFL) NAS 3 NE UTC-8(-7DT) N39°25.07' W118°41.92' **SAN FRANCISCO**
H-3C, L-9A
DIAP, AD

3935 B TPA—See Remarks NOTAM FILE NFL Not insp.

RWY 13R-31L: H14004X200 (ASPH) PCN 45 R/C/W/T HIRL
RWY 13R: PAPI(P4L)—GA 3.0° TCH 46'.
RWY 31L: PAPI(P4L)—GA 3.5° TCH 56'.

RWY 13L-31R: H11078X200 (CONC) PCN 70 R/C/W/T HIRL
RWY 13L: PAPI(P4R)—GA 3.0° TCH 50'.
RWY 31R: PAPI(P4L)—GA 3.5° TCH 59'.

RWY 07-25: H7003X152 (ASPH) PCN 44 R/D/W/T HIRL
ARRESTING GEAR/SYSTEM
RWY 13R HOOK E28(B) (1804 FT). HOOK E28(B) (1893 FT). **RWY 31L**
RWY 13L HOOK E28(B) (952 FT). HOOK E28(B) (951 FT). **RWY 31R**
RWY 07 HOOK E28(B) (1300 FT). HOOK E28(B) (1290 FT). **RWY 25**

SERVICE: **OX** 1, 2 **LGT** PAPI Rwy 13R unusable byd 5° each side of centerline. PAPI Rwy 31L unusable byd 5° each side of centerline. **MILITARY—A-GEAR** E-28(B) apch end on parallel rwys normal derigged, Sat 1800-0200Z†, Sun 2000-0200Z†. **JASU** 1(GTC-85) 1(NCNP-105) 2(NC-8A) **FUEL** 4 hr PN rqr for acft req hot refuel, DSN 890-2508/9 C775-426-2508/9. A++ **FLUID SP LOX TRAN ALERT** No tran maint/hgr space or de-ice avbl.

MILITARY REMARKS: Opr Mon-Fri 1530-0700Z†, Sat 1800-0200Z†, Sun 2000-0200Z†, clsd hol, OT by NOTAM. See FLIP AP/1 Supplementary Arprt Remark. **RSTD** PPR 24 hr in advance for tran svc exc MEDEVAC, Search and Rescue, deployed squadrons/CVW or scheduled logistics fit. PPR valid only 4 hr byd estimated time of arr unless rescheduled, DSN 890-3415/3479, C775-426-3415/3479. **CAUTION** Radar Dome 1.1 NM SW of ctl twr 126' AGL. Twy C, South apron to AER 25 varies in width tapering to 50' wide East of Rwy 13R-31L. Twy D, South apron to AER 07 50' wide. Exty bird activity within aprxy 15 NM of arpt from sfc to aprx 3000' AGL. General aviation acft opr from Fallon Muni arpt 5 NM NNW. Extremely heavy mil training opr all times. **TFC PAT** All acft activate ldg/taxi lgt while on apch. Reduced rwy separation std in effect for USN/USMC acft. TPA—Initial all rwys 7600(3666), overhead break 5500(1566) no overhead for Rwy 07 pattern altitude 5000(1566). **NS ABTMT** When dep Rwy 31L/R VFR turn rgt, heading 040°, over dep end. Deselect afterburner at EOR and climb as quickly as possible. **MISC** Schedule of FRTC airspace outside of published afid hrs will be allowed only after apvl has been granted by the NAS Fallon Ops Officer to extd/modify published afid hrs. Base OPS DSN 890-2419/2458, C775-426-2419/2458.

AIRPORT MANAGER: 775-426-2419

COMMUNICATIONS: **SFA** **ATIS** 370.925 (Mon-Fri 1515-0645Z†, Sat 1800-0200Z†, Sun 2000-0200Z†, clsd hol, OT by NOTAM)

® **NAVY FALLON APP/DEP CON** 120.85 360.2 (Mon-Fri 1515-0645Z†, Sat 1800-0200Z†, Sun 2000-0200Z†, clsd hol) OT ctc

® **OAKLAND CENTER APP/DEP CON** 128.8 285.5

NAVY FALLON TOWER 119.25 340.2 (Mon-Fri 1530-0700Z, Sat 1800-0200Z†, Sun 2000-0200Z†, clsd hol, OT by NOTAM) **GND CON** 251.15 **CLNC DEL** 353.55

PMSV METRO 327.4 **BASE OPS** 238.0 **DESERT CON** 126.2 322.35 (Acft tran, using Fallon Range check in and out-call Desert Ctl)

AIRSPACE: **CLASS D** svc 1530-0700Z† Mon-Fri, 1800-0200Z† Sat, 2000-0200Z† Sun, closed holidays, ot by NOTAM other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE RNO.

HAZEN (L) VORTAC 114.1 HZN Chan 88 N39°30.98' W118°59.86' 096° 15.1 NM to fld. 4085/17E.
VOR portion unusable:
300°-320° byd 30 NM blo 9,500'

(H) **TACAN** Chan 82 NFL (113.5) N39°25.01' W118°42.30' at fld. 3929/14E. NOTAM FILE NFL.

ASR/PAR

COMM/NAV/WEATHER REMARKS: Radar see Terminal FLIP for Radar Minima.

FERNLEY**TIGER FLD** (N58) 3 S UTC-8(-7DT) N39°33.59' W119°14.56'

SAN FRANCISCO

4346 B NOTAM FILE RNO

L-9A

RWY 15-33: H3974X40 (ASPH)**RWY 15:** Rgt tfc.**RWY 33:** Hill.**RWY 05-23:** 2750X30 (GRVL-DIRT-NONE)**RWY 05:** Road.**RWY 23:** Hill.**AIRPORT REMARKS:** Unattended. Rwy 15-33 2-4' ditches in the primary sfc and rwy safety area, parallel to rwy, 10' from rwy edges in several locations. Rwy 05-23 call for rwy cond during or following wet weather. Arpt frequently clsd for model acct flying. Takeoff Rwy 05 due to downhill slope. Land Rwy 23 due to uphill slope. Helicopter training rstd to using paved rwy ends. Limit hover practice and taxi near ramp areas for dust control.**AIRPORT MANAGER:** (775) 240-3481**COMMUNICATIONS:** CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE RNO.**HAZEN (L) VORTAC** 114.1 HZN Chan 88 N39°30.98' W118°59.86' 266° 11.7 NM to fld. 4085/17E.

VOR portion unusable:

300°-320° byd 30 NM blo 9,500'

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc Norcal Apch at 916-361-0596.**GABBS** (GAB)(KGAB) 4 NW UTC-8(-7DT) N38°55.45' W117°57.54'

LAS VEGAS

4700 NOTAM FILE RNO

RWY 09-27: 5900X65 (DIRT)**RWY 16-34:** 2800X65 (DIRT)**AIRPORT REMARKS:** Unattended. Rwy 09-27 and Rwy 16-34 no line of sight between rwys. Recommend land Rwy 09, tkf

Rwy 27 wind permitting. Arpt bcn OTS indef.

AIRPORT MANAGER: (775) 751-6262**COMMUNICATIONS:** CTAF 122.9**GOLDFIELD****LIDA JUNCTION** (ØL4) 14 S UTC-8(-7DT) N37°29.51' W117°11.31'

LAS VEGAS

4684 NOTAM FILE RNO

RWY 18-36: 6100X80 (DIRT-NONE) 0.9% up N**RWY 18:** Tree.**AIRPORT REMARKS:** Unattended. Rwy 18-36 has uncontrolled vehicle access. +30' pole 408' from thld Rwy 18 on centerline extended. Rwy 18-36 ends and edges marked with tires.**AIRPORT MANAGER:** (775) 485-3406**COMMUNICATIONS:** CTAF 122.9**GOODSPRINGS** N35°53.66' W115°29.77' NOTAM FILE RNO.

LAS VEGAS

(H) DME 112.05 GOG Chan 57(Y) 056° 20.1 NM to Mc Carran Intl. 6202/OW.

DME unusable:

255t-295t byd 10 NM blo 14,000'

320t-020t byd 10 NM blo 17,000'

320t-020t byd 20 nm. conversion to magnetic uses magvar 15e

HAWTHORNE INDUSTRIAL (HTH)(KHTH) 1 N UTC-8(-7DT) N38°32.70' W118°37.94'

SAN FRANCISCO

4230 B NOTAM FILE HTH

H-3C, L-9A

RWY 10-28: H6000X100 (ASPH) S-53, D-93, 2D-160 MIRL

IAP

0.8% up E

RWY 10: REIL.

RWY 28: REIL. PAPI(P2L)—GA 3.0° TCH 49'.

RWY 15-33: 3250X130 (DIRT) 1.4% up SE

RWY 15: Railroad.

SERVICE: FUEL 100LL, JET A LGT ACTIVATE REIL Rwy 10 and Rwy 28; MIRL Rwy 10-28—CTAF. PAPI Rwy 28 opr continuously. Rwy 28 PAPI unusbl byd 7° rgt of cntrln and byd 6.0 NM from thld.

AIRPORT REMARKS: Unattended. Wildlife act on and near arpt. Occasional UAV/UAS act on and near arpt by NOTAM. Rwy 33 starts at north edge Rwy 10-28. Volunteer arpt attendant 775-945-9286.

AIRPORT MANAGER: (775) 312-0243**WEATHER DATA SOURCES:** AWOS-3 120.225 (775) 945-0727.**COMMUNICATIONS:** CTAF/UNICOM 122.8

HAZEN RCO 122.1R 114.1T (RENO RADIO)

Ⓡ OAKLAND CENTER APP/DEP CON 125.75

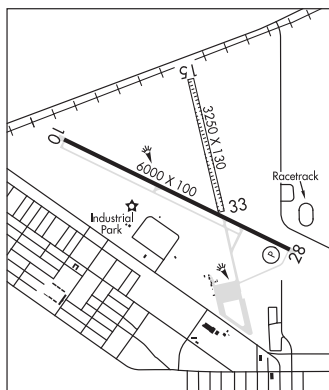
RADIO AIDS TO NAVIGATION: NOTAM FILE RNO.

MINA (H) VORTAC 115.1 MVA Chan 98 N38°33.92'

W118°01.97' 251° 28.2 NM to fld. 7860/17E. HIWAS.

VOR/DME & TACAN AZIMUTH unusable:

130°-160° byd 28 NM blo 10,700'

**HAZEN** N39°30.98' W118°59.86' NOTAM FILE RNO.

SAN FRANCISCO

(L) VORTAC 114.1 HZN Chan 88 078° 11.6 NM to Fallon Muni. 4085/17E.

H-3C, L-9A

VOR portion unusable:

300°-320° byd 30 NM blo 9,500'

RCO 122.1R 114.1T (RENO RADIO)

HENDERSON EXECUTIVE (See LAS VEGAS on page 308)**JACKPOT/HAYDEN FLD** (Ø6U) 0 E UTC-7(-6DT) N41°58.55' W114°39.48'

SALT LAKE CITY

5224 B NOTAM FILE RNO

H-3D, L-11C

RWY 15-33: H6183X60 (ASPH) S-12.5 MIRL 0.8% up NW

RWY 15: PAPI(P2L)—GA 4.0° TCH 40'. Trees.

RWY 33: PAPI(P2L)—GA 3.5° TCH 40'. Hill.

SERVICE: LGT Bcn visibility limited from west. ACTIVATE PAPI Rwy 15, MIRL Rwy 15-33—CTAF.**AIRPORT REMARKS:** Attended on call. Fuel not avbl. Bird hazard east of arpt at ponds. Emergency contact 208-731-2447.**AIRPORT MANAGER:** 775-755-2447**WEATHER DATA SOURCES:** AWOS-AV 120.000 (775) 755-2297.**COMMUNICATIONS:** CTAF/UNICOM 122.8

RCO 122.5 (RENO RADIO)

RADIO AIDS TO NAVIGATION: NOTAM FILE TWF.

TWIN FALLS (L) VORTACW 115.8 TWF Chan 105 N42°28.79' W114°29.37' 176° 31.1 NM to fld. 4140/18E.

VOR portion unusable:

115°-160° byd 30 NM blo 11,000'

115°-160° byd 33 NM blo 12,000'

TACAN AZIMUTH & DME unusable:

105°-160° byd 20 NM blo 15,000'

STRIK NDB (LOMW) 389 TWF N42°28.72' W114°21.26' 191° 33.1 NM to fld. 4065/13E.

JEAN (ØL7) 1 S UTC-8(-7DT) N35°46.10' W115°19.78'

LAS VEGAS

2835 B TPA-3635(800) NOTAM FILE RNO

L-7E

RWY 02L-20R: H4600X75 (ASPH) S-12.5 MIRL 0.4% up N**RWY 02L:** Pole.**RWY 20R:** Road. Rgt tfc.**RWY 02R-20L:** H3700X60 (ASPH) S-12.5 0.4% up N**RWY 02R:** Rgt tfc.**RWY 20L:** Pole.**SERVICE:** FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 02L-20R-CTAF.**AIRPORT REMARKS:** Unattended. Self-svc fuel 24 hrs. Parachute Jumping. Skydiving drop zone 4 miles south. Ultralight activity on arpt. Aerobatic activities 2 miles W. Power acft use tfc pat West of rwy; make entry from West. Power acft parking W side of fld. Glider parking E side of fld. NOTE: See Special Notice—Aerobatic Practice Area Jean Airport, Jean, NV.**AIRPORT MANAGER:** 702-261-4802**COMMUNICATIONS:** CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE LAS.**LAS VEGAS (H) VORTACW** 116.9 LAS Chan 116 N36°04.78' W115°09.59' 189° 20.4 NM to fld. 2136/15E.

No NOTAM MP: 1600-1800Z± Sat

VORTAC unusable:

025°-160° byd 20 NM blo 6,000'

160°-200° byd 20 NM blo 9,000'

200°-025° byd 25 NM blo 11,000'

200°-220° byd 15 NM blo 9,000'

220°-245° byd 35 NM blo 15,000'

245°-260° byd 35 NM blo 14,000'

260°-275° byd 35 NM blo 14,000'

275°-310° byd 35 NM blo 16,500'

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc LAS Apch at 725-200-4432.

KIDWELL (See CAL NEV ARI on page 298)

KINGSTON (N15) 2 E UTC-8(-7DT) N39°12.16' W117°04.14'

LAS VEGAS

6075 NOTAM FILE RNO

RWY 07-25: 3700X80 (GRVL-DIRT) 3.1% up W**RWY 16-34:** 3072X60 (GRVL-DIRT)**RWY 16:** P-line.**RWY 34:** P-line. Rgt tfc.**AIRPORT REMARKS:** Unattended. Rwy 07-25 edge and thld marked by white tires. Rwy 16 thld marked by white tires. Rwy 16-34 rwy shoulder and safety area eroded southeast of Rwy 16 thld. Apch from and dep to East if feasible.**AIRPORT MANAGER:** 530-265-5565**COMMUNICATIONS:** CTAF 122.9•
HELIPAD H1: H30X30 (CONC) RWY LGTS(NSTD)**HELIPAD H1:** Hngr.**HELIPORT REMARKS:** Helipad for priority EMS oprs lctd on arpt. Helipad parking on helipad preferred for dust control. Helipad tkof marked by amber reflectors.

LAS VEGAS

HENDERSON EXECUTIVE (HND)(KHND) 11 S UTC-8(-7DT) N35°58.37' W115°08.07'

LAS VEGAS

2492 B TPA-3492(1000) NOTAM FILE HND

H-4I, L-7E

RWY 17R-35L: H6501X100 (ASPH) S-30, D-60 MIRL 1.4% up S

IAP, AD

RWY 17R: REIL. PAPI(P4L)—GA 3.0° TCH 40'.

RWY 35L: REIL. PAPI(P4L)—GA 4.3° TCH 52'. Road.

RWY 17L-35R: H5001X75 (ASPH) S-30, D-30 MIRL 1.4% up S

RWY 17L: REIL. PAPI(P4L)—GA 3.0° TCH 40'.

RWY 35R: REIL. PAPI(P4L)—GA 4.3° TCH 52'.

SERVICE: FUEL 100LL, JET A OX 1, 2 LGT PAPI Rwy 35R does not provide obstacle clearance byd 3.5 NM from thld, unusable byd 3.5 NM. PAPI Rwy 35L does not provide obstacle clearance byd 3.3 NM from thld, unusable byd 3.3 NM. ACTIVATE MIRL Rwy 17R-35L and Rwy 17L-35R, PAPI Rwy 17R and Rwy 35L, PAPI Rwy 17L and Rwy 35R, REIL Rwy 17R and 35L, REIL Rwy 17L and 35R and twy—CTAF.

AIRPORT REMARKS: Attended 1300-0600Z†. Self-svc fuel 100LL 24 hrs. Extv coml air tour tfc arr from southeast at different times dur dalgt hrs. Acft dep Rwy 17R or Rwy 35L should verify that they are taking off from the rwy and not the parallel twy. Rwy 17L-35R open daily 0300-1500Z†.

AIRPORT MANAGER: 702-261-4802

WEATHER DATA SOURCES: AWOS-3PT 120.775 (702) 614-4537. Wx sensor type: includes type z - freezing rain sensor Services: metar, speci

COMMUNICATIONS: CTAF 125.1 ATIS 120.775 UNICOM 122.95

MOUNT POTOSI RCO 122.35 (RENO RADIO)

Ⓡ LAS VEGAS APP/DEP CON 118.4

TOWER 125.1 () GND CON 127.8

AIRSPACE: CLASS D svc 1400-0400Z† other times CLASS G.

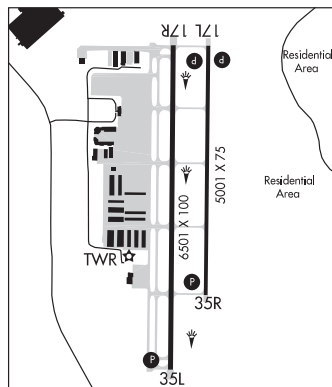
RADIO AIDS TO NAVIGATION: NOTAM FILE RNO.

BOULDER CITY (H) VORTACW 116.7 BLD Chan 114 N35°59.75' W114°51.81' 249° 13.3 NM to fld. 3642/15E. HIWAS.

Unusable:

155°-180° byd 30 NM blo 9,000'

COMM/NAV/WEATHER REMARKS: For Clnc Del when ATCT is clsd ctc LAS Apch at 725-200-4432.



MC CARRAN INTL (LAS)(KLAS) 5 S UTC-8(-7DT) N36°04.80' W115°09.14'

2181 B LRA Class I, ARFF Index E NOTAM FILE LAS

RWY 08L-26R: H14512X150 (CONC-GRVD) S-120, D-250, 2D-504,
2D/2D2-1014 PCN 77 R/B/W/T HIRL

RWY 08L: PAPI(P4L)—GA 3.0° TCH 76'. Thld dsplcd 2138'. Hangar.

RWY 26R: MALS. PAPI(P4L)—GA 3.0° TCH 84'. Thld dsplcd 1396'.

RWY 08R-26L: H10525X150 (CONC-GRVD) S-120, D-250, 2D-633,
2D/2D2-1120 PCN 100R/B/W/T HIRL

RWY 08R: REIL. PAPI(P4L)—GA 3.0° TCH 61'. Pole.

RWY 26L: MALS. PAPI(P4L)—GA 3.0° TCH 84'.

RWY 01R-19L: H9771X150 (CONC-GRVD) S-120, D-250, 2S-175,
2D-550, 2D/2D2-1120 PCN 100R/B/W/T MIRL

RWY 01R: REIL. PAPI(P4L)—GA 3.0° TCH 76'. Thld dsplcd 491'.

Railroad. Rgt tfc. 1.1% down.

RWY 19L: REIL. PAPI(P4L)—GA 3.0° TCH 75'. Thld dsplcd 878'.

Pole. 0.9% up.

RWY 01L-19R: H8988X150 (CONC-GRVD) S-120, D-250, 2S-175,
2D-550, 2D/2D2-1120 PCN 100R/B/W/T HIRL

RWY 01L: MALS. PAPI(P4L)—GA 3.4° TCH 57'. Thld dsplcd 587'.

Railroad. 1.1% down.

RWY 19R: REIL. PAPI(P4L)—GA 3.0° TCH 80'. Fence. Rgt tfc.

1.0% up.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 01L:TORA-8988 TODA-8988 ASDA-8988 LDA-8401

RWY 01R:TORA-9771 TODA-10168 ASDA-9437 LDA-8677

RWY 08L:TORA-14512 TODA-15101 ASDA-14101 LDA-11968

RWY 08R:TORA-10525 TODA-10525 ASDA-10525 LDA-10525

RWY 19L:TORA-9771 TODA-10171 ASDA-9681 LDA-8741

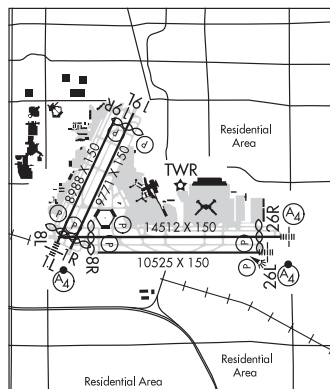
RWY 19R:TORA-8988 TODA-9400 ASDA-8400 LDA-8400

RWY 26L:TORA-10525 TODA-10525 ASDA-10525 LDA-10525

RWY 26R:TORA-14512 TODA-15157 ASDA-14157 LDA-12757

SERVICE: S4 FUEL 100, 100LL, JET A1+ OX 1, 2, 3

AIRPORT REMARKS: Attended continuously. Large number of birds and bats invof arpt btn SS and SR. Lgtd golf range 1400' S of Rwy 01L-19R and Rwy 01R-19L. Extv glider/soaring ops wkends and hol, SR-SS, LAS R187/020, alts up to but not including FL180. Gliders remain clear of the TCA but otherwise opr within the entire SW quadrant of the TCA Veil. Acft may experience reflection of sun from glass hotels lctd NW of arpt. Reflection may occur at various alts, hdgs and distances from arpt. Numerous helicopter ops on west side of arpt. Acft using full length dep on Rwy 08L use minimal power til passing the pwr-up point on rwy. Pwr-up point is 348' east of blast pad and marked with sign and std markings for beginning of rwy. Turbojet deps not permitted on Rwy 01R-19L or Rwy 01L-19R 0400-1600Z±. Exception for wx or opr necessity. All non-std rwy ops PPR from Dept of Avn. ASDE-X in use. Operate transponders with altitude reporting mode and ADS-B (if equipped) enabled on all airport surfaces. Acft taxiing westbound on Twy B near Twy E use caution not to enter the rwy on Twy Y, acft taxiing westbound on Twy W near Twy E use care not to enter the rwy on Twy U. Acft larger than B757 PPR from Dept of AVN to use Twy H. Ops at all terminal gates and cargo ramp ctdld by Department of Aviation 1330-0900Z±. All acft ctc ramp ctl on freq 124.4 for ops at A, B, and C gates, ctc ramp ctl on freq 127.9 for ops at D and E gates and cargo ramp prior to entering ramp or pushing back from gate or parking spot. From 0900-1330Z± ctc Gnd Con on freq 121.1 for ops at all gates and cargo ramp. Acft opr near the int of Twys S, D, G and the N end of Twy Z should be alert as there are closely aligned twy cntrlns and radius turns. Acft that dep full length of Rwy 01L and Rwy 08L must hold at the same hold line, as there is no room to hold btn the rwy ends and such acft should verify that they are on the correct rwy. Acft dep Rwy 19R use minimal power passing the rwy thld. Rwy 19R thld has std rwy markings and is 780' S of the blast pad. Ldg Rights Arpt: (LRA), Ldg rights arpt. Customs avbl to general aviation acft Mon, Tue, Wed, Fri 1600-0700Z±, Thu 1600-2000Z± and 0100-0700Z±, Sat 1800-0700Z±, Sun 1800-2000Z± and 0100-0700Z±. General aviation CBP reservations are required to be submitted a minimum of 12 hrs in advance (other conditions apply). Reservations must be made online at www.mccarran.com/gacbp. Questions can be directed to CBP559@mccarran.com. General aviation acft using the west side customs facility must ctc ramp ctl 124.4. General aviation parking very ltd. For parking availability ctc either FBO 702-736-1830 or 702-739-1100. Rwy status lgts are in ops. Tiedown fee. General aviation customs and immigration lctd west side of fld btn FBO's. Flight Notification Service (ADUCS) avbl. NOTE: See Special Notices—Intersection Departures During Period of Darkness, Grand Canyon Special Flight Rules Area.



LAS VEGAS

H-41, L-7E

IAP AD

CONTINUED ON NEXT PAGE

CONTINUED FROM PRECEDING PAGE

AIRPORT MANAGER: 702-261-5211

WEATHER DATA SOURCES: ASOS (702) 736-1416 TDWR.

COMMUNICATIONS: D-ATIS 132.4 702-736-0950 UNICOM 122.95

Ⓡ LAS VEGAS APP CON 125.025 (West) 125.6 (East)

Ⓡ LAS VEGAS DEP CON 125.9 133.95

LAS VEGAS TOWER 119.9 (Rwy 08L-26R and Rwy 08R-26L) 118.75 (Rwy 01L-19R and Rwy 01R-19L)

GND CON 121.9 (West of Rwy 01R-19L) 121.1 (East of Rwy 01R-19L) **RAMP CON** 124.4 (Terminal A, B, C) 127.9 (D, Gates and Cargo Ramp) 129.175 (A, B, C Gates) **CLNC DEL** 118.0

CPDLC (LOGON KUSA)

AIRSPACE: CLASS B See VFR Terminal Area Chart

RADIO AIDS TO NAVIGATION: NOTAM FILE LAS.

LAS VEGAS (H) VORTACW 116.9 LAS Chan 116 N36°04.78' W115°09.59' at fld. 2136/15E.

No NOTAM MP: 1600-1800Z‡ Sat

VORTAC unusable:

025°-160° byd 20 NM blo 6,000'

160°-200° byd 20 NM blo 9,000'

200°-025° byd 25 NM blo 11,000'

200°-220° byd 15 NM blo 9,000'

220°-245° byd 35 NM blo 15,000'

245°-260° byd 35 NM blo 14,000'

260°-275° byd 35 NM blo 14,000'

275°-310° byd 35 NM blo 16,500'

ILS/DME 110.1 I-CUA Chan 38 Rwy 01L. Class IB. LOC unusable byd 30° left of course, wi .2 NM from thld.

ILS/DME 111.5 I-RLE Chan 52 Rwy 26L. Class IE. LOC unusable byd 19° south of course.

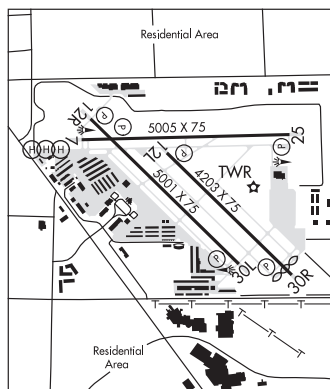
ILS/DME 110.3 I-LAS Chan 40 Rwy 26R. Class IE.

COMM/NAV/WEATHER REMARKS: Ops at all terminal gates and cargo ramp controlled by Dept of Aviation 1330-0900Z‡. All acft ctc Ramp Con on freq 124.4 for ops at A, B, C Gates and Charter Intl Gates; ctc Ramp Con 127.9 for ops at D Gates and cargo ramp prior to entering ramp or pushing back from gate or parking spot. From 0900-1330Z‡ ctc Gnd Con on freq 121.1 for ops at all gates and cargo ramp.

NORTH LAS VEGAS (VGT)(KVGT) 3 NW UTC-8(-7DT) N36°12.64' W115°11.67'
 2205 B TPA—3005(800) Class III, ARFF Index A NOTAM FILE VGT
RWY 07-25: H5005X75 (ASPH) S-30 PCN 58 F/C/X/T MIRL

LAS VEGAS
 H-4I, L-7E
 IAP, AD

0.6% up W
RWY 07: REIL. PAPI(P4L)—GA 3.0° TCH 37'. Pole.
RWY 25: REIL. PAPI(P4L)—GA 3.0° TCH 36'.
RWY 12R-30L: H5001X75 (ASPH) S-30 PCN 48 F/C/X/T MIRL
 0.8% up NW
RWY 12R: REIL. PAPI(P4L)—GA 3.0° TCH 25'. Bldg.
RWY 30L: REIL. PAPI(P4L)—GA 3.0° TCH 45'.
RWY 12L-30R: H4203X75 (ASPH) S-30 PCN 15 F/C/X/T MIRL
 1.0% up NW
RWY 12L: REIL. PAPI(P4L)—GA 3.2° TCH 45'. Bldg.
RWY 30R: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Thld dspcd 202'.



LAND AND HOLD—SHORT OPERATIONS

| LDG RWY | HOLD—SHORT POINT | AVBL LDG DIST |
|---------|------------------|---------------|
| RWY 25 | 12R-30L | 4000 |
| RWY 30L | 07-25 | 4000 |

RUNWAY DECLARED DISTANCE INFORMATION

| RWY 07: | TORA-5005 | TODA-5005 | ASDA-5005 | LDA-5005 |
|----------|-----------|-----------|-----------|----------|
| RWY 12L: | TORA-4203 | TODA-4203 | ASDA-4203 | LDA-4203 |
| RWY 12R: | TORA-5001 | TODA-5001 | ASDA-5001 | LDA-5001 |
| RWY 25: | TORA-5005 | TODA-5005 | ASDA-5005 | LDA-5005 |
| RWY 30L: | TORA-5001 | TODA-5001 | ASDA-5001 | LDA-5001 |
| RWY 30R: | TORA-4203 | TODA-4203 | ASDA-4203 | LDA-4203 |

SERVICE: S4 FUEL 100LL, JET A OX 1 LGT When twr clsd ACTIVATE REIL Rwy 07, Rwy 12L, Rwy 12R, Rwy 25, Rwy 30L, Rwy 30R; MIRL Rwy 07-25 and Rwy 12L-30R and twy lgts—CTAF.

AIRPORT REMARKS: Attended 1400-0630Z. Rwy 07-25 and Rwy 12L-30R and Rwy 12R-30L have aiming point marking at 1000' on all runways. Rwy guard lights at all intersections.

AIRPORT MANAGER: 702-261-3800

WEATHER DATA SOURCES: ASOS 118.05 (702) 648-6633. LAWRS.

COMMUNICATIONS: CTAF 125.7 UNICOM 122.95 ATIS 118.05 702-631-7125

NELLIS APP CON 118.125 (Rwy 12)

LAS VEGAS APP/DEP CON 119.4

TOWER 125.7 (Oct-Mar 1400-0400Z, Apr-Sep 1400-0500Z) GND CON 121.7 CLNC DEL 124.0

AIRSPACE: CLASS D svc 1400-0400Z, Oct-Mar, 1400-0500Z, Apr-Sep other times CLASS G.

VOR TEST FACILITY (VOT) 108.2

RADIO AIDS TO NAVIGATION: NOTAM FILE LAS.

LAS VEGAS (H) VORTACW 116.9 LAS Chan 116 N36°04.78' W115°09.59' 333° 8.0 NM to fld. 2136/15E.

No NOTAM MP: 1600-1800Z Sat

VORTAC unusable:

025°-160° byd 20 NM blo 6,000'

160°-200° byd 20 NM blo 9,000'

200°-025° byd 25 NM blo 11,000'

200°-220° byd 15 NM blo 9,000'

220°-245° byd 35 NM blo 15,000'

245°-260° byd 35 NM blo 14,000'

260°-275° byd 35 NM blo 14,000'

275°-310° byd 35 NM blo 16,500'

ILS/DME 110.7 I-HWG Chan 44 Rwy 12L. Class IT. Unmonitored when ATCT clsd.

COMM/NAV/WEATHER REMARKS: For Clnc Del when ATCT is clsd ctc LAS Apch at 725-200-4432.

LAS VEGAS N36°04.78' W115°09.59' NOTAM FILE LAS.

LAS VEGAS
 H-4I, L-7E

(H) VORTACW 116.9 LAS Chan 116 at Mc Carran Intl. 2136/15E.

No NOTAM MP: 1600-1800Z Sat

VORTAC unusable:

025°-160° byd 20 NM blo 6,000'

160°-200° byd 20 NM blo 9,000'

200°-025° byd 25 NM blo 11,000'

200°-220° byd 15 NM blo 9,000'

220°-245° byd 35 NM blo 15,000'

245°-260° byd 35 NM blo 14,000'

260°-275° byd 35 NM blo 14,000'

275°-310° byd 35 NM blo 16,500'

RCO 122.4 (RENO RADIO)

LIDA JUNCTION (See GOLDFIELD on page 305)

LINCOLN CO (See PANACA on page 319)

LOVELOCK

DERBY FLD (LOL)(KLLOL) 8 SW UTC-8(-7DT) N40°03.99' W118°33.91'

3908 B TPA-4708(800) NOTAM FILE LOL

RWY 02-20: H5529X75 (ASPH) S-30 MIRL

RWY 02: REIL. PAPI(P2L)—GA 3.0° TCH 44'.

RWY 20: REIL. PAPI(P2L)—GA 3.0° TCH 45'. Fence.

RWY 08-26: H4931X75 (ASPH) S-17

RWY 26: Thld dsplcd 120'. Fence.

SERVICE: FUEL 100LL LGT ACTIVATE REIL Rwy 02 and Rwy 20,
MIRL Rwy 02-20—CTAF.

AIRPORT REMARKS: Unattended. Fuel 24 hr self svc. Rwy 02-20 no line of sight between rwns. Cold temperature rstd arpt. Altitude correction required at or blo -25C.

AIRPORT MANAGER: 775-273-4922

WEATHER DATA SOURCES: ASOS 120.675 (775) 273-0427.

COMMUNICATIONS: CTAF/UNICOM 122.8

LOVELOCK RCO 122.4 (RENO RADIO)

OAKLAND CENTER APP/DEP CON 128.8

RADIO AIDS TO NAVIGATION: NOTAM FILE LOL.

LOVELOCK (L) VORTACW 116.5 LLC Chan 112 N40°07.52'
W118°34.66' 155° 3.6 NM to fld. 4790/16E. HIWAS.

VOR unusable:

225°-235° byd 25 NM blo 9,600'

235°-260° byd 15 NM blo 15,500'

260°-305° byd 25 NM blo 13,000'

340°-360° byd 25 NM blo 10,500'

TACAN AZIMUTH unusable:

225°-235° byd 25 NM blo 9,600'

235°-260° byd 15 NM blo 15,500'

260°-305° byd 25 NM blo 13,000'

340°-360° byd 25 NM blo 10,500'

DME unusable:

225°-235° byd 25 NM blo 9,600'

235°-260° byd 15 NM blo 15,500'

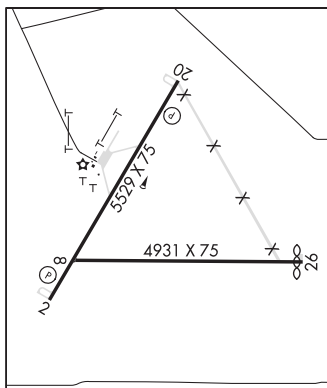
260°-305° byd 25 NM blo 13,000'

340°-360° byd 25 NM blo 10,500'

KLAMATH FALLS

H-3C, L-9A, 11A

IAP



LOVELOCK N40°07.52' W118°34.66' NOTAM FILE LOL.

(L) VORTACW 116.5 LLC Chan 112 155° 3.6 NM to Derby Fld. 4790/16E. HIWAS.

VOR unusable:

225°-235° byd 25 NM blo 9,600'

235°-260° byd 15 NM blo 15,500'

260°-305° byd 25 NM blo 13,000'

340°-360° byd 25 NM blo 10,500'

TACAN AZIMUTH unusable:

225°-235° byd 25 NM blo 9,600'

235°-260° byd 15 NM blo 15,500'

260°-305° byd 25 NM blo 13,000'

340°-360° byd 25 NM blo 10,500'

DME unusable:

225°-235° byd 25 NM blo 9,600'

235°-260° byd 15 NM blo 15,500'

260°-305° byd 25 NM blo 13,000'

340°-360° byd 25 NM blo 10,500'

RCO 122.4 (RENO RADIO)

KLAMATH FALLS

H-3C, L-9A, 11A

MC CARRAN INTL (See LAS VEGAS on page 309)

MESQUITE (67L) 2 N UTC-8(-7DT) N36°49.99' W114°03.35'
1978 B NOTAM FILE RNO

LAS VEGAS
H-41, L-9C

RWY 01-19: H5121X75 (ASPH) S-30 MIRL 2.0% up N

RWY 01: REIL. PAPI(P2L)—GA 3.0° TCH 40'.

RWY 19: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Hill.

SERVICE: FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 01-19—CTAF, click microphone 7 times.

AIRPORT REMARKS: Attended 1500-0100Z±. Credit card fuel avbl.

Parachute Jumping. Rwy 01-19 severe drop off -20' 90' right and parallel to centerline. Golf courses and driving ranges within 1000' of rwy centerline. Noise abatement procedure avoid flying over downtown Mesquite located 2NM SW of arpt.

AIRPORT MANAGER: 702-346-5237

WEATHER DATA SOURCES: AWOS-2 118.525 (702) 345-7634.

COMMUNICATIONS: CTAF/UNICOM 122.8

® L.A. CENTER APP/DEP CON 124.2

RADIO AIDS TO NAVIGATION: NOTAM FILE RNO.

MORMON MESA (L) VORTAC 114.3 MMM Chan 90 N36°46.16'
W114°16.65' 054° 11.3 NM to fld. 2106/16E. **HIWAS.**

VORTAC unusable:

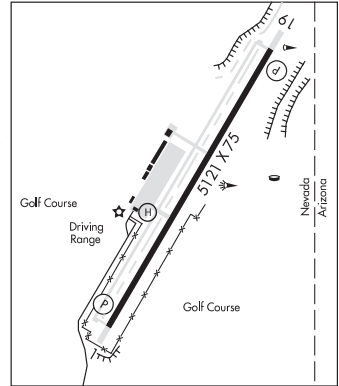
060°-075° byd 27 NM blo 9,500'

075°-110° byd 32 NM blo 9,600'

110°-135° blo 11,500'

110°-135° byd 15 NM

280°-335° byd 22 NM blo 9,000'



HELIPAD H1: H20X20 (CONC)

HELIPORT REMARKS: Rwy H1 has 15' building 50' SW of pad.

MINA (3Q0) 0 SE UTC-8(-7DT) N38°22.79' W118°05.81'
4557 NOTAM FILE RNO

SAN FRANCISCO

RWY 13-31: 4600X165 (DIRT) 0.3% up SE

AIRPORT REMARKS: Unattended. Wild horses, burros, and big horn sheep in arpt environment. Remote controlled acct invof arpt.

Rwy 13-31 has uncontrolled vehicle access. Ultralights on and invof arpt. Mountains 1 mile E of fld. Rwy 13 and Rwy 31 thld marked with white tires. Rwy 13-31 has 2' berms on both sides full length of rwy. Twy to off rwy parking area blocked by 3 ft high cattle guard rails that could damage low wing acct.

AIRPORT MANAGER: 775-573-2214

COMMUNICATIONS: CTAF 122.9

MINA N38°33.92' W118°01.97' NOTAM FILE RNO.

SAN FRANCISCO

(H) VORTAC 115.1 MVA Chan 98 251° 28.2 NM to Hawthorne Industrial. 7860/17E. **HIWAS.**

H-3C, L-9A

VOR/DME & TACAN AZIMUTH unusable:

130°-160° byd 28 NM blo 10,700'

RCO 122.1R 115.1T (RENO RADIO)

MINDEN-TAHOE (MEV)(KMEV) 4 N UTC-8(-7DT) N39°00.03' W119°45.07'

SAN FRANCISCO

4724 B NOTAM FILE MEV

H-3B, L-9A

RWY 16-34: H7399X100 (ASPH) S-50, D-75 MIRL

RWY 16: VASI(V4R)—GA 3.0° TCH 40'. Rgt tfc.

RWY 34: VASI(V4L)—GA 3.0° TCH 31'.

RWY 12-30: H5299X75 (ASPH) S-50, D-75 0.4% up SE

RWY 12: Tree. Rgt tfc.

RWY 12G-30G: 2050X60 (DIRT) 0.6% up SE

SERVICE: S4 FUEL 100LL, JET A OX3 LGTACTIVATE MIRL Rwy 16-34, VASI Rwy 16 and Rwy 34—CTAF.

AIRPORT REMARKS: Attended 1600-0000Z†. Deer and migratory birds on and in vicinity of arpt. Mowing activities adjacent to all arpt sfc year round. Rwy 12G-30G thld marked with orange and white panels. Ultralight and balloon activity on and in/ovf arpt. Glider activity on and in/ovf arpt. For emergencies after 0000Z† hrs ctc 775-782-5126. Trees 1,440' from apch end Rwy 12. Ditch in obstacle free zone adjacent SW end Twy C. Men and equipment occasionally on rwys and twys. Noise abatement procedures in effect, for information ctc 775-782-9871. Sailplane tfc pattern Rwy 30 and Rwy 34 rgt tfc. Snow removal during dalgt hours only. Rwy 30G llds only; no tkf or ldg Rwy 12G. NOTE: See Special Notices—Glider/Soaring Activities Around the Reno-Tahoe International Airport.

AIRPORT MANAGER: 775-782-9871

WEATHER DATA SOURCES: AWOS-3PT 119.325 (775) 782-6264.

COMMUNICATIONS: CTAF/UNICOM 123.05

® NORCAL APP/DEP CON 119.2

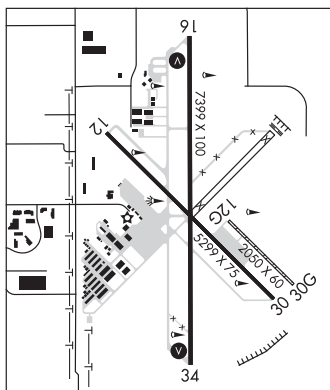
CLNC DEL 133.25

RADIO AIDS TO NAVIGATION: NOTAM FILE RNO.

MUSTANG (H) VORTACW 117.9 FMG Chan 126 N39°31.88' W119°39.36' 172° 32.1 NM to fld. 5950/16E.

VORTAC unusable:

200°-230° byd 30 NM blo 13,000'



MORMON MESA N36°46.16' W114°16.65' NOTAM FILE RNO.

LAS VEGAS

(L) VORTAC 114.3 MMM Chan 90 198° 14.5 NM to Perkins Fld. 2106/16E. HIWAS.

H-4I, L-9B

VORTAC unusable:

060°-075° byd 27 NM blo 9,500'

075°-110° byd 32 NM blo 9,600'

110°-135° blo 11,500'

110°-135° byd 15 NM

280°-335° byd 22 NM blo 9,000'

RCO 122.1R 114.3T (RENO RADIO)

MOUNT LEWIS N40°24.18' W116°52.09'

SALT LAKE CITY

RCO 122.65 (RENO RADIO)

H-3C, L-9B

MOUNT POTOSI N35°56.65' W115°29.87'

LAS VEGAS

RCO 122.35 (RENO RADIO)

L-7D

MUSTANG N39°31.88' W119°39.36' NOTAM FILE RNO.
(H) VORTACW 117.9 FMG Chan 126 234° 5.5 NM to Reno/Tahoe Intl. 5950/16E.
 VORTAC unusable:
 200°-230° byd 30 NM blo 13,000'

SAN FRANCISCO
 H-3B, L-9A

NELLIS AFB (LSV)(KLSV) AF 7 NE UTC-8(-7DT) N36°14.17' W115°02.06'
 1869 B TPA—See Remarks NOTAM FILE LSV Not insp.
RWY 03L-21R: H10120X200 (CONC) PCN 46 R/C/W/T HIRL
RWY 03L: ALSF1. PAPI(P4L)—GA 3.0° TCH 52'.
RWY 21R: ALSF1. PAPI(P4L)—GA 3.0° TCH 50'. Rgt tfc.
RWY 03R-21L: H10051X150 (CONC) PCN 51 R/C/W/T HIRL
RWY 03R: ALSF1. PAPI(P4L)—GA 3.0° TCH 53'. RVR-T
RWY 21L: ALSF1. PAPI(P4L)—GA 3.0° TCH 54'. RVR-R Rgt tfc.

LAS VEGAS
 H-4I, L-7E
 DIAP AD

ARRESTING GEAR/SYSTEM

RWY 03L HOOK BAK-12B(B)(41'OVRN) HOOK BAK-12B(B)(1211').
 HOOK BAK-12B(B)(1451') HOOK BAK-12B(B)(41' OVRN). **RWY 21R**
RWY 03R HOOK BAK-12B(B)(41' OVRN) HOOK BAK-14 HOOK BAK-12B(B)(1226').
 HOOK BAK-14 HOOK BAK-12B(B)(1200') HOOK BAK-12B(B)(46' OVRN). **RWY 21L**

SERVICE: S4 **FUEL** JET A++ , B+ **OX** 1, 2 **LGT** All rwy thld lgt gated. Rwy 21L PAPI RRP and ILS RPI not coincidental. All SFL on Rwy 21L 1.5' to rgt of extrn centerline. **MILITARY— A-GEAR** BAK-12 in raised posn, rqr 15 min PN for removal. Dep end BAK-14 will be configured in raised posn for tail-hook equipped acft, and lowered for all non-tail hook equipped acft. Rwy 03R-21L BAK-14 OPS: apch end BAK-14 will be in down posn, dep end will be in raised posn. Acft will slow to 20 kts or less prior to dep end cable, and taxi to far edge of "cold" side of rwy. Taxi btn rwy edge, and outermost BAK-14 "bumper". **JASU** 2(MA-1A) **FUEL** A+ +. Fuel will not be ordered til acft is prk. **FLUID** W—Exp 2-3 hr delay. SP PRESAIR LHOX LOX **OIL** O-123-128-132-133-148-156 SOAP **TRAN ALERT** Opr 1430-0630Z±, no quick turn Fri-Sun. No mil fleet svc avbl, ltd tran svc avbl. No tran acft can arr/dep prior to 1430Z± and must arr/dep no later than 0600Z±. Fleet svc thru McCarran Intl if avbl (1500-2300Z), 48 hr PN rqr. Coord thru McCarran LAV C702-296-8397, and after hrs C702-232-7867. Progressive taxi avbl. Tran alert contract backshop maint support may rqr reimbursement and coord with contract officer. Exp delays.

CONTINUED ON NEXT PAGE

CONTINUED FROM PRECEDING PAGE

MILITARY REMARKS: See FLIP AP/1 Supplementary Arprt Remarks. **RSTD** PPR all exc DV code 7 or abv and emerg AIREVAC, PPR issued 1430-0630Z. RON req good for one ngt only. Acft must adhere to PPR arr block +/- 30 min of scheduled ldg. Exty Large Force Exercise (LFE) activity. PPR arr not authorized dur Red Flag (RF) or LFE launch/recovery period, check NOTAM for date/time. No PPR arr dur ngt RF/LFE opr. Multi apch not authorized dur RF/LFE or after official SS unless apvd by 57 WG SOF. PPRs may be obtained up to 7 days prior to planned arr. Req for additional acft from a base that has met the max allowed (4) will be considered 3 days prior to scheduled arr, support and space permission. Dur RF/LFE periods, PPR may be reqd up to 7 days prior to arr. All inbnd pax/cargo and DV acft must ctc Command Post (Raymond 22) on 381.300, no later than 30 min prior to ldg. PPR for tran fighter/DV acft ctc AM OPS DSN 682-4600, C702-652-4600 (select Option 2). PPR for exer, deployment, C130 and larger acft ctc Nellis Support Center DSN 682-5250/5353, Mon-Fri 1430-0030Z. Sun and hol tfc exp arr from North, dep North winds permitting with tfc pat towards East (Sunrise Mt). Acft with code 7 or higher ctc PTD when 100 NM out. Opr rstd dur Bird Watch Cond Moderate (tkf or ldg permission only when dep and arr avoid identified bird activity, no lcl IFR/VFR tfc pat activity) and Severe (tkf and ldg prohibited without OG/CC or designated official apvl). Hot Cargo Pad unlit and rstd to dalgt/VFR ops. No forward firing munitions in revetments 12, 13 and 25. Wingtip clearance rstds. Peripheral taxilane east of revetments rstd to wingspan 57' and smaller. Wingtip clearance rstds. When acft are present on the adjacent apron, Twy A between Rwy 21R-03L and Rwy 21L-03R is rstd to wingspan 185' and smaller without use of wing walkers. White wingtip clearance line provides min 25' clearance wingspan 185' and smaller. Wingtip clearance rstd. When acft are present on the adjacent apron, Twy A between Rwy 21L-03R and Twy G is rstd to wingspan 185' and smaller. Wingtip clearance rstds when acft are present on the adjacent aprons, Twy D between Rwy 21R-03L and Twy F is rstd to wingspans 132' and smaller. Wing walkers must be used as rqr. Wingtip clearance rstds. When acft are present on the adjacent apron, Twy E between Rwy 21R-03L and Rwy 21L-03R is rstd to fighter type acft and smaller (no heavy acft). Wingtip clearance rstds. When acft are present on the adjacent apron, Twy E between Rwy 21L-03R and Twy G is rstd to wingspans 132' and smaller without use of wing walkers. White wingtip clearance line provides min 25' clearance for wingspans 132' and smaller. Wingtip clearance rstds. Intermediate hold position markings installed on the north peripheral taxilane of tran west apron, east of Twy H and tran heli-pad. All acft entering tran west at this location must hold short and ctc Nellis ground control for permission to proceed. **CAUTION** Aircrew should use increased caution for bird act during BASH Phase II (Apr-May and Aug-Oct). Parachute Jumping. Steeply rising terrain South and East of cntrln Rwy 03L-21L. Rwy 03L-21R has high potential for hydroplaning. Crane trng site north of dep end Rwy 03L, max hgt 200'. Acft taxiing on Twy D btn Twy F and Rwy 21R use caution, 4-8" high distance remaining marker lctd 125' North Twy D cntrln. Reference AP/1 on jet blast haz. Heavy acft engine runs permitted on rwy req must be scheduled thru afld management ops at DSN 682-4600. Juliet taxilane unlgtd. Due to FOD problem, 4-eng acft will taxi with outboard eng at idle or shutdown if possible. **TFC PAT** TPA Rectangular 3000(1131), overhead 3500(1631). Acft dep will not climb above 3000' until past the dep end of rwy. NS ABTMT ACC quiet hr policy in effect 0630-1400Z. **MISC** Afld obsn is monitored by an FMQ 19 AMOS and augmented by human obsn as rqr. First 1320' Rwy 21R and first 920' Rwy 03L grvd conc. Mid 7879' Rwy 03L-21R ctr 80' conc, balance asph. East side 9000' 1000' distance remaining markers Rwy 21L not avbl. Tran acft shall communicate with Nellis ATC facility on UHF for the max extent possible due to heavy concentration of acft in the VFR pat. Reduced Same Rwy Separation will be applied to base assign/deployed acft in accordance with NAFBI 11-250, see (<https://www.mil.nellis.af.mil/units/99cs/scs/>) see NAFBI 11-250.pdf. Afld Wx support H24; DSN 682-4744, C702-652-4744. Wx mission support hrs dictated by local WG and exercise flying scheduled. These hrs typically 1300Z Mon thru 0530Z Fri, clsd weekend and hol. Wx obsn view of Rwy 03R and Rwy 03L apch end rstd by flt facility, obsn view rstd fr 190°-330° by flightline facility and bldgs, ngt obsn ltd due to high ints ramp lgt. Backup wx brief for tran aircrews byd nml opr hr avbl via 25 Operational Wx Squadron at Davis Monthan AFB DSN: 228-6598/6599, C(520)228-6598/6599. Bldgs night flood lgts block the wx obsn view of the AER 03L-03R. No classified material storage avbl at AM ops. All classified must be stored in the Nellis AFB command post. TACAN checkpoint sings incorrect. Correct info: Twy Echo N end should read R-313/0.2 DME (N36-14-49/W115-01-38.5); Twy Alpha, S end should read: R216/1.5 DME (N36-13-38.1/W115-02-51.4). For CSTMS and AG, ctc Nellis Support Center for C-130 and larger framed acft at DSN 682-5250 or ctc Base Ops for all other acft at DSN 682-4601 24 hrs prior to arrival.

AIRPORT MANAGER: 702-652-1110

COMMUNICATIONS: SFA ATIS 270.1 PTD 139.3 372.2 (Unreliable 085°-155° byd 35 NM at FL200, 315°-005° byd 40 NM at FL200, 230°-290° byd 55 NM at FL200.)

Ⓡ **APP CON** 118.125 124.95 273.55 291.725

TOWER 132.55 327.0 **GND CON** 121.8 275.8

Ⓡ **DEP CON** 135.1 385.4 **CLNC DEL** 120.9 289.4 (Opr 1400-0600Z. Full svc avbl dur Nellis flying.)

ACC COMD POST (RAYMOND 22) 320.0 381.3 (381.3 Have quick timing avbl.) **ALCE AMC** 257.35 259.95 (Opr only dur Red Flag deployment/change over/redeployment and other exercises.) **PMSV METRO** 323.9 (Full svc avbl during wx station opr hrs otherwise not avbl. PMSV unreliable 085°-155° byd 35 NM at or blo FL200, 315°-005° byd 40 NM at or blo FL200, 230°-290° byd 55 NM at or blo FL200.) **SOF (BULLSEYE SOF)** 305.6

CONTINUED ON NEXT PAGE

CONTINUED FROM PRECEDING PAGE

RADIO AIDS TO NAVIGATION: NOTAM FILE LAS.

LAS VEGAS (H) VORTACW 116.9 LAS Chan 116 N36°04.78' W115°09.59' 018° 11.2 NM to fld. 2136/15E.

No NOTAM MP: 1600-1800Z‡ Sat

VORTAC unusable:

025°-160° byd 20 NM blo 6,000'
 160°-200° byd 20 NM blo 9,000'
 200°-025° byd 25 NM blo 11,000'
 200°-220° byd 15 NM blo 9,000'
 220°-245° byd 35 NM blo 15,000'
 245°-260° byd 35 NM blo 14,000'
 260°-275° byd 35 NM blo 14,000'
 275°-310° byd 35 NM blo 16,500'

(L) TACAN Chan 12 LSV (135.5) N36°14.68' W115°01.51' at fld. 1863/12E. NOTAM FILE LSV.

TACAN AZIMUTH unusable:

003°-023° byd 20 NM blo 8,000'
 003°-023° byd 26 NM blo 12,000'
 023°-038° byd 30 NM blo 8,000'
 038°-083° byd 20 NM
 083°-158° byd 15 NM
 083°-158° byd 5 NM blo 10,000'
 288°-353° byd 20 NM blo 11,000'
 288°-353° byd 26 NM blo 15,000'
 288°-353° byd 33 NM
 353°-003° byd 20 NM blo 9,000'
 353°-003° byd 26 NM blo 15,000'

No NOTAM MP: 1100-1500Z‡ Tue, Wed

DME unusable:

003°-023° byd 20 NM blo 8,000'
 003°-023° byd 26 NM blo 12,000'
 023°-038° byd 30 NM blo 8,000'
 038°-083° byd 20 NM
 083°-158° byd 15 NM
 083°-158° byd 5 NM blo 10,000'
 288°-353° byd 20 NM blo 11,000'
 288°-353° byd 26 NM blo 15,000'
 353°-003° byd 20 NM blo 9,000'
 353°-003° byd 26 NM blo 15,000'

ILS 109.1 I-DIQ Rwy 21L. Class IE. ILS 21I DME from LSV TACAN and LAS VORTAC. No NOTAM MP: ILS 1100-1500Z‡ Thu.

NORTH FORK**STEVENS-CROSBY** (Ø8U) 3 NW UTC-8(-7DT) N41°30.95' W115°51.60'

SALT LAKE CITY

6397 NOTAM FILE RNO

RWY 01-19: 3600X50 (DIRT) 0.1% up N**RWY 19:** Fence.**AIRPORT REMARKS:** Unattended. First 800' of Rwy 01 rough, uneven and rutted. Rwy 01 terrain drops off 150' end of rwy.**AIRPORT MANAGER:** 775-758-6409**COMMUNICATIONS:** CTAF 122.9**NORTH LAS VEGAS** (See LAS VEGAS on page 311)

OVERTON

ECHO BAY (ØL9) 14 S UTC-8(-7DT) N36°18.66' W114°27.83'
1535 NOTAM FILE RNO

LAS VEGAS

L-7E

RWY 06-24: H3400X50 (ASPH) S-12.5

RWY 06: Fence.

RWY 24: Fence. Rgt tfc.

AIRPORT REMARKS: Attended on call. Rwy 06-24 rwy ends lips and edges exceed 6' drop offs. Abrupt pavement edge lips exceed 8' on both sides of the rwy. Monitor unicom 122.8 for taxi svc to resort area. Livestock on and in vicinity of arpt. Parallel twy rough and infrequently used.

AIRPORT MANAGER: (702) 293-8971

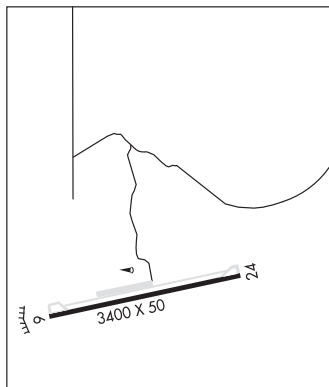
COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE RNO.

BOULDER CITY (H) VORTACW 116.7 BLD Chan 114 N35°59.75'
W114°51.81' 031° 27.1 NM to fld. 3642/15E. **HIWAS.**

Unusable:

155°-180° byd 30 NM blo 9,000'



PERKINS FLD (UØ8) 2 N UTC-8(-7DT) N36°34.09' W114°26.60'

LAS VEGAS

L-7E

1366 B TPA-2166(800) NOTAM FILE RNO

RWY 13-31: H4811X75 (ASPH) S-30 MIRL 0.4% up NW

RWY 13: Fence.

RWY 31: Road. Rgt tfc.

SERVICE: FUEL 100 LGTACTIVATE MIRL Rwy 13-31-CTAF.

AIRPORT REMARKS: Attended Thu-Mon dalgt hrs. Tues and Wed svc avbl on call 702-397-8457. Ultralight and skydiving activity ongoing on or near the arpt.

AIRPORT MANAGER: 702-261-3802

COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE RNO.

MORMON MESA (L) VORTAC 114.3 MMM Chan 90 N36°46.16'
W114°16.65' 198° 14.5 NM to fld. 2106/16E. **HIWAS.**

VORTAC unusable:

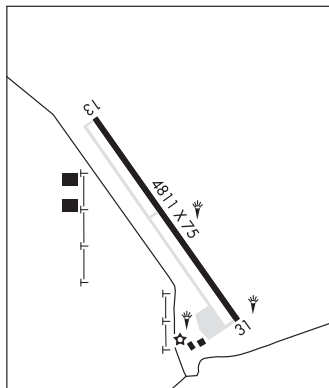
060°-075° byd 27 NM blo 9,500'

075°-110° byd 32 NM blo 9,600'

110°-135° blo 11,500'

110°-135° byd 15 NM

280°-335° byd 22 NM blo 9,000'



OWYHEE (1ØU) 4 W UTC-8(-7DT) N41°57.22' W116°10.92'

SALT LAKE CITY

5377 B NOTAM FILE RNO

RWY 05-23: H4700X60 (ASPH) MIRL

RWY 05: REIL. PAPI(P2L)-GA 3.0° TCH 40'.

RWY 23: REIL. PAPI(P2L)-GA 3.0° TCH 40'.

SERVICE: LGTACTIVATE MIRL Rwy 05-23, PAPI Rwy 05 and Rwy 23 and REIL Rwy 05 and Rwy 23-CTAF.

AIRPORT REMARKS: Unattended. Bird activity infov arpt. Entrance gate access code 1246. Tie-down chains not provided.

AIRPORT MANAGER: 208-759-3100

WEATHER DATA SOURCES: AWOS-3 118.535 (208) 258-0383.

COMMUNICATIONS: CTAF 122.9

PAHRUMP**CALVADA MEADOWS** (74P) 5 N UTC-8(-7DT) N36°16.32' W115°59.72'

LAS VEGAS

2726 NOTAM FILE RNO Not insp.

L-7D

RWY 15-33: H4081X48 (ASPH-GRVL-AFSC) LIRL 1.0% up SE**RWY 15:** Thld dspcd 200'. P-line.**RWY 33:** Bldg.**SERVICE:** FUEL 100LL LGT ACTIVATE LIRL Rwy 15-33—CTAF.**AIRPORT REMARKS:** Unattended. PPR for acft ops over 12500 lbs., coml ops, and for glldr, pwrld prcht, banner towing, parachuting, flt trng, UAS, or jet ops. Tsnt acft parking off NW parl twy at trml. Acft wingspans exceeding Group I (49 ft) rstrd NW parl twy and all taxilanes.**AIRPORT MANAGER:** (775) 910-9289**COMMUNICATIONS:** CTAF/UNICOM 122.8**RADIO AIDS TO NAVIGATION:** NOTAM FILE LAS.**LAS VEGAS (H) VORTACW** 116.9 LAS Chan 116 N36°04.78' W115°09.59' 271° 42.2 NM to fld. 2136/15E.

No NOTAM MP: 1600-1800Z† Sat

VORTAC unusable:

025°-160° byd 20 NM blo 6,000'

160°-200° byd 20 NM blo 9,000'

200°-025° byd 25 NM blo 11,000'

200°-220° byd 15 NM blo 9,000'

220°-245° byd 35 NM blo 15,000'

245°-260° byd 35 NM blo 14,000'

260°-275° byd 35 NM blo 14,000'

275°-310° byd 35 NM blo 16,500'

.

HELIPAD H1: H20X20 (CONC)**PANACA****LINCOLN CO** (1L1) 2 W UTC-8(-7DT) N37°47.25' W114°25.19'

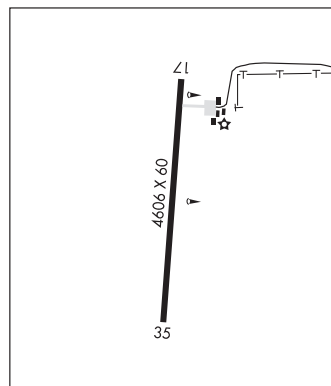
LAS VEGAS

4831 B TPA-5631(800) NOTAM FILE RNO

L-9B

RWY 17-35: H4606X60 (ASPH) S-12.5 MIRL 0.7% up N**RWY 17:** Hill.**SERVICE:** FUEL 100LL LGT ACTIVATE MIRL Rwy 17-35—CTAF.**AIRPORT REMARKS:** Attended continuously.**AIRPORT MANAGER:** (702) 449-2418**COMMUNICATIONS:** CTAF/UNICOM 122.8**RADIO AIDS TO NAVIGATION:** NOTAM FILE RNO.**WILSON CREEK (H) VORTAC** 116.3 ILC Chan 110 N38°15.01'

W114°23.65' 167° 27.8 NM to fld. 9318/16E.

**PERKINS FLD** (See OVERTON on page 318)

RENO

RENO/STEAD (RTS)(KRTS) P (ARNG) 10 NW UTC-8(-7DT) N39°40.09' W119°52.59'

SAN FRANCISCO

H-3B, L-9A, 11A

IAP, AD

5050 B TPA—See Remarks NOTAM FILE RTS

RWY 14-32: H9000X150 (ASPH-GRVD) S-65, D-85, 2S-108 HIRL

RWY 14: REIL. PAPI(P4L)—GA 3.0° TCH 40'.

RWY 32: MALSR. REIL. PAPI(P4L)—GA 3.0° TCH 39'. Thld dspld 1200'. Rgt tfc.

RWY 08-26: H7608X150 (ASPH-GRVD) S-60, D-90, 2S-114 HIRL 0.8% up E

RWY 08: REIL. PAPI(P4L)—GA 4.0° TCH 45'.

RWY 26: REIL. PAPI(P4L)—GA 3.0° TCH 46'. Rgt tfc.

SERVICE: S4 FUEL 100LL, JET A OX 1, 3 LGT Rwy 08 PAPI unusable byd 5° rgt of cntrin. Cold temperature rstd arpt. Altitude correction required at or blo -15°C/5° F. Rwy 14 PAPI OTS indef.

0100-1700Z‡ ACTIVATE HIRL Rwy 08-26 and Rwy 14-32—CTAF.

MILITARY— JASU 1(MD-3M) 2(A-1) FUEL J4 (Mil) A (avbl 1600-0030Z‡ Mon-Fri, C775-972-5540. OT fee \$50. Emerg svc C775-530-8743.) (NC-100LL) FLUID HPOX

AIRPORT REMARKS: Attended 1600-0100Z‡. FBO attendant on call 24 hrs

775-530-7164 and frequency 122.775 for fuel. Rwy 08-26

longitudinal cracks exceeding 3 inches along rwy centerline.

Parachute Jumping. Extv army guard helicopter ops invof arpt. Be alert for balloon tfc northwest quadrant of arpt. Extv tanker and fire attack

ops dur fire season. TPA—6246(1200) heavy/high performance acct. Avoid overflit of housing areas east and west of afld.

Cold temperature rstd arpt. Altitude correction required at or blo -15C.

AIRPORT MANAGER: 775-328-6573

WEATHER DATA SOURCES: AWOS-3 135.175 (775) 677-0589.

COMMUNICATIONS: CTAF/UNICOM 122.7

® **NORCAL APP/DEP CON** 126.3 (916-361-6874)

RADIO AIDS TO NAVIGATION: NOTAM FILE RNO.

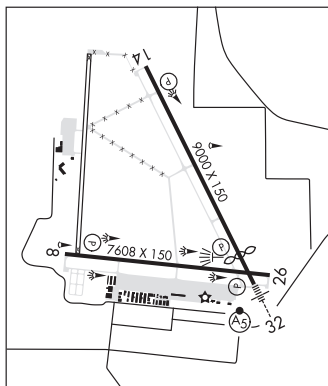
MUSTANG (H) VORTACW 117.9 FMG Chan 126 N39°31.88' W119°39.36' 293° 13.1 NM to fld. 5950/16E.

VORTAC unusable:

200°-230° byd 30 NM blo 13,000'

ILS/DME 111.9 I-RTS Chan 56 Rwy 32. Class IT.

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc Norcal Apch at 916-361-0596.



RENO/TAHOE INTL (RNO)(KRNO) P (ANG) 3 SE UTC-8(-7DT) N39°29.95' W119°46.09'
4415 B TPA—See Remarks LRA Class I, ARFF Index C NOTAM FILE RNO

SAN FRANCISCO
H-3B, L-9A
IAP, AD

RWY 16R-34L: H11001X150 (CONC-GRVD) S-75, D-185, 2D-350,
2D/2D2-850 PCN 88 R/B/W/T HIRL CL

RWY 16R: MALSR. PAPI(P4L)—GA 3.06° TCH 77'. RVR-T Thld dspcd 1000'.

RWY 34L: MALSR. PAPI(P4L)—GA 3.54° TCH 72'. RVR-R Thld dspcd 990'. Ground.

RWY 16L-34R: H9000X150 (CONC-GRVD) S-75, D-209, 2D-407,
2D/2D2-850 PCN 88 R/B/W/T HIRL CL

RWY 16L: REIL. PAPI(P4L)—GA 3.0° TCH 75'.

RWY 34R: REIL. PAPI(P4L)—GA 3.0° TCH 75'.

RWY 07-25: H6102X150 (CONC-GRVD) S-60, D-170, 2D-260
PCN 72 R/B/W/T MIRL

RWY 07: REIL. PAPI(P4L)—GA 3.2° TCH 48'. Pole.

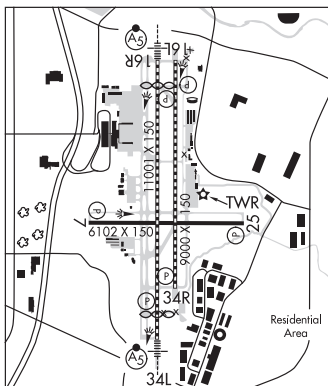
RWY 25: REIL. PAPI(P4L)—GA 3.0° TCH 45'. Tree.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 07: TORA-5854 TODA-5854 ASDA-6102 LDA-5854

RWY 25: TORA-6102 TODA-6102 ASDA-6102 LDA-6102

SERVICE: S4 FUEL 100LL, JET A1+ OX 1, 2, 3, 4 LGT Rwy 25 PAPI not to be used byd 2 NM due to rapidly rising mountainous terrain. Rwy 34R PAPI unusable byd 6° right of centerline. For MIRL Rwy 07-25 0600-1330Z±, HIRL Rwy 16L-34R and cntrln lgts 0800-1330Z± ctc twr. **MILITARY—FUEL A, A+ (C775-858-7300.)** (NC-100LL, A1+)



AIRPORT REMARKS: Attended continuously. CAUTION: Intsv glider activity invof arpt and surrounding areas up to 18,000'.

Waterfowl all quadrants all seasons. Concentrated NW of Rwy 16R and East of Rwy 16L. Twy M clsd to air carrier acft. Twy J east of rwy 16L-34R clsd to air carrier acft. Twy A btn N Twy B and Twy D clsd to acft with wingspan greater than 149'. Twy C btn Twy L and Twy D clsd to air carrier acft. Twy C btn Twy L and Twy D rstd to acft 60,000 lbs or less. TPA—5215(800) single engine, 5415(1000) larger/high performance acft. Noise sensitive area all quadrants. All coml acft ctc gnd ct for advisories prior to push back on the terminal ramp. Pilots of turbojet acft use recommended NS ABTMT procedures, avbl on req. Pilots of non-turbojet acft use best abatement procedures and settings. Avoid as much as feasible flying over populated areas. Pure jet touch and go low apch and practice instrument apchs are prohibited, acft over 12500 lbs rqr prior written apvl for trng flts, for further info ctc arpt ops 1-877-736-6359. 24 hrs PPR for tran acft parking with wingspans greater than 75'. LRA PPR call 775-784-5585, no after hrs ldg without prior arrangement. Glider/soaring ops 30-50 miles South of arpt dur VFR wx and mountain wave wind cond 1900Z± to SS. Cold temperature rstd arpt. Alt correction required at or blo -15C. Flight Notification Service (ADCUS) avbl. NOTE: See Special Notices—Glider/Soaring Activities around the Reno-Tahoe Intl Arpt, Continuous Power Facilities.

AIRPORT MANAGER: 775-328-6400

WEATHER DATA SOURCES: ASOS (775) 324-6659

COMMUNICATIONS: D-ATIS 135.8 775-348-1550 UNICOM 122.95

RCO 122.2 122.5 (RENO RADIO)

Ⓡ NORCAL APP/DEP CON 126.3 (220°-035°) 119.2 (036°-219°)

TOWER 118.7 GND CON 121.9 CLNC DEL 124.9 CPDLC (LOGON KUSA)

AIRSPACE: CLASS C svc ctc APP CON

RADIO AIDS TO NAVIGATION: NOTAM FILE RNO.

MUSTANG (H) VORTACW 117.9 FMG Chan 126 N39°31.88' W119°39.36' 234° 5.5 NM to fld. 5950/16E.

VORTAC unusable:

200°-230° byd 30 NM blo 13,000'

ILS/DME 110.9 I-RNO Chan 46 Rwy 16R. Class ID. Localizer back course status: localizer backcourse unusable byd 20° left of course.

ILS/DME 109.9 I-AGY Chan 36 Rwy 34L. Class IE. LOC unusable abv 6,400' at thld; within 3.6 NM abv 8,500'.

SPANISH SPRINGS (N86) 10 N UTC-8(-7DT) N39°40.27' W119°43.51'

SAN FRANCISCO

4620 NOTAM FILE RNO

RWY 17-35: 3418X60 (DIRT) RWY LGTS(NSTD)

RWY 17: Bldg.

RWY 35: Rgt tfc.

SERVICE: FUEL 100LL

AIRPORT REMARKS: Unattended. Airport clsd indefinitely, main Rwy 17-35 has temporary yellow X's at each end. Rwy 17-35 hazardous when wet. No line of site between ends of rwy. Mountains West and North. Uncontrolled vehicle access across rwys. Rwy 17 gradient 2.5% first 500'. Rwy 17-35 thresholds marked with 4 white cement pads flush to the ground. Rwy edge marked with reflectors. Rwy 17-35 rwy lgts NSTD. Rising terrain at rwy edges narrowing primary sfc at center of rwy. Par twy clsd indef.

AIRPORT MANAGER: 775-772-8049

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc Norcal Apch at 916-361-0596.

ROSASCHI AIR PARK (See SMITH on page 323)

SANDY VALLEY**SKY RANCH** (3L2) 2 SW UTC-8(-7DT) N35°47.58' W115°37.59'

LAS VEGAS

2599 NOTAM FILE RNO

L-7D

RWY 03-21: H3340X45 (ASPH) RWY LGTS(NSTD)**RWY 03:** Rgt tfc.**RWY 21:** Thld dsplcd 180'. Road.**RWY 12-30:** 3300X105 (DIRT)**RWY 12:** Rgt tfc.**SERVICE:** LGT Rwy 03-21 rwy lgts NSTD. Rwy 03-21 thld lgts only.

AIRPORT REMARKS: Attended irregularly. Low flying military acft in area. Ultralight activity on and in/ov arpt. Occasional livestock on and in vicinity of acft movement areas. Rwy 03-21 obstacle free area ltd to 96' either side of centerline. Unmarked and unlighted power poles/lines NW/SE of Rwy 03-21. No line of sight between rwy ends. Arpt is a residential airpark, auto tfc is on and across rwys and twys. Avoid noise sensitive residential area 1.5 miles NW of arpt. Rwy 21 dsplcd thld marked with 8' white lines. Rwy edges marked with reflectors. Rwy 12-30 thld not marked.

AIRPORT MANAGER: (702) 725-1727**COMMUNICATIONS:** CTAF/UNICOM 123.0**RADIO AIDS TO NAVIGATION:** NOTAM FILE LAS.**LAS VEGAS (H) VORTACW** 116.9 LAS Chan 116 N36°04.78' W115°09.59' 218° 28.5 NM to fld. 2136/15E.

No NOTAM MP: 1600-1800Z± Sat

VORTAC unusable:

025°-160° byd 20 NM blo 6,000'

160°-200° byd 20 NM blo 9,000'

200°-025° byd 25 NM blo 11,000'

200°-220° byd 15 NM blo 9,000'

220°-245° byd 35 NM blo 15,000'

245°-260° byd 35 NM blo 14,000'

260°-275° byd 35 NM blo 14,000'

275°-310° byd 35 NM blo 16,500'

COMM/NAV/WEATHER REMARKS: For Cinc Del ctc LAS Apch at 725-200-4432.**SEARCHLIGHT** (1L3) 2 S UTC-8(-7DT) N35°26.67' W114°54.56'

PHOENIX

3413 NOTAM FILE RNO

H-4I, L-7E

RWY 16-34: H5040X70 (ASPH) 2.2% up N**RWY 16:** Fence.**RWY 34:** Brush.

AIRPORT REMARKS: Arpt unattended. Extensive rwy cracking. Afd condition not monitored. Ground rises at constant rate north of arpt for approximately 2 miles. Unlighted 165' p-line located approximately 3.2 miles south of rwy blo thld. Lgtd 3481' mountain southwest. UAS/UAV/Experimental acft traffic using arpt and operating in arpt traffic area by NOTAM.

AIRPORT MANAGER: (702) 586-1160**COMMUNICATIONS:** CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE RAL.**GOFFS (L) VORTAC** 114.4 GFS Chan 91 N35°07.87' W115°10.59' 020° 22.9 NM to fld. 4000/15E.

VOR unusable:

035°-045° byd 5 NM blo 17,500'

200°-235° byd 30 NM blo 8,700'

235°-260° byd 25 NM blo 7,400'

260°-290° byd 25 NM blo 8,000'

290°-320° byd 20 NM blo 9,500'

320°-010° byd 30 NM blo 8,500'

DME unusable:

200°-235° byd 30 NM blo 8,700'

235°-260° byd 25 NM blo 7,400'

260°-290° byd 25 NM blo 8,000'

290°-320° byd 20 NM blo 9,500'

320°-010° byd 30 NM blo 8,500'

TACAN AZIMUTH unusable:

200°-235° byd 30 NM blo 8,700'

235°-260° byd 25 NM blo 7,400'

260°-290° byd 25 NM blo 8,000'

290°-320° byd 20 NM blo 9,500'

320°-010° byd 30 NM blo 8,500'

SILVER SPRINGS (SPZ)(KSPZ) 2 SW UTC-8(-7DT) N39°24.18' W119°15.07'

SAN FRANCISCO

4265 B NOTAM FILE RNO

H-3C, L-9A

RWY 06-24: H6001X75 (ASPH) S-30 MIRL 0.8% up SW

IAP

RWY 06: REIL. PAPI(P2L)—GA 3.0° TCH 40'.**RWY 24:** REIL. PAPI(P2L)—GA 3.0° TCH 40'. Rgt tfc.**SERVICE:** FUEL 100LL, JET A LGT ACTIVATE PAPI Rwy 06 and Rwy 24, MIRL Rwy 06-24—CTAF.**AIRPORT REMARKS:** Attended 1500-0300Z. Fuel 24 hr self svc. Jet A avbl by callout, prior arrangements, or by staff when on site.**AIRPORT MANAGER:** 775-577-2111**COMMUNICATIONS:** CTAF 122.9

Ⓡ **NAVY FALLON APP/DEP CON** 120.85 (1515-0645Z‡ Mon-Fri, 1800-0200Z‡ Sat, 2000-0200Z‡ Sun, clsd holidays, other times by NOTAM). Other times ctc

Ⓡ **OAKLAND CENTER APP/DEP CON** 128.8

RADIO AIDS TO NAVIGATION: NOTAM FILE RNO.**HAZEN (L) VORTAC** 114.1 HZN Chan 88 N39°30.98'

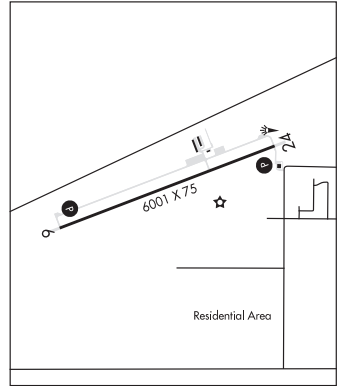
W118°59.86' 223° 13.6 NM to fld. 4085/17E.

VOR portion unusable:

300°-320° byd 30 NM blo 9,500'

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc Norcal Apch at

916-361-0596. Super AWOS on CTAF, 122.9 and 617-262-3825.

**SILVERBOW** N37°47.42' W116°46.76' NOTAM FILE PRC.

LAS VEGAS

(T) **VORTAC** 113.0 TQQ Chan 77 at Tonopah Test Range. 5542/16E.

L-9B

VOR unusable:

190°-200° byd 20 NM blo 13,000'

245°-255° byd 10 NM blo 15,000'

TACAN AZIMUTH unusable:

185°-220° byd 20 NM blo 12,000'

245°-255° byd 10 NM blo 15,000'

VOR No NOTAM MP: 1700-2000Z‡ Wed. TACAN No NOTAM MP: 1700-2000Z‡ Thu

DME unusable:

185°-220° byd 20 NM blo 12,000'

245°-255° byd 10 NM blo 15,000'

SKY RANCH (See SANDY VALLEY on page 322)**SMITH****ROSASCHI AIR PARK** (N59) 2 N UTC-8(-7DT) N38°50.36' W119°20.29'

SAN FRANCISCO

4809 NOTAM FILE RNO

L-9A

RWY 07-25: H4800X32 (ASPH)**RWY 17-35:** 3700X64 (DIRT)**RWY 35:** Bldg.**AIRPORT REMARKS:** Unattended. Rwy 07-25 CLOSED indef for repairs. Severe lateral cracks in excess of 6'. Arpt ops 775-742-9725 call for conditions.**AIRPORT MANAGER:** 775-465-2417**COMMUNICATIONS:** CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE RNO.**HAZEN (L) VORTAC** 114.1 HZN Chan 88 N39°30.98' W118°59.86' 184° 43.6 NM to fld. 4085/17E.

VOR portion unusable:

300°-320° byd 30 NM blo 9,500'

SOD HOUSE N41°24.42' W118°02.08' NOTAM FILE RNO.

KLAMATH FALLS

(L) **VORTACW** 114.3 SDO Chan 90 143° 32.3 NM to Winnemucca Muni. 4161/18E.

L-11B

VOR unusable:

030°-160° byd 20 NM blo 15,000'

220°-245° byd 20 NM blo 15,000'

300°-345° byd 20 NM blo 13,000'

TACAN AZIMUTH unusable:

030°-160° byd 20 NM blo 15,000'

220°-245° byd 20 NM blo 15,000'

300°-345° byd 20 NM blo 13,000'

DME unusable:

030°-160° byd 20 NM blo 15,000'

220°-245° byd 20 NM blo 15,000'

300°-345° byd 20 NM blo 13,000'

RCO 122.6 (RENO RADIO)

SPANISH SPRINGS (See RENO on page 321)

STEVENS-CROSBY (See NORTH FORK on page 317)

TIGER FLD (See FERNLEY on page 305)

TONOPAH (TPH)(KTPH) 7 E UTC-8(-7DT) N38°03.61' W117°05.21'

5430 B NOTAM FILE TPH

RWY 15-33: H7158X80 (ASPH) S-30 MIRL 0.5% up NW

RWY 15: PAPI(P2L)—GA 3.0° TCH 41'.

RWY 33: VASI(V4L)—GA 3.0° TCH 31'.

RWY 11-29: H6195X50 (ASPH) S-30, D-66, 2S-84, 2D-77 MIRL

0.3% up NW

RWY 11: Thld dspld 538'.

SERVICE: S4 FUEL 100LL, JET A OX 4 LGT ACTIVATE MIRL Rwy 15-33 and Rwy 11-29—CTAF.

AIRPORT REMARKS: Attended 1400-0700Z†. Fuel avbl 1500-0200Z† after hrs on request call 775-482-3626. Parachute Jumping. Rwy 11-29 rwy cracking full length. NOTE: See Special Notices—FAR—PART 139 Certificated Airports.

AIRPORT MANAGER: (775) 751-6262

WEATHER DATA SOURCES: ASOS 118.875 (775) 482-3441.

COMMUNICATIONS: CTAF/UNICOM 123.0

RCO 122.6 (RENO RADIO)

NELLIS APP/DEP CON 119.35

AIRSPACE: CLASS E

RADIO AIDS TO NAVIGATION: NOTAM FILE TPH.

(L) VORTACW 117.2 TPH Chan 119 N38°01.84' W117°02.01' 288° 3.1 NM to fld. 5344/17E.

VOR unusable:

015°-050° byd 35 NM blo 10,800'

050°-060° byd 30 NM blo 9,500'

240°-260° byd 30 NM blo 10,600'

270°-315° byd 20 NM blo 8,600'

360°-015° byd 30 NM blo 10,800'

TACAN AZIMUTH unusable:

015°-050° byd 35 NM blo 10,800'

050°-060° byd 30 NM blo 9,500'

240°-260° byd 30 NM blo 10,600'

270°-315° byd 20 NM blo 8,600'

360°-015° byd 30 NM blo 10,800'

DME unusable:

015°-050° byd 35 NM blo 10,800'

050°-060° byd 30 NM blo 9,500'

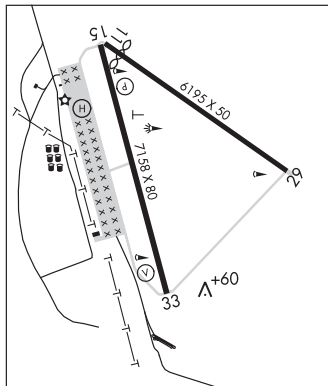
240°-260° byd 30 NM blo 10,600'

270°-315° byd 20 NM blo 8,600'

360°-015° byd 30 NM blo 10,800'

HELIPAD H1: H48X48 (ASPH)

LAS VEGAS
H-3C, L-9B
IAP, AD



TONOPAH TEST RANGE (TNX)(KTNX) AF 27 SE UTC-8(-7DT) N37°47.93' W116°46.85'

LAS VEGAS

5550 TPA—See Remarks NOTAM FILE RNO Not insp.

H-3C, L-9B

RWY 14-32: H12001X150 (CONC) PCN 48 R/C/W/T HIRL

DIAP, AD

RWY 14: ALSF1. PAPI(P4L)—GA 2.75° TCH 51'.

RWY 32: ALSF1. PAPI(P4L)—GA 2.75° TCH 39'.

ARRESTING GEAR/SYSTEM

RWY 14 BAK-14 BAK-12B(B) (1500).

HOOK BAK-12B(B) (1600). **RWY 32**

SERVICE: LGT PCL, 257.95, Key 3 times for lo ints, 5 times for med ints, 7 times for hi ints. SFL opr hi ints only.

MILITARY—A-GEAR Uneven pavement either side of both N and S barriers could increase hook skip potential. **JASU**

3(AM32A-60A) **FUEL** A+ + **FLUID** De-Ice **OIL** O-148 **TRAN ALERT** Svc avbl 1300-0300Z† wkd, clsd wkend and hol. Fleet svc unavbl. Maint unavbl.

MILITARY REMARKS: Opr 1300-0305Z† Mon-Fri, CLOSED weekends and holidays. **RSTD** Afd located within R4809. Afd located in restricted airspace: Ctc Air Force Flight Test Center (AFFTC) Tonopah Test Range Operations Office (TTRO). Official business only/PPR, minimum 72 hr notice required. Ctc afd ops DSN 348-5937, C702-653-5937. Twy E VOR receiver checkpoint unusable. Downward thrust jet blast is rstd from full power first 500' for Rwy 14 and Rwy 32. **CAUTION** VFR ops use caution for increased volume of high performance Mil fit ops in R4809A. **TFC PAT** TPA—Rectangular 7000(1500), Overhead 7500(2000). **MISC** No classified material storage. Twy B clsd. BASH migratory bird activity Oct-Mar (Phase II). Wx brief by normal opr hours avbl via 25 OWS at Davis Monthan AFB, DSN 228-6598/6599, C520-228-6598/6599.

AIRPORT MANAGER: 702-295-8313

COMMUNICATIONS: SFA PTD 119.45 233.95

NELLIS APP CON 119.35 254.4

SILVERBOW TOWER 124.75 257.95 (1300-0300Z† Mon-Fri clsd weekends and holidays) **GND CON** 127.25 335.5

RADIO AIDS TO NAVIGATION: NOTAM FILE PRC.

SILVERBOW (T) VORTAC 113.0 TQQ Chan 77 N37°47.42' W116°46.76' at fld. 5542/16E.

VOR unusable:

190°-200° byd 20 NM blo 13,000'

245°-255° byd 10 NM blo 15,000'

TACAN AZIMUTH unusable:

185°-220° byd 20 NM blo 12,000'

245°-255° byd 10 NM blo 15,000'

VOR No NOTAM MP: 1700-2000Z† Wed. TACAN No NOTAM MP: 1700-2000Z† Thu

DME unusable:

185°-220° byd 20 NM blo 12,000'

245°-255° byd 10 NM blo 15,000'

(L) VORTACW 117.2 TPH Chan 119 N38°01.84' W117°02.01' 122° 18.4 NM to fld. 5344/17E. NOTAM FILE TPH.

VOR unusable:

015°-050° byd 35 NM blo 10,800'

050°-060° byd 30 NM blo 9,500'

240°-260° byd 30 NM blo 10,600'

270°-315° byd 20 NM blo 8,600'

360°-015° byd 30 NM blo 10,800'

TACAN AZIMUTH unusable:

015°-050° byd 35 NM blo 10,800'

050°-060° byd 30 NM blo 9,500'

240°-260° byd 30 NM blo 10,600'

270°-315° byd 20 NM blo 8,600'

360°-015° byd 30 NM blo 10,800'

DME unusable:

015°-050° byd 35 NM blo 10,800'

050°-060° byd 30 NM blo 9,500'

240°-260° byd 30 NM blo 10,600'

270°-315° byd 20 NM blo 8,600'

360°-015° byd 30 NM blo 10,800'

ILS 108.3 I-RVP Rwy 14. Class IT. No NOTAM MP 1700-2000Z† Mon and Tues

ILS 111.7 I-UVV Rwy 32. Class IT. No NOTAM MP 1700-2000Z† Mon and Tues

WELLS MUNI/HARRIET FLD (LWL)(KLWL) 2 NE UTC-8(-7DT) N41°07.03' W114°55.33' **SALT LAKE CITY**
 5769 B NOTAM FILE RNO **H-3D, L-11C**

RWY 08-26: H5508X75 (ASPH) S-25 MIRL 1.1% up E
RWY 08: Rgt ttc.
RWY 01-19: 2681X140 (GRVL-DIRT) 0.9% up S
RWY 01: Bldg. Rgt ttc.
RWY 19: Hill.

SERVICE: FUEL 100LL, JET A **LGT**ACTIVATE MIRL Rwy 08-26—122.8.

AIRPORT REMARKS: Unattended. Ultralight activity on and invof arpt. Firefighting acct act on and invof arpt. Mountains N and S quads. Fone avbl lctd at hgr. Rwy 08-26 center 75' stressed for 25,000 lbs single wheel, remainder of 150' width is 11,500 lbs single wheel. Rwy 01-19 marked with +2 ft red/white panels 75 ft outside shoulder. Rwy 01-19 vegetation +3' full length call for conditions. Snow removal svcs during dalgt only except by prior arrangement call 775-777-7300. Use ctrn drg tkof and ldg-wind circulations and thermals in the area.

AIRPORT MANAGER: 775-752-3355

COMMUNICATIONS: CTAF/UNICOM 122.8

RCO 122.1R 114.2T (RENO RADIO)

RADIO AIDS TO NAVIGATION: NOTAM FILE EKO.

BULLION (L) VORW/DME 114.5 BQU Chan 92 N40°45.58' W115°45.68' 043° 43.8 NM to fld. 6467/17E.
 VOR unusable:
 088°-110° byd 20 NM blo 12,900'
 111°-130° byd 32 NM blo 12,900'

DME unusable:
 088°-110° byd 20 NM
 111°-130° byd 32 NM

(L) VOR 114.2 LWL N41°08.69' W114°58.65' 106° 3.0 NM to fld. 5888/17E. NOTAM FILE RNO.
 VOR unusable:
 060°-070° byd 20 NM blo 12,000'
 115°-125° byd 20 NM blo 13,000'
 180°-215° byd 10 NM
 330°-350° byd 15 NM blo 13,000'
 350°-040° byd 25 NM blo 12,000'

WILSON CREEK N38°15.01' W114°23.65' NOTAM FILE RNO. **LAS VEGAS**
(H) VORTAC 116.3 ILC Chan 110 167° 27.8 NM to Lincoln Co. 9318/16E. **H-3D, L-9B**

RCO 122.1R 116.3T (RENO RADIO)

WINNEMUCCA MUNI (WMC)(KWMC) 5 SW UTC-8(-7DT) N40°53.80' W117°48.35'
4308 B TPA-5108(800) NOTAM FILE WMC
RWY 14-32: H7000X100 (ASPH) S-75, D-125, 2S-159, 2D-200

KLAMATH FALLS
H-3C, L-11B
IAP, AD

MIRL
RWY 14: REIL. PAPI(P2L)—GA 3.0° TCH 40'. P-line.
RWY 32: REIL. PAPI(P2L)—GA 3.0° TCH 40'.
RWY 02-20: H4800X75 (ASPH) S-28 MIRL
RWY 20: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Road.
SERVICE: FUEL 100LL, JET A OX 3, 4 LGT MIRL Rwy 14-32 preset
low ints, to increase ints ACTIVATE—CTAF.

AIRPORT REMARKS: Attended Nov-May 1600-0100Z†, Jun-Oct Mon-Fri
1500-0200Z†. After hrs call 775-304-5885. Call FBO for current
rwy conditions in winter months. Mountains in SW quadrant. Full
strength pavement areas include N 1000' of parallel twy (Rwy 14-32
to Twy A), W 1000' of Twy A, 600' of N/S twy (from Twy A). Cold
temperature rstd arpt. Altitude correction required at or blo -22C.

AIRPORT MANAGER: 775-623-6333

WEATHER DATA SOURCES: ASOS 120.175 (775) 625-2200.

COMMUNICATIONS: CTAF/UNICOM 122.8

RCO 122.3 (RENO RADIO)

SALT LAKE CENTER APP/DEP CON 132.25

RADIO AIDS TO NAVIGATION: NOTAM FILE WMC.

(T) VOR/DME 108.2 INA Chan 19 N40°53.96' W117°48.73'

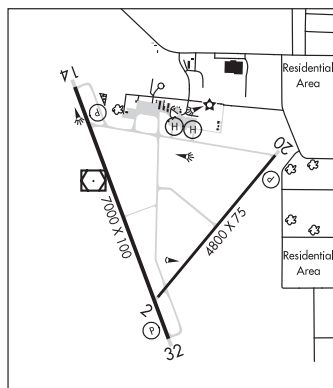
VOR/DME unusable:

050°-110° byd 15 NM blo 11,300'

110°-130° byd 20 NM blo 10,800'

150°-190° byd 15 NM blo 10,200'

190°-210° byd 20 NM blo 11,800'



at fld. 4302/16E. VOR/DME unmonitored.

HELIPAD H1: H25X25 (CONC-NONE)

HELIPAD H2: H25X25 (CONC-NONE)

HELIPORT REMARKS: H1 adjacent to apron parking and Twy A. H2 adjacent to apron parking and Twy A.

YERINGTON MUNI (O43) 1 N UTC-8(-7DT) N39°00.33' W119°09.39'
4382 B TPA-5182(800) NOTAM FILE RNO
RWY 01-19: H5814X75 (ASPH) S-24, D-32 MIRL

SAN FRANCISCO
H-3C, L-9A

RWY 01: PAPI(P2L)—GA 3.0° TCH 40'. Antenna.
RWY 19: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Trees.
SERVICE: FUEL 100LL LGT Rwy 19 REIL OTS indef. ACTIVATE MIRL
Rwy 01-19—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1500-0200Z†, Sat-Sun irregularly.
Parl twy in poor cond with lrg 2-4" cracks. Rwy has many lrg partially
filled cracks 2-4".

AIRPORT MANAGER: 775-463-3511

COMMUNICATIONS: CTAF/AUNICOM 122.8

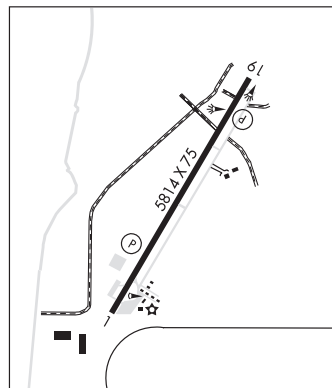
RADIO AIDS TO NAVIGATION: NOTAM FILE RNO.

HAZEN (L) VORTAC 114.1 HZN Chan 88 N39°30.98'

W118°59.86' 177° 31.5 NM to fld. 4085/17E.

VOR portion unusable:

300°-320° byd 30 NM blo 9,500'



ALAMOGORDO—WHITE SANDS RGNL (ALM)(KALM) 4 SW UTC-7(-6DT) N32°50.37' W105°59.47'

ALBUQUERQUE
H-4L, L-6F
IAP

4200 B NOTAM FILE ALM

RWY 04-22: H9207X150 (ASPH-PFC) S-54, D-74, 2S-94, 2D-120
PCN 48 F/B/X/T MIRL

RWY 04: REIL. PAPI(P4R)—GA 3.0° TCH 55'. Rgt tfc. 0.8% up.

RWY 22: REIL. VASI(V2L)—GA 3.0° TCH 40'. 0.8% down.

RWY 17-35: 3257X190 (DIRT) MIRL 0.6% up N

RWY 17: Brush.

RWY 35: Brush. Rgt tfc.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 04: TORA-9207 TODA-9207 ASDA-9207 LDA-9207

RWY 22: TORA-9207 TODA-9207 ASDA-9207 LDA-9207

SERVICE: S4 FUEL 100LL, JET A1+ OX 1 LGT MIRL Rwy 04-22 preset med ints. Incr ints and ACTIVATE PAPI Rwy 04, VASI Rwy 22—CTAF.

AIRPORT REMARKS: Attended 1400-0000Z†. For acft svc after hrs call 575-437-2474, 575-430-8963 or 575-414-0678. Unmanned aerial vehicle activity and mil ops invof arpt. 8000' mountains 4 NM east of arpt. Use Rwy 22 when winds less than 5 kt. Ultralight and glider activity on and invof arpt. VFR fits btn El Paso and Alamogordo-White Sands follow Hwy 54 and remain west of Hwy 54 and rr tracks remaining clear of rstd airspace. Rwy 17-35 not avbl to acft dur wet cond, call ahead for cond 575-551-6245. Holloman rapcon IFR standby svc avbl on 60 min recall 575-572-7575.

AIRPORT MANAGER: 575-439-4110

WEATHER DATA SOURCES: AWOS-3 127.825 (575) 439-4112.

COMMUNICATIONS: CTAF/UNICOM 122.8

RCO 122.15 (ALBUQUERQUE RADIO)

® **HOLLOMAN APP CON** 120.6 (Mon 0900Z† thru Fri 0100Z†, Clsd Sat, Sun and holidays)

® **HOLLOMAN DEP CON** 128.1 (Mon 0900Z† thru Fri 0100Z†, Clsd Sat, Sun and holidays)

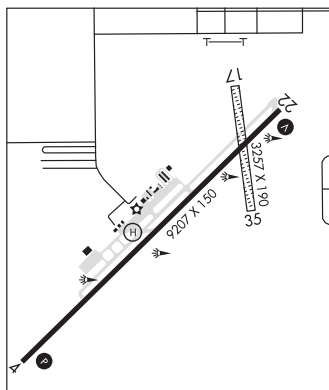
ALBUQUERQUE CENTER APP/DEP CON 132.65 257.6 (When Holloman apch control clsd) 24 hrs Sat, Sun and Holidays.

RADIO AIDS TO NAVIGATION: NOTAM FILE ALM.

BOLES (L) VOR/DME 109.6 BWS Chan 33 N32°49.28' W106°00.79' 038° 1.6 NM to fld. 4106/8E.

VOR/DME unusable:

068°-103° byd 15 NM



ALBUQUERQUE

ALBUQUERQUE INTL SUNPORT (ABQ)(KABQ) P (AF ANG DOE USFS) 3 SE UTC-7(-6DT)

ALBUQUERQUE
H-4L, L-8I
IAP AD

N35°02.34' W106°36.50'

5355 B LRA ARFF Index—See Remarks NOTAM FILE ABQ

RWY 08-26: H13793X150 (CONC-GRVD) S-100, D-210, 2S-175,
2D-360, 2D/2D2-720 HIRL CLRWY 08: MALS.R TDZL. VASI(V6L)—GA 2.95° TCH 54'. RVR-T Thld
dsplcd 1000'. Rgt tfc.

RWY 26: REIL. PAPI(P4L)—GA 3.0° TCH 83'. RVR-R 0.5% down.

RWY 03-21: H10000X150 (CONC-GRVD) S-100, D-210, 2S-175,
2D-360, 2D/2D2-720 HIRL CL

RWY 03: MALS.R TDZL. PAPI(P4L)—GA 3.0° TCH 59'. RVR-T Rgt tfc.

RWY 21: REIL. PAPI(P4L). RVR-R

RWY 12-30: H6000X150 (CONC-GRVD) S-65, D-120, 2S-155,
2D-155 MIRL

RWY 12: Rgt tfc.

RWY 30: REIL. PAPI(P4L)—GA 3.0° TCH 40'.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 03: TORA-10000 TODA-10000 ASDA-10000 LDA-10000

RWY 08: TORA-13793 TODA-13793 ASDA-13793 LDA-12793

RWY 12: TORA-6000 TODA-6000 ASDA-6000 LDA-6000

RWY 21: TORA-10000 TODA-10000 ASDA-10000 LDA-10000

RWY 26: TORA-13793 TODA-13793 ASDA-13793 LDA-13793

RWY 30: TORA-6000 TODA-6000 ASDA-6000 LDA-6000

SERVICE: S4 FUEL 100LL, JET A, A1, A1+ OX 1, 2, 3, 4 LGT PAPI Rwy 26 does not provide obstacle clearance byd 3.5
NM from thld, unusable byd 3.5 NM.

AIRPORT REMARKS: Attended continuously. Bird haz Oct-Dec, and Mar-May. Heavy student helicopter tfc, cti firing area south of arpt. Dep on Rwy 03 are rstcd and rqr prior coord. Rwy 08-26, Rwy 03-21 and Rwy 12-30 grvd 130' wide. Use extreme care taxiing north on Twy E-1 to Rwy 08, holding position for Rwy 08-26 co-lctd with Rwy 12-30 holding position prior to Rwy 12 thld. Ramp north of Rwy 08-26 clsd to helicopters and general aviation acct. Class I, ARFF Index C. ARFF protection provided by USAF. Fighter acct depart south only. Air carrier gnd handling not avbl btn the hrs of 0800-1130Z†. Twy D north of Twy B clsd indef. Twy H mil use only. Wx forecast svc avbl Nov-Mar 1200-0400Z†, and Mar-Nov 1100-0300Z† clsd weekend and hol. DSN 246-9707, C505-846-9707. Remote and trans aircrew wx brief call 250WS Davis Monthan AFB, DSN 228-6598. Flight Notification Service (ADCUS) available. NOTE: See Special Notices—Continuous Power Facilities.

AIRPORT MANAGER: 505-244-7778

WEATHER DATA SOURCES: ASOS (505) 242-4044 HIWAS 113.2 ABQ. LLWAS. WSP

COMMUNICATIONS: D-ATIS 118.0 505-856-4928 UNICOM 122.95

RCO 122.55 (ALBUQUERQUE RADIO)

Ⓡ APP CON 123.9 (S of V12) 127.4 (on or N of V12) 126.3

Ⓡ DEP CON 127.4 (on or N of V12) 123.9 (S of V12)

TOWER 120.3 123.775 GND CON 121.9 CLNC DEL 119.2

CPDLC (LOGON KUSA)

AIRSPACE: CLASS C svc ctc APP CON

VOR TEST FACILITY (VOT) 111.0

RADIO AIDS TO NAVIGATION: NOTAM FILE ABQ.

(H) VORTACW 113.2 ABQ Chan 79 N35°02.63' W106°48.98' 079° 10.3 NM to fld. 5749/13E. HIWAS.

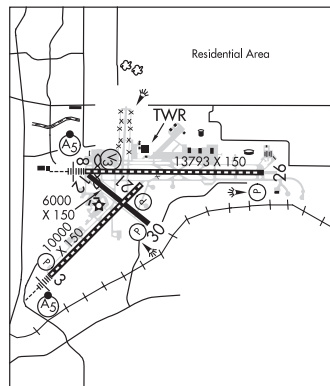
TACAN AZIMUTH unusable:

040°-055° byd 30 NM blo 15,000'

ILS 111.5 I-BZY Rwy 03. Class IE.

ILS/DME 111.9 I-SPT Chan 56 Rwy 08. Class IE.

ASR



DOUBLE EAGLE II (AEG)(KAEG) 7 NW UTC-7(-6DT) N35°08.71' W106°47.71'

5837 B NOTAM FILE AEG

ALBUQUERQUE

H-4K, L-8I

IAP, AD

RWY 04-22: H7398X100 (ASPH-PFC) S-30 PCN 16 F/C/X/T MIRL

0.4% up SW

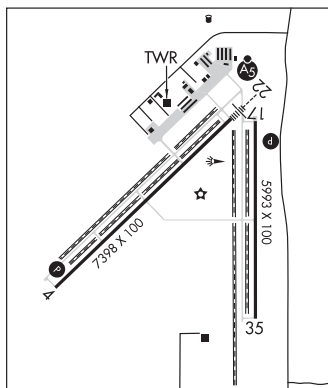
RWY 04: PAPI(P4L)—GA 3.0° TCH 52'.**RWY 22:** MALSR. Rgt tfc.**RWY 17-35:** H5993X100 (ASPH-PFC) S-30 PCN 11 F/D/X/T MIRL**RWY 17:** REIL. PAPI(P4L)—GA 3.0° TCH 52'.**RWY 35:** REIL. Rgt tfc.**SERVICE:** S4 FUEL 100LL, JET A, A1 OX 3 LGT When twr clsd
ACTIVATE MIRL Rwy 04-22 and Rwy 17-35, REIL Rwy 17 and Rwy 35, MALSR Rwy 22, PAPI Rwy 04 and Rwy 17—120.15.**AIRPORT REMARKS:** Attended 1300-0100Z†. 100LL avbl 24 hrs self svc with major credit card. For attendant after hrs call 505-884-4530. Wildlife on and in/ovf arpt. Live fire range 1.6 NM west of the AER 04. Avoidance advised. Twy A clsd between Twy A1 and Twy B 0500-1300Z†. Twy B1 and Twy B between main ramp and Twy B2 clsd 0500-1300Z†.**AIRPORT MANAGER:** 505-244-7888**WEATHER DATA SOURCES:** AWOS-3PT 119.025 (505) 842-2009.**COMMUNICATIONS:** CTAF 120.15

② ALBUQUERQUE APP/DEP CON 127.4

TOWER 120.15 (1300-0500Z†) **GND CON** 121.625**CLNC DEL** 124.8 (when twr clsd)**AIRSPACE:** CLASS D svc airport 1300-0500Z† other times CLASS G.**RADIO AIDS TO NAVIGATION:** NOTAM FILE ABQ.**ALBUQUERQUE (H) VORTACW** 113.2 ABQ Chan 79 N35°02.63' W106°48.98' 357° 6.2 NM to fld. 5749/13E.**HIWAS.**

TACAN AZIMUTH unusable:

040°-055° byd 30 NM blo 15,000'

DUDLE NDB (LOMW) 351 AE N35°13.04' W106°42.77' 212° 5.9 NM to fld. 5455/11E. NOTAM FILE AEG.**ILS** 110.1 I-AEG Rwy 22. Class IT. LOM DUDLE NDB. Unmonitored when ATCT clsd. LOM unmonitored.**ALEXANDER MUNI** (See BELEN on page 332)**ANDREW OTHOLE MEM** (See ZUNI on page 360)**ANGEL FIRE** (AXX)(KAXX) 1 N UTC-7(-6DT) N36°25.32' W105°17.39'

8380 B NOTAM FILE ABQ

DENVER

H-4L, 6F, L-8J

IAP

RWY 17-35: H8900X100 (ASPH) S-30, D-45 PCN 37 F/C/X/T MIRL**RWY 17:** PVASI(PSIL). Ground. 0.6% up.**RWY 35:** Road.**SERVICE:** FUEL 100LL, JET A+ LGT ACTIVATE MIRL Rwy 17-35 & PSIL—CTAF. ACTIVATE rotg bcn—CTAF.**AIRPORT REMARKS:** Unattended. Fuel 24 hr. Self serve 100LL, Jet A+ with major credit card. Arpt located in mountain valley, rising terrain in all directions. Strong gusty crosswinds possible. High density altitude probable. Deer and elk in/ovf arpt. 6-8 inch drop offs west side of rwy and thld of Rwy 17. Avoid overflight of Taos Pueblo World Heritage site west of arpt. Cold temperature rstd arpt. Alt correction required at or blo -22C.**AIRPORT MANAGER:** (575) 377-3171**WEATHER DATA SOURCES:** AWOS-3 118.025 (575) 377-0526.**COMMUNICATIONS:** CTAF/UNICOM 122.8**ALBUQUERQUE CENTER APP/DEP CON** 132.8**RADIO AIDS TO NAVIGATION:** NOTAM FILE SKX.**TAOS (L) VORTAC** 117.6 TAS Chan 123 N36°36.53' W105°54.38' 097° 31.8 NM to fld. 7860/13E.

DME portion unusable:

020°-100° byd 30 NM blo 18,000'

260°-330° byd 30 NM blo 17,000'

ANTON CHICO N35°06.70' W105°02.40' NOTAM FILE ABQ.

ALBUQUERQUE

H-4L, 6F, L-8J

(H) VORTAC 117.8 ACH Chan 125 106° 22.2 NM to Santa Rosa Route 66. 5450/12E.

TACAN AZIMUTH unusable:

Wi 20 NM blo 20,000'

RCO 122.1R 117.8T (ALBUQUERQUE RADIO)

APACHE CREEK

JEWETT MESA (I3Q) 10 N UTC-7(-6DT) N34°00.26' W108°40.79'

ALBUQUERQUE

7681 NOTAM FILE ABQ

RWY 06-24: 5200X45 (DIRT) 1.2% up NE

RWY 06: P-line.

RWY 24: Fence.

AIRPORT REMARKS: Unattended. Arpt open May-Sep; other times CLOSED. Arpt CLOSED during winter months; confirm rwy condition prior to ldg call 1-800-538-1644 (dispatch office). Wildlife and livestock on rwy. Rwy 06-24 recommend visual inspection before using, infrequent maintenance and poor condition. Rwy 06-24 very large rocks 30' to 45' from rwy centerline both sides entire length. Rwy 06 marked with tires on +4 ft posts 28 ft left and 33 ft right of centerline. Rwy 24 marked with single tires 30 ft left and right of centerline. Rwy 06-24 southern most 1,000 ft of rwy is rough. Rwy 06-24 farm access road crosses rwy near entrance road.

AIRPORT MANAGER: (575) 740-4067

COMMUNICATIONS: CTAF 122.9

ARTESIA MUNI (ATS)(KATS) 3 W UTC-7(-6DT) N32°51.12' W104°28.06'

ALBUQUERQUE

3545 B NOTAM FILE ATS

H-6F, L-6G

RWY 03-21: H6800X150 (ASPH-PFC) S-40, D-57 PCN 17 F/C/Y/T

IAP

MIRL 0.4% up SW

RWY 03: Thld dsplcd 499'. P-line.

RWY 21: PVASI(PSIL)—GA 3.0° TCH 25'. Road.

RWY 13-31: H6132X150 (ASPH-PFC) S-40, D-57 PCN 17 F/C/Y/T

MIRL

RWY 13: VASI(V4L)—GA 3.0° TCH 40'. Brush.

RWY 31: VASI(V4L)—GA 3.0° TCH 40'.

SERVICE: FUEL 100LL, JET A1 LGT ACTIVATE MIRL Rwy 03-21 and Rwy 13-31—CTAF.

AIRPORT REMARKS: Attended 1400-0000Z except major holidays. Fuel on call after hrs call 575-748-3206. Fee charged. Emerg actv repair avbl. Customs apron located on East side of terminal ramp. Rwy 03 numbers and centerline markings faded and missing.

AIRPORT MANAGER: 575-748-3206

WEATHER DATA SOURCES: AWOS-3 126.725 (575) 748-2103.

COMMUNICATIONS: CTAF/UNICOM 123.075

Ⓡ ROSWELL APP/DEP CON 119.6 (1300-0400Z‡)

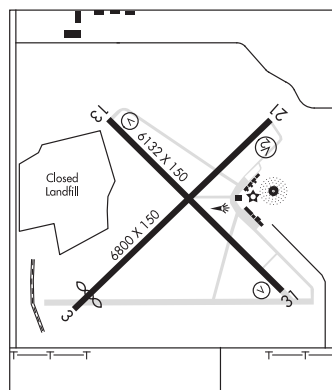
Ⓡ ALBUQUERQUE CENTER APP/DEP CON 132.65 (0400-1300Z‡)

RADIO AIDS TO NAVIGATION: NOTAM FILE ROW.

CHISUM (H) VORTACW 116.1 CME Chan 108 N33°20.25' W104°37.27' 153° 30.1 NM to fld. 3772/12E.

HIWAS.

NDB (MHW) 414 ATS N32°51.16' W104°27.63' at fld. 3504/9E. NOTAM FILE ATS.



AZTEC MUNI (N19) 2 NW UTC-7(-6DT) N36°50.22' W108°01.72'

DENVER

5882 B NOTAM FILE ABQ

L-8I

RWY 08-26: H4314X60 (ASPH) S-10 PCN 4 F/C/Y/T

RWY 08: ODALS (NSTD) REIL. APAP(PNIL)—GA 3.5° TCH 30'. Thld dsplcd 266'.

RWY 26: ODALS (NSTD) REIL. PVASI(PSIL)—GA 3.0° TCH 20'. Thld dsplcd 215'.

SERVICE: FUEL 100LL, MOGAS LGT Rwy 08 NSTD ODALS one on each side of rwy. Rwy 26 NSTD ODALS-2 omni strobes on each side, 1 omni strobe on centerline 15' from end of rwy. Rotating bcn oprs dusk-0700Z‡. Rwy 08-26 ACTIVATE ODALS Rwy 08 and REIL Rwy 26—CTAF.

AIRPORT REMARKS: Unattended. Emergency call police dispatch 505-334-6622. Gate access code is # 1987. Fully automated 100LL fueling system. Rwy 26 preferred for ngt ops. Arpt located atop Mesa, ground drops approximately 60-180' beyond rwy ends. No line of sight between the ends of Rwy 08-26. Rwy 08-26 edge retro-reflective reflectors. Rwy 04-22 +4' fence 60' left of centerline 1000' from thld of Rwy 04. Rwy 08-26 +4' fence 105' from rwy centerline scattered locations along rwy both sides. Rwy 04; +12 ft hangar 90 ft east of centerline near mid-point.

AIRPORT MANAGER: (505) 334-7688

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE FMN.

RATTLESNAKE (H) VORTACW 115.3 RSK Chan 100 N36°44.90' W108°05.93' 019° 6.3 NM to fld. 5823/14E.

HIWAS.

BELEN**ALEXANDER MUNI** (E80) 3 W UTC-7(-6DT) N34°38.75' W106°50.18'

5200 B NOTAM FILE ABQ

RWY 03-21: H6601X60 (ASPH) S-12.5 PCN 3 F/D/Y/T MIRL

0.3% up SW

RWY 03: Fence.**RWY 21:** PVASI(PSIL)—GA 3.0° TCH 50'. Rgt tfc.**RWY 13-31:** H5280X75 (ASPH) 0.4% up NW**RWY 13:** Rgt tfc.**SERVICE:** S4 **FUEL** 100LL, JET A1+ **LGT** ACTIVATE MIRL Rwy 03-21 and PVASI Rwy 21—CTAF.**AIRPORT REMARKS:** Attended 1500-2300Z†. Parachute Jumping. Fuel avbl Mon-Fri 1500-2300Z†. Rwy 13-31 clsd to acft more than 160,000 lbs. Frequent military training conducted day and night. Acft radio required.**AIRPORT MANAGER:** 505-966-2650**WEATHER DATA SOURCES:** AWOS-3PT 118.55 (505) 966-2655.**COMMUNICATIONS:** CTAF/UNICOM 122.8

® ALBUQUERQUE APP/DEP CON 123.9

RADIO AIDS TO NAVIGATION: NOTAM FILE ABQ.**SOCORRO (H) VORTAC** 116.8 ONM Chan 115 N34°20.33' W106°49.23' 345° 18.4 NM to fld. 4910/13E.

VOR unusable:

070°-079° byd 34 NM blo 14,000'

080°-170° byd 8 NM

270°-285° byd 36 NM blo 14,000'

TAC AZM unusable:

070°-080° byd 8 NM

270°-285° byd 22 NM

DME unusable:

070°-080° byd 27 NM blo 14,000'

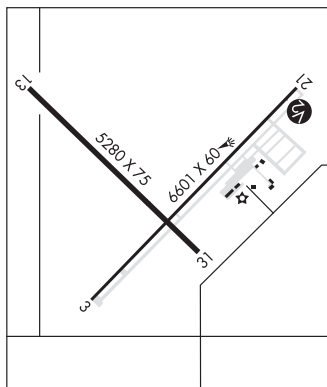
080°-170° byd 8 NM

270°-285° byd 22 NM

ALBUQUERQUE

H-4K, L-8I

IAP

**BOLES** N32°49.28' W106°00.79' NOTAM FILE ALM.(L) **VOR/DME** 109.6 BWS Chan 33 038° 1.6 NM to Alamogordo-White Sands Rgnl. 4106/8E.

VOR/DME unusable:

068°-103° byd 15 NM

ALBUQUERQUE

L-6F

CANNON AFB (CVS)(KCVS) AF 5 W UTC-7(-6DT) N34°22.97' W103°19.33'

ALBUQUERQUE

4295 B TPA—See Remarks NOTAM FILE CVS Not insp.

H-66, L-66

RWY 04-22: H10003X150 (CONC) PCN 56 R/B/W/T HIRL

DIAP AD

RWY 04: ALSF1. REIL. PAPI(P4L)—GA 2.5° TCH 41'. RVR-T

RWY 22: ALSF1. REIL. PAPI(P4L)—GA 3.0° TCH 38'. RVR-T

RWY 13-31: H8196X150 (PEM) PCN 46 R/B/W/T HIRL

RWY 13: SSALR. REIL. PAPI(P4L)—GA 3.0° TCH 37'.

RWY 31: SSALR. REIL. PAPI(P4L)—GA 3.0° TCH 41'.

SERVICE: S4 **FUEL** JET A, A++ **LGT** Gated thld lgt on all rwy. Rwy 04-22 and Rwy 13-31 ILS GS/RPI and PAPI GS/RRP not coincidental. **MILITARY—** JASU (A/M32A-86) **FUEL** A++ **FLUID** SP PRESAIR RPOX LOX OIL JOAP. Oil svc unavbl for MIL-7808 oil. **TRAN ALERT** Avbl 1400-0600Z‡ Mon-Fri, 1300-2100Z‡ Sat-Sun.

MILITARY REMARKS: Attended continuously. Aerodrome official business first Fri of the month. **RSTD** No less than 24 hr prior and no more than 15 days prior, ctc DSN 681-2801, C575-784-2801, fax extn 4658. Departing acft rstd to 5300' until passing departure end of rwy. All holding apron taxi lines rstd to acft with wheel base of more than 14". Twy B rstd to C130 with wgt of 147,000 lbs or less. **CAUTION** Clovis Muni 13 NM northeast. Portales Muni 14 NM south-southwest. Bird haz sewage lagoon and lake lctd 1/2 NM southeast of Rwy 22 apch end. BASH Phase II in effect 15 Aug-31 Oct and 1 Apr-31 May. Mil NVD ops may be conducted invof afld anytime btn SS and SR. Vehicle t/c on road (15' AGL), aprx 1200' from AER 13. Aprx 20' AGL AG irrigation eqpt lctd aprx 2000' from Rwy 13-31 apch ends. Potential exists for hydroplaning on Rwy 13-31 asph interior portion. UAS acft within 6 NM of Cannon AFB 9000' and blo, within Class D airspace and between Class D airspace and R5104. For all rwy exp 30-45 min rwy suspension after heavy acft arr/dep due to Foreign Object Damage on rwy. Twy edge lgts 15' from marked, stressed pavement on Twy D at int of Twy R. Reduced wingtip clnc for C130 acft in parking row Delta-India (24') and parking rows Lima-Papa (15'). Warning, loaded acft parked in proximity of AER 31. Afld blackout ops every Mon 0200-0400Z‡. North-2 apron rstd to NVD pers/veh only. All non-participating acft exp delays. Rwy 04-22 shoulders have pavement distresses and failures along both sides, entire length of rwy. No paved shoulders for Rwy 13-31. 1 inch to 5 inch vert edge along both sides, entire length of rwy. All afld signs to incl mandatory, direc, and lctn signs are faded. All afld mrk faded-loss of retro-reflectivity—with some paint chipping. Deceptive shoulder markings not accurately painted on commando ramp btn hangars and taxilane delta.

TFC PAT TPA VFR jet rectangular 5800(1505), tran jet overhead 5800(1505). **CSTMS/AG/IMG** Customs svc unavbl. **MISC** WX briefing for tran aircrew byd normal opr hr avbl via 25 OW5 at DAVIS MONTHAN AFB DSN 228-6598/6599/6588 C520-228-6598/6599. Afld WX obsn sent by AN/FMQ19 automated obsn sys augmented by human observer dur pending/occurring svc wx and equipment outages. Obsn site ltd 240°-020° due bldgs, ngt obsn ltd due high ints ramp lgt. Wx station opr 24 hr with possible sby hr weekends based on lcl flying scheduled. The 1st 1200' Rwy 13-31 conc, mid 5800' asph conc. 1st 1200' Rwy 13 has rough conc. Fire fighting capability ltd to Cat 8 and 10 acft. Recommend units ask for current capability when req PPRs. Classified storage for tran aircrew unavbl at afld management ops. Ctc cmd post for storage. DV grade 0-6 and abv or civ equivalent and rotators ctc afld mgt via PTD 372.2 and command post UHF when 100 NM out with ETA and DV req.

AIRPORT MANAGER: 575-784-2801

COMMUNICATIONS: SFA ATIS 119.1 269.9 (Mon-Thu 1600-0800Z‡, Fri-Sat 1600-0001Z‡, clsd Sun and hol) **PTD** 139.3 372.2

Ⓡ **APP CON** 118.425 352.1

TOWER 120.4 270.25. **GNC CON** 121.9 275.8.

CLNC DEL 120.2 293.225.

Ⓡ **DEP CON** 118.425 307.175

COMD POST (TRAILBOSS) 311.0 11175 (11175 24 hr primary HF. Have Quick timing avbl. SATCOM channel is 179)

PMSV METRO 343.1 (Alternate PMSV is Dyess AFB, 383.25)

AIRSPACE: CLASS D svc continuous.

RADIO AIDS TO NAVIGATION: NOTAM FILE CVS.

(L) **TACAN** Chan 53 CVS (111.6) N34°22.84' W103°19.35' at fld. 4305/7E. TACAN unmonitored outside of published opr hrs & when radar facility is not manned.

TACAN transmitter revised to "dual"

No NOTAM MP: 0900-1330Z‡ Tue

TACAN unusable:

060°-185° byd 13 NM blo 9,000'

060°-185° byd 30 NM

126°-185° byd 8 NM blo 6,000'

315°-020° byd 20 NM blo 6,900'

ILS 108.5 I-GLO Rwy 04. No NOTAM MP: 0900-1330Z‡ Wed. LOC unusable byd 26° right of course

ILS 110.35 I-OVI Rwy 13. No NOTAM MP: 0900-1330Z‡ Mon. Glideslope critical area unprotected; possible interference.

ILS 111.7 I-CVS Rwy 22. Class IE. No NOTAM MP: 0900-1330Z‡ Mon.

ILS 108.3 I-BNN Rwy 31. Class IT. No NOTAM MP: 0900-1330Z‡ Wed.

COMM/NAV/WEATHER REMARKS: Radar see Terminal FLIP for Radar Minima.

CAPITAN N33°29.39' W105°24.26' NOTAM FILE SRR.

ALBUQUERQUE

NDB (MHW) 278 CEP 245° 6.5 NM to Sierra Blanca Rgnl. 6562/10E.

L-6F

NDB unusable:

Byd 25 NM blo 14,500'

CARLSBAD

CAVERN CITY AIR TRML (CNM)(KCNM) 5 SW UTC-7(-6DT) N32°20.25' W104°15.80'

ALBUQUERQUE
H-6F, L-6G
IAP

3295 B Class II, ARFF Index A NOTAM FILE CNM

RWY 03-21: H7854X150 (ASPH-PFC) S-62, D-88, 2S-112, 2D-140

PCN 20 F/D/X/T MIRL 0.6% up SW

RWY 03: MALSRL Road.

RWY 21: VASI(V4L)—GA 3.0° TCH 58'. Road.

RWY 14R-32L: H5837X100 (ASPH) S-30, D-45 PCN 9 F/D/X/T MIRL

RWY 14R: PAPI(P4L)—GA 3.0° TCH 56'. Road. Rgt t/c.

RWY 32L: PAPI(P4L)—GA 3.0° TCH 59'. Thld dsplcd 385'. Road.

RWY 08-26: H5334X75 (ASPH) S-19 PCN 9 F/C/Y/T MIRL

0.6% up W

RWY 08: Road.

RWY 26: Fence.

RWY 14L-32R: H4616X150 (ASPH) S-8, D-12.5 PCN 4 F/D/Y/T

RWY 32R: Thld dsplcd 615'. Road. Rgt t/c.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 03: TORA-7854 TODA-7854 ASDA-7854 LDA-7854

RWY 08: TORA-5334 TODA-5334 ASDA-5334 LDA-5334

RWY 14L: TORA-4615 TODA-4615 ASDA-4615 LDA-4615

RWY 14R: TORA-5837 TODA-5837 ASDA-5837 LDA-5837

RWY 21: TORA-7854 TODA-7854 ASDA-7854 LDA-7854

RWY 26: TORA-5334 TODA-5334 ASDA-5334 LDA-5334

RWY 32L: TORA-5837 TODA-5837 ASDA-5837 LDA-5452

RWY 32R: TORA-4615 TODA-4615 ASDA-4615 LDA-3999

SERVICE: FUEL 100LL, JET A1+ LGT MIRL Rwy 03-21, Rwy 08-26 and Rwy 14R-32L preset low ints, to increase ints and ACTIVATE MALSRL Rwy 03—CTAF.

AIRPORT REMARKS: Attended Mon-Sun 1200-0000Z. For fuel after hrs, Sat and Sun call 575-887-1500. 24 hrs PPR for air carrier ops with more than 30 passenger seats ctc arpt manager 575-887-3060. Rwy 14L-32R not avbl for air carrier ops. Oil derricks invof arpt. NOTE: See Special Notices—Natural Gas Flare.

AIRPORT MANAGER: 575-887-3060

WEATHER DATA SOURCES: ASOS 118.375 (575) 887-6858.

COMMUNICATIONS: CTAF/UNICOM 123.0

CARLSBAD RCO 122.65 (ALBUQUERQUE RADIO)

Ⓡ ALBUQUERQUE CENTER APP/DEP CON 135.875

AIRSPACE: CLASS E

RADIO AIDS TO NAVIGATION: NOTAM FILE CNM.

CARLSBAD (L) VORTACW 116.3 CNM Chan 110 N32°15.40' W104°13.56' 327° 5.2 NM to fld. 3257/12E.

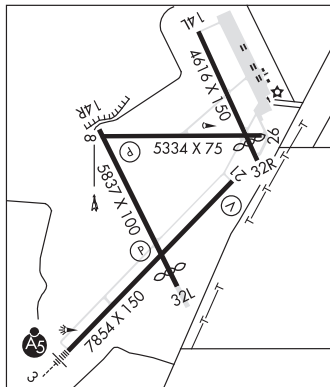
TACAN AZIMUTH & DME unusable:

300°-325° byd 9 NM blo 6,500'

CARLZ NDB (LOMW) 402 CV N32°16.01' W104°20.31' 032° 5.7 NM to fld. 3831/10E.

HISAN NDB (LOMW) 335 CV N34°21.04' W103°10.46' 196° 132.4 NM to fld. 4157/9E. NOTAM FILE ZAB.

ILS 111.9 I-CVD Rwy 03. Class IE. LOM CARLZ NDB. Unmonitored. LOM unmonitored.



CARRIZO MUNI (F37) 1 NW UTC-7(-6DT) N33°38.93' W105°53.77' ALBUQUERQUE
 5371 B NOTAM FILE ABQ L-6F

RWY 06-24: H4944X75 (ASPH) S-12 PCN 5 F/C/Y/T MIRL
RWY 06: REIL. PAPI(P2L)—GA 3.0° TCH 37'. Road.
RWY 24: REIL. PAPI(P2L)—GA 3.0° TCH 37'. Tree.
RWY 15-33: 2500X90 (DIRT) 1.2% up SE
RWY 15: Brush.
RWY 33: P-line.

SERVICE: S2 FUEL 100LL LGT ACTIVATE MIRL Rwy 06-24, PAPI Rwy 06 and Rwy 24, and REIL Rwy 06 and Rwy 24—CTAF.

AIRPORT REMARKS: Attended continuously. Wildlife on and in/ov arpt. Rwy 15-33 +2' metal thld markers 45' left and right, , 2-3' brush inside markers. Rwy 15 3' pole 120' from thld, 45' left of centerline, +2' brush from markers to fence left and right of centerline. Rwy 33 +2' brush from markers to 200' left and right of centerline. Rwy 15-33 boundary markers 72' left and right from centerline.

AIRPORT MANAGER: 575-648-5380

COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE ABQ.

SOCORRO (H) VORTAC 116.8 ONM Chan 115 N34°20.33' W106°49.23' 119° 61.9 NM to fld. 4910/13E.
 VOR unusable:
 070°-079° byd 34 NM blo 14,000'
 080°-170° byd 8 NM
 270°-285° byd 36 NM blo 14,000'

TAC AZM unusable:
 070°-080° byd 8 NM
 270°-285° byd 22 NM

DME unusable:
 070°-080° byd 27 NM blo 14,000'
 080°-170° byd 8 NM
 270°-285° byd 22 NM

CATRON CO HELIPORT (See QUEMADO on page 351)

CAVERN CITY AIR TRML (See CARLSBAD on page 334)

CHISUM N33°20.25' W104°37.27' NOTAM FILE ROW. ALBUQUERQUE
 (H) VORTACW 116.1 CME Chan 108 104° 5.1 NM to Roswell Intl Air Center. 3772/12E. HIWAS. H-6F, L-6G

CIMARRON HELIPORT (C12) 0 N UTC-7(-6DT) N36°30.76' W104°55.48' DENVER
 6460 B NOTAM FILE ABQ

HELIPAD H1: H65X65 (CONC) S-20 PERIMETER LGTS

HELIPORT REMARKS: Unattended. Elk on and in/ov heliport. Perform visual check of fenced area before ldg. 30' p-lines 240' west of H1 pad. +8' fence 200' northeast of pad and +38' tree 870' southwest of helipad. Heliport located west of high school track. Power lines run east west along North side of hwy aerial marker balls attached to power lines. H1 perimeter lgts.

AIRPORT MANAGER: 575-376-2232
COMMUNICATIONS: CTAF/UNICOM 122.8

CIMARRON N36°29.48' W104°52.32' NOTAM FILE RTN. DENVER
 (H) VORTAC 116.4 CIM Chan 111 037° 23.4 NM to Raton Muni/Crews Fld. 6550/13E. HIWAS. H-4L, 6F, L-15A

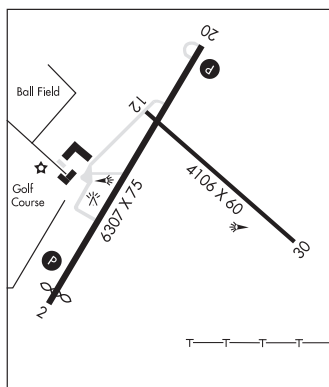
VORTAC unusable:
 230°-290° byd 20 NM blo 18,000'
 340°-010° byd 34 NM blo 11,000'

RCD 122.1R 116.4T (ALBUQUERQUE RADIO)

CLAYTON MUNI ARPK (CAO)(KCAO) 2 E UTC-7(-6DT) N36°26.78' W103°09.00'
4970 B NOTAM FILE CAO

WICHITA
H-6G, L-15A
IAP

RWY 02-20: H6307X75 (ASPH) S-16.5 PCN 6 F/C/Y/T MIRL
RWY 02: PAPI(P2L)—GA 3.05° TCH 49'. Thld displcd 380'.
RWY 20: PAPI(P2L)—GA 3.05° TCH 49'.
RWY 12-30: H4106X60 (ASPH) PCN 5 F/D/Y/T MIRL 0.5% up NW
SERVICE: FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 02-20, PAPI Rwy 02 and Rwy 20.
AIRPORT REMARKS: Attended Jun-Aug 1500-0300Z†, Sep-May 1500-0000Z†. Reflectors on all twys.
AIRPORT MANAGER: 575-374-9873
WEATHER DATA SOURCES: ASOS 120.625 (575) 374-2565.
COMMUNICATIONS: CTAF/UNICOM 122.8
ALBUQUERQUE CENTER APP/DEP CON 127.85
RADIO AIDS TO NAVIGATION: NOTAM FILE DHT.
DALHART (L) VORTACW 112.0 DHT Chan 57 N36°05.49' W102°32.68' 294° 36.3 NM to fld. 4020/12E. HIWAS.



CLINES CORNERS CQC N35°00.00' W105°40.00'/7102
ASOS (575) 472-4551

ALBUQUERQUE

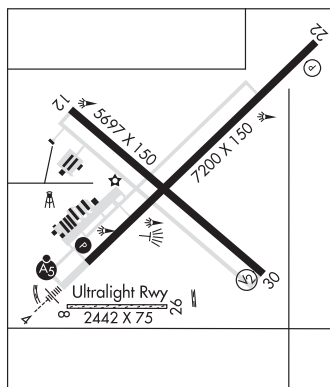
CLINES CORNERS N35°00.20' W105°39.73'
RCO 122.3 (ALBUQUERQUE RADIO)

ALBUQUERQUE
L-8J

CLOVIS MUNI (CVN)(KCVN) 6 E UTC-7(-6DT) N34°25.60' W103°04.65'
4216 B TPA-5016(800) Class III, ARFF Index A NOTAM FILE CVN

ALBUQUERQUE
H-6G, L-6H
IAP

RWY 04-22: H7200X150 (ASPH-AFSC) S-45, D-57 PCN 17 F/C/X/T
MIRL 0.3% up NE
RWY 04: MALSR. PAPI(P4L)—GA 3.0° TCH 53'. Road.
RWY 22: PAPI(P4L)—GA 3.0° TCH 47'. Road.
RWY 12-30: H5697X150 (ASPH) S-42, D-50 MIRL 0.5% up NW
RWY 12: REIL. Road.
RWY 30: REIL. PVASI(P5IL)—GA 3.0° TCH 75'. Road.
RWY 08-26: 2442X75 (TURF) PCN 3 F/D/X/T
RWY 08: P-line.
SERVICE: S4 FUEL 100LL, JET A LGT Rwy 12 REIL OTS indef. Rwy 30 REIL OTS indef. PAPI Rwy 04 unusable byd 7° rgt of centerline. ACTIVATE PAPI and MALSR Rwy 04—CTAF. MIRL Rwy 04-22 preset low ints dusk-dawn. MIRL Rwy 12-30 preset low ints Mon-Thu dusk-0530Z† and Fri-Sun dusk-0700Z†, to increase ints Rwy 04-22 and ACTIVATE MIRL Rwy 12-30—CTAF.
AIRPORT REMARKS: Attended 1500-0030Z†. After hrs fuel call 505-400-9605. Heavy jet tfc Cannon AFB 13 NM SW. Extensive AG acft activity on and in/ov arprt. Rwy 22 preferred rwy for calm wind.
AIRPORT MANAGER: (480) 432-6646
WEATHER DATA SOURCES: AWOS-3PT 135.375 (575) 389-1056.
COMMUNICATIONS: CTAF/UNICOM 122.8
RCO 122.5 (ALBUQUERQUE RADIO)



RADIO AIDS TO NAVIGATION: NOTAM FILE FTW.

TEXICO (H) VORTACW 112.2 TXO Chan 59 N34°29.71' W102°50.38' 240° 12.5 NM to fld. 4060/11E.
CARLZ NDB (LOMW) 402 CV N32°16.01' W104°20.31' 016° 144.0 NM to fld. 3831/10E. NOTAM FILE CNM.
HISAN NDB (LOMW) 335 CV N34°21.04' W103°10.46' 038° 6.6 NM to fld. 4157/9E. NOTAM FILE ZAB.
ILS 108.9 I-CVN Rwy 04. Class IE. LOM HISAN NDB. ILS and LOM unmonitored.

① CANNON APP/DEP CON 118.425
CLNC DEL 119.0

RADIO AIDS TO NAVIGATION: NOTAM FILE FTW.

TEXICO (H) VORTACW 112.2 TXO Chan 59 N34°29.71' W102°50.38' 240° 12.5 NM to fld. 4060/11E.
CARLZ NDB (LOMW) 402 CV N32°16.01' W104°20.31' 016° 144.0 NM to fld. 3831/10E. NOTAM FILE CNM.
HISAN NDB (LOMW) 335 CV N34°21.04' W103°10.46' 038° 6.6 NM to fld. 4157/9E. NOTAM FILE ZAB.
ILS 108.9 I-CVN Rwy 04. Class IE. LOM HISAN NDB. ILS and LOM unmonitored.

COLUMBUS N31°49.15' W107°34.47' NOTAM FILE ABQ.

EL PASO
L-6E

(L) VORW/DME 111.2 CUS Chan 49 333° 27.5 NM to Deming Muni. 4008/12E. VOR/DME unmonitored.
VOR portion unusable:
335°-342° byd 30 NM blo 10,500'

CONCHAS DAM**CONCHAS LAKE** (E89) 1 SW UTC-7(-6DT) N35°22.07' W104°10.83'

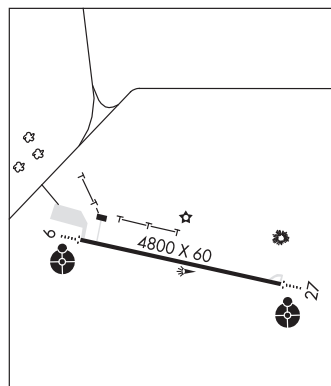
ALBUQUERQUE

4232 B NOTAM FILE ABQ

L-15A

RWY 09-27: H4800X60 (ASPH) S-13 PCN 5 F/D/Y/T RWY

LGTS(NSTD) 0.9% up W

RWY 09: ODALS (NSTD) Tree.**RWY 27:** ODALS (NSTD)**SERVICE:** LGT Rwy 09 NSTD ODALS. Rwy 27 NSTD ODALS 1 flashing lgt on rwy centerline and 2 flashing lgts at rwy edges. ACTIVATE ODALS Rwy 09 and Rwy 27—CTAF.**AIRPORT REMARKS:** Unattended. Wildlife on and invof arpt. Gate lock combination is set to field elevation (4230). Rwy 09-27 retro reflective markers. Twys have retro reflective markers.**AIRPORT MANAGER:** 505-244-1788**COMMUNICATIONS:** CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE TCC.**TUCUMCARI (H) VORTACW** 113.6 TCC Chan 83 N35°10.93'W103°35.91' 279° 30.7 NM to fld. 4035/12E. **HIWAS.****CONCHAS LAKE SPB** (E61) 2 SW UTC-7(-6DT) N35°23.05' W104°12.98'

ALBUQUERQUE

4201 NOTAM FILE ABQ

WATERWAY ALL-WAY: 21120X1320 (WATER)**SEAPLANE REMARKS:** Unattended. Small boat tfc heavy in ldg area May-Oct. Lake level fluctuates from 4153' to 4201' MSL. Ldg area becomes hazardous due to exposed snags and land masses at levels below 4170'. Seaplane operations are prohibited on that portion of the lake north of the dam. Wind warning lgts located on dam and at North Marina and at south dock. Dam 5000' northeast of sealane. Most winds out of SW. Recommend ldg and tkf ops to the west. Wind warning lgts located west of dam, at lodge to the south. Lgts flash if winds are greater than 20 MPH. Monitor lake level by contacting office at 575-868-2221. South ramp gate code is 4230.**AIRPORT MANAGER:** 575-868-2221**COMMUNICATIONS:** CTAF 122.9**CONCHAS LAKE SPB** (See CONCHAS DAM on page 337)**CONCHAS LAKE** (See CONCHAS DAM on page 337)**CORONA** N34°22.02' W105°40.68' NOTAM FILE ABQ.

ALBUQUERQUE

(H) VORTAC 115.5 CNX Chan 102 046° 28.0 NM to Vaughn Muni. 6412/13E. **HIWAS.**

H-4L, 6F, L-6F

VOR portion unusable:

115°-135° byd 35 NM blo 10,000'

DME portion unusable:

115°-135° byd 35 NM blo 10,000'

135°-185° byd 20 NM blo 12,000'

185°-205° byd 20 NM blo 13,000'

205°-260° byd 20 NM blo 14,000'

TACAN AZIMUTH unusable:

115°-119° byd 25 NM blo 10,000'

119°-121°

121°-135° byd 25 NM blo 10,000'

135°-185° byd 20 NM blo 12,000'

185°-205° byd 20 NM blo 13,000'

205°-215°

215°-245° byd 20 NM blo 14,000'

245°-260°

RCO 122.1R 115.5T (ALBUQUERQUE RADIO)**COZEY** N32°37.92' W108°03.80' NOTAM FILE ABQ.

ALBUQUERQUE

NDB (LOWW) 251 SV 261° 4.7 NM to Grant Co. 5350/12E.

L-5D

CROWNPOINT (ØE8) 3 NW UTC-7(-6DT) N35°43.06' W108°12.10'

6696 B NOTAM FILE ABQ

RWY 18-36: H5820X60 (ASPH) PCN 3 F/D/Y/T MIRL**RWY 18:** PVASI(PSIL)—GA 3.0° TCH 40'. Hill.**RWY 36:** P—line.**SERVICE:** LGT Lgt'd windsoc OTS indef. ACTIVATE MIRL Rwy 18-36—122.9.**AIRPORT REMARKS:** Unattended.**AIRPORT MANAGER:** (505) 371-8320**COMMUNICATIONS:** CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE GUP.**GALLUP (H) VORTAC** 115.1 GUP Chan 98 N35°28.56' W108°52.36' 052° 35.9 NM to fld. 7053/14E.**DENVER**
H-4K, L-8H**DEMING MUNI** (DMN)(KDMN) 2 SE UTC-7(-6DT) N32°15.74' W107°43.14'

4314 B NOTAM FILE DMN

RWY 08-26: H8018X75 (ASPH) S-20 PCN 9 F/D/X/T MIRL**RWY 08:** PAPI(P4L)—GA 3.0° TCH 43'. Brush. 0.3% down.**RWY 26:** PAPI(P4L)—GA 3.0° TCH 40'. 0.3% up.**RWY 04-22:** H5675X60 (ASPH) S-12 PCN 7 F/D/X/T MIRL**RWY 04:** PAPI(P2L)—GA 3.0° TCH 44'. Tree.**RWY 22:** PAPI(P2L)—GA 3.0° TCH 44'. Pole.**SERVICE:** S4 FUEL 100LL, JET A1+ LGT MIRL Rwy 08-26 and PAPI Rwy 08 and Rwy 26 preset low ints 0300-0530Z†, to increase ints ACTIVATE—CTAF.**AIRPORT REMARKS:** Attended 1400-0100Z†. For arpt attendant after hrs call 575-494-2311. No intersection tkfs. Helicopters arriving from East and departing to the East remain North of segmented circle.**AIRPORT MANAGER:** 575-544-3660**WEATHER DATA SOURCES:** ASOS 118.525 (575) 544-4347. HIWAS 108.6 DMN.**COMMUNICATIONS:** CTAF/UNICOM 122.8

RCO 122.2 (ALBUQUERQUE RADIO)

Ⓡ ALBUQUERQUE CENTER APP/DEP CON 128.2

AIRSPACE: CLASS E svc 1500-2300Z† other times CLASS G.**RADIO AIDS TO NAVIGATION:** NOTAM FILE DMN.**(L) VORTACW** 108.6 DMN Chan 23 N32°16.53' W107°36.33' 250° 5.8 NM to fld. 4210/12E. HIWAS.

VORTAC unusable:

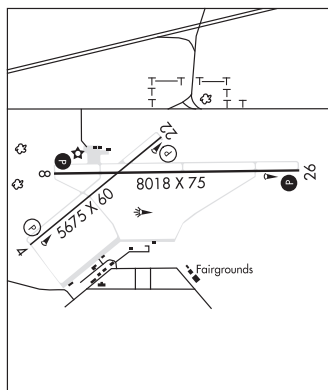
155°-195° byd 15 NM

COLUMBUS (L) VORW/DME 111.2 CUS Chan 49 N31°49.15' W107°34.47' 333° 27.5 NM to fld.

4008/12E. NOTAM FILE ABQ. VOR/DME unmonitored.

VOR portion unusable:

335°-342° byd 30 NM blo 10,500'

**ALBUQUERQUE**
H-4K, L-6E
IAP**DONA ANA CO INTL JETPORT** (See SANTA TERESA on page 355)**DOUBLE EAGLE II** (See ALBUQUERQUE on page 330)**DUDLE** N35°13.04' W106°42.77' NOTAM FILE AEG.**NDB (LOMW)** 351 AE 212° 5.9 NM to Double Eagle II. 5455/11E.**ALBUQUERQUE****DULCE****JICARILLA APACHE NATION** (24N) 10 S UTC-7(-6DT) N36°49.71' W106°53.05'

7618 B NOTAM FILE ABQ

RWY 17-35: H7500X75 (ASPH) S-12.5 MIRL 1.1% up S**RWY 17:** REIL. PAPI(P2L)—GA 3.0° TCH 30'. Tree.**RWY 35:** REIL. PAPI(P2L)—GA 3.0° TCH 30'.**SERVICE:** LGT Rwy 17 wind sock lgts OTS indef. ACTIVATE MIRL Rwy 17-35, REIL and PAPI Rwy 17 and Rwy 35—CTAF.**AIRPORT REMARKS:** Unattended. Rising terrain in all directions. Wildlife on and in/ov arpt. Powerline marked and lighted .4 NM west of Rwy 17-35. Rwy 17-35 3+ inch wide random transverse crack approx every 100' for entire rwy length. Main gate locked at all times, ctc arpt manager to enter/exit 505-759-4309. Gate combination 1995.**AIRPORT MANAGER:** 575-759-4309**COMMUNICATIONS:** CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE FMN.**RATTLESNAKE (H) VORTACW** 115.3 RSK Chan 100 N36°44.90' W108°05.93' 071° 58.7 NM to fld. 5823/14E.

HIWAS.

DENVER
H-4K, L-8I

EDGEWOOD

SANDIA AIRPARK ESTATES EAST (1N1) 2 NE UTC-7(-6DT) N35°05.68' W106°09.87' **ALBUQUERQUE**
 6565 B NOTAM FILE ABQ **L-8I**
RWY 09-27: H4830X30 (ASPH) RWY LGTS(NSTD) 1.0% up W
SERVICE: S4 **FUEL** 100LL **LGT** Rwy 09-27 irregular spacing, color, single fixture on Rwy 09 thld, no thld lgts Rwy 27.
 Wind sock illuminated with solar power. Rotating bcn OTS indef. **ACTIVATE NSTD** lgts Rwy 09-27—CTAF.
AIRPORT REMARKS: Attended Mon-Sat 1500-2100Z±. Self svc fuel with credit card. Emergency phone 505-281-2731 or 505-269-2998 (cell). Wildlife on or in vicinity of arpt. Loose aggregate first 1,000' of Rwy 27.
AIRPORT MANAGER: 505-281-0322
COMMUNICATIONS: CTAF/UNICOM 122.8
RADIO AIDS TO NAVIGATION: NOTAM FILE SAF.
SANTA FE (L) VORTACW 110.6 SAF Chan 43 N35°32.43' W106°03.90' 177° 27.2 NM to fld. 6268/13E.
 VORTAC unusable:
 015°-030° byd 30 NM blo 14,600'

ESPANOLA

OHKAY OWINGEH (E14) 3 NE UTC-7(-6DT) N36°01.57' W106°02.72' **DENVER**
 5790 B NOTAM FILE ABQ **H-4L, 6F, L-8I**
RWY 16-34: H5007X75 (ASPH) S-18 PCN 7 F/D/Y/T MIRL
RWY 16: Thld dsplcd 324'.
RWY 34: Brush.
SERVICE: **FUEL** 100LL, **JET A** **LGT** **ACTIVATE** MIRL Rwy 16-34—CTAF.
AIRPORT REMARKS: Unattended. 100LL and Jet A fuel avbl 24 hrs self svc with major credit card. Wildlife on or in vicinity of arpt. Main gate locked at all times. Arpt access gate combination-4751. Call Pueblo or arpt manager to enter/exit 505-747-0700 or 505-660-6113.
AIRPORT MANAGER: (505) 927-6609
COMMUNICATIONS: CTAF 122.9
RADIO AIDS TO NAVIGATION: NOTAM FILE SAF.
SANTA FE (L) VORTACW 110.6 SAF Chan 43 N35°32.43' W106°03.90' 349° 29.1 NM to fld. 6268/13E.
 VORTAC unusable:
 015°-030° byd 30 NM blo 14,600'

ESTANCIA MUNI (E92) 1 E UTC-7(-6DT) N34°45.80' W106°02.48' **ALBUQUERQUE**
 6100 NOTAM FILE ABQ
RWY 08-26: 4000X50 (GRVL)
RWY 08: Fence.
RWY 26: Hill.
SERVICE: **LGT** Only southside single strobe lgt operative. Rwy 08-26 thld and edge lighting retro-reflective. All strobe lgts OTS permanently.
AIRPORT REMARKS: Unattended. Cattle and birds on and invof rwy. Rwy 08-26 soft when wet.
AIRPORT MANAGER: (505) 384-8082
COMMUNICATIONS: CTAF 122.9

FARMINGTON

FOUR CORNERS RGNL (FMN)(KFMN) 1 NW UTC-7(-6DT) N36°44.48' W108°13.80'

DENVER
H-4K, L-8H
IAP, AD

5506 B Class III, ARFF Index A NOTAM FILE FMN

RWY 07-25: H6704X100 (ASPH-PFC) S-50, D-90, 2S-114

PCN 29 F/C/X/T MIRL 0.4% up E

RWY 07: VASI(V4L)—GA 3.0° TCH 52'. Thld dsplcd 239'.

RWY 25: REIL. VASI(V4L)—GA 3.0° TCH 52'. Thld dsplcd 188'.

RWY 05-23: H6500X150 (ASPH-PFC) S-47, D-66, 2S-84

PCN 29 F/C/X/T MIRL 0.5% up NE

RWY 05: VASI(V4R)—GA 3.0° TCH 61'.

RWY 23: REIL. VASI(V4R)—GA 3.0° TCH 46'. Thld dsplcd 124'.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 05: TORA-6376 TODA-6500 ASDA-6376 LDA-6376

RWY 07: TORA-6516 TODA-6704 ASDA-6516 LDA-6277

RWY 23: TORA-6500 TODA-6500 ASDA-6500 LDA-6376

RWY 25: TORA-6465 TODA-6704 ASDA-6465 LDA-6277

SERVICE: S4 FUEL 100LL, JET A, A1+ OX 2, 4 LGT When twr clsd
MIRL Rwy 07-25 and REIL Rwy 25 preset low ints, to increase ints and ACTIVATE MIRL Rwy 05-23 and REIL Rwy 23 and Rwy 25—CTAF.

AIRPORT REMARKS: Attended 1300-0500Z‡.

AIRPORT MANAGER: 505-599-1394

WEATHER DATA SOURCES: ASOS 127.15 (505) 324-6252. Freq obtained via faa's surface wx obs station website. LAWRS SAWRS.

COMMUNICATIONS: CTAF 118.9 ATIS 127.15 UNICOM 122.95

FARMINGTON RCO 122.4 (ALBUQUERQUE RADIO)

Ⓡ DENVER CENTER APP/DEP CON 118.575

FARMINGTON TOWER 118.9 (1300-0500Z‡) GND CON 121.7

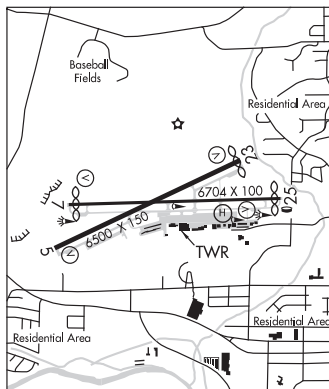
AIRSPACE: CLASS D svc 1300-0500Z‡ other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE FMN.

RATTLESNAKE (H) VORTACW 115.3 RSK Chan 100 N36°44.90' W108°05.93' 252° 6.3 NM to fld. 5823/14E.

HIWAS.

ILS/DME 111.9 I-FMN Chan 56 Rwy 25. Class IE. Unmonitored when ATCT clsd.



FORT SUMNER MUNI (FSU)(KFSU) 2 NE UTC-7(-6DT) N34°29.27' W104°13.02'

ALBUQUERQUE
H-6F, L-6G

4165 B NOTAM FILE ABQ

RWY 03-21: H5802X75 (ASPH) S-25 PCN 3 F/C/Y/T MIRL

RWY 03: Tree.

RWY 21: PVASI(PSIL).

RWY 08-26: H5254X60 (ASPH) S-17 PCN 3 F/D/Y/T MIRL

RWY 08: Road.

RWY 26: PVASI(PSIL).

SERVICE: LGT ACTIVATE MIRL Rwy 08-26—CTAF. MIRL Rwy 03-21 preset low ints till 0500Z‡. After 0500Z‡ ACTIVATE—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1400-2300Z‡. For attendant after hrs call (575) 355-2405. Gate code is 8845.

AIRPORT MANAGER: 575-799-7654

COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE TCC.

TUCUMCARI (H) VORTACW 113.6 TCC Chan 83 N35°10.93' W103°35.91' 204° 51.6 NM to fld. 4035/12E.

HIWAS.

FORT UNION N35°39.45' W105°08.14' NOTAM FILE LVS.

ALBUQUERQUE
H-4L, 6F, L-8J

(H) VORTACW 117.3 FTI Chan 120 at Las Vegas Muni. 6876/13E. HIWAS.

TACAN AZIMUTH unusable:

253°-265°

FOUR CORNERS RGNL (See FARMINGTON on page 340)

GALLUP MUNI (GUP)(KGUP) 3 SW UTC-7(-6DT) N35°30.66' W108°47.36'

6472 B NOTAM FILE GUP

RWY 06-24: H7315X100 (ASPH) S-45, D-55 PCN 39 F/C/X/T MIRL**RWY 06:** PAPI(P2L)—GA 3.0° TCH 46'. Tree.**RWY 24:** REIL. PAPI(P2L)—GA 3.0° TCH 48'. Tree.**SERVICE:** FUEL 100LL, JET A1+ LGT ACTIVATE MIRL Rwy 06-24 and REIL Rwy 24—CTAF.**AIRPORT REMARKS:** Attended 1400-0100Z±. 24 hr self serve 100LL and Jet A1+ with credit card. After hr svc avbl with call out fee.**AIRPORT MANAGER:** 505-863-1290**WEATHER DATA SOURCES:** ASOS 118.375 (505) 726-8232.**COMMUNICATIONS:** CTAF/UNICOM 122.95**RCO 122.6** (ALBUQUERQUE RADIO)**RCO 122.1R 115.1T** (ALBUQUERQUE RADIO)**AIRSPACE:** CLASS E**RADIO AIDS TO NAVIGATION:** NOTAM FILE GUP.**(H) VORTAC 115.1** GUP Chan 98 N35°28.56'

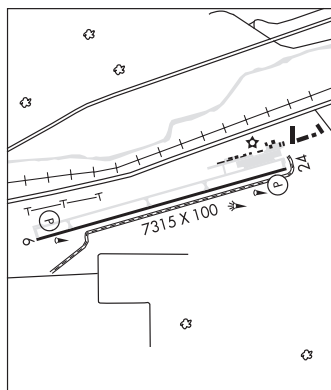
W108°52.36' 049° 4.6 NM to fld. 7053/14E.

LOC/DME 111.7 I-GUP Chan 54 Rwy 06. LOC/DME unmonitored.

ALBUQUERQUE

H-4K, L-8H

IAP

**GLENWOOD-CATRON CO** (E94) 3 NE UTC-7(-6DT) N33°21.17' W108°52.04'

ALBUQUERQUE

5428 NOTAM FILE ABQ

RWY 01-19: 3700X84 (DIRT)**RWY 01:** Tree.**RWY 19:** Fence.**AIRPORT REMARKS:** Unattended. Soft when wet. Large rocks on south 300' edges of rwy. Two pvt strips NE. Livestock and deer on arpt. Mountains surround arpt. Access road not useable after rain. Rwy 01-19 +4' to 7' sage brush 40'-45' from rwy centerline both sides.**AIRPORT MANAGER:** 575-533-6423**COMMUNICATIONS:** CTAF 122.9**GRANT CO** (See SILVER CITY on page 356)**GRANTS-MILAN MUNI** (GNT)(KGNT) 3 NW UTC-7(-6DT) N35°10.04' W107°54.12'

ALBUQUERQUE

6537 B NOTAM FILE GNT

RWY 13-31: H7172X75 (ASPH) S-12 PCN 4 F/D/X/T MIRL

0.3% up NW

RWY 13: PAPI(P2L)—GA 3.0° TCH 40'. Brush.**RWY 31:** PAPI(P2L)—GA 3.0° TCH 40'. Brush.**SERVICE:** FUEL 100LL, JET A1+ LGT PAPI Rwy 31 OTS indef. ACTIVATE MIRL Rwy 13-31 CTAF.**AIRPORT REMARKS:** Attended 1500-0000Z±. For svc after hrs call 505-287-4700. Self svc fuel with credit card, fuel truck avbl with Jet A.**AIRPORT MANAGER:** 505-287-4700**WEATHER DATA SOURCES:** AWOS-3PT 118.3 (505) 287-9890.**COMMUNICATIONS:** CTAF/UNICOM 122.8

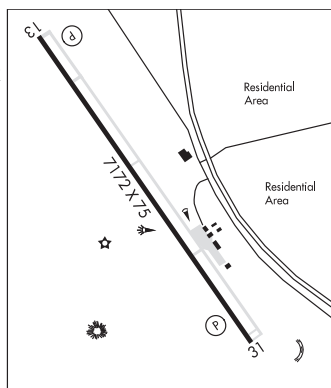
ALBUQUERQUE CENTER APP/DEP CON 124.325

RADIO AIDS TO NAVIGATION: NOTAM FILE GUP.**GALLUP (H) VORTAC 115.1** GUP Chan 98 N35°28.56'

W108°52.36' 097° 51.1 NM to fld. 7053/14E.

H-4K, L-8I

IAP



HATCH MUNI (E05) 3 SW UTC-7(-6DT) N32°39.62' W107°11.72'
4129 B NOTAM FILE ABQ

ALBUQUERQUE
L-6E

RWY 11-29: H4110X60 (ASPH) S-9 PCN 3 F/D/Y/T

RWY 11: ODALS (NSTD) APAP(PNIL). Brush.

RWY 29: ODALS (NSTD) APAP(PNIL). Pole.

SERVICE: LGT Rwy 11 NSTD ODALS. Rwy 29 NSTD ODALS. ACTIVATE ODALS Rwy 11 and Rwy 29—CTAF. Rwy 11 and Rwy 29 APAP lgt.

AIRPORT REMARKS: Unattended. Vehicle access gate code 4080.

AIRPORT MANAGER: 575-267-5216

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE DMN.

DEMING (L) VORTACW 108.6 DMN Chan 23 N32°16.53' W107°36.33' 030° 31.0 NM to fld. 4210/12E.

HIWAS.

VORTAC unusable:

155°-195° byd 15 NM

HOBBS

LEA CO RGNL (HOB)(KHOB) 4 W UTC-7(-6DT) N32°41.25' W103°13.04'

ALBUQUERQUE
H-6G, L-6G
IAP AD

3661 B Class I, ARFF Index A NOTAM FILE HOB

RWY 03-21: H7398X150 (ASPH-PFC) S-65, D-100, 2S-127

PCN 44 F/C/Y/T HIRL

RWY 03: MALSR.

RWY 21: ODALS. PAPI(P4L)—GA 3.0° TCH 44'.

RWY 12-30: H6002X150 (ASPH) S-90, D-120, 2S-157

PCN 10 F/C/Y/T MIRL 0.4% up NW

RWY 12: PAPI(P4L)—GA 3.0° TCH 49'.

RWY 30: PAPI(P4R)—GA 3.0° TCH 44'.

RWY 17-35: H4998X100 (ASPH) S-32, D-50 PCN 3 F/B/Y/T

RWY 17: Thld dsplcd 492'.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 03: TORA-7398 TODA-7398 ASDA-7020 LDA-7020

RWY 12: TORA-6002 TODA-6002 ASDA-6002 LDA-6002

RWY 17: TORA-4998 TODA-4998 ASDA-4998 LDA-4506

RWY 21: TORA-7398 TODA-7398 ASDA-7398 LDA-7398

RWY 30: TORA-6002 TODA-6002 ASDA-6002 LDA-6002

RWY 35: TORA-4998 TODA-4998 ASDA-4998 LDA-4998

SERVICE: S8 FUEL 100LL, JET A LGT When twr clsd HIRL Rwy 03-21 and MIRL Rwy 12-30 preset low intensity; to increase intensity and ACTIVATE twy lghts—CTAF. ACTIVATE MALSR Rwy 03 and ODALS Rwy 21—CTAF.

AIRPORT REMARKS: Attended 1300-0100Z†. Rwy 17-35 has block and alligator cracking, large cracks and loose material.

AIRPORT MANAGER: 575-391-2934

WEATHER DATA SOURCES: AWOS-3 119.75 (575) 393-8418. LAWRS.

COMMUNICATIONS: CTAF 120.65 ATIS 119.75 UNICOM 122.95

HOBBS RCO 122.2 (ALBUQUERQUE RADIO)

FORT WORTH CENTER APP/DEP CON 133.1

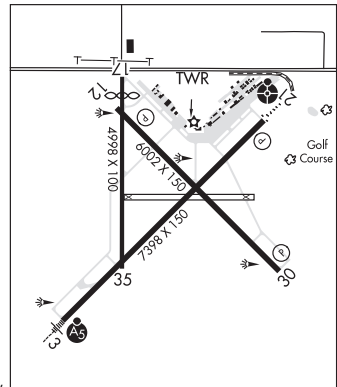
HOBBS TOWER 120.65 (1300-0100Z†) **GND CON** 121.9

AIRSPACE: CLASS D svc 1300-0100Z† other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE HOB.

HOBBS (L) VORTACW 111.0 HOB Chan 47 N32°38.29' W103°16.16' 031° 4.0 NM to fld. 3664/11E.

ILS/DME 108.5 I-HOB Chan 22 Rwy 03. Class IE. Unmonitored when ATCT clsd. Localizer backcourse unusable 20° left of LOC course. Localizer backcourse unusable byd 14 NM. Localizer backcourse unusable byd 20° right side of course.



HOLLOMAN AFB (HMN)(KHMN) AF (A) 6 SW UTC-7(-6DT) N32°51.11' W106°06.51' **ALBUQUERQUE**
 4093 B TPA—See Remarks NOTAM FILE HMN Not insp. **H-4L, L-6F**
RWY 07-25: H12922X150 (PEM) PCN 40 R/B/W/T HIRL **DIAP AD**
RWY 25: PAPI(P4L)—GA 2.5° TCH 44' .
RWY 16-34: H12134X150 (PEM) PCN 53 R/B/W/T HIRL
RWY 16: ALSF1. PAPI(P4L)—GA 2.51° TCH 42' .
RWY 34: PAPI(P2L)—GA 2.5° TCH 43' .
RWY 04-22: H10578X300 (PEM) PCN 56 R/A/W/T HIRL
RWY 04: 0.3% up.
RWY 22: ALSF1. PAPI(P4L)—GA 3.0° TCH 54' .
ARRESTING GEAR/SYSTEM
RWY 07 BAK-15 CHAG (2276' OVRN) HOOK BAK-12B(B) (1500'). **HOOK BAK-12B(B) (1617'). RWY 25**
RWY 16 HOOK BAK-12 B (B) (1500')
HOOK BAK-12 B (B) (1505') HOOK BAK-12 B (60' OVRN) BAK-15 (120' OVRN). RWY 34
RWY 04 HOOK BAK-12B(B) (1450') HOOK BAK-12B(B) (5287'). **HOOK BAK-12B(B) (1500'). RWY 22**
SERVICE: S4 **FUEL** JET B+ **OX** 1, 2 **LGT** Gated thld lgt all rwy. Rwy 16-34 dist rem mrk OTS. Rwy 16 and Rwy 22 SFL unsv. **MILITARY—A-GEAR** Rwy 04-22 BAK-12B (mid fld) and Rwy 25 apch BAK-12B 30 min PN. When Rwy 16 in use, dep/lgd will be toward raised BAK-15 on dep end Rwy 16. Rwy 16 apch end A-G markers OTS. BAK-15 lctd Rwy 16 under-run unsv. Net avbl to be raised at pilot request. Rwy 34 HOOK BAK-12 B (60' ovrn) unit is not BI-directional. When winds greater than 35 kts and temperatures greater than 85° F, BAK-15 nets in up position during T-38 ops. Nets avbl to be raised as req. **JASU** 2(MD-3) 2(MA-1A) 3(MC-1) 1(MC-1A) 1(M32A-60) **FUEL** A++ **FLUID** SP LHOX LOX OIL O-128-133-148-156 SOAP **TRAN ALERT** Tran Alert svc avbl 1300-0700Z† Mon-Fri, 1300-0600Z† Sat-Sun. No priority basis.
MILITARY REMARKS: Opr hrs by NOTAM. See FLIP AP/1 Supplementary Arprt Remarks. **RSTD** PPR, ctc Afld OPS DSN 572-5411/5412. Minimum 24 hr ntc rqr and no more than 7 days prior. Rwy 16-34 rstd to acft with wingspan 175' or less. PPR good for +/- 30 min PPR time. Coord of PPR outside of block time by fone is rqr or PPR number will be considered cancelled. Heavy acft should exp to land Rwy 22. 180° turns on rwy asph sfc not permitted without afld manager approval. Heavy acft prohibited from dep or arr Rwy 07-25. ILS/Radar, Rwy 16 ILS avbl for circle apch to Rwy 22. Live load ops conducted on Twy E live load pad. Ctc AM ops DSN 572-5411, C575-572-5411 to sked. **CAUTION** Use extreme caution, UAS acft conducting std ops in Holloman airspace. Mountainous terrain 10 NM east and 20 NM west. Unctd vehicles on movement area. Unctd afld ops (UAO) in effect dur outside published afld hrs. UAO only authorized for flying units listed in HAFBI 11-250. Ctc Comd Post DSN 572-5411, (575) 572-575 for current UAO status. Portions of arprt not visible from twr. Exit Rwy 22 on Twy R hold short Twy G. Helicopter arr/dep avoid hover over unprepared sfc. Pavement markings throughout afld faded and non reflective. Rwy 34 and Rwy 04 at 2000' distance remaining marker, only 1700' of rwy avbl. Afld has hi potential for FOD from engine blast, minimize thrust during ground ops.
TFC PAT TPA—Overhead 6100(2007)/300 kts. 10' tall electric pwr station and eqpt lctd northeast corner of North Ramp pavement edge. **MISC** Only single apch and full stop ldg authorized for tran acft. VFR hold lines lctd at int Rwy 16-34 (4 each). Acft given clnc to land or tkf shall disregard hold lines at the int dur ldg and tkf roll. Land and hold short ops not auth. Tran acft last priority on refueling due to refueling mechanical problems, exp delays. Rqr afld signs installed incorrectly and/or missing throughout the afld. No F16 tran support avbl for acft with GE F110 engine due to magnetic chip detector inspection unavailability. Aerodrome wx svc avbl Mon-Sat 0600-0100Z†, Sat 1400-2100Z†, clsd Sun, hol or when afld is NOTAM clsd. Auto obsn avbl during non-opr hours. Wx obsn sct ltd 220°-350° due to bldg, ngt obsn ltd due to high intr lgts. Svc unavbl when afld NOTAM clsd. Wx DSN 572-3924/5 C575-572-3924/5. For standby svc during non opr hr ctd 25 OWS DSN 228-6674. Std ACC RSRs applied, non ACC assigned acft rqr written apvl. Radar monitoring not avbl all rwy. First 1850' Rwy 34, first 1700' Rwy 16 conc, mid 8581' asph. Rwy 04-22 has 1000' X 300' conc thld, remaining rwy 8575' X 300' asph. Rwy 04-22 marked 10,575' X 150'. First 1000' Rwy 25 conc, west of Twy F middle 75' conc outer 37.5' weight bearing asph. Twy G width 150' weight bearing. Twy Golf edge lgts located 150 ft south of Twy G pavement edge invof clsd end of Rwy (EOR) Gulf. **A** Opr Mon-Sat 1000-0100Z†.
AIRPORT MANAGER: 575-572-5411
COMMUNICATIONS: SFA ATIS 273.5 (Ltd byd 15 NM 020°-140°) (Opr H24 Mon 0900Z† thru Fri 0100Z†, Sat 1500-2200Z†.)
 PTD 372.2
 (R) **APP CON** 120.6 269.225 (Ltd 020°-140° byd 15 NM) (Mon 0900Z† thru Fri 0100Z†, Sat 1500-2200Z† exc for final Sat of every month. Clsd Sun and federal hol)
TOWER 119.3 255.9 (Ltd 020°-140° byd 15 NM) (Opr H24 Mon 0900Z† thru Fri 0100Z†, Sat 1500-2200Z†.)
GND CON 127.05 275.8 **CLNC DEL** 126.7 289.4
 (R) **DEP CON** 128.1 284.0 (Ltd 020°-140° byd 15 NM) (Mon 0900Z† thru Fri 0100Z†. Clsd Sat, Sun and hol)
ALBUQUERQUE CENTER APP/DEP CON 132.65 257.6 24 hrs Sat, Sun and hol
COMD POST (RAYMOND 14) 381.3 (Have Quick timing avbl. Ltd 020°-140° byd 15 NM) **PMSV METRO** 346.55 (Ltd 020°-140° byd 15 NM) **CARMY AVIATION** 229.3 (Ltd 020°-140° byd 15 NM)

CONTINUED ON NEXT PAGE

CONTINUED FROM PRECEDING PAGE

AIRSPACE: CLASS D

RADIO AIDS TO NAVIGATION: NOTAM FILE HMN.

(L) TACAN Chan 92 HMN (114.5) N32°51.73' W106°06.55' at fld. 4075/10E. tac unmonitored when rapcon closed.

No NOTAM MP: 1200-1400Z‡ Tue
trans indicator - "dual" trans

TAC AZM unusable:

030°-120° byd 25 NM blo 18,000'

TAC DME unusable:

030°-120° byd 25 NM blo 18,000'

ILS 108.9 I-MUK Rwy 16. Class IT. Unmonitored outside publ opr hr. No NOTAM MP: glideslope 1200-1400Z‡ Thu; ILS 1200-1400Z‡ Fri. Glideslope unavbl.

ILS 111.7 I-HMN Rwy 22. Class IE. Unmonitored outside publ opr hr. No NOTAM MP: ILS 1200-1400Z‡ Mon; glideslope 1200-1400Z‡ Wed. Glideslope unavbl.

COMM/NAV/WEATHER REMARKS: Rwy 16 TCH 41' Group 4 (B-747/767/777, L-1011, DC-10, A-300, B-1, KC-10, E-4, C-5 and VC-25 wheel crossing height 16' all Rwy ILS procedures.

JAL

LEA CO(JAL) (E26) 3 NE UTC-7(-6DT) N32°07.86' W103°09.29'

3118 B NOTAM FILE ABQ

RWY 01-19: H4704X60 (ASPH) S-23 PCN 4 F/C/Y/T MIRL

RWY 01: Brush.

RWY 19: Brush.

RWY 09-27: H2604X50 (ASPH) S-12 PCN 3 F/B/Y/T 0.8% up W

RWY 09: Thld dspcd 40'. Brush.

RWY 27: Thld dspcd 45'. P-line.

SERVICE: LGT MIRL Rwy 01-19 preset low ints, to increase ints
ACTIVATE—CTAF.

AIRPORT REMARKS: Unattended. For airframe/powerplant svc call 505-396-6719. Extensive oil well drilling activity on and invof arpt. +20' pump jack 990' fm Rwy 19 thld 50' right of centerline. Rwy 09-27 +4-7' brush 50' fm centerline both sides length of rwy. 5' line of sight not avbl between Rwy 01-19 and Rwy 09-27 ends. Rwy 01 +3' steel posts 145 ft from the thld, on centerline, 40 ft and 80 ft left, 110 ft right of centerline over buried oil line.

AIRPORT MANAGER: 575-391-2934

COMMUNICATIONS: CTAF 122.9

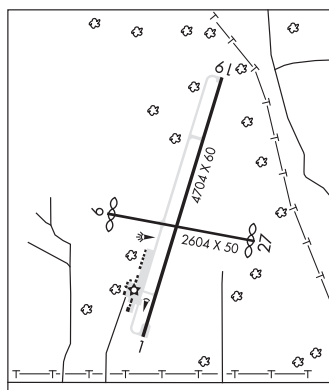
RADIO AIDS TO NAVIGATION: NOTAM FILE INK.

WINK (H) VORTACW 112.1 INK Chan 58 N31°52.49'
W103°14.63' 005° 16.0 NM to fld. 2860/11E.

ALBUQUERQUE

L-6G

AD



JEWETT MESA (See APACHE CREEK on page 331)

JICARILLA APACHE NATION (See DULCE on page 338)

LAS CRUCES INTL (LRU)(KLRU) 8 W UTC-7(-6DT) N32°17.37' W106°55.32'

4457 B TPA-5457(1000) Class IV, ARFF Index A NOTAM FILE LRU

ALBUQUERQUE

H-4K, L-6F

IAP

RWY 12-30: H7506X100 (CONC-GRVD) S-70, D-120, 2S-152

PCN 41 R/B/W/T HIRL 0.3% up NW

RWY 12: REIL.

RWY 30: MALSR.

RWY 04-22: H7501X105 (ASPH) S-30, D-30, 2D-30, 2D/2D2-30

PCN 3 F/D/Y/T MIRL

RWY 22: VASI(V4L)—GA 3.0° TCH 64'.

RWY 08-26: H6069X100 (ASPH) S-70, D-120, 2S-152

PCN 25 F/C/X/T MIRL

RWY 08: PAPI(P4L)—GA 3.0° TCH 50'.

RWY 26: PAPI(P4L)—GA 3.0° TCH 50'.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 04: TORA-7499 TODA-7499 ASDA-7499 LDA-7499

RWY 08: TORA-6069 TODA-6069 ASDA-6069 LDA-6069

RWY 12: TORA-7499 TODA-7499 ASDA-7499 LDA-7499

RWY 22: TORA-7499 TODA-7499 ASDA-7499 LDA-7499

RWY 26: TORA-6069 TODA-6069 ASDA-6069 LDA-6069

RWY 30: TORA-7499 TODA-7499 ASDA-7499 LDA-7499

SERVICE: S4 FUEL 100LL, JET A1+ OX 1, 3 LGT ACTIVATE MIRL

Rwy 04-22, HIRL Rwy 12-30 and MALSR Rwy 30—CTAF. MIRL Rwy

08-26 preset low ints, to increase ints ACTIVATE—CTAF. REIL Rwy 12 opr SS-SR. PAPI Rwy 08, Rwy 26 and VASI Rwy 22 opr continuously.

AIRPORT REMARKS: Attended continuously. Rwy 04-22 CLOSED to acft over 30,000 lbs. Birds on and in/ov arpt Sep-Mar.

Unmanned aerial vehicle training ops on the arpt. PPR 48 hrs for acft with more than 30 passenger seats, call arpt manager 575-541-2471 or 575-541-2473. Rwy 04-22 not avbl for air carrier ops. Rwy 30 designated calm wind rwy.

NOTE: See Special Notices—U.S. Special Customs Requirement.

AIRPORT MANAGER: (575) 541-2076

WEATHER DATA SOURCES: AWOS-3 119.025 (575) 526-4831.

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ **ALBUQUERQUE CENTER APP/DEP CON** 128.2

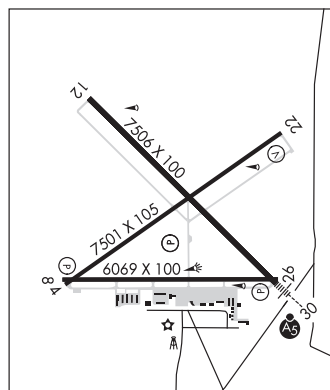
RADIO AIDS TO NAVIGATION: NOTAM FILE DMN.

DEMING (L) VORTACW 108.6 DMN Chan 23 N32°16.53' W107°36.33' 076° 34.8 NM to fld. 4210/12E.
HIWAS.

VORTAC unusable:

155°-195° byd 15 NM

ILS/DME 109.3 I-LRU Chan 30 Rwy 30. Class IE.



LAS VEGAS MUNI (LVS)(KLVS) 5 NE UTC-7(-6DT) N35°39.25' W105°08.54'

ALBUQUERQUE

6877 B NOTAM FILE LVS

H-4L, 6F, L-8J

RWY 14-32: H8199X75 (ASPH) S-20 PCN 7 F/D/X/T MIRL

IAP

RWY 14: PVASI(PSIL). 0.6% up.

RWY 32: PVASI(PSIL). 0.3% down.

RWY 02-20: H5006X75 (ASPH) S-20 PCN 8 F/D/X/T MIRL

RWY 02: ODALS (NSTD) PVASI(PSIL)—GA 3.0° TCH 40'.

RWY 20: ODALS (NSTD) PVASI(PSIL)—GA 3.5° TCH 55'.

SERVICE: FUEL 100LL, JET A1 LGT Rwy 02 NSTD ODALS-2 NSTD lgts on extended rwy centerline on less than standard spacing. Rwy 20 NSTD ODALS-out of svc indef. ACTIVATE MIRL Rwy 14-32 and Rwy 02-20—CTAF. Rwy 14-32 numerous inop rwy lgts. Rwy 02 PSIL out of svc indef. Rwy 14 PSIL out of svc indef. Rwy 20 PSIL out of svc indef. Rwy 32 PSIL out of svc indef.

AIRPORT REMARKS: Attended 1500-0000Z†. If arprt attendant unavbl call 505-429-3198 (emerg) or Las Vegas police dispatch at 505-425-7504. Fuel avbl 24 hrs self svc with major credit card. Be alert for heavy concentrations of birds on and in vicinity of arprt. Numerous arprt hold and directional signs out of svc indef.

AIRPORT MANAGER: 505-454-0881

WEATHER DATA SOURCES: ASOS 118.525 (505) 454-4645.

COMMUNICATIONS: CTAF/UNICOM 122.8

RCO 122.6 (ALBUQUERQUE RADIO)

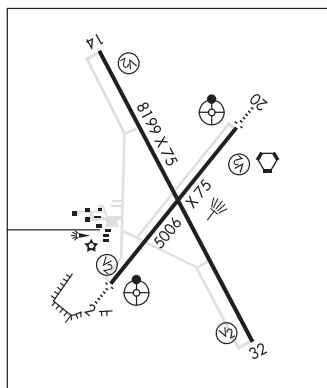
Ⓡ ALBUQUERQUE CENTER APP/DEP CON 132.8

AIRSPACE: CLASS E svc 1500-2300Z† other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE LVS.

FORT UNION (H) VORTACW 117.3 FTI Chan 120 N35°39.45' W105°08.14' at fld. 6876/13E. HIWAS.

TACAN AZIMUTH unusable:
253°-265°



LEA CO RGNL (See HOBBS on page 342)

LEA CO(JAL) (See JAL on page 344)

LEA CO—ZIP FRANKLIN MEM (See LOVINGTON on page 348)

LINDRITH AIRPARK (E32) 1 SW UTC-7(-6DT) N36°17.48' W107°03.37'

DENVER

7202 NOTAM FILE ABQ

RWY 07-25: 3300X75 (DIRT)

RWY 07: Brush.

RWY 25: Brush.

AIRPORT REMARKS: Unattended. Beware of windshear Rwy 25. Wildlife and cattle on and inop arprt. Steep drop-offs Rwy 07 end and N rwy edges. Rwy 07 + 1' mounds of dirt 250' from thld. Rwy 07-25 soft spot when wet. +150' cell tower 800' south of rwy centerline approximately midpoint. Act parking in fenced area at east end of rwy beware of wire gate.

AIRPORT MANAGER: 505-362-8232

COMMUNICATIONS: CTAF 122.9

LORDSBURG MUNI (LSB)(KLSB) 1 SE UTC-7(-6DT) N32°20.01' W108°41.50'
4278 B NOTAM FILE ABQ

ALBUQUERQUE
H-4K, L-5D

RWY 12-30: H5011X75 (ASPH) MIRL

RWY 12: Road.

RWY 30: Brush.

SERVICE: FUEL 100LL, JET A1+ LGT ACTIVATE MIRL Rwy 12-30—CTAF.

AIRPORT REMARKS: Attended 1500-0000Z†. 24 hrs self serve fuel with major credit card.

AIRPORT MANAGER: 575-542-3614

WEATHER DATA SOURCES: AWOS-3PT 118.1 (575) 542-3549.

COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE PRC.

SAN SIMON (H) VORTACW 115.4 SSO Chan 101 N32°16.15' W109°15.79' 069° 29.3 NM to fld. 3600/13E.
HIWAS.

VOR & TACAN AZIMUTH unusable:

020°-050° byd 30 NM blo 8,000'

150°-190° byd 28 NM blo 11,300'

190°-220° byd 30 NM blo 9,000'

235°-250° byd 30 NM blo 9,900'

350°-360° byd 30 NM blo 8,000'

DME unusable:

020°-050° byd 30 NM blo 8,000'

150°-190° byd 28 NM blo 11,300'

190°-220° byd 30 NM blo 9,000'

235°-250° byd 30 NM blo 12,500'

350°-360° byd 30 NM blo 8,000'

LOS ALAMOS (LAM)(KLAM) 1 E UTC-7(-6DT) N35°52.78' W106°16.12'
7171 B NOTAM FILE LAM

DENVER
H-4L, 6F, L-8I
IAP

RWY 09-27: H6000X120 (ASPH-GRVD) S-43 PCN 35 F/C/X/T MIRL

1.5% up W

RWY 27: REIL. PAPI(P2L)—GA 3.0° TCH 45'. Rgt tfc.

SERVICE: S2 FUEL 100LL LGT ACTIVATE MIRL Rwy 09-27 and REIL Rwy 27—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1500-0000Z†, Sat-Sun 1430-2000Z†. For arpt attendant after hrs and weekends call 505-417-7431. Wildlife on and invof arpt. Strong gusty crosswinds. Radio communication required before entering tfc pat. VFR ldg tfc remain 5 miles east of the arpt until turning final for Rwy 27 to avoid rstd area south of the arpt. Rwy 09-27 all ldgs to the West and all take offs to the East. No touch and go ldgs. Rwy 27 make rgt turn on go-around or missed apch, rstd area adjacent to south side of arpt. Blast barrier AER 09.

AIRPORT MANAGER: 505-662-8420

WEATHER DATA SOURCES: AWOS-3 124.175 (505) 662-8423.

COMMUNICATIONS: CTAF/UNICOM 123.0

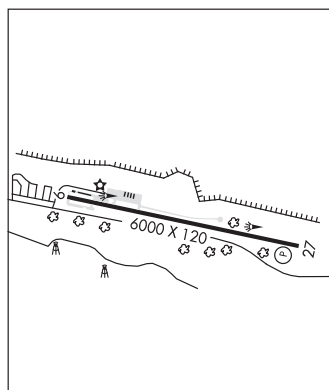
ALBUQUERQUE CENTER APP/DEP CON 132.8

RADIO AIDS TO NAVIGATION: NOTAM FILE SAF.

SANTA FE (L) VORTACW 110.6 SAF Chan 43 N35°32.43' W106°03.90' 321° 22.6 NM to fld. 6268/13E.

VORTAC unusable:

015°-030° byd 30 NM blo 14,600'



LOS LUNAS

MID VALLEY AIRPARK (E98) 3 S UTC-7(-6DT) N34°45.66' W106°44.70'

ALBUQUERQUE

4836 B NOTAM FILE ABQ

L-81

RWY 18-36: H4332X37 (ASPH) S-12.5 LIRL(NSTD)

RWY 18: Thld displcd 274'. Road.

RWY 36: Thld displcd 534'. Trees.

SERVICE: S4 FUEL 100LL LGT ACTIVATE rotating bcn—CTAF. NSTD LIRL, 2 thld lgts each side of rwy at displacement. ACTIVATE LIRL Rwy 18-36—CTAF.

AIRPORT REMARKS: Attended continuously. Fuel avbl 24 hrs self service with major credit card. 6' ditch 60' W 8' railroad track 260' W parallel to Rwy 18-36. Act radio required. +40' unlighted utility pole 120' W of Rwy 18-36 near midpoint. Residential airpark. Uncontrolled vehicle pedestrian tfc on and around afd. Recommended no wind Rwy 36. PPR for glider ops call 505-610-3676.

AIRPORT MANAGER: 505-610-3676

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE ABQ.

ALBUQUERQUE (H) VORTACW 113.2 ABQ Chan 79 N35°02.63' W106°48.98' 155° 17.3 NM to fld. 5749/13E. HIWAS.

TACAN AZIMUTH unusable:
040°-055° byd 30 NM blo 15,000'

LOVINGTON

LEA CO—ZIP FRANKLIN MEM (E06) 3 W UTC-7(-6DT) N32°57.24' W103°24.53'

ALBUQUERQUE

3979 B NOTAM FILE ABQ

H-6G, L-6G

RWY 03-21: H6001X75 (ASPH) S-12 PCN 5 F/B/Y/T MIRL

RWY 03: PVASI(PSIL)—GA 3.0° TCH 42'. P-line.

RWY 21: PVASI(PSIL)—GA 3.0° TCH 42'.

RWY 12-30: H4409X60 (ASPH) S-12 PCN 3 F/D/Y/T MIRL

RWY 12: Fence.

RWY 30: Brush.

SERVICE: FUEL 100LL LGT Rwy 03 PSIL OTS indef. Rwy 21 PSIL OTS indef. MIRL Rwy 03-21 and MIRL Rwy 12-30 preset low ints, to increase ints ACTIVATE—CTAF.

AIRPORT REMARKS: Unattended. Fuel 24 hr. Self-svc 100LL with major credit card. Extensive oil well drilling activity on and invof arpt. Rwy 30 +3' pipes 700' from thld, 60' right centerline. Rwy 12-30 +3-5' scattered brush in primary sfc. Rwy 03-21 +3-4' scattered brush 195' west of centerline in primary sfc. Emergency phone: 575-396-3611. Gate code—CTAF.

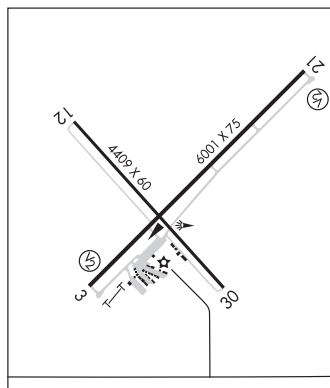
AIRPORT MANAGER: 575-391-2934

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ FORT WORTH CENTER APP/DEP CON 133.1

RADIO AIDS TO NAVIGATION: NOTAM FILE HOB.

HOBBS (L) VORTACW 111.0 HOB Chan 47 N32°38.29'
W103°16.16' 329° 20.2 NM to fld. 3664/11E.



IAP, AD

MAGDALENA (N29) 3 W UTC-7(-6DT) N34°05.65' W107°17.83'

ALBUQUERQUE

6727 NOTAM FILE ABQ

RWY 02-20: 6062X50 (GRVL-DIRT)

RWY 02: Hill.

RWY 20: Brush.

SERVICE: LGT Rwy 02-20 edge lgtg retro-reflective. All strobe lgts OTS indef. Rwy 02 and Rwy 20 NSTD REIL each end, 2 strobes at rwy ends flash alternately with single strobes 200' from rwy end on centerline, ACTIVATE—122.9.

AIRPORT REMARKS: Unattended. Private dirt airstrip 600' west of aprt. Small arms fire W arpt sfc 2000' AGL first and third Sat 2000-2300Z± indef. Rwy 02-20 sfc treated with flyash, firm but dusty with very few large rocks. Rwy 02 +15' fence 300' from thld. Rwy 02-20 +3-10' brush 35-125' from centerline both sides of rwy.

AIRPORT MANAGER: 575-854-2462

COMMUNICATIONS: CTAF 122.9

MID VALLEY AIRPARK (See LOS LUNAS on page 348)

MORIARTY (ØEØ) 2 SE UTC-7(-6DT) N34°58.69' W106°00.00'
6204 B TPA-7204(1000) NOTAM FILE OEO
RWY 08-26: H7702X75 (ASPH) PCN 3 F/D/X/T MIRL

RWY 08: Tree.

RWY 18-36: H6201X75 (ASPH) S-30, D-60 PCN 3 F/D/Y/T

SERVICE: S4 FUEL 100LL, JET A QX3 LGT Windsock lgt. OTS indef.

ACTIVATE MIRL Rwy 08-26 —CTAF.

AIRPORT REMARKS: Attended 1500-0000Z±. For Jet A after hrs and holidays call 505-832-2222 or 505-259-2225, 100LL avbl 24 hrs self svc with major credit card. For emerg repairs call 505-269-8234. Extensive glider activity. Emerg phone 505-384-2706 (Police dispatch).

AIRPORT MANAGER: 505-832-5072

WEATHER DATA SOURCES: AWOS-3PT 118.05 (505) 832-9379.

COMMUNICATIONS: CTAF 122.9

Ⓡ **ALBUQUERQUE CENTER APP/DEP CON** 133.65

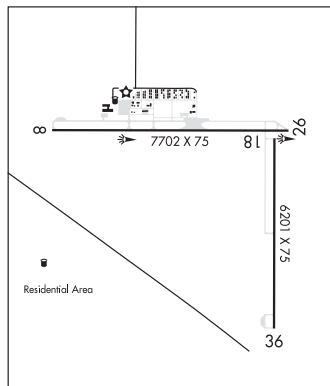
RADIO AIDS TO NAVIGATION: NOTAM FILE SAF.

SANTA FE (L) VORTACW 110.6 SAF Chan 43 N35°32.43'

W106°03.90' 162° 33.8 NM to fld. 6268/13E.

VORTAC unusable:

015°-030° byd 30 NM blo 14,600'



ALBUQUERQUE
H-4L, 6F, L-8I
IAP

MOSQUERO EMERGENCY SERVICES HELIPORT (NØ1) 0 N UTC-7(-6DT) N35°46.95'

ALBUQUERQUE

W103°57.48'

5590 B NOTAM FILE ABQ

HELIPAD H1: H65X65 (CONC) PERIMETER LGTS

SERVICE: LGT H1 perimeter lghts. ACTIVATE perimeter lghts and windsock lghts—CTAF. Heliport bcn, wind sock & perimeter lights out of svc indef.

HELIPORT REMARKS: Unattended. 35' p-lines marked 367' SW of H1 pad.

AIRPORT MANAGER: 575-483-2682

COMMUNICATIONS: CTAF/UNICOM 122.8

MOUNTAINAIR MUNI (M1Ø) 1 NE UTC-7(-6DT) N34°32.00' W106°13.43'

ALBUQUERQUE

6492 NOTAM FILE ABQ

RWY 08-26: 2578X50 (DIRT)

RWY 08: Road.

AIRPORT REMARKS: Unattended. Rwy 08-26 soft, unusable when wet; 2'-4' berms on edges. Arpt access gate locked, call ahead for access. Rwy 08-26 is unmarked and the thlds are not delineated. Infrequent maintenance, may be hazardous; recommend visual inspection prior to using. Scattered trees and brush along rwy sides are primary sfc obstructions.

AIRPORT MANAGER: 505-847-2321

COMMUNICATIONS: CTAF 122.9



HELIPAD H1: H54X54 (CONC)

NAVAJO DAM

NAVAJO LAKE (1V0) 3 NE UTC-7(-6DT) N36°48.50' W107°39.16'

6478 NOTAM FILE ABQ

RWY 06-24: H5022X60 (ASPH) S-12 PCN 5 F/D/Y/T 0.4% up NE

RWY 06: Tree.

AIRPORT REMARKS: Unattended. Arpt CLOSED at ngt. Arpt CLOSED during winter months. Arpt located atop mesa, strong downdrafts are possible on short final to Rwy 06-24. Livestock on arpt. No snow removal, PPR when snow or ice on rwy call 505-244-1788 extension 111. Gate always locked, combination set to fld elevation listed on entrance sign. Rwy 06-24 retro-reflective thld markers—some missing.

AIRPORT MANAGER: 505-244-1788

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE DRO.

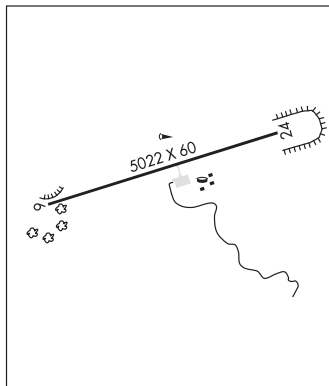
DURANGO (L) VORW/DME 108.2 DRO Chan 19 N37°09.20' W107°44.98' 153° 21.2 NM to fld. 6662/14E.

DME portion unusable:

070°-090° byd 30 NM blo 12,500'

140°-185° byd 25 NM blo 13,000'

DENVER
H-4K, L-8I



NAVAJO LAKE (See NAVAJO DAM on page 350)

OHKAY OWINGEH (See ESPANOLA on page 339)

OTTO N35°04.34' W105°56.16' NOTAM FILE ABQ.

(L) **VORW** 114.0 OTO 196° 6.5 NM to Moriarty. 6273/13E.

VOR unusable:

050°-120° byd 35 NM blo 12,000'

ALBUQUERQUE
L-4G, L-8I

PINON N32°31.75' W105°18.31' NOTAM FILE ABQ.

(L) **VORW/DME** 110.4 PIO Chan 41 159° 35.3 NM to Dell City Muni. 6578/12E.

ALBUQUERQUE
L-6F

PORTALES MUNI (PRZ)(KPRZ) 4 SW UTC-7(-6DT) N34°08.73' W103°24.62'

4078 B NOTAM FILE ABQ

RWY 01-19: H5700X60 (ASPH) PCN 4 F/C/Y/T MIRL 0.6% up S

RWY 19: PVASI(PSIL)—GA 3.5° TCH 34'.

RWY 08-26: H4560X60 (ASPH) PCN 4 F/C/Y/T MIRL

RWY 26: PVASI(PSIL)—GA 3.0° TCH 23'. P-line.

SERVICE: S4 FUEL 100LL, JET A LGT PVASI Rwy 19 OTS indef. PVASI Rwy 26 OTS indef. MIRL Rwy 01-19 and Rwy 08-26 preset low ints; to increase ints ACTIVATE—CTAF.

AIRPORT REMARKS: Attended 1400-2300Z†. For arpt attendant after hrs, Sat and Sun call 505-760-4312 or 505-714-3797.

AIRPORT MANAGER: 575-478-2863

WEATHER DATA SOURCES: AWOS-3 118.175 (575) 478-2864.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ CANNON APP/DEP CON 118.425

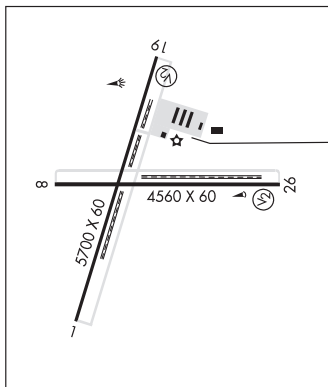
CANNON CLNC DEL 119.0

RADIO AIDS TO NAVIGATION: NOTAM FILE FTW.

TEXICO (H) VORTACW 112.2 TXO Chan 59 N34°29.71'

W102°50.38' 223° 35.3 NM to fld. 4060/11E.

ALBUQUERQUE
H-6G, L-6G
IAP



QUEMADO

CATRON CO HELIPORT (C54) 8 E UTC-7(-6DT) N34°18.94' W108°18.59'

ALBUQUERQUE

7205 B NOTAM FILE ABQ

HELIPAD H1: H65X65 (CONC) PERIMETER LGTS

SERVICE: LGT ACTIVATE perimeter lgts Helipad H1—CTAF.

HELIPORT REMARKS: Unattended. Elk invof ldg area. Heliport fenced with 8' fence. Heliport access code 7205X.

AIRPORT MANAGER: 575-533-6423

COMMUNICATIONS: CTAF/UNICOM 122.8

QUESTA MUNI NR 2 (N24) 6 N UTC-7(-6DT) N36°48.02' W105°35.85'

DENVER

7690 NOTAM FILE ABQ

RWY 17-35: H6861X75 (ASPH) S-12.5 PCN 3 F/D/Y/T MIRL 0.3% up S

RWY 17: REIL. PAPI(P4R)—GA 3.0° TCH 40'.

RWY 35: REIL. PAPI(P4R)—GA 3.0° TCH 40'.

SERVICE: LGT ACTIVATE MIRL Rwy 17-35, REIL Rwy 17 and Rwy 35, and PAPI Rwy 17 and Rwy 35—123.6.

AIRPORT REMARKS: Unattended. Elk on and invof arpt. Rwy 17 preferred calm wind rwy. For access on and off afld ctc village office at 575-586-0694 or gate code 7670.

AIRPORT MANAGER: 575-613-2853

WEATHER DATA SOURCES: AWOS-3 118.2 (575) 586-2019.

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE SKX.

TAOS (L) VORTAC 117.6 TAS Chan 123 N36°36.53' W105°54.38' 039° 18.8 NM to fld. 7860/13E.

DME portion unusable:

020°-100° byd 30 NM blo 18,000'

260°-330° byd 30 NM blo 17,000'

RATON MUNI/CREWS FLD (RTN)(KRTN) 10 SW UTC-7(-6DT) N36°44.55' W104°30.10'

DENVER

6352 B NOTAM FILE RTN

H-6F, L-15A

RWY 02-20: H7615X75 (ASPH) S-18 PCN 25 F/D/X/T MIRL

RWY 02: PVASI(P5IL)—GA 3.0° TCH 40'.

RWY 07-25: H4425X75 (ASPH) S-12 PCN 6 F/D/X/T MIRL

0.7% up W

SERVICE: S2 FUEL 100LL, JET A1+ OX 1, 2, 3, 4 LGT MIRL Rwy 02-20 and 07-25 preset low intensity dusk-0600Z†, to increase

intensity ACTIVATE—CTAF. After 0600Z† ACTIVATE—CTAF.

AIRPORT REMARKS: Attended 1400-0000Z†. Deer on and invof arpt.

Compass rose avbl on ramp.

AIRPORT MANAGER: 575-445-3076

WEATHER DATA SOURCES: ASOS 118.375 (505) 445-9207.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ ALBUQUERQUE CENTER APP/DEP CON 132.8

RADIO AIDS TO NAVIGATION: NOTAM FILE RTN.

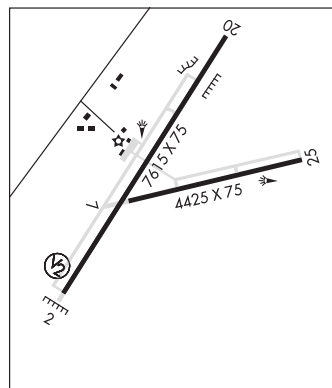
CIMARRON (H) VORTAC 116.4 CIM Chan 111 N36°29.48'

W104°52.32' 037° 23.4 NM to fld. 6550/13E. HIWAS.

VORTAC unusable:

230°-290° byd 20 NM blo 18,000'

340°-010° byd 34 NM blo 11,000'



RATTLESNAKE N36°44.90' W108°05.93' NOTAM FILE FMN.

DENVER

(H) VORTAC 115.3 RSK Chan 100 252° 6.3 NM to Four Corners Rgnl. 5823/14E. HIWAS.

H-4K, L-8I

RED RIVER HELIPORT (N02) 0 W UTC-7(-6DT) N36°42.59' W105°25.14'

DENVER

8617 B NOTAM FILE ABQ

HELIPAD H1: H55X55 (CONC) PERIMETER LGTS

SERVICE: LGT H1 perimeter lgt. ACTIVATE rotating bcn—CTAF. ACTIVATE perimeter lgts and windsock—CTAF.

HELIPORT REMARKS: Unattended. Gate code for pedestrian access heliport—CB617X. Vehicle gate locked, access by calling emergency dispatch at 575-754-6166. 493' to 2,675' terrain in all directions 1,320' to 5,280' from H1 pad. 353' p-lines 2,434' NE of H1 pad.

AIRPORT MANAGER: 575-754-2277

COMMUNICATIONS: CTAF/UNICOM 122.8

RESERVE (T16) 5 SW UTC-7(-6DT) N33°41.66' W108°51.00'
6360 B NOTAM FILE ABQ

ALBUQUERQUE
L-5D

RWY 06-24: H4777X50 (ASPH) S-12.5 PCN 3 F/C/Y/T MIRL

RWY 06: Tree.

RWY 24: PVASI(PSIL)—GA 4.0° TCH 40'. Trees.

SERVICE: LGT Lgt wind sock OTS indef. Rwy 24 PSIL OTS indef.
ACTIVATE MIRL Rwy 06-24—CTAF.

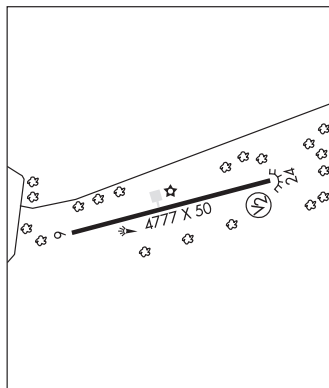
AIRPORT REMARKS: Unattended. Elk on and in/ovf arpt. Rwy 06-24 gradient
2% up W. Obstruction lgts on mountain peaks OTS indef. Arpt access
code 7360. Rwy 06-24 black X's painted on the rwy thlds.

AIRPORT MANAGER: 575-533-6423

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE SJN.

ST JOHNS (H) VORTAC 112.3 SJN Chan 70 N34°25.44'
W109°08.61' 149° 46.1 NM to fld. 6840/12E.



ROSWELL INTL AIR CENTER (ROW)(KROW) 3 S UTC-7(-6DT) N33°17.99' W104°31.76'
3671 B Class I, ARFF Index A NOTAM FILE ROW

ALBUQUERQUE
H-6F, L-6G
IAP, AD

RWY 03-21: H13001X150 (CONC-NONE) S-100, D-200, 2S-175,
2D-400 PCN 115R/C/W/T MIRL(NSTD)

RWY 03: VASI(V6L)—GA 3.0° TCH 50'. Rgt t/c. 0.3% down.

RWY 21: MALSR. 0.3% up.

RWY 17-35: H9999X100 (ASPH-GRVD) S-77, D-104, 2S-132,
2D-165 PCN 15 R/C/X/T MIRL

RWY 17: PAPI(P4L)—GA 3.0° TCH 49'. Rgt t/c.

RWY 35: PAPI(P4L)—GA 3.0° TCH 49'.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 03: TORA-13001 TODA-13001 ASDA-13001 LDA-13001

RWY 17: TORA-9999 TODA-9999 ASDA-9999 LDA-9999

RWY 21: TORA-13001 TODA-13001 ASDA-13001 LDA-13001

RWY 35: TORA-9999 TODA-9999 ASDA-9999 LDA-9999

SERVICE: S2 FUEL 100LL, JET A, A1+ OX 2 LGT Rwy 03-21 NSTD
MIRL located 75' from rwy edges, MIRL avbl on med ints only when
twr clsd. PAPI Rwy 17 unusable 8° right of centerline. ACTIVATE MIRL
Rwy 17-35 and MALSR Rwy 21—CTAF. PAPI Rwy 35, VASI Rwy 03,
and PAPI Rwy 17 opr continuously.

AIRPORT REMARKS: Attended 1300-0400Z†. For attendant after hrs call
575-347-2054 or 575-626-3697. For fuel after hrs call
575-347-2054. Be alert for birds on and in/ovf arpt. To exit ramp/FBO area after hrs use lgtd pedestrian gate W side of
terminal. To enter gate call 575-626-1827. Asp ramp clsd to large skid mounted helicopters. Helicopter parking on
general aviation ramp at west end of terminal bldg. Rwy 03-21 center 100' conc, 100' asph either side. Twy S
non-movement area.

AIRPORT MANAGER: 575-347-5703

WEATHER DATA SOURCES: ASOS (575) 347-0040

COMMUNICATIONS: CTAF 118.5 ATIS 128.45 UNICOM 122.95

RCO 122.45 (ALBUQUERQUE RADIO)

® APP/DEP CON 119.6 (EAST OF V291) 120.35 (WEST OF V291) (1300-0400Z†)

® ALBUQUERQUE CENTER APP/DEP CON 132.65 (EAST OF V291) (0400-1300Z†)

TOWER 118.5 (1300-0400Z†) GND CON 121.9 CLNC DEL 132.875

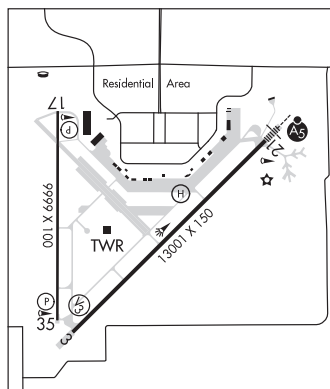
AIRSPACE: CLASS D svc 1300-0400Z† other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE ROW.

CHISUM (H) VORTAC 116.1 CME Chan 108 N33°20.25' W104°37.27' 104° 5.1 NM to fld. 3772/12E.
HIWAS.

TOPAN NDB (LOMW) 305 RO N33°21.92' W104°26.53' 218° 5.9 NM to fld. 3510/10E.

ILS/DME 109.9 I-ROW Chan 36 Rwy 21. Class II. LOM TOPAN NDB. Unmonitored when ATCT clsd.



RUIDOSO**SIERRA BLANCA RGNL** (SRR)(KSRR) 15 NE UTC-7(-6DT) N33°27.66' W105°31.81'

ALBUQUERQUE

6814 B Class IV, ARFF Index A NOTAM FILE SRR

H-4L, 6F, L-6F

RWY 06-24: H8120X100 (ASPH-PFC) S-60, D-115 PCN 26 F/A/X/T

IAP

MIRL

RWY 06: VASI(V2L)—GA 3.0° TCH 32'. 0.7% down.**RWY 24:** PVASI(PSIL)—GA 3.0° TCH 38'. 0.8% up.**RWY 12-30:** H6309X75 (ASPH) S-12.5 PCN 23 F/C/X/T MIRL

0.8% up NW

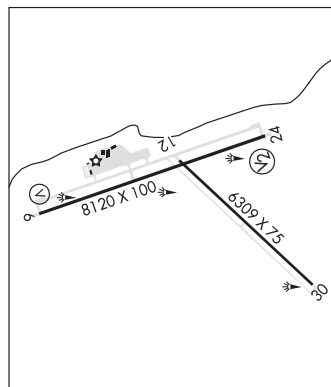
RUNWAY DECLARED DISTANCE INFORMATION**RWY 06:** TORA-8120 TODA-8120 ASDA-8120 LDA-8120**RWY 12:** TORA-6309 TODA-6309 ASDA-6309 LDA-6309**RWY 24:** TORA-8120 TODA-8120 ASDA-8120 LDA-8120**RWY 30:** TORA-6309 TODA-6309 ASDA-6309 LDA-6309**SERVICE:** S7 FUEL 100LL, JET A **OX 3** LGT ACTIVATE MIRL Rwy 06-24 and Rwy 12-30—CTAF.**AIRPORT REMARKS:** Attended continuously. For fuel 0300-1330Z; call 575-973-0074. CLOSED to air carriers using acft with more than 30 passenger seats except 24 hrs PPR ctc arpt manager 575-336-8111. Rwy 12-30 not avbl for air carrier ops with more than 30 passenger seats.**AIRPORT MANAGER:** 575-336-8111**WEATHER DATA SOURCES:** AWOS-3 126.475 (575) 336-8455.**COMMUNICATIONS:** CTAF/UNICOM 122.8**RUIDOSO RCO** 122.25 (ALBUQUERQUE RADIO)**ALBUQUERQUE CENTER APP/DEP CON** 132.65**RADIO AIDS TO NAVIGATION:** NOTAM FILE ROW.**CHISUM (H) VORTACW** 116.1 CME Chan 108 N33°20.25' W104°37.27' 267° 46.3 NM to fld. 3772/12E.

HIWAS.

CAPITAN NDB (MHW) 278 CEP N33°29.39' W105°24.26' 245° 6.5 NM to fld. 6562/10E. NOTAM FILE SRR.

NDB unusable:

Byd 25 NM blo 14,500'

ILS/DME 110.7 I-SRR Chan 44 Rwy 24. Class IE. LOC unusable byd 25° right of course. Unmonitored. LOC unusable byd 5° right of course byd 10 NM.**RUIDOSO** N33°27.71' W105°31.55'

ALBUQUERQUE

RCO 122.25 (ALBUQUERQUE RADIO)

L-6F

SANDIA AIRPARK ESTATES EAST (See EDGEWOOD on page 339)

SANTA FE MUNI (SAF)(KSAF) P (ARNG) 9 SW UTC-7(-6DT) N35°37.03' W106°05.37'

ALBUQUERQUE

6349 B TPA—See Remarks ARFF Index—See Remarks NOTAM FILE SAF

H-4L, 6F, L-8I

RWY 02-20: H8366X150 (ASPH-PFC) S-116, D-164, 2S-83, 2D-269

IAP, AD

PCN 46 F/C/X/T MIRL

RWY 02: VASI(V4L)—GA 3.0° TCH 69'. Hill. 0.9% up.**RWY 20:** REIL. VASI(V4L)—GA 3.0° TCH 54'. 0.9% down.**RWY 15-33:** H6316X100 (ASPH-GRVD) S-28, D-43.5

PCN 10 F/C/Y/T MIRL 0.7% up NW

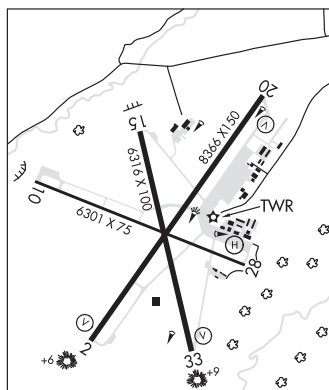
RWY 33: REIL. VASI(V4R)—GA 3.0° TCH 86'.**RWY 10-28:** H6301X75 (ASPH-PFC) S-12.5 PCN 4 F/C/Y/T MIRL

0.3% up E

RWY 10: REIL.**RWY 28:** Road.**SERVICE:** S6 **FUEL** 100LL, JET A1, A1+ **OX** 1, 2, 3, 4 **LGT** Rwy 15 pulse lgt apch slope indicator OTS permanently. Rwy 15 VASI OTS indef. When twr clsd **ACTIVATE** MIRL Rwy 02-20 and Rwy 15-33 via seven mike keys, MIRL Rwy 02-20 preset low ints, increase ints—CTAF.**MILITARY— FUEL** A+ (avbl 1300-0500Z†, C505-471-2525; OT call 1 hr PN rqr and \$50/hr fee.) (NC-100LL, A1, A1+) **FLUID** LHOXRB, SP**AIRPORT REMARKS:** Attended 1300-0500Z†. For svc after hrs call 505-471-7256 or 505-577-1844. PPR 24 hrs for air carrier ops with more than 30 passenger seats call arpt manager at 505-955-2900. Class I, ARFF Index A. ARFF Index B capable upon request. Voluntary noise abatement procedures www.santafenm.gov/airports. Rotary wing TPA—7000 (652).**AIRPORT MANAGER:** (505) 955-6622**WEATHER DATA SOURCES:** ASOS (505) 474-3117**COMMUNICATIONS:** CTAF 119.5 ATIS 128.55 **UNICOM** 122.95**RCO** 122.2 (ALBUQUERQUE RADIO)Ⓡ **ALBUQUERQUE CENTER APP/DEP CON** 132.8**TOWER** 119.5 (1400-0400Z†) **GND CON** 121.7**AIRSPACE:** CLASS D svc 1400-0400Z† other times CLASS G.**RADIO AIDS TO NAVIGATION:** NOTAM FILE SAF.(L) **VORTACW** 110.6 SAF Chan 43 N35°32.43' W106°03.90' 332° 4.7 NM to fld. 6268/13E.

VORTAC unusable:

015°-030° byd 30 NM blo 14,600'

ILS/DME 111.7 I-SGB Chan 54 Rwy 02. Class IE. Unmonitored when ATCT closed.**SANTA ROSA ROUTE 66** (SXU)(KSXU) 3 E UTC-7(-6DT) N34°56.14' W104°38.55'

ALBUQUERQUE

4791 B NOTAM FILE ABQ

H-6F, L-15A

RWY 01-19: H5013X75 (ASPH) S-12.5 PCN 5 F/D/Y/T MIRL**RWY 01:** Trees.**RWY 19:** PAPI(P2L)—GA 2.45° TCH 41'. Road.**RWY 08-26:** H4294X60 (ASPH) S-11.5 PCN 5 F/C/Y/T MIRL 0.4% up E**RWY 08:** Brush.**RWY 26:** PAPI(P2L)—GA 3.36° TCH 27'. Road.**SERVICE:** **FUEL** 100LL, JET A **LGT** MIRL Rwy 01-19 and Rwy 08-26 preset med ints 1300-0500Z†, to incr ints **ACTIVATE**—CTAF. After 0500Z† **ACTIVATE**—CTAF.**AIRPORT REMARKS:** Unattended. Fuel avbl 24 hrs with major credit card. Wildlife on and invof arpt. Rwy 01-19 +5' berm west of centerline near touchdown bars for Rwy 19. Gate access code # 9942. Emerg phone Santa Rosa Police Department 575-472-3605.**AIRPORT MANAGER:** 575-472-9942**WEATHER DATA SOURCES:** AWOS-3 118.1 (575) 472-9943.**COMMUNICATIONS:** CTAF/UNICOM 122.8**RADIO AIDS TO NAVIGATION:** NOTAM FILE ABQ.**ANTON CHICO (H) VORTAC** 117.8 ACH Chan 125 N35°06.70' W105°02.40' 106° 22.2 NM to fld. 5450/12E.

TACAN AZIMUTH unusable:

Wi 20 NM blo 20,000'

SANTA TERESA**DONA ANA CO INTL JETPORT** (DNA)(KDNA) 4 NW UTC-7(-6DT) N31°52.83' W106°42.20'**EL PASO**
H-4L, L-6F
IAP

4113 B AOE LRA NOTAM FILE ABQ

RWY 10-28: H9550X100 (ASPH) S-20 PCN 3 F/C/Y/T MIRL**RWY 10:** REIL. PAPI(P2L)—GA 3.0° TCH 43'. Railroad.**RWY 28:** REIL. PAPI(P4L)—GA 3.0° TCH 45'. Rgt tfc.**SERVICE:** S4 FUEL 100LL, JET A1+ OX 1, 2, 3, 4 LGT ACTIVATE

MIRL Rwy 10-28—122.725—5 clicks.

AIRPORT REMARKS: Attended 1400-0300Z†. 24 hr 100LL self svc avbl with major credit card. U.S. Customs user fee arpt. Parachute Jumping. U.S. CSTMS port of entry hrs of opr 1500-0500Z† phone 915-730-7402.**AIRPORT MANAGER:** 575-589-1232**WEATHER DATA SOURCES:** AWOS-3PT 124.175 (575) 589-2643.**COMMUNICATIONS:** CTAF/AUNICOM 122.725

EL PASO APP/DEP CON 119.15

RADIO AIDS TO NAVIGATION: NOTAM FILE ELP.**EL PASO (H) VORTACW** 115.2 ELP Chan 99 N31°48.95'

W106°16.91' 268° 21.9 NM to fld. 4020/12E.

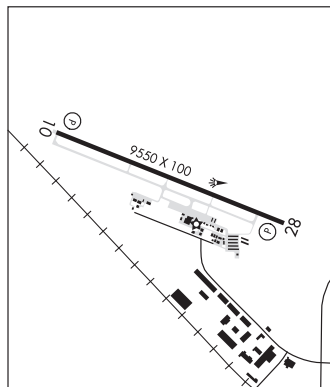
DME & TACAN AZIMUTH unusable:

260°-270° byd 30 NM blo 11,000'

270°-310° byd 30 NM blo 10,000'

VOR portion unusable:

310°-070° byd 25 NM blo 12,000'

**SHIPROCK AIRSTRIP** (5V5) 5 S UTC-7(-6DT) N36°41.86' W108°42.06'**DENVER**
H-4K, L-8H

5270 NOTAM FILE ABQ

RWY 02-20: H5210X75 (ASPH) S-11 PCN 3 F/D/Y/T 0.8% up S**RWY 02:** Pole.**AIRPORT REMARKS:** Unattended. Shallow drainage ditch entire length NW side of rwy. Several highway lgt poles in the apch area 40'-50' in height. Arpt access gate code 5248.**AIRPORT MANAGER:** (928) 551-8596**COMMUNICATIONS:** CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE FMN.**RATTLESNAKE (H) VORTACW** 115.3 RSK Chan 100 N36°44.90' W108°05.93' 250° 29.2 NM to fld. 5823/14E.

HIWAS.

SIERRA BLANCA RGNL (See RUIDOSO on page 353)

SILVER CITY

GRANT CO (SVC)(KSVC) 10 SE UTC-7(-6DT) N32°38.19' W108°09.38'

ALBUQUERQUE
H-4K, L-5D
IAP

5446 B Class III, ARFF Index A NOTAM FILE SVC

RWY 08-26: H6802X100 (ASPH) S-75, D-100, 2S-127 MIRL

RWY 08: REIL. PAPI(P4L)—GA 3.0° TCH 44'.

RWY 26: MALS. PAPI(P4L)—GA 3.0° TCH 45'.

RWY 17-35: 5473X75 (DIRT) 1.1% up N

RWY 17: Thld dsplcd 109'. Fence.

RWY 35: P-line.

RWY 12-30: 4675X75 (DIRT) 1.1% up NW

RWY 12: Fence.

RWY 30: Tower.

RWY 03-21: 4537X80 (DIRT) PCN 38 F/C/X/T 0.6% up NE

RWY 03: Pole.

RWY 21: Fence.

SERVICE: FUEL 100LL, JET A1 LGT REIL Rwy 08 39' tall located 9' from the edge of Twy A9. ACTIVATE MALS Rwy 26, MIRL Rwy 08-26 —CTAF.

AIRPORT REMARKS: Attended 1500-0000Z±. Acft may be parked near Rwy 17. Cattle and wildlife on and in/ov arpt. Rwy 17 dsplcd thld marked by tires in 'L' pattern. 5621 twr crane located northeast of arpt approximately 8800' fm AER 26 on the rwy centerline.

AIRPORT MANAGER: 575-313-9784

WEATHER DATA SOURCES: AWOS-3 126.725 (575) 388-5947. Ceiling unreliable.

COMMUNICATIONS: CTAF/UNICOM 122.8

RCO 122.1R 110.8T (ALBUQUERQUE RADIO)

Ⓡ **ALBUQUERQUE CENTER APP/DEP CON** 134.45

RADIO AIDS TO NAVIGATION: NOTAM FILE SVC.

SILVER CITY (L) VOR/DME 110.8 SVC Chan 45 N32°38.26' W108°09.66' at fld. 5423/13E.

VOR unusable:

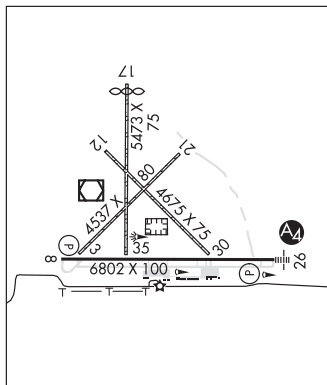
330°-355° byd 33 NM blo 13,500'

DME unusable:

330°-355° byd 33 NM blo 13,500'

COZEY NDB (LOMW) 251 SV N32°37.92' W108°03.80' 261° 4.7 NM to fld. 5350/12E. NOTAM FILE ABQ.

LOC/DME 111.7 I-SVC Chan 54 Rwy 26. LOM COZEY NDB. LOC unmonitored.



WHISKEY CREEK (94E) 4 E UTC-7(-6DT) N32°45.72' W108°12.50'

ALBUQUERQUE
H-4K, L-5D

6126 B NOTAM FILE ABQ

RWY 17-35: H5400X50 (ASPH) S-10 LIRL(NSTD)

RWY 17: REIL.

RWY 35: REIL. Brush.

SERVICE: S4 OX 4 LGT Lgtd windsock on top of hangar. Rwy 17 single non standard ODAL on fence 155 ft south of thld. Rwy 35 REIL single non-standard ODAL at thld. Rwy 17-35 NSTD LIRL, non-frangible posts with reflectors. Rwy 17 numbers and centerline stripes NSTD. Rwy 35 numbers and centerline stripes NSTD. For LIRL Rwy 17-35 key—123.0 3 times.

AIRPORT REMARKS: Attended Mon-Fri 1400-2300Z±. Rwy 17-35 CLOSED to acft over 10,000 lbs. Ditch on east side of rwy 18' from edge and 2' lower. Drop off at Rwy 17 end 18' from end of pavement. Rwy 17-35 +4' fence 75' left and right of centerline, 1300' from south end, +4' fence 75' east of centerline for length of rwy.

AIRPORT MANAGER: (575) 590-0461

COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE SVC.

SILVER CITY (L) VOR/DME 110.8 SVC Chan 45 N32°38.26' W108°09.66' 329° 7.8 NM to fld. 5423/13E.

VOR unusable:

330°-355° byd 33 NM blo 13,500'

DME unusable:

330°-355° byd 33 NM blo 13,500'

SILVER CITY N32°38.26' W108°09.66' NOTAM FILE SVC.

(L) **VOR/DME** 110.8 SVC Chan 45 at Grant Co. 5423/13E.

VOR unusable:

330°-355° byd 33 NM blo 13,500'

DME unusable:

330°-355° byd 33 NM blo 13,500'

RCO 122.1R 110.8T (ALBUQUERQUE RADIO)

SOCORRO MUNI (ONM)(KONM) 3 S UTC-7(-6DT) N34°01.35' W106°54.19'

4875 B NOTAM FILE ABQ

RWY 15-33: H5841X75 (ASPH) S-50, D-75, 2S-95 PCN 9 F/D/Y/T

MIRL 0.9% up NW

RWY 15: VASI(V2L)—GA 4.0° TCH 25'. Thld dspclcd 186'.**RWY 33:** VASI(V2L)—GA 4.0° TCH 26'. Thld dspclcd 182'.**RWY 06-24:** H4590X60 (ASPH) PCN 3 F/D/Y/T MIRL 1.8% up W**RWY 06:** Ground.**SERVICE:** FUEL 100LL LGT MIRL Rwy 15-33 preset low ints, to increase ints and ACTIVATE MIRL Rwy 06-24 and VASI Rwy 15 and Rwy 33—CTAF.**AIRPORT REMARKS:** Unattended. For emerg call 505-440-6119. 100LL avbl 24 hrs with major credit card. Gate code 4850. Rwy 15-33 +4-7' brush in primary sfc 70' from centerline west side, 95' from centerline east side. Rwy 06-24 +4-8' brush in primary sfc 50' from centerline south side.**AIRPORT MANAGER:** (505) 440-6119**WEATHER DATA SOURCES:** AWOS-3 118.325 (575) 838-3993.**COMMUNICATIONS:** CTAF/UNICOM 122.8**RCO** 122.1R 116.8T (ALBUQUERQUE RADIO)**ALBUQUERQUE CENTER APP/DEP CON** 124.325**RADIO AIDS TO NAVIGATION:** NOTAM FILE ABQ.**(H) VORTAC** 116.8 ONM Chan 115 N34°20.33' W106°49.23'

VOR unusable:

070°-079° byd 34 NM blo 14,000'

080°-170° byd 8 NM

270°-285° byd 36 NM blo 14,000'

TAC AZM unusable:

070°-080° byd 8 NM

270°-285° byd 22 NM

DME unusable:

070°-080° byd 27 NM blo 14,000'

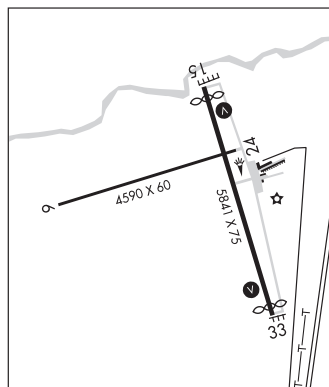
080°-170° byd 8 NM

270°-285° byd 22 NM

ALBUQUERQUE

H-4K, L-6F

IAF



179° 19.4 NM to fld. 4910/13E.

SPRINGER MUNI (S42) 1 S UTC-7(-6DT) N36°19.89' W104°37.07'

5891 B NOTAM FILE ABQ

RWY 01-19: H5003X60 (ASPH) S-8.5 PCN 3 F/D/Y/T MIRL

0.3% up S

RWY 01: Hill.**SERVICE:** LGT MIRL Rwy 01-19 preset low ints, to increase ints ACTIVATE—122.8.**AIRPORT REMARKS:** Unattended. Rwy arpt road gates locked, for entry and exit call 575-483-2321 extension 217 before arrival. No phone on arpt. Rwy 19 3' -10' drop off 30' from rwy edge west side first 300' from thld.**AIRPORT MANAGER:** 575-483-2321**COMMUNICATIONS:** CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE RTN.**CIMARRON (H) VORTAC** 116.4 CIM Chan 111 N36°29.48'W104°52.32' 115° 15.6 NM to fld. 6550/13E. **HIWAS.**

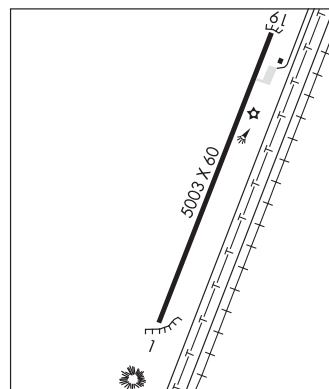
VORTAC unusable:

230°-290° byd 20 NM blo 18,000'

340°-010° byd 34 NM blo 11,000'

DENVER

H-6F L-15A



TAOS RGNL (SKX)(KSKX) 8 NW UTC-7(-6DT) N36°27.10' W105°40.39'
7095 B NOTAM FILE SKX

DENVER
H-4L, 6F, L-8J
IAP

RWY 13-31: H8600X100 (CONC-PFC) MIRL 0.7% up NW

RWY 13: REIL. PAPI(P4L)—GA 3.0° TCH 37'.

RWY 31: REIL. PAPI(P4L)—GA 3.0° TCH 40'.

RWY 04-22: H5504X75 (ASPH-PFC) S-24 PCN 4 F/D/Y/T MIRL
0.8% up NE

RWY 04: REIL. PAPI(P4L)—GA 3.0° TCH 40'.

RWY 22: PAPI(P4L)—GA 3.0° TCH 40'.

SERVICE: FUEL 100LL, JET A1+ LGT ACTIVATE MIRL Rwy 04-22,
REIL Rwy 04, Rwy 13, Rwy 31—CTAF.

AIRPORT REMARKS: Attended 1500-0000Z†. For Jet A fuel after hrs call
575-741-0800. 100LL self svc 24 hrs with major credit card. Avoid
overflight of Taos Pueblo World Heritage site 5 NM E of arpt. Rwy
04-22 parallel twy has retro-reflectors.

AIRPORT MANAGER: 575-758-4995

WEATHER DATA SOURCES: AWOS-3PT 132.975 (575) 758-5663.

COMMUNICATIONS: CTAF/UNICOM 122.8

RCO 117.6T 122.1R (ALBUQUERQUE RADIO)

RADIO AIDS TO NAVIGATION: NOTAM FILE SKX.

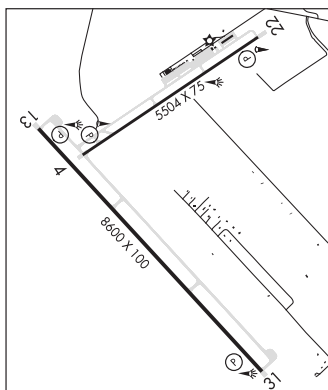
(L) VORTAC 117.6 TAS Chan 123 N36°36.53'

W105°54.38' 117° 14.7 NM to fld. 7860/13E.

DME portion unusable:

020°-100° byd 30 NM blo 18,000'

260°-330° byd 30 NM blo 17,000'



TATUM (18T) 3 E UTC-7(-6DT) N33°15.65' W103°16.71'
3986 B NOTAM FILE ABQ

ALBUQUERQUE
L-6G

RWY 12-30: H2920X60 (ASPH) S-10 PCN 3 F/C/Y/T

RWY 12: ODALS (NSTD) Fence.

RWY 30: ODALS (NSTD) Road.

SERVICE: LGT Rwy 12 NSTD ODALS, Rwy 30 NSTD ODALS-3 NSTD lgts on extended rwy centerline on less than standard
spacing. ODALS Rwy 12 and Rwy 30 OTS indef. Rotating bcn OTS indef.

AIRPORT REMARKS: Unattended. Wildlife on or in vicinity of arpt. Gate always locked. Phone near hangars, call police dept for
ride into town.

AIRPORT MANAGER: 575-398-4633

COMMUNICATIONS: CTAF 122.9

TOPAN N33°21.92' W104°26.53' NOTAM FILE ROW
NDB (LOMW) 305 RO 218° 5.9 NM to Roswell Intl Air Center. 3510/10E.

ALBUQUERQUE
L-6G

TRUTH OR CONSEQUENCES SHA N32°59.40' W106°58.05'/4621
AWOS-3P 118.675 (575) 267-8806

ALBUQUERQUE
L-6G

TRUTH OR CONSEQUENCES MUNI (TCS)(KTCS) 6 N UTC-7(-6DT) N33°14.12' W107°16.19' **ALBUQUERQUE**
 4862 B NOTAM FILE TCS **H-4K, L-6E**
IAP

RWY 13-31: H7202X75 (ASPH) S-410, D-59.5 PCN 15 F/C/X/T

MIRL 0.8% up NW

RWY 13: PAPI(P2L)—GA 3.0° TCH 40'.

RWY 31: PAPI(P2L)—GA 3.0° TCH 40'. Brush.

RWY 11-29: 6981X190 (GRVL) 0.9% up NW

RWY 11: Brush.

RWY 29: Fence.

RWY 01-19: 3302X130 (GRVL)

RWY 19: Road.

RWY 15-33: 3001X140 (GRVL) 0.6% up NW

RWY 15: Road.

RWY 33: Brush.

RWY 07-25: 2933X130 (GRVL) 0.7% up W

RWY 25: Brush.

SERVICE: FUEL 100LL, JET A1+ **LGT** ACTIVATE MIRL Rwy 13-31—CTAF.

AIRPORT REMARKS: Attended 1500-2300Z±. For fuel after hrs call 575-894-6199. Tfc on other rwys may not be visible due to brush. Sharp drop-offs approach end Rwy 07 and Rwy 01. Ultralight ops 5 NM of arpt. Rwy 07-25 +1' brush on rwy and scattered rough areas. Rwy 15-33 1' scattered brush on rwy. Rwy 01-19 sfc is rough containing large rocks. +1-2' grvl berms along edges of all grvl rwys. All grvl rwys do not have marked thld, hold or identification signs.

AIRPORT MANAGER: 575-894-6199

WEATHER DATA SOURCES: ASOS 120.675 (575) 894-2909. **HIWAS** 112.7 TCS.

COMMUNICATIONS: CTAF/UNICOM 122.8

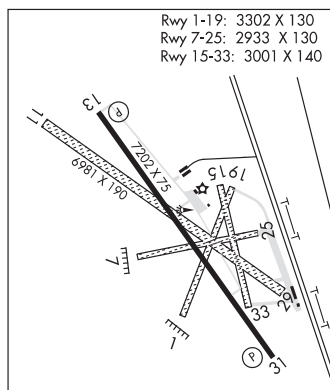
RCO 122.2 (ALBUQUERQUE RADIO)

Ⓡ **ALBUQUERQUE CENTER APP/DEP CON** 128.2

AIRSPACE: CLASS E svc 1500-2300Z± other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE TCS.

(H) **VORTACW** 112.7 TCS Chan 74 N33°16.95' W107°16.83' 156° 2.9 NM to fld. 4905/13E. **HIWAS.**



TUCUMCARI MUNI (TCC)(KTCC) 6 E UTC-7(-6DT) N35°10.97' W103°36.19' **ALBUQUERQUE**
 4065 B NOTAM FILE TCC **H-6G, L-15A**
IAP

RWY 03-21: H7104X100 (ASPH) S-25 PCN 10 F/C/Y/T MIRL

RWY 21: VASI(V4L)—GA 3.0° TCH 52'. Brush.

RWY 08-26: H4600X60 (ASPH) S-12 PCN 6 F/D/Y/T MIRL

0.6% up W

RWY 08: Road.

SERVICE: FUEL 100LL, JET A **LGT** After 0500Z± ACTIVATE MIRL Rwy 3-21 and Rwy 8-26—CTAF. ACTIVATE VASI Rwy 21—CTAF.

AIRPORT REMARKS: Attended 1400-0000Z±. Fuel avbl after hrs self serve with major credit card.

AIRPORT MANAGER: 575-461-3229

WEATHER DATA SOURCES: ASOS 119.275 (575) 461-4940. **HIWAS** 113.6 TCC.

COMMUNICATIONS: CTAF/UNICOM 122.95

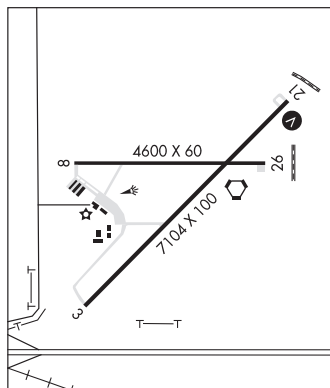
RCO 122.35 (ALBUQUERQUE RADIO)

ALBUQUERQUE CENTER APP/DEP CON 126.85

AIRSPACE: CLASS E svc 1500-2300Z± other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE TCC.

(H) **VORTACW** 113.6 TCC Chan 83 N35°10.93' W103°35.91' at fld. 4035/12E. **HIWAS.**



VAUGHN MUNI (N17) 1 NE UTC-7(-6DT) N34°36.27' W105°11.51'

ALBUQUERQUE

5936 B NOTAM FILE ABQ

H-4L, 6F, L-6G

RWY 09-27: H5150X60 (ASPH) S-12.5 PCN 3 F/D/Y/T 0.6% up W**RWY 09:** Pole.**RWY 27:** Rgt tfc.**SERVICE:** LGT Rwy 09-27 edge lighting retro-reflective.**AIRPORT REMARKS:** Unattended. Gate lock combination is arpt elevation. 417' AGL twrs 1 mile south of rwy.**AIRPORT MANAGER:** 575-584-2301**COMMUNICATIONS:** CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE ABQ.**CORONA (H) VORTAC** 115.5 CNX Chan 102 N34°22.02' W105°40.68' 046° 28.0 NM to fld. 6412/13E.

HIWAS.

VOR portion unusable:

115°-135° byd 35 NM blo 10,000'

DME portion unusable:

115°-135° byd 35 NM blo 10,000'

135°-185° byd 20 NM blo 12,000'

185°-205° byd 20 NM blo 13,000'

205°-260° byd 20 NM blo 14,000'

TACAN AZIMUTH unusable:

115°-119° byd 25 NM blo 10,000'

119°-121°

121°-135° byd 25 NM blo 10,000'

135°-185° byd 20 NM blo 12,000'

185°-205° byd 20 NM blo 13,000'

205°-215°

215°-245° byd 20 NM blo 14,000'

245°-260°

WHISKEY CREEK (See SILVER CITY on page 356)

ZUNI
ANDREW OTHOLE MEM (XNI)(KXNI) 4 W UTC-7(-6DT) N35°03.64' W108°56.26'

ALBUQUERQUE

6370 B NOTAM FILE ABQ Not insp.

H-4K, L-8H

RWY 06-24: H6000X75 (ASPH)**SERVICE:** LGT ACTIVATE MIRL Rwy 06-24—CTAF.**AIRPORT MANAGER:** 505-782-7282**COMMUNICATIONS:** CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE ABQ.**ZUNI (H) VORTACW** 113.4 ZUN Chan 81 N34°57.95' W109°09.27' 048° 12.1 NM to fld. 6550/14E. HIWAS.

TACAN AZIMUTH unusable:

305°-335° byd 15 NM

ZUNI N34°57.95' W109°09.27' NOTAM FILE ABQ.

PHOENIX

(H) VORTACW 113.4 ZUN Chan 81 048° 12.1 NM to Andrew Othole Mem. 6550/14E. HIWAS.

H-4K, L-8H

TACAN AZIMUTH unusable:

305°-335° byd 15 NM

RCO 122.05 (ALBUQUERQUE RADIO)

ABAJO PEAK N37°50.35' W109°27.73'
 RCO 122.55 (CEDAR CITY RADIO)

DENVER
 L-9D

BEAVER MUNI (U52) 4 SW UTC-7(-6DT) N38°13.84' W112°40.53'

LAS VEGAS
 L-9C
 IAP

5863 B NOTAM FILE CDC
RWY 13-31: H4984X75 (ASPH) S-12.5 MIRL 1.5% up SE

RWY 13: REIL. PAPI(P2L)—GA 3.0° TCH 40'.

RWY 31: REIL. PAPI(P2R)—GA 4.0° TCH 59'.

RWY 07-25: 2150X50 (DIRT)

RWY 07: Ground.

SERVICE: FUEL 100LL LGT ACTIVATE MIRL Rwy 13-31, REIL Rwy 13 and Rwy 31, and PAPI Rwy 13 and Rwy 31—CTAF.

AIRPORT REMARKS: Unattended. Fuel avbl 24 hrs, self svc credit card system. Birds invof arpt. Cold temperature rstd arpt. Altitude correction required at or blo -27C.

AIRPORT MANAGER: (435) 421-1008

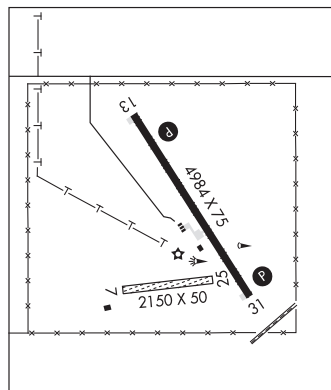
WEATHER DATA SOURCES: AWOS-3 119.925 (435) 438-5829.

COMMUNICATIONS: CTAF 122.9

SALT LAKE CENTER APP/DEP CON 125.575

RADIO AIDS TO NAVIGATION: NOTAM FILE BCE.

BRYCE CANYON (H) VORTACW 112.8 BCE Chan 75 N37°41.35'
 W112°18.23' 317° 36.9 NM to fld. 9040/15E.



BLANDING MUNI (BDG)(KBDG) 3 S UTC-7(-6DT) N37°35.00' W109°29.00'

DENVER
 H-3E, L-9D
 IAP

5868 B NOTAM FILE CDC

RWY 17-35: H5781X75 (ASPH) S-27 MIRL 1.6% up N

RWY 17: REIL. PAPI(P4L)—GA 3.0° TCH 40'.

RWY 35: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Road.

SERVICE: FUEL 100, 100LL, JET A LGT ACTIVATE MIRL Rwy 17-35, REIL and PAPI Rws 17 and 35—CTAF.

AIRPORT REMARKS: Attended continuously. Fuel 24 hr credit card svc avbl. Wildlife on and invof arpt.

AIRPORT MANAGER: 435-678-2791

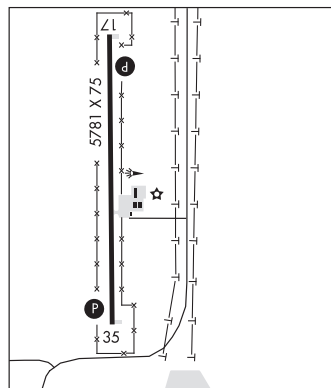
WEATHER DATA SOURCES: AWOS-2 127.75 (435) 678-2636.

COMMUNICATIONS: CTAF/UNICOM 122.8

DENVER CENTER APP/DEP CON 127.55

RADIO AIDS TO NAVIGATION: NOTAM FILE DEN.

DOVE CREEK (H) VORTACW 114.6 DVC Chan 93 N37°48.52'
 W108°55.88' 229° 29.6 NM to fld. 6990/14E.



BLUFF (66V) 4 SW UTC-7(-6DT) N37°15.30' W109°37.98'

DENVER
 L-8H, 9D

4476 NOTAM FILE CDC

RWY 03-21: H3000X45 (ASPH) 0.4% up NE

RWY 21: Hill.

AIRPORT REMARKS: Unattended. 14' hill 482' off AER 21.

AIRPORT MANAGER: 435-672-2281

COMMUNICATIONS: CTAF 122.9

RADIO AIDS TO NAVIGATION: NOTAM FILE DEN.

DOVE CREEK (H) VORTACW 114.6 DVC Chan 93 N37°48.52' W108°55.88' 211° 47.1 NM to fld. 6990/14E.

BOLINDER FLD—TOOELE VALLEY (See TOOELE on page 384)

BONNEVILLE N40°43.57' W113°45.45' NOTAM FILE CDC.
(H) VORTAC 112.3 BVL Chan 70 256° 12.4 NM to Wendover. 4220/12E.
 TACAN AZIMUTH unusable:
 305°-315°
 35 NM blo 14,000'
RCO 122.1R 112.3T (CEDAR CITY RADIO)

SALT LAKE CITY
 H-3D, L-9C, 11C

BOUNTIFUL

SKYPARK (BTF)(KBTF) 3 SW UTC-7(-6DT) N40°52.16' W111°55.63'

SALT LAKE CITY
 L-9C, 11D

4234 B TPA-5034(800) NOTAM FILE CDC
RWY 17-35: H4700X70 (ASPH) S-12.5 LIRL

RWY 17: PAPI(P2L)—GA 3.5° TCH 42'. Thld dsplcd 390'. Pole.

RWY 35: PAPI(P2L)—GA 3.5° TCH 42'. Thld dsplcd 385'. Tree. Rgt ttc.

SERVICE: S4 FUEL 100LL, JET A LGT ACTIVATE LIRL Rwy
 17-35—CTAF. PAPI Rwy 17 and Rwy 35 opr 24 hrs.

AIRPORT REMARKS: Attended Apr-Sep Mon-Fri 1500-0100Z†, Apr-Sep Sat
 1500-0100Z†, Oct-Mar Mon-Fri 1500-0000Z†, Oct-Mar Sat
 1500-0000Z†, Sun 1500-2000Z†. Sun call after hours
 801-589-1243. 100LL and JET A self svc fuel avbl 24 hrs with credit
 card. Rwy 17-35 all dep will be to the E.

AIRPORT MANAGER: 801-678-1293

COMMUNICATIONS: CTAF/UNICOM 122.8

CLNC DEL 120.7

RADIO AIDS TO NAVIGATION: NOTAM FILE SLC.

WASATCH (H) VORTAC 116.8 TCH Chan 115 N40°51.02'
 W111°58.91' 049° 2.7 NM to fld. 4220/16E.

VOR portion unusable:

015°-030° blo 26,000'

030°-050° byd 20 NM

050°-085° byd 20 NM blo 18,000'

085°-125° byd 30 NM blo 15,000'

360°-015° byd 20 NM blo 17,000'

DME unusable:

030°-080° byd 17 NM blo 17,000'

030°-080° byd 25 NM

080°-140° byd 17 NM blo 15,000'

080°-140° byd 25 NM

TACAN AZIMUTH unusable:

030°-140°

TACAN AZIMUTH & DME unusable:

185°-220° byd 25 NM blo 16,000'

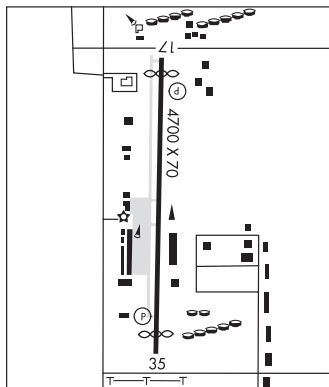
260°-290° byd 25 NM blo 11,000'

350°-360° byd 30 NM blo 16,000'

360°-030° byd 17 NM blo 16,000'

360°-030° byd 30 NM

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc SLC Apch at 801-325-9670.



BRIGHAM CITY RGNL (BMC)(KBMC) 3 NW UTC-7(-6DT) N41°33.26' W112°03.74'
4230 B NOTAM FILE CDC

RWY 17-35: H8900X100 (ASPH-GRVD) S-30 MIRL

RWY 17: REIL. PAPI(P2L)—GA 3.0° TCH 41'.

RWY 35: REIL. PAPI(P2L)—GA 3.0° TCH 42'.

SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTIVATE MIRL Rwy 17-35, REIL Rwy 17 and Rwy 35, and PAPI Rwy 17 and Rwy 35—CTAF.

AIRPORT REMARKS: Attended Mon-Sat 1500-0100Z±. Self svc 100LL avbl 24 hrs with credit card. Birds invof apch end of Rwy 17.

AIRPORT MANAGER: 435-226-1437

WEATHER DATA SOURCES: AWOS-3 135.075 (435) 723-3852.

COMMUNICATIONS: CTAF/UNICOM 123.05

® **SALT LAKE CITY APP/DEP CON** 121.1

CLNC DEL 126.0

RADIO AIDS TO NAVIGATION: NOTAM FILE CDC.

(L) **VOR/DME** 112.9 LHO Chan 76 N41°47.57'

W112°00.59' 175° 14.5 NM to fld. 5370/14E.

VOR portion unusable:

010°-045° byd 20 NM blo 15,000'

045°-070° byd 20 NM blo 16,000'

070°-110° byd 20 NM blo 15,000'

110°-155° byd 15 NM blo 12,000'

155°-215° byd 15 NM blo 15,000'

155°-215° byd 20 NM

305°-320° byd 20 NM blo 15,000'

DME portion unusable:

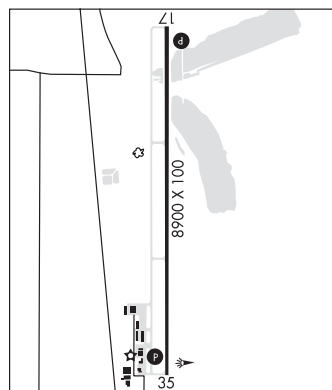
010°-045° byd 20 NM blo 15,000'

045°-070° byd 20 NM blo 16,000'

070°-125° byd 20 NM blo 15,000'

155°-245° byd 15 NM

245°-320° byd 20 NM blo 15,000'



SALT LAKE CITY
H-3D, L-11D
IAP

BRYCE CANYON (BCE)(KBCE) 4 N UTC-7(-6DT) N37°42.39' W112°08.75'
7590 B NOTAM FILE BCE

RWY 03-21: H7395X75 (ASPH-PFC) S-30 MIRL 0.5% up SW

RWY 03: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Road.

RWY 21: REIL. PAPI(P2L)—GA 3.0° TCH 40'.

SERVICE: **FUEL** 100LL, JET A **LGT** ACTIVATE MIRL Rwy 03-21, PAPI and REIL Rwy 03 and Rwy 21—CTAF.

AIRPORT REMARKS: Attended Jan-Dec Mon-Fri 1500-2330Z±. For fuel after hrs call 435-690-9498. Cold temperature rstd arpt. Alt correction required at or blo -30C.

AIRPORT MANAGER: 435-834-5239

WEATHER DATA SOURCES: ASOS 135.475 (435) 834-5270.

COMMUNICATIONS: CTAF/UNICOM 122.8

RCO 122.2 (CEDAR CITY RADIO)

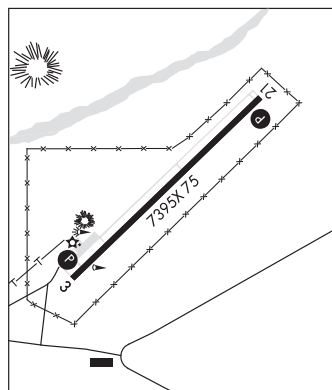
SALT LAKE CENTER APP/DEP CON 133.6

AIRSPACE: CLASS E

RADIO AIDS TO NAVIGATION: NOTAM FILE BCE.

(H) **VORTACW** 112.8 BCE Chan 75 N37°41.35'

W112°18.23' 067° 7.6 NM to fld. 9040/15E.



LAS VEGAS
H-3D, L-9C
IAP

BULLFROG BASIN (See GLEN CANYON NATL REC AREA on page 367)

BULLFROG BASIN N37°32.57' W110°42.24'
RCO 122.4 (CEDAR CITY RADIO)

DENVER
H-3D, L-9D

CAL BLACK MEM (See HALLS CROSSING on page 367)

CANYONLANDS FLD (See MOAB on page 375)

CARBON CO RGNL/BUCK DAVIS FLD (See PRICE on page 378)

CEDAR CITY RGNL (CDC)(KCDC) 2 NW UTC-7(-6DT) N37°42.06' W113°05.93'

5622 B TPA-6399(777) Class I, ARFF Index A NOTAM FILE CDC

LAS VEGAS

H-3D, L-9C

IAP, AD

RWY 02-20: H8650X150 (ASPH-GRVD) S-75, D-100, 2S-127,
2D-150 PCN 33 F/B/X/U HIRL**RWY 02:** REIL. PAPI(P4L)-GA 3.0° TCH 56'. 0.4% up.**RWY 20:** MALSR. PAPI(P4L)-GA 3.0° TCH 53'. Rgt tfc.**RWY 08-26:** H4822X60 (ASPH) S-16.5 PCN 2 F/B/Z/U MIRL
0.9% up E**RWY 08:** REIL. PAPI(P4L)-GA 3.0° TCH 47'. Pole.**RWY 26:** REIL. Road. Rgt tfc.**RUNWAY DECLARED DISTANCE INFORMATION****RWY 02:** TORA-8650 TODA-8650 ASDA-8650 LDA-8650**RWY 08:** TORA-4822 TODA-4822 ASDA-4822 LDA-4822**RWY 20:** TORA-8650 TODA-8650 ASDA-8650 LDA-8650**RWY 26:** TORA-4822 TODA-4822 ASDA-4822 LDA-4822**SERVICE:** S4 FUEL 100LL, JET A OX 3, 4 LGT ACTIVATE HIRL Rwy
02-20 and MIRL Rwy 08-26, MALSR Rwy 20, REIL Rwy 02 and Rwy
08 and Rwy 26-CTAF. PAPI Rwy 02, Rwy 20 and Rwy 08 opr
continuously.**AIRPORT REMARKS:** Attended dalgt hrs. For after hrs svc call

435-586-4504. 100LL fuel avbl 24 hrs self-svc credit card system.

Arpt surface conditions unmonitored 0200-1400Z† daily. Extensive

helicopter activity. Extensive flight training invof arpt. CLOSED to unscheduled air carrier ops with more than 30 passenger

seats except 24 hr PPR call Cedar City Fire department 435-586-2964 arpt manager 435-867-9408. General Aviation

acft not permitted on Air Carrier ramp. Rwy 08-26 Twy B not avbl for air carrier acft with over 30 passenger seats.

Designated calm wind rwy (blo 5 knots) is Rwy 20, rgt tfc. Recommend pilots circle arpt for altitude before departing

eastbound due to fast rising terrain and high density altitude. Turbulence likely invof mountains and passes. Due to crown

in Rwy 02-20 departing acft are unable to observe acft departing in opposite direction. No autorotation trng to helipad.

Rwy 02-20 clsd to heli run-on landing. Rwy 08-26, east of Rwy 20, clsd to heli run-on landing. Twy D, north of Rwy

08-26 clsd to heli run-on landing. Rwy 02 left traffic pattern exc helicopters. Rwy 20 right traffic exc helicopters. NOTE:

See Special Notice-Extensive Flight Training in vicinity of Cedar City Municipal Airport.

AIRPORT MANAGER: 435-867-9408**WEATHER DATA SOURCES:** ASOS 119.025 (435) 867-0278.**COMMUNICATIONS:** CTAF/UNICOM 123.0

RCO 122.6 122.2 (CEDAR CITY RADIO)

AIRSPACE: CLASS E**RADIO AIDS TO NAVIGATION:** NOTAM FILE CDC.**ENOCH (H) VOR/DME** 117.3 EHK Chan 120 N37°47.24' W113°04.09' 180° 5.4 NM to fld. 5464/16E.

VOR unusable:

088°-135° byd 10 NM blo 13,500'

088°-135° byd 15 NM

135°-175° byd 20 NM

215°-255° byd 35 NM blo 10,500'

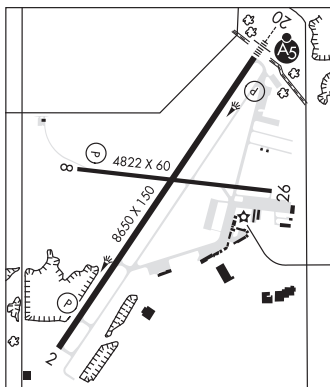
DME unusable:

088°-135° byd 10 NM blo 13,500'

088°-135° byd 15 NM

135°-175° byd 20 NM

215°-255° byd 35 NM blo 10,500'

ILS 110.1 I-ECC Rwy 20. Class IE. LOM unusable 070°-150° byd 8 NM blo 14,000'.**DELLE** N40°50.88' W112°48.03'

RCO 122.5 (CEDAR CITY RADIO)

SALT LAKE CITY

H-3D, L-9C, 11C

DELTA MUNI (DTA)(KDTA) 3 NE UTC-7(-6DT) N39°23.02' W112°30.13'

4759 B NOTAM FILE CDC

RWY 17-35: H5502X75 (ASPH) S-16 MIRL**RWY 17:** REIL. PAPI(P2L)—GA 3.0° TCH 31' . Road.**RWY 35:** REIL. PAPI(P2L)—GA 3.0° TCH 30' .**SERVICE:** FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 17-35, PAPI Rwy 17 and Rwy 35 and REIL Rwy 17 and Rwy 35—CTAF.**AIRPORT REMARKS:** Unattended. 24 hour self svc credit card fuel avbl. Rwy 17-35 15' knoll, unable to see acft on opposite end. Rwy 17-35 marking fading loss of beads.**AIRPORT MANAGER:** 435-864-2759**WEATHER DATA SOURCES:** AWOS-3 127.75 (435) 864-4241.**COMMUNICATIONS:** CTAF/UNICOM 122.8

RCO 122.55 (CEDAR CITY RADIO)

RADIO AIDS TO NAVIGATION: NOTAM FILE CDC.

(H) VORTACW 116.1 DTA Chan 108 N39°18.13' W112°30.33' 346° 4.9 NM to fld. 4642/16E.

VOR portion unusable

045°-090° byd 25 NM blo 10,700'

LAS VEGAS

H-3D, L-9C

IAP

DUCHESNE MUNI (U69) 2 NE UTC-7(-6DT) N40°11.63' W110°22.98'

5831 B NOTAM FILE CDC

RWY 17-35: H5800X60 (ASPH) S-12.5 MIRL 0.6% up N**RWY 17:** REIL. PAPI(P2L)—GA 3.0° TCH 40' . Fence.**RWY 35:** REIL. PAPI(P2L)—GA 3.0° TCH 40' .**RWY 08-26:** 4390X75 (DIRT) 0.6% up W**RWY 08:** Fence.**RWY 26:** Tree.**SERVICE:** FUEL 100LL LGT ACTIVATE MIRL Rwy 17-35 and PAPI Rwy 17 and Rwy 35 and REIL Rwy 17 and Rwy 35—CTAF.**AIRPORT REMARKS:** Attended on call. Fuel card avbl; 435-733-0301. 3000' of usable rwy length east of Rwy 17-35.**AIRPORT MANAGER:** (435) 733-0301**COMMUNICATIONS:** CTAF/UNICOM 122.8

MYTON RCO 112.7T 122.1R (CEDAR CITY RADIO)

RADIO AIDS TO NAVIGATION: NOTAM FILE CDC.

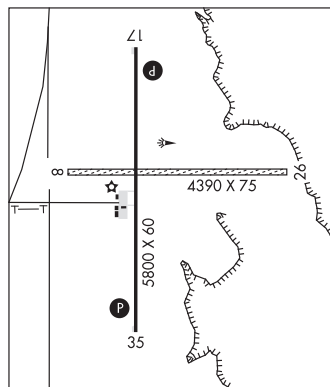
MYTON (H) VOR/DME 112.7 MTU Chan 74 N40°08.95'

W110°07.62' 269° 12.1 NM to fld. 5401/14E.

SALT LAKE CITY

H-3E, L-9D, 11D

IAP

**DUGWAY PROVING GROUND** (See MICHAEL AAF (DUGWAY PROVING GROUND) on page 374)**DUTCH JOHN** (33U) 1 SW UTC-7(-6DT) N40°55.07' W109°23.44'

6561 NOTAM FILE CDC

RWY 11-29: H6000X60 (ASPH) 0.3% up E**RWY 07-25:** 4450X100 (TURF-DIRT)**AIRPORT REMARKS:** Unattended. Rwy 07-25 CLOSED indef. Deer and elk on and in/ovf arpt. Limited snow plowing during winter months. Rwy 11-29 shortened on northwest end. Acft in excess of 12,500 lbs maximum gross weight prohibited from using arpt. Two crossing dirt/turf rwys appear to be open but are CLOSED and not maintained.**AIRPORT MANAGER:** 435-784-3218**COMMUNICATIONS:** CTAF 122.9**RADIO AIDS TO NAVIGATION:** NOTAM FILE VEL.

VERNAL (L) VOR/DME 108.2 VEL Chan 19 N40°22.74' W109°29.60' 353° 32.6 NM to fld. 5344/15E.

VOR portion unusable:

220°-260° byd 23 NM blo 15,000'

DME unusable:

070°-080° byd 30 NM blo 12,000'

200°-260° byd 15 NM blo 17,000'

SALT LAKE CITY

H-3E, L-9D, 11D

ENOCH N37°47.24' W113°04.09' NOTAM FILE CDC.
(H) VORW/DME 117.3 EHK Chan 120 180° 5.4 NM to Cedar City Rgnl. 5464/16E.

LAS VEGAS
H-3D, L-9C

VOR unusable:
088°-135° byd 10 NM blo 13,500'
088°-135° byd 15 NM
135°-175° byd 20 NM
215°-255° byd 35 NM blo 10,500'
DME unusable:
088°-135° byd 10 NM blo 13,500'
088°-135° byd 15 NM
135°-175° byd 20 NM
215°-255° byd 35 NM blo 10,500'

ESCALANTE MUNI (1L7) 2 SE UTC-7(-6DT) N37°44.72' W111°34.21'
5737 B NOTAM FILE CDC

LAS VEGAS
H-3D, L-9C

RWY 13-31: H5032X60 (ASPH) S-12.5 PCN 10 F/B/Y/T MIRL 0.4% up NW

RWY 13: REIL. PAPI(P2L)—GA 3.0° TCH 36'. Rgt tfc.

RWY 31: REIL. PAPI(P2L)—GA 3.0° TCH 36'.

SERVICE: FUEL 100LL LGT Rwy 13-31 numerous rwy lgts broken. ACTIVATE MIRL Rwy 13-31—CTAF.

AIRPORT REMARKS: Unattended. Clsd landing strip is used for state highway mix, from air it looks like a rwy.

AIRPORT MANAGER: (435) 616-4002

COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE BCE.

BRYCE CANYON (H) VORTACW 112.8 BCE Chan 75 N37°41.35' W112°18.23' 069° 35.1 NM to fld. 9040/15E.

FAIRFIELD N40°16.49' W111°56.43' NOTAM FILE CDC.
(H) VORTACW 116.6 FFU Chan 113 092° 10.5 NM to Provo Muni. 7690/16E.

SALT LAKE CITY
H-3D, L-9C, 11D

VORTAC unusable:
005°-040° byd 30 NM blo 12,900'
040°-060° byd 10 NM blo 16,000'
060°-090° byd 25 NM blo 12,600'
TACAN AZIMUTH unusable:
325°-350°
VOR unusable:
090°-105° byd 20 NM blo 15,000'
105°-142° byd 30 NM blo 17,000'
RCO 122.25 (CEDAR CITY RADIO)

FILLMORE MUNI (FOM)(KFOM) 2 W UTC-7(-6DT) N38°57.49' W112°21.79'
4985 B NOTAM FILE CDC

LAS VEGAS
H-3D, L-9C
IAP

RWY 04-22: H5040X75 (ASPH) S-12.5 MIRL 1.4% up NE

RWY 04: PAPI(P2L)—GA 3.0° TCH 28'.

RWY 22: PAPI(P2L)—GA 3.0° TCH 30'. Road.

SERVICE: FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 04-22 PAPI
Rwy 04 and Rwy 22—CTAF.

AIRPORT REMARKS: Attended continuously. Fuel 24 hr credit card svc avbl.

AIRPORT MANAGER: 435-743-6150

WEATHER DATA SOURCES: AWOS-3 133.775 (435) 743-4182.

COMMUNICATIONS: CTAF/UNICOM 122.8

SALT LAKE CENTER APP/DEP CON 125.575

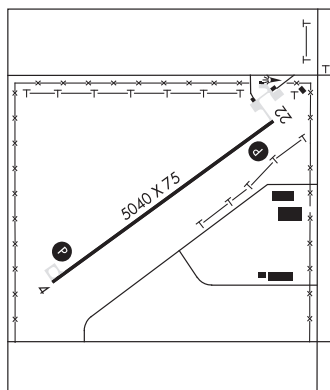
RADIO AIDS TO NAVIGATION: NOTAM FILE CDC.

DELTA (H) VORTACW 116.1 DTA Chan 108 N39°18.13'

W112°30.33' 146° 21.7 NM to fld. 4642/16E.

VOR portion unusable

045°-090° byd 25 NM blo 10,700'



FRANCIS PEAK N41°01.98' W111°50.31'
RCO 122.2 (CEDAR CITY RADIO)

SALT LAKE CITY
L-9C, 11C

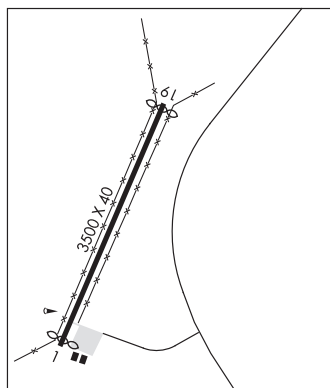
GENERAL DICK STOUT FLD (See HURRICANE on page 370)

GLEN CANYON NATL REC AREA**BULLFROG BASIN** (U07) 5 N UTC-7(-6DT) N37°32.75' W110°42.79'

DENVER

4167 NOTAM FILE CDC

L-9C

RWY 01-19: H3500X40 (ASPH) S-12.5**RWY 01:** Thld dsplcd 82'. Hill.**RWY 19:** Thld dsplcd 65'. Hill.**SERVICE:** LGT Rwy 01-19 LIRL for National Park Service use only.**AIRPORT REMARKS:** Unattended. National Park Service acct frequently use NSTD tfc pattern monitor—CTAF. Rwy 01-19 NSTD markings non-stld line widths on centerline, numbers and dsplcd thld. No holdshort lines. UNICOM monitored 1400-0200Z†.**AIRPORT MANAGER:** 928-608-6301**COMMUNICATIONS:** CTAF/UNICOM 122.8**RCO** 122.4 (CEDAR CITY RADIO)**RADIO AIDS TO NAVIGATION:** NOTAM FILE BCE.**BRYCE CANYON (H) VORTACW** 112.8 BCE Chan 75 N37°41.35' W112°18.23' 081° 76.3 NM to fld. 9040/15E.**GREEN RIVER MUNI** (U34) 4 SW UTC-7(-6DT) N38°57.68' W110°13.64'

DENVER

4225 B NOTAM FILE CDC

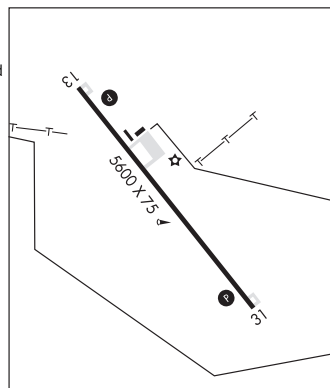
H-3E, L-9C

RWY 13-31: H5600X75 (ASPH) S-12 MIRL**RWY 13:** REIL. PAPI(P2L)—GA 3.0° TCH 40'.**RWY 31:** REIL. PAPI(P2L)—GA 3.0° TCH 40'.**SERVICE:** LGT ACTIVATE MIRL Rwy 13-31, PAPI Rwy 13 and Rwy 31 and REIL Rwy 13 and Rwy 31—CTAF.**AIRPORT REMARKS:** Unattended. Self serve fuel avbl. AvGas 100LL.**AIRPORT MANAGER:** 435-564-3448**COMMUNICATIONS:** CTAF/UNICOM 122.8**RADIO AIDS TO NAVIGATION:** NOTAM FILE CDC.**HANKSVILLE (H) VORTACW** 115.9 HVE Chan 106 N38°25.01' W110°41.98' 019° 39.5 NM to fld. 4430/15E.

VORTAC unusable

160°-180° byd 15 NM blo 9,500'

030°-060° byd 25 NM blo 7,500'

**HALLS CROSSING****CAL BLACK MEM** (U96) 10 E UTC-7(-6DT) N37°26.12' W110°33.86'

DENVER

4388 B NOTAM FILE CDC

H-3E, L-9D

RWY 01-19: H5700X60 (ASPH) S-12.5 MIRL 0.7% up N**RWY 01:** PAPI(P2L)—GA 3.0° TCH 40'. Hill.**RWY 19:** PAPI(P2L)—GA 3.0° TCH 40'.**SERVICE:** FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 01-19 and PAPI Rwy 01 and Rwy 19—CTAF.**AIRPORT REMARKS:** Attended continuously.**AIRPORT MANAGER:** (435) 485-0392**WEATHER DATA SOURCES:** AWOS-3 134.375 (435) 684-2405.**COMMUNICATIONS:** CTAF/UNICOM 123.0**HALLS CROSSING RCO** 122.4 (CEDAR CITY RADIO)**RADIO AIDS TO NAVIGATION:** NOTAM FILE PGA.**PAGE (L) VOR/DME** 117.6 PGA Chan 123 N36°55.86' W111°26.85' 041° 52.0 NM to fld. 4277/13E.

HIWAS.

VOR/DME unusable:

105°-230° byd 30 NM blo 11,000'

230°-245° byd 30 NM blo 12,000'

HALLS CROSSING N37°26.53' W110°34.18'

DENVER

RCO 122.4 (CEDAR CITY RADIO)

L-9D

HANKSVILLE (HVE)(KHVE) 3 N UTC-7(-6DT) N38°25.08' W110°42.24'

DENVER
H-3E, L-9D

4446 B NOTAM FILE CDC

RWY 08-26: H5675X75 (ASPH) S-12.5 LIRL 0.4% up W

RWY 08: Thld dsplcd 600'.

RWY 26: Thld dsplcd 600'.

RWY 17-35: 2600X120 (DIRT) 0.3% up N

RWY 17: Fence.

RWY 35: Actf.

AIRPORT REMARKS: Unattended. Rwy 17-35 unusable south of Rwy 09-27, patches of vegetation growing on rwy. Rws 08 and 26 dsplcd thlds painted but not lgtd.

AIRPORT MANAGER: 801-715-2260

WEATHER DATA SOURCES: AWOS-3 120.0 (435) 542-1020.

COMMUNICATIONS: CTAF/UNICOM 122.8

RCO 122.65 (CEDAR CITY RADIO)

RADIO AIDS TO NAVIGATION: NOTAM FILE CDC.

(H) **VORTACW** 115.9 HVE Chan 106 N38°25.01' W110°41.98' at fld. 4430/15E.

VORTAC unusable

160°-180° byd 15 NM blo 9,500'

030°-060° byd 25 NM blo 7,500'

HEBER CITY MUNI — RUSS MCDONALD FLD (HCR)(KHCR) 1 S UTC-7(-6DT) N40°28.91'

SALT LAKE CITY
H-3D, L-9D, 11D
IAP

W111°25.73'

5637 B NOTAM FILE CDC

RWY 04-22: H6898X75 (ASPH) S-30 PCN 32 F/B/X/T MIRL

0.8% up NE

RWY 22: PAPI(P4L)—GA 4.0° TCH 42'. Pole.

SERVICE: S4 **FUEL** 100LL, JET A, UL94 **OX** 1, 2 **LGT** Rwy 22 PAPI unusable byd 3.5 NM from thld and 6° from centerline. **ACTIVATE** MIRL Rwy 04-22 and PAPI Rwy 22—CTAF.

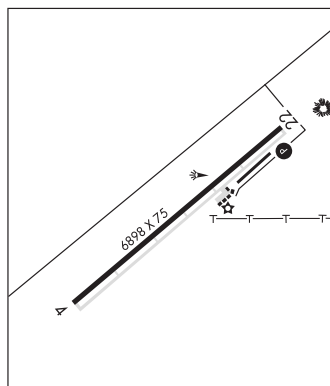
AIRPORT REMARKS: Attended May-Oct 1430-0130Z†, Nov-Apr 1500-0000Z†. Glider activity on and infov arpt. Balloon activity on and infov arpt in summer months during morning hrs. Snow removal daylight hrs only during winter months. Acft departing south-southwest bound be aware of high tfc volume descending to 16,000' over SPANE intersection. Landing fees (transient acft more than 8,000 lbs MTOW) \$4.00 per 1,000 lbs. MTOW landing fees (transient acft less than 8,000 lbs MTOW) \$4.00.

AIRPORT MANAGER: 435-654-4854

WEATHER DATA SOURCES: AWOS-3PT 124.825 (435) 657-0892.

COMMUNICATIONS: CTAF/UNICOM 122.8

SALT LAKE CENTER APP/DEP CON 119.95



HILL AFB (HIF)(KHIF) AF 6 S UTC-7(-6DT) N41°07.44' W111°58.38'

4789 B TPA—See Remarks NOTAM FILE HIF Not insp.

RWY 14-32: H13500X200 (PEM-PFC) PCN 55 R/B/W/T HIRL

RWY 14: ALSF2. REIL. PAPI(P4L)—GA 2.8° TCH 59'. RVR-T

RWY 32: ODALS. REIL. PAPI(P4L)—GA 2.5° TCH 53'. RVR-R Rgt tfc.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 14: TORA-13508 TODA-13508

RWY 32: TORA-13508 TODA-13508

ARRESTING GEAR/SYSTEM

RWY 14 BAK-14 BAK-12B(B) (1250) HOOK BAK-12B(B) (2574)

HOOK BAK-12B(B) (2584) BAK-14 BAK-12B(B) (1250) **RWY 32**

SERVICE: S4 OX 1, 2 LGT PAPI RRP and ILS RPI not coincidental. Tallest lgt on Rwy 32 ODAL 31'. AGL. **MILITARY—A-GEAR** BAK-12B dep end active rwy in raised posn, 15 min (30 min non-duty hr) PN rqr to erect on apch end of act rwy.

BAK-12B/14 O/R fr twr. **JASU** 4(MA-1A) 7(A/M32A-86) 5(AM32A-60) **FUEL** A++ **FLUID** SP PRESAIR LHOX LOX De-Ice **OIL** O-128-133-148-156; JOAP-4 hr PN rqr DSN 777-1861. **TRAN ALERT** Opr 1500-0300Z† Mon-Sat, 1600-0000Z† Sat-Sun, clsd fed hol. Aflid clsd to tran acct 0300-0700Z† dly Mon-Sat, clsd fed hol. De-icing avbl all acct.

MILITARY REMARKS: Opr 1500-0700Z† Mon-Sat, 1600-0000Z† Sat-Sun, clsd fed hol. See FLIP AP/1 Supplementary Arpt Remark. **RSTD** Engine running offloads unauthorized. PPR all acct ctc Base AMOPS DSN 777-1861, C801-777-1861.

Tran acct with unexpected live ordnance unauthorized without prior coord. Lifeguard/MEDEVAC/Search and Rescue/Msn essential acct ctc AMOPS DSN 777-1861, C801-777-1861 fax extension 2221 as soon as possible prior to arr to ensure coord will be completed. VIP acct ctc PTD 30 min prior to ETA with firm block time. **CAUTION** Parachute Jumping exercises east of Ogden Arpt, 4 NM north of HIF 1 NM east of final. Rwy 14-32 breaking action poor on asph portions of rwy, during and immediately following significant rainfall events. Heavy airline and civ tfc on apch and departure. Strict adherence to ATC alt and heading mandatory. Exp turbulence apch and ldg Rwy 14 during medium to high sfc winds. Wind velocity may vary from apch to departure end of rwy. Do not mistake Ogden Arpt 4.5 NM north for Hill AFB. Acft departures should not exceed 6300' until past departure end of rwy to avoid overhead tfc pat. Rwy cond code not reported.

TFC PAT TPA—Rectangular 6300(1511), overhead 6800(2011), maintain 6800(2011) until turning base leg. USAF (AF, ANG, AFRC) fighter acct exp resumed rwy separation day, VFR—3000' between similar acct, 6000' between dissimilar acct. Variations exist for different type opr. Tran fighter acct must notify twr on initial ctc if reduced rwy separation is not desired. Rgt breaks for Rwy 32. **NS ABTMT** Strict adherence to NS ABTMT rqr. Tran acct rstd to straight-in full stop only on weekends, hol, and on weekdays between 0000-1500Z† daily. **CSTMS/AG/IMG** CSTMS/IMG avbl to ACC and AMC fit. See FCG KHIF entry. **MISC** First 2800' Rwy 14 and first 1500' Rwy 32 is grvd conc. Middle 9,200' Rwy 14-32 is asph. Aflid WX monitored by AN/FMQ-19 ASOS. Utah Test and Training Range OPS see CLOVER CONTROL. Obsn/forecast avbl Mon 1200Z†-Fri 2300Z†, clsd weekends. ctc Hill AFB wx DSN 777-2018.

AIRPORT MANAGER: 801-777-1861

COMMUNICATIONS: ATIS 134.925 397.9 PTD 139.3 372.2

Ⓡ **SALT LAKE CITY APP/DEP CON** 121.1 319.25

TOWER 127.15 263.15 251.05 (Mon-Sat 1500-0700Z†, Sat-Sun 1600-0000Z†)

GND CON 121.6 275.8 **CLNC DEL** 124.1 335.8

HILL COMD POST (ACC-RAYMOND 23, others CONVOY.) 381.3 **PMSV METRO** 342.3: Wx opr 24 hrs, clsd federal hol, DSN 777-2018, C801-777-2018. During wx fit clsd remote briefing and forecast svc avbl 24 hrs from 25 OWS Davis Monthan AFB DSN 228-6598/6599/6588, C520-228-6598/6599/6588. Ceiling and visibility are frequently lower on north end of the rwy and east-southeast along mountains. Due to obstructing terrain, PMSV unused byd 20 NM below 20,000' and from 100°-150° byd 25 NM below 15,000'. Manual observation limited from 120°-260° due to facility obstruction.

AIRSPACE: CLASS D svc 1500-0700Z† Mon-Fri; 1600-0000Z† Sat-Sun other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE OGD.

OGDEN (L) VORTACW 115.7 OGD Chan 104 N41°13.45' W112°05.89' 123° 8.3 NM to fld. 4223/14E.

VOR portion unusable:

030°-070° byd 25 NM blo 17,000'

070°-130° byd 15 NM

355°-030° byd 15 NM

TACAN AZIMUTH & DME unusable:

255°-280° byd 30 NM blo 11,000'

355°-130° byd 15 NM

(L) **TACAN** Chan 49 HIF (111.2) N41°07.23' W111°57.82' at fld. 4805/14E. NOTAM FILE HIF.

TACAN unusable:

003°-123° byd 10 NM

003°-123° byd 5 NM blo 13,500'

123°-138° byd 10 NM

333°-003° byd 22 NM

ILS 109.9 I-HIF Rwy 14. Class ID.

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc SLC Apch at 801-325-9670.

HUNTINGTON MUNI (69V) 3 NE UTC-7(-6DT) N39°21.67' W110°55.02'

DENVER
L-9D
IAP

5915 B NOTAM FILE CDC

RWY 08-26: H4048X75 (ASPH) S-12.5 MIRL 0.8% up W

RWY 08: Thld dsplcd 214'.

RWY 26: Road.

RWY 12-30: 3640X70 (DIRT) S-6 1.2% up NW

RWY 12: Fence.

RWY 30: Road.

RWY 18-36: 2079X56 (DIRT) 0.6% up NE

SERVICE: FUEL 100LL LGT ACTIVATE MIRL Rwy 08-26—122.8.

AIRPORT REMARKS: Unattended. Fuel 24 hr credit card svc avbl. Rwy 08-26 no line of sight between rwy ends. Small amounts of vegetation on Rwy 12-30. Small amounts of vegetation on Rwy 18-36.

AIRPORT MANAGER: 435-749-1912

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ SALT LAKE CENTER APP/DEP CON 133.9

RADIO AIDS TO NAVIGATION: NOTAM FILE PUC.

CARBON (H) VORW/DME 115.5 PUC Chan 102 N39°36.19' W110°45.21' 194° 16.4 NM to fld. 5830/14E.

VOR portion unusable:

275°-300° byd 25 NM blo 12,000'

300°-330° byd 25 NM blo 13,500'

330°-010° byd 25 NM blo 17,300'

DME portion unusable:

275°-010° byd 27 NM blo 17,300'

275°-010° byd 35 NM

VOR/DME unusable:

010°-070° byd 25 NM blo 14,000'

200°-275° byd 27 NM blo 13,000'

COMM/NAV/WEATHER REMARKS: Local wx avbl on CTAF 122.8, 3 clicks.

HURRICANE

GENERAL DICK STOUT FLD (1L8) 3 S UTC-7(-6DT) N37°08.41' W113°18.36'

LAS VEGAS
L-9C

3350 NOTAM FILE CDC

RWY 01-19: H3283X40 (ASPH) S-3

RWY 01: Tree.

RWY 19: Rgt tfc.

SERVICE: S4 FUEL 100LL, JET A, MOGAS

AIRPORT REMARKS: Attended continuously. Fuel 24 hr credit card svc avbl.

Parachute Jumping. Rwy 01-19—Pilots at end of rwy cannot see acft at other end. To provide pattern separation from Grassy Meadows arpt, base leg for Rwy 01 should be flown north of gravel pit located 1.5 miles south of arpt.

AIRPORT MANAGER: 435-272-9999

COMMUNICATIONS: CTAF/UNICOM 123.05

RADIO AIDS TO NAVIGATION: NOTAM FILE CDC.

ST GEORGE (T) VORW/DME 108.6 UTI Chan 23 N37°01.06'

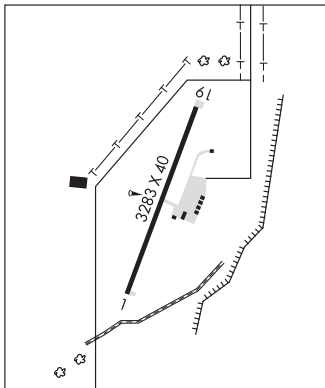
W113°31.07' 042° 12.5 NM to fld. 2848/12E.

DME unusable:

125°-175° byd 15 NM blo 10,000'

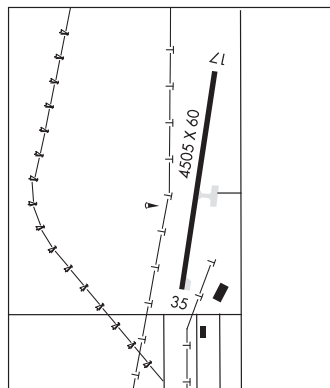
VOR unusable:

140°-270°



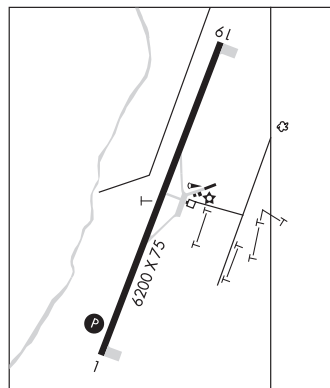
JUNCTION (U13) 1 N UTC-7(-6DT) N38°15.00' W112°13.53'
 6069 NOTAM FILE CDC
RWY 17-35: H4505X60 (ASPH)
RWY 35: Tree.
AIRPORT REMARKS: Unattended.
AIRPORT MANAGER: 435-231-1223
COMMUNICATIONS: CTAF 122.9
RADIO AIDS TO NAVIGATION: NOTAM FILE BCE.
BRYCE CANYON (H) VORTACW 112.8 BCE Chan 75 N37°41.35'
 W112°18.23' 351° 33.8 NM to fld. 9040/15E.

LAS VEGAS
L-9C



KANAB MUNI (KNB)(KKNB) 2 S UTC-7(-6DT) N37°00.63' W112°31.89'
 4868 B NOTAM FILE CDC
RWY 01-19: H6200X75 (ASPH-PFC) S-12.5 PCN 22 F/A/X/U MIRL
 0.7% up NE
RWY 01: REIL. PAPI(P2L)—GA 3.0° TCH 40'.
SERVICE: FUEL 100LL, JET A LGTACTIVATE MIRL Rwy 01-19 and
 PAPI Rwy 01—CTAF.
AIRPORT REMARKS: Attended continuously. Fuel avbl 24 hrs call for svc.
AIRPORT MANAGER: 435-644-2299
WEATHER DATA SOURCES: AWOS-3 133.175 (435) 644-2267.
COMMUNICATIONS: CTAF/UNICOM 122.8
 L.A. CENTER APP/DEP CON 124.2
RADIO AIDS TO NAVIGATION: NOTAM FILE BCE.
BRYCE CANYON (H) VORTACW 112.8 BCE Chan 75 N37°41.35'
 W112°18.23' 180° 42.1 NM to fld. 9040/15E.

LAS VEGAS
H-4J, L-9C
IAP



LOA

WAYNE WONDERLAND (38U) 3 SE UTC-7(-6DT) N38°21.76' W111°35.75'
 7029 B NOTAM FILE CDC
RWY 13-31: H5900X75 (ASPH) S-16 MIRL
SERVICE: FUEL 100LL LGTACTIVATE MIRL Rwy 13-31—CTAF.
AIRPORT REMARKS: Unattended. For fuel call arpt manager 435-836-1300.
AIRPORT MANAGER: (435) 836-1300
COMMUNICATIONS: CTAF 122.9
RADIO AIDS TO NAVIGATION: NOTAM FILE CDC.
HANKSVILLE (H) VORTACW 115.9 HVE Chan 106 N38°25.01' W110°41.98' 251° 42.4 NM to fld. 4430/15E.
 VORTAC unusable
 160°-180° byd 15 NM blo 9,500'
 030°-060° byd 25 NM blo 7,500'

LAS VEGAS
H-3D, L-9C

LOGAN-CACHE (LGU)(KLGU) 3 NW UTC-7(-6DT) N41°47.48' W111°51.10'

4457 B Class IV, ARFF Index A NOTAM FILE LGU

RWY 17-35: H9010X100 (ASPH) S-24, D-68 MIRL

RWY 17: MALSR. PAPI(P2L)—GA 3.0° TCH 40'. Railroad.

RWY 35: REIL. PAPI(P2L)—GA 3.0° TCH 39'.

RWY 10-28: H5005X75 (ASPH) S-12

RWY 28: Railroad.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 10: TORA-5005 TODA-5005 ASDA-5005 LDA-5005

RWY 17: TORA-9010 TODA-9010 ASDA-9010 LDA-9010

RWY 28: TORA-5005 TODA-5005 ASDA-5005 LDA-5005

RWY 35: TORA-9010 TODA-9010 ASDA-9010 LDA-9010

SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 2 **LGT** ACTIVATE MIRL Rwy 17-35 and PAPI Rwy 17 and Rwy 35 and MALSR Rwy 17—CTAF.

AIRPORT REMARKS: Attended 1500-0200Z±. 100LL fuel 24 hr credit card svc avbl. For fuel svc after hours call 435-753-2221 or

435-752-5955. Birds on and infov arpt during spring/summer.

Extensive flight training infov arpt. Rwy 10-28 rutting, broken pavement and weeds growing through the asphalt on the rwy and twy. Cold temperature rstd arpt. Alt correction required at or blo -25C. Rwy 10-28 dalgt use only.

AIRPORT MANAGER: (435) 752-8111

WEATHER DATA SOURCES: ASOS 135.275 (435) 752-6941.

COMMUNICATIONS: CTAF/UNICOM 122.8

FRANCIS PEAK RCO 122.2. (CEDAR CITY RADIO)

RADIO AIDS TO NAVIGATION: NOTAM FILE CDC.

BRIGHAM CITY (L) VORW/DME 112.9 LHO Chan 76 N41°47.57' W112°00.59' 077° 7.1 NM to fld. 5370/14E.

VOR portion unusable:

010°-045° byd 20 NM blo 15,000'

045°-070° byd 20 NM blo 16,000'

070°-110° byd 20 NM blo 15,000'

110°-155° byd 15 NM blo 12,000'

155°-215° byd 15 NM blo 15,000'

155°-215° byd 20 NM

305°-320° byd 20 NM blo 15,000'

DME portion unusable:

010°-045° byd 20 NM blo 15,000'

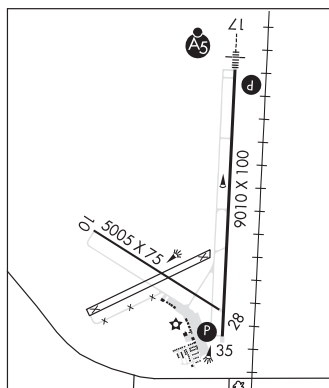
045°-070° byd 20 NM blo 16,000'

070°-125° byd 20 NM blo 15,000'

155°-245° byd 15 NM

245°-320° byd 20 NM blo 15,000'

ILS/DME 109.15 I-LGU Chan 28(Y) Rwy 17. Class IE. LOC unusable byd 12° left of course. ILS is unmonitored.



SALT LAKE CITY

H-3D, L-11D

IAP, AD

LUCIN N41°21.78' W113°50.44' NOTAM FILE CDC.

(H) VORTAC 113.6 LCU Chan 83 176° 39.6 NM to Wendover. 4400/17E.

VORTAC unusable:

180°-240° byd 35 NM blo 12,000'

RCO 122.1R 113.6T (CEDAR CITY RADIO)

SALT LAKE CITY

H-3D, L-11C

MANILA (4ØU) 2 E UTC-7(-6DT) N40°59.18' W109°40.71'
 6179 B NOTAM FILE CDC
RWY 07-25: H5300X60 (ASPH) S-26 MIRL 1.2% up W
RWY 07: Hill.

SERVICE: LGT ACTIVATE MIRL Rwy 07-25—CTAF.

AIRPORT REMARKS: Unattended. Some plowing during winter months. Call ahead. Drainage ditches run parallel to rwy. 80' each side of centerline.

AIRPORT MANAGER: 435-784-3218

COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE VEL.

VERNAL (L) VORW/DME 108.2 VEL Chan 19 N40°22.74'
 W109°29.60' 332° 37.4 NM to fld. 5344/15E.

VOR portion unusable:

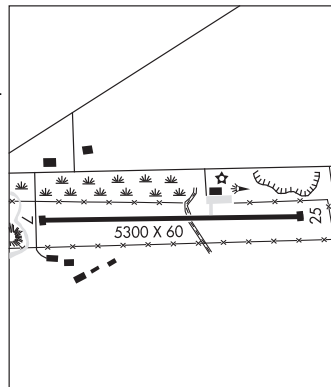
220°-260° byd 23 NM blo 15,000'

DME unusable:

070°-080° byd 30 NM blo 12,000'

200°-260° byd 15 NM blo 17,000'

SALT LAKE CITY
 H-3E, L-9D, 11D



MANTI-EPHRAIM (41U) 4 NE UTC-7(-6DT) N39°19.89' W111°36.76'
 5516 B NOTAM FILE CDC

RWY 03-21: H5021X75 (ASPH-GRVD) S-24 MIRL 0.8% up NE

RWY 03: REIL. PAPI(P2L)—GA 3.0° TCH 40'.

RWY 21: REIL. PAPI(P2L)—GA 3.0° TCH 40'. P-line.

SERVICE: S2 FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 03-21 and PAPI Rwy 03 and Rwy 21 and REIL Rwy 03 and Rwy 21—CTAF.

AIRPORT REMARKS: Unattended. Fuel 100LL Jet A avbl 24 hr, self svc, credit card.

AIRPORT MANAGER: 435-283-4631

WEATHER DATA SOURCES: AWOS-3PT 120.025 (435) 283-4624.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ SALT LAKE CENTER APP/DEP CON 133.6

RADIO AIDS TO NAVIGATION: NOTAM FILE CDC.

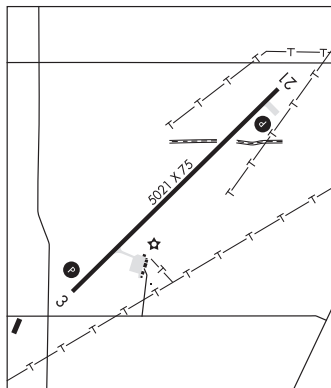
HANKSVILLE (H) VORTACW 115.9 HVE Chan 106 N38°25.01'
 W110°41.98' 307° 69.5 NM to fld. 4430/15E.

VORTAC unusable

160°-180° byd 15 NM blo 9,500'

030°-060° byd 25 NM blo 7,500'

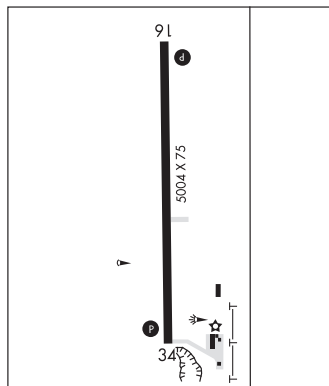
LAS VEGAS
 H-3D, L-9C
 IAP



MICHAEL AAF (DUGWAY PROVING GROUND) (DPG)(KDPG) A 9 W UTC-7(-6DT) N40°11.84' W112°56.10' **SALT LAKE CITY**
H-3D, L-9C, 11C
 4351 B TPA—See Remarks NOTAM FILE CDC Not insp.
RWY 12-30: H11002X150 (ASPH-GRVD) PCN 73 R/B/W/T HIRL
RWY 12: PAPI(P4R)—GA 3.0° TCH 91'. Thld dsplcd 1000'.
RWY 30: PAPI(P4R)—GA 3.0° TCH 88'. Thld dsplcd 1002'.
ARRESTING GEAR/SYSTEM
RWY 12 HOOK E5 (965')
SERVICE: LGT ACTIVATE HIRL Rwy 12-30; PAPI Rwy 12 and Rwy 30; twy lgts Rwy 12—126.2. **MILITARY—** JASU
 1(A/M32A-86) 1(A/M32A-60) **FUEL** A++ . Aircard rqr. **OIL** O-156 **TRAN ALERT** Opr 1400-0030Z† Mon-Thu exc hol.
MILITARY REMARKS: Attended Mon-Thu 1400-0400Z†, Fri 1500-2100Z†, clsd Sat-Sun and hol. See FLIP AP/1
 Supplementary Arpt Information. **RSTD** 24 hr PPR for ldg and fuel; ctc Base OPS DSN 789-5322, C435-831-5322. All USAF, ANG, and AFRES AMC acft consult ASRR for this location. **CAUTION** Ldg short of Rwy 30 is a significant haz. The E-5 barrier protrudes several inches abv the gnd. Acft ctc with the barrier short of the rwy thld can cause damage to the barrier and substantial damage to the acft. Potential for wild animals to cross rwy and foreign object damage haz dur high wind cond. Bird activity monitored on req. Limited ARFF capability for manned acft, call BASE OPS for information.
TFC PAT TPA—Fixed wing 6000(1651), Rotary wing 5000(651).
AIRPORT MANAGER: 435-831-5322
COMMUNICATIONS: CTAF 126.2 270.3
RANGE CON 36.1 126.2 270.0 **CLOVER CON SOUTH** 134.1 363.5 **FIRE STATION** 126.2R
RADIO AIDS TO NAVIGATION: NOTAM FILE DPG.
 (T) **TACAN** Chan 79 MIJ (113.2) N40°11.51' W112°55.34' at fld. 4347/13E.
 No NOTAM MP: 1300-1500Z† Mon

MILFORD MUNI/BEN AND JUDY BRISCOE FLD (MLF)(KMLF) 2 N UTC-7(-6DT) N38°25.60' W113°00.80' **LAS VEGAS**
H-3D, L-9C
 5042 B NOTAM FILE MLF **IAP**

RWY 16-34: H5004X75 (ASPH) S-26 MIRL 0.3% up S
RWY 16: REIL. PAPI(P2L)—GA 3.0° TCH 40'.
RWY 34: REIL. PAPI(P2L)—GA 3.0° TCH 42'.
SERVICE: **FUEL** 100LL, JET A **LGT** ACTIVATE MIRL Rwy 16-34, PAPI Rwy 16 and Rwy 34 and REIL Rwy 16 and Rwy 34—CTAF.
AIRPORT REMARKS: Unattended. Pilots advise if doing touch and go ldg.
AIRPORT MANAGER: (435) 463-9565
WEATHER DATA SOURCES: ASOS 135.025 (435) 387-5201.
COMMUNICATIONS: CTAF/UNICOM 122.8
RCO 112.1T 122.1R (CEDAR CITY RADIO)
RADIO AIDS TO NAVIGATION: NOTAM FILE MLF.
 (H) **VORTAC** 112.1 MLF Chan 58 N38°21.62' W113°00.79' 344° 4.0 NM to fld. 4980/16E.
 moderate to heavy roughness over mountain ridges 072 radial at 10 nm
 VOR portion unusable:
 010°-030° byd 35 NM blo 10,400'
 030°-040° byd 26 NM blo 10,800'
 040°-080° byd 23 NM 13,700'
 080°-100° byd 17 NM 12,900'
 100°-115° byd 16 NM blo 11,600'
 115°-125° byd 22 NM blo 11,600'
 235°-275° byd 30 NM blo 11,300'
 275°-300° byd 25 NM blo 11,200'
 300°-320° byd 30 NM blo 9,300'
TACAN AZIMUTH & DME portion unusable:
 010°-030° byd 20 NM blo 15,000'
 030°-055° byd 20 NM
 055°-065° byd 10 NM
 065°-080° byd 10 NM blo 14,000'
 065°-080° byd 22 NM
 080°-115° byd 10 NM
 115°-125° byd 20 NM
 225°-240° byd 20 NM blo 16,000'
 240°-270° byd 15 NM blo 16,000'
 270°-305° byd 20 NM blo 16,000'
 305°-320° byd 20 NM blo 12,000'



MOAB

CANYONLANDS FLD (CNY)(KCNY) 18 NW UTC-7(-6DT) N38°45.30' W109°45.29'

DENVER

H-3E, L-9D

IAP

4577 B Class III, ARFF Index A NOTAM FILE CNY

RWY 03-21: H7100X75 (ASPH-PFC) S-25 MIRL

RWY 03: REIL. PAPI(P2L)—GA 3.0° TCH 40'.

RWY 21: REIL. PAPI(P2L)—GA 3.0° TCH 40'. P-line. Rgt tfc.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 03: TORA-7100 TODA-7100 ASDA-7100 LDA-7100

RWY 21: TORA-7100 TODA-7100 ASDA-7100 LDA-7100

SERVICE: S2 **FUEL** 100LL, JET A **OX** 1, 2 **LGT**ACTIVATE MIRL Rwy 03-21 PAPI Rwy 03 and Rwy 21 and REIL Rwy 03 and Rwy 21—CTAF. PAPI Rwy 03 does not provide obst clnc byd 3.0 NM from thld.

AIRPORT REMARKS: Attended Mar-Nov 1500-0100Z±, Dec-Feb Mon-Fri 1600-0000Z±. Parachute Jumping.

AIRPORT MANAGER: (435) 259-4849

WEATHER DATA SOURCES: ASOS 118.525 (435) 259-8576.

COMMUNICATIONS: CTAF/UNICOM 122.8

MOAB RCO 122.3 (CEDAR CITY RADIO)

Ⓡ **DENVER CENTER APP/DEP CON** 134.5

RADIO AIDS TO NAVIGATION: NOTAM FILE CDC.

MOAB (T) VOR/WME 109.8 OAB Chan 35 N38°45.37' W109°44.96' at fld. 4542/15E.

VOR portion unusable:

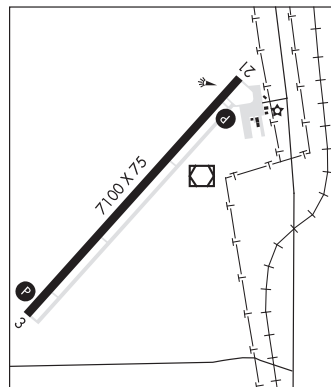
275°-287° blo 6,700'

275°-290° byd 10 NM

DME portion unusable:

030°-045° byd 15 NM blo 9,000'

175°-185° byd 15 NM blo 10,000'



MONTICELLO (U64) 3 N UTC-7(-6DT) N37°55.95' W109°20.47'

DENVER

H-3E, L-9D

6966 B NOTAM FILE CDC

RWY 16-34: H6000X75 (ASPH) S-12.5 MIRL 0.3% up N

RWY 16: REIL. PAPI(P2L)—GA 3.0° TCH 42'.

RWY 34: REIL. PAPI(P2L)—GA 3.0° TCH 42'.

SERVICE: **FUEL** 100LL, JET A **LGT**ACTIVATE MIRL Rwy 16-34 and PAPI Rwy 16, and Rwy 34 and REIL Rwy 16 and Rwy 34—CTAF.

AIRPORT REMARKS: Unattended. 24 hr self svc credit card fuel facility.

AIRPORT MANAGER: (435) 459-2182

COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE DEN.

DOVE CREEK (H) VORTACW 114.6 DVC Chan 93 N37°48.52' W108°55.88' 277° 20.8 NM to fld. 6990/14E.

MORGAN CO (42U) 8 NW UTC-7(-6DT) N41°08.92' W111°46.03'

SALT LAKE CITY

L-9C, L-11D

5020 TPA—6000(980) NOTAM FILE CDC

RWY 03-21: H3904X50 (ASPH) 2.0% up NE

RWY 03: Thld dspcd 212'. Road.

RWY 21: Thld dspcd 214'. Trees.

AIRPORT REMARKS: Unattended. Extensive glider and ultralight activity on and invof arpt. Deer and moose invof arpt. Trees, fences and hangars 125' from centerline both sides Rwy 03-21. Itinerant tfc use east apron tie downs.

AIRPORT MANAGER: 801-791-6769

COMMUNICATIONS: CTAF/UNICOM 122.8

RADIO AIDS TO NAVIGATION: NOTAM FILE OGD.

OGDEN (L) VORTACW 115.7 OGD Chan 104 N41°13.45' W112°05.89' 093° 15.7 NM to fld. 4223/14E.

VOR portion unusable:

030°-070° byd 25 NM blo 17,000'

070°-130° byd 15 NM

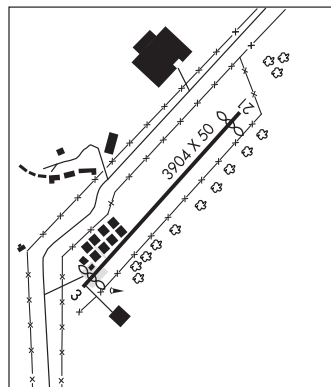
355°-030° byd 15 NM

TACAN AZIMUTH & DME unusable:

255°-280° byd 30 NM blo 11,000'

355°-130° byd 15 NM

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc SLC Apch at 801-325-9670.



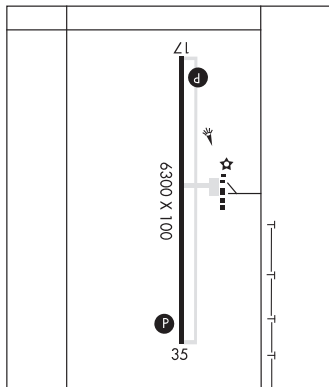
MYTON N40°08.95' W110°07.62' NOTAM FILE CDC.
 (H) VOR/DME 112.7 MTU Chan 74 269° 12.1 NM to Duchesne Muni. 5401/14E.
 RCO 122.1R 112.7T (CEDAR CITY RADIO)

SALT LAKE CITY
 H-3E, L-9D, 11D

NEPHI MUNI (U14) 3 NW UTC-7(-6DT) N39°44.20' W111°52.20'

LAS VEGAS
 H-3D, L-9C
 IAP

5022 B NOTAM FILE CDC
RWY 17-35: H6300X100 (ASPH) S-21, D-30 MIRL 0.6% up S
RWY 17: REIL. PAPI(P2L)—GA 3.0° TCH 40'.
RWY 35: REIL. PAPI(P2L)—GA 3.0° TCH 40'.
SERVICE: FUEL 100LL, JET A LGT ACTIVATE MIRL, PAPI, REIL Rwy 17-35—CTAF.
AIRPORT REMARKS: Unattended. Fuel avbl 24 hrs, self svc credit card system. Glider opr on invof arpt Apr-Nov 1700-SS.
AIRPORT MANAGER: (503) 750-5530
WEATHER DATA SOURCES: AWOS-3 118.275 (435) 623-1397.
COMMUNICATIONS: CTAF/UNICOM 123.075
 (R) SALT LAKE CENTER APP/DEP CON 127.825
RADIO AIDS TO NAVIGATION: NOTAM FILE PVU.
PROVO (T) VOR/DME 108.4 PVU Chan 21 N40°12.90' W111°43.28' 179° 29.5 NM to fld. 4493/15E.
 VOR/DME unusable:
 350°-080° byd 10 NM



OGDEN-HINCKLEY (OGD)(KOGD) 3 SW UTC-7(-6DT) N41°11.74' W112°00.78'

SALT LAKE CITY
 H-3D, L-9C, 11D
 IAP, AD

4473 B TPA—See Remarks Class I, ARFF Index B NOTAM FILE OGD
RWY 03-21: H8103X150 (ASPH-GRVD) S-85, D-150, 2S-152 HIRL
RWY 03: MALS. PAPI(P4L)—GA 3.0° TCH 56'. Trees. 0.8% down.
RWY 21: PAPI(P4L)—GA 3.0° TCH 50'. Thld dspcd 851'. Pole. Rgt tfc. 0.6% up.
RWY 17-35: H5195X100 (ASPH-GRVD) S-80, D-140 PCN 63 F/A/X/T MIRL
RWY 17: REIL. PAPI(P4L)—GA 3.0° TCH 50'. Road. Rgt tfc.
RWY 35: REIL. PAPI(P4L)—GA 3.0° TCH 50'. Sign.

LAND AND HOLD—SHORT OPERATIONS

| LDG RWY | HOLD—SHORT POINT | AVBL LDG DST |
|---------|------------------|--------------|
| RWY 21 | 17-35 | 4600 |

RUNWAY DECLARED DISTANCE INFORMATION

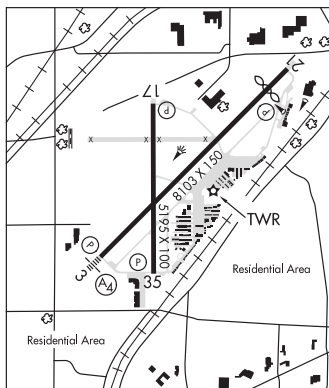
| |
|---|
| RWY 03: TORA-8103 TODA-8103 ASDA-7252 LDA-7252 |
| RWY 17: TORA-5195 TODA-5195 ASDA-5195 LDA-5195 |
| RWY 21: TORA-8103 TODA-8103 ASDA-8103 LDA-7252 |
| RWY 35: TORA-5195 TODA-5195 ASDA-5195 LDA-5195 |

SERVICE: S4 FUEL 100, JET A1+ OX 1, 2 LGT When twr clsd
 ACTIVATE HIRL Rwy 03-21, MIRL Rwy 17-35 and twy lgts—CTAF.

AIRPORT REMARKS: Attended continuously. Parachute jumping on NE portion of arpt east of Twy A. No multiple apchs. No practice apchs—full stop lgds only from 0500-1400Z. Heavy volume of mil acft flying over Ogden Arpt at 5700'-6300' MSL enroute to Hill AFB. CLOSED to acft ops with more than 30 pax seats exc PPR, minimum 60 min ntc rqrd, call arpt mgr 801-629-8223/336-7459/710-3706. No snow removal after twr closes. Arpt sfc cond unmonitored 0300-1400Z. TPA—5200(727) rqr due to interfacing tfc from Hill AFB.

AIRPORT MANAGER: 801-629-8223
WEATHER DATA SOURCES: ASOS (801) 622-5600
COMMUNICATIONS: CTAF 118.7 ATIS 125.55 UNICOM 122.95
 RCO 122.45 (CEDAR CITY RADIO)

(R) SALT LAKE CITY APP/DEP CON 121.1
 TOWER 118.7 (1400-0300Z) GND CON 121.7



CONTINUED ON NEXT PAGE

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AIRSPACE: CLASS D svc 1400-0300Z± other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE OGD.

(L) VORTACW 115.7 OGD Chan 104 N41°13.45' W112°05.89' 100° 4.2 NM to fld. 4223/14E.

VOR portion unusable:

030°-070° byd 25 NM blo 17,000'

070°-130° byd 15 NM

355°-030° byd 15 NM

TACAN AZIMUTH & DME unusable:

255°-280° byd 30 NM blo 11,000'

355°-130° byd 15 NM

ILS/DME 111.7 I-OGD Chan 54 Rwy 03. Class - IT. ILS/DME unmonitored when ATCT closed.

COMM/NAV/WEATHER REMARKS: Emerg freq 121.5 not avbl at twr. For Cinc Del when ATCT is clsd ctc SLC Apch at 801-325-9670.

PANGUITCH MUNI (U55) 3 NE UTC-7(-6DT) N37°50.71' W112°23.52'

LAS VEGAS

6763 B NOTAM FILE CDC

H-3D, L-9C

RWY 18-36: H5700X75 (ASPH) S-20 MIRL

RWY 18: REIL. PAPI(P2L)—GA 3.0° TCH 40'.

RWY 36: REIL. PAPI(P2L)—GA 3.0° TCH 40'.

IAP

SERVICE: S2 LGT ACTIVATE MIRL Rwy 18-36 and PAPI Rwy 18 and Rwy 36 and REIL Rwy 18 and Rwy 36—CTAF.

AIRPORT REMARKS: Unattended. Antelope on and in vicinity of arpt during summer months. Cold temperature rstd arpt. Altitude correction required at or blo -28C.

AIRPORT MANAGER: 435-676-8585

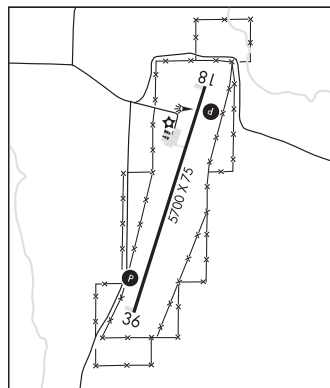
WEATHER DATA SOURCES: AWOS-3 133.125 (435) 676-8784.

COMMUNICATIONS: CTAF 122.9

Ⓡ SALT LAKE CENTER APP/DEP CON 133.6

RADIO AIDS TO NAVIGATION: NOTAM FILE BCE.

BRYCE CANYON (H) VORTACW 112.8 BCE Chan 75 N37°41.35' W112°18.23' 321° 10.2 NM to fld. 9040/15E.



PAROWAN (1L9) 1 NE UTC-7(-6DT) N37°51.58' W112°48.95'

LAS VEGAS

5930 B NOTAM FILE CDC

H-3D, L-9C

RWY 04-22: H5000X75 (ASPH) S-12.5 MIRL 1.3% up SW

RWY 04: REIL. PAPI(P2L)—GA 3.0° TCH 40'.

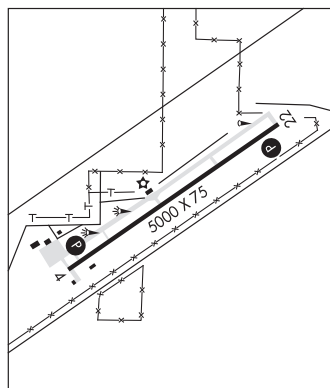
RWY 22: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Rgt tfc.

SERVICE: S3 FUEL 100LL, JET A QX 1, 2 LGT ACTIVATE MIRL Rwy 04-22, PAPI Rwy 04 and PAPI Rwy 22, REIL Rwy 04 and REIL Rwy 22—CTAF.

AIRPORT REMARKS: Attended 1500-0000Z±. Prairie dog mounds and holes on rwy edges and twy.

AIRPORT MANAGER: (435) 477-3331

COMMUNICATIONS: CTAF/UNICOM 122.8



PRICE

CARBON CO RGNL/BUCK DAVIS FLD (PUC)(KPUC) 3 E UTC-7(-6DT) N39°36.83' W110°45.10' DENVER
 5958 B NOTAM FILE PUC H-3E, L-9D
RWY 01-19: H8316X100 (ASPH-GRVD) S-30, D-40 PCN 18 F/B/X/U HIRL IAP
RWY 01: MALSF. PAPI(P4L)—GA 3.0° TCH 52'. 1.7% up.
RWY 19: REIL. PAPI(P2L)—GA 4.0° TCH 45'. 1.8% down.
RWY 15-33: H4513X75 (ASPH) S-13 PCN 13 F/B/X/U MIRL 1.1% up NW
RWY 33: Road.
RWY 08-26: H3151X75 (ASPH) S-12.5 PCN 3 F/B/Z/U 1.0% up E
RWY 08: REIL. PAPI(P2L)—GA 3.0° TCH 37'. Thld dspcd 128'.
RWY 26: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Road.
SERVICE: S2 FUEL 100LL, JET A OX 1, 2 LGT ACTIVATE MALSF Rwy 01, REIL Rwy 08, Rwy 26, PAPI Rwy 01-19 and Rwy 08, Rwy 26, HIRL Rwy 01-19, MIRL Rwy 15-33—CTAF. Rwy 19 PAPI unusable beyond 3 NM due to terrain.
AIRPORT REMARKS: Attended Mon-Fri 1400-0100Z†, Sat-Sun 1500-0000Z†. 24 hr self svc fuel avbl with credit card. Rwy 18 high voltage transmission line on extended cntrln. Rwy 07 + 60' drop off 520' from rwy end. Rwy 14 + 40' drop off 250' from thld.
AIRPORT MANAGER: 435-637-9556
WEATHER DATA SOURCES: ASOS 135.425 (435) 637-2790.
COMMUNICATIONS: CTAF/UNICOM 122.8
RCO 122.2 (CEDAR CITY RADIO)
SALT LAKE CENTER APP/DEP CON 133.9
RADIO AIDS TO NAVIGATION: NOTAM FILE PUC.
(H) VORW/DME 115.5 PUC Chan 102 N39°36.19' W110°45.21' at fld. 5830/14E.
 VOR portion unusable:
 275°-300° byd 25 NM blo 12,000'
 300°-330° byd 25 NM blo 13,500'
 330°-010° byd 25 NM blo 17,300'
 DME portion unusable:
 275°-010° byd 27 NM blo 17,300'
 275°-010° byd 35 NM
 VOR/DME unusable:
 010°-070° byd 25 NM blo 14,000'
 200°-275° byd 27 NM blo 13,000'
ILS/DME 109.35 I-PUC Chan 30(Y) Rwy 01. Unmonitored.

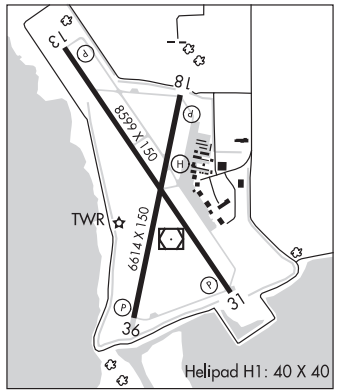
PROVO MUNI (PVU)(KPVU) 2 SW UTC-7(-6DT) N40°13.15' W111°43.40'
 4497 B TPA—See Remarks Class I, ARFF Index B NOTAM FILE PVU
RWY 13-31: H8599X150 (ASPH-GRVD) S-65, D-85, 2S-108,
 2D-140 HIRL

SALT LAKE CITY
 H-3D, L-9C, 11D
 IAP, AD

RWY 13: REIL. PAPI(P4L)—GA 3.0° TCH 42'. Rgt tfc.
RWY 31: PAPI(P2L)—GA 3.0° TCH 46'.
RWY 18-36: H6614X150 (ASPH) S-50, D-70, 2S-89, 2D-110 MIRL
RWY 18: PAPI(P2L)—GA 3.0° TCH 45'. Rgt tfc.
RWY 36: PAPI(P2L)—GA 3.0° TCH 46'.

RUNWAY DECLARED DISTANCE INFORMATION
RWY 13: TORA-8599 TODA-8599 ASDA-8599 LDA-8599
RWY 18: TORA-6614 TODA-6614 ASDA-6614 LDA-6614
RWY 31: TORA-8599 TODA-8599 ASDA-8599 LDA-8599
RWY 36: TORA-6614 TODA-6614 ASDA-6614 LDA-6614

SERVICE: S4 FUEL 100, JET A QX 2, 4
AIRPORT REMARKS: Attended Nov-May 1300-0400Z†, Jun-Oct 1300-0500Z†. For arpt svcs ctc 128.85. 24 hr PPR for unscheduled air carrier ops call arpt mgr 801-852-6715. Extv flt trng invof arpt. Use caution for extv paragliding ops invof point of the mountain. Primary radar not avbl. Radar tfc advisories and svcs avbl for transponder equipped acft only. Be alert helicopters arr and dep from rwys and twys. TPA—5500(1003) single engine, 6000(1503) turbojet. NOTE: See Special Notice—Extensive Flight Training in vicinity of Provo Municipal Airport.



AIRPORT MANAGER: 801-852-6715
WEATHER DATA SOURCES: AWOS-3PT 135.175 (801) 373-9782. LAWRS.
COMMUNICATIONS: CTAF 125.3 ATIS 135.175

Ⓡ **SALT LAKE CITY APP/DEP CON** 118.85
TOWER 125.3 (1400-0400Z†) **GND CON** 119.4
AIRSPACE: CLASS D svc airport 1400-0400Z† other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE PVU.
(T) VORW/DME 108.4 PVU Chan 21 N40°12.90' W111°43.28' at fld. 4493/15E.
 VOR/DME unusable:
 350°-080° byd 10 NM
ILS/DME 110.3 I-PVU Chan 40 Rwy 13. Class IT. Localizer component status: pvu LOC unusable byd 14.5 DME below 7,900'. ILS/DME unmonitored when twr clsd.
COMM/NAV/WEATHER REMARKS: For Clnc Del when ATCT is clsd ctc SLC Apch at 801-325-9670.

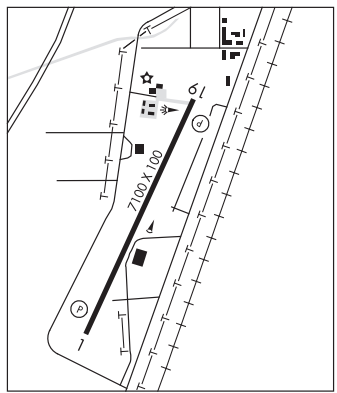
HELIPAD H1: H40X40 (CONC)

RICHFIELD MUNI (RIF)(KRIF) 1 SW UTC-7(-6DT) N38°44.05' W112°06.10'
 5318 B NOTAM FILE CDC

LAS VEGAS
 H-3D, L-9C
 IAP

RWY 01-19: H7100X100 (ASPH-GRVD) S-19 MIRL 0.5% up S
RWY 01: REIL. PAPI(P2L)—GA 3.0° TCH 45'. Rgt tfc.
RWY 19: PAPI(P2L)—GA 3.0° TCH 45'.

SERVICE: S4 FUEL 100LL, JET A, A+ LGT ACTIVATE MIRL Rwy 01-19 and REIL Rwy 01 and Rwy 19—CTAF.
AIRPORT REMARKS: Attended 1500-0000Z†. For fuel after hours call 435-896-3053. Cold temperature rstd arpt. Altitude correction required at or blo -28C.
AIRPORT MANAGER: (435) 896-9413
WEATHER DATA SOURCES: AWOS-3 133.375 (435) 896-1775.
COMMUNICATIONS: CTAF/UNICOM 122.8
RCO 122.5 (CEDAR CITY RADIO)
SALT LAKE CENTER APP/DEP CON 133.6
RADIO AIDS TO NAVIGATION: NOTAM FILE CDC.
DELTA (H) VORTACW 116.1 DTA Chan 108 N39°18.13' W112°30.33' 135° 38.9 NM to fld. 4642/16E.
 VOR portion unusable
 045°-090° byd 25 NM blo 10,700'



ROOSEVELT MUNI (74V) 3 SW UTC-7(-6DT) N40°16.71' W110°03.08'
5176 B NOTAM FILE CDC

SALT LAKE CITY
H-3E, L-9D, 11D
IAP

RWY 07-25: H6501X75 (ASPH) S-12 MIRL 1.0% up W

RWY 07: REIL. PAPI(P2L)—GA 3.0° TCH 40'.

RWY 25: REIL. PAPI(P2L)—GA 3.0° TCH 40'.

SERVICE: S4 FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 07-25, PAPI Rwy 07 and Rwy 25 and REIL Rwy 07 and Rwy 25—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1600-0000Z. For svc call 435-724-0539 or 435-722-5001. Fuel 24 hr credit card svc avbl.

AIRPORT MANAGER: (435) 724-0539

WEATHER DATA SOURCES: AWOS-3P 118.975 (435) 722-4201.

COMMUNICATIONS: CTAF/UNICOM 122.8

MYTON RCO 112.7T 122.1R (CEDAR CITY RADIO)

® SALT LAKE CENTER APP/DEP CON 135.775

RADIO AIDS TO NAVIGATION: NOTAM FILE CDC.

MYTON (H) VOR/DME 112.7 MTU Chan 74 N40°08.95' W110°07.62' 010° 8.5 NM to fld. 5401/14E.

ST GEORGE RGNL (SGU)(KSGU) 5 SE UTC-7(-6DT) N37°02.18' W113°30.62'

LAS VEGAS
H-4I, L-9C
IAP

2884 B Class I, ARFF Index A NOTAM FILE SGU

RWY 01-19: H9300X150 (ASPH-GRVD) S-75, D-150 HIRL

RWY 01: REIL. PAPI(P4L)—GA 3.0° TCH 50'.

RWY 19: MALSR. PAPI(P4L)—GA 3.1° TCH 55'.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 01: TORA-9300 TODA-9300 ASDA-9300 LDA-9300

RWY 19: TORA-9300 TODA-9300 ASDA-9300 LDA-9300

SERVICE: S4 FUEL 100LL, JET A OX 2 LGT Pilot to ACTIVATE HIRL Rwy 01-19, REIL Rwy 01—CTAF. PAPI Rws 01 and 19 opr continuously.

AIRPORT REMARKS: Attended 1300-0700Z. PPR for ldg acft over 150,000 lbs ctc arpt manager. Cold temperature rstd arpt. Alt correction required at or blo -14C. Ldg fee acft 12,500 lbs+.

AIRPORT MANAGER: (435) 627-4085

WEATHER DATA SOURCES: AWOS-3PT 135.075 (435) 634-0940.

COMMUNICATIONS: CTAF/UNICOM 122.8

RCO 122.5 (CEDAR CITY RADIO)

L.A. CENTER APP/DEP CON 124.2

CLNC DEL provided by Los Angeles Center on 133.3.

AIRSPACE: CLASS E

RADIO AIDS TO NAVIGATION: NOTAM FILE CDC.

(T) VOR/DME 108.6 UTI Chan 23 N37°01.06' W113°31.07' 006° 1.2 NM to fld. 2848/12E.

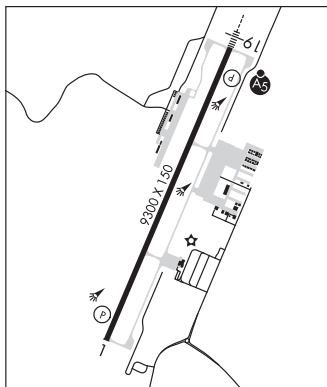
DME unusable:

125°-175° byd 15 NM blo 10,000'

VOR unusable:

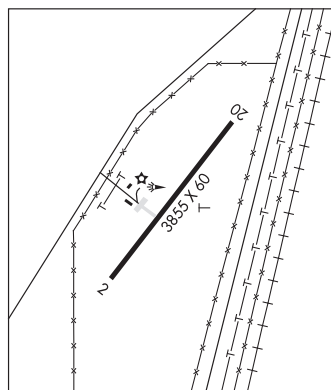
140°-270°

ILS/DME 110.9 I-SGU Chan 46 Rwy 19. LOC unusable wi 0.7 NM fm thld. Unmonitored.



SALINA-GUNNISON (44U) 5 NE UTC-7(-6DT) N39°01.75' W111°50.30'
 5159 B NOTAM FILE CDC
RWY 02-20: H3855X60 (ASPH) S-6 MIRL 0.7% up N
SERVICE: LGT ACTIVATE MIRL Rwy 02-20—CTAF.
AIRPORT REMARKS: Unattended.
AIRPORT MANAGER: (435) 979-9234
COMMUNICATIONS: CTAF 122.9
RADIO AIDS TO NAVIGATION: NOTAM FILE CDC.
DELTA (H) VORTACW 116.1 DTA Chan 108 N39°18.13'
 W112°30.33' 102° 35.2 NM to fld. 4642/16E.
 VOR portion unusable
 045°-090° byd 25 NM blo 10,700'

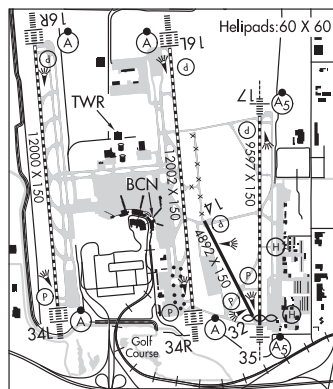
LAS VEGAS
L-9C



SALT LAKE CITY

SALT LAKE CITY INTL (SLC)(KSLC) P (ANG) 3 W UTC-7(-6DT) N40°47.30' W111°58.67'
 4227 B LRA Class I, ARFF Index E NOTAM FILE SLC
RWY 16L-34R: H12002X150 (ASPH-GRVD) S-60, D-200, 2S-175, 2D-350, 2D/2D2-850 HIRL CL
RWY 16L: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 70'. RVR-TMR
RWY 34R: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 73'. RVR-TMR
RWY 16R-34L: H12000X150 (CONC-GRVD) S-60, D-200, 2S-175, 2D-350, 2D/2D2-850 HIRL CL
RWY 16R: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 73'. RVR-TMR
RWY 34L: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 73'. RVR-TMR
RWY 17-35: H9597X150 (ASPH-GRVD) S-60, D-200, 2S-175, 2D-350, 2D/2D2-850 HIRL CL
RWY 17: MALSR. TDZL. PAPI(P4R)—GA 3.0° TCH 76'. RVR-TR
RWY 35: MALSR. TDZL. PAPI(P4L)—GA 3.0° TCH 74'. RVR-TR Thld dsplcd 324'. Antenna.
RWY 14-32: H4892X150 (ASPH-GRVD) S-60, D-200, 2D-350, 2D/2D2-850 HIRL
RWY 14: PAPI(P4L)—GA 3.0° TCH 40'.
RWY 32: PAPI(P4L)—GA 3.0° TCH 41'.

SALT LAKE CITY
H-3D, L-9C, 11D
IAP, AD



RUNWAY DECLARED DISTANCE INFORMATION

RWY 14: TORA-4892 TODA-4892 ASDA-4892 LDA-4892
RWY 16L: TORA-12002 TODA-12002 ASDA-12002 LDA-12002
RWY 16R: TORA-12000 TODA-12000 ASDA-12000 LDA-12000
RWY 17: TORA-9597 TODA-9597 ASDA-9597 LDA-9597
RWY 32: TORA-4892 TODA-4892 ASDA-4892 LDA-4892
RWY 34L: TORA-12000 TODA-12000 ASDA-12000 LDA-12000
RWY 34R: TORA-12002 TODA-12002 ASDA-12002 LDA-12002
RWY 35: TORA-9597 TODA-9597 ASDA-9597 LDA-9273

SERVICE: S4 FUEL 100LL, JET A1+ OX 1, 2, 3, 4 MILITARY— JASU (MD-3M) (MA-1A) (M32A-60A) FUEL A++ avbl at ANG. (NC-100LL, A1+) FLUID LPOX OIL 0-148(Mil)

AIRPORT REMARKS: Attended continuously. Flocks of birds on and in/ov arpt. Rwy 14-32 taxi ops only blo 1,200' RVR. Rwy 14-32 CLOSED blo 1200' RVR. Due to tfc volume, lcl dep and arr ops are discouraged and delays can be expd btn 1700-1900Z and 0300-0600Z. Rwy 16L de-ice pad 131.975. Rwy 34L de-ice pad 128.975. Rwy 34R de-ice pad 129.975. Twy L de-ice pad 131.975. See current NOTAMs for dates and additional info. Rwy 16L runup area CLOSED permanently. Twy Y rstd to wingspans less than 171' between Twy H3 and Twy H4. Access to D concourse even numbered gates and E concourse, through spots 20 and 21 only. Special VFR is not recommended at the arpt, if req, exp delays. Use caution for extv paragliding ops in/ov point of the mountain. ASDE-X in use. Operate transponders with altitude reporting mode and ADS-B (if equipped) enabled on all airport surfaces. Use minimum thrust in construction areas. Ctc ground on 123.775 before taxiing out of north cargo. Flight Notification Service (ADCUS) avbl. NOTE: See Special Notices—Continuous Power Facilities.

CONTINUED ON NEXT PAGE

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AIRPORT MANAGER: (801) 575-2408

WEATHER DATA SOURCES: ASOS (801) 328-3567 TDWR.

COMMUNICATIONS: D-ATIS 125.625 124.75 801-325-9749 UNICOM 122.95

RCO 122.4 (CEDAR CITY RADIO)

Ⓡ **SALT LAKE CITY APP CON** 120.9 (South of 41° latitude blo 8000') 121.1 (North of 41° latitude blo 8000') 124.3 (110°-160° abv 8,000') 124.9 (300°-340° abv 8000') 128.1 (160°-250° abv 8000') 135.5 (340°-110° abv 8000')

Ⓡ **SALT LAKE CITY DEP CON** 120.9 (South of 41° latitude blo 8000') 121.1 (North of 41° latitude blo 8000') 124.3 (110°-160° abv 8,000') 126.25 (250°-300° abv 8000') 128.1 (160°-250° abv 8000') 135.5 (340°-110° abv 8000')

TOWER 118.3 (Rwy 17-35 and Rwy 14-32) 119.05 (Rwy 16L-34R) 132.65 (Rwy 16R-34L)

GND CON 121.9 (Rwy 17-35 and Rwy 14-32) 123.775 (Rwy 16R-34L and Rwy 16L-34R) **CLNC DEL** 127.3

PRE-TAXI CLNC 127.3 **PRE-DEP CLNC** 127.3

CPDLC (LOGON KUSA)

AIRSPACE: CLASS B See VFR Terminal Area Chart

VOR TEST FACILITY (VOT) 111.0

RADIO AIDS TO NAVIGATION: NOTAM FILE SLC.

WASATCH (H) VORTACW 116.8 TCH Chan 115 N40°51.02' W111°58.91' 161° 3.7 NM to fld. 4220/16E.

VOR portion unusable:

015°-030° blo 26,000'

030°-050° byd 20 NM

050°-085° byd 20 NM blo 18,000'

085°-125° byd 30 NM blo 15,000'

360°-015° byd 20 NM blo 17,000'

DME unusable:

030°-080° byd 17 NM blo 17,000'

030°-080° byd 25 NM

080°-140° byd 17 NM blo 15,000'

080°-140° byd 25 NM

TACAN AZIMUTH unusable:

030°-140°

TACAN AZIMUTH & DME unusable:

185°-220° byd 25 NM blo 16,000'

260°-290° byd 25 NM blo 11,000'

350°-360° byd 30 NM blo 16,000'

360°-030° byd 17 NM blo 16,000'

360°-030° byd 30 NM

ILS/DME 109.5 I-MOY Chan 32 Rwy 16L. DME also serves ILS Rwy 34R.

ILS/DME 111.9 I-UAT Chan 56 Rwy 16R. Class IIIE. DME also serves ILS Rwy 34L.

ILS/DME 111.5 I-BNT Chan 52 Rwy 17. Class - IE. DME also serves ILS Rwy 35.

ILS/DME 111.9 I-UUH Chan 56 Rwy 34L. Class IIIE. DME also serves ILS Rwy 16R.

ILS/DME 109.5 I-SLC Chan 32 Rwy 34R. Class IIIE. DME also serves ILS Rwy 16L.

ILS/DME 111.5 I-UTJ Chan 52 Rwy 35.

• • • • •
HELIPAD HB: H60X60 (ASPH)

HELIPAD HF: H60X60 (ASPH)

HELIPORT REMARKS: Helipads B and F lctd on general aviation aprons. Lgtd pole 51' AGL 383' ESE of Helipad B. Effective Mar 2016 Rwy 16L departures from H12 distance remaining 11439'.

SOUTH VALLEY RGNL (U42) P (ARNG) 7 SW UTC-7(-6DT) N40°37.17' W111°59.57'

SALT LAKE CITY

4606 B TPA—5606(1000) NOTAM FILE CDC

H-3D, L-9C, 11D

RWY 16-34: H5862X100 (ASPH) S-30, D-43 MIRL

IAP

RWY 16: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Rgt tfc.

RWY 34: REIL. PAPI(P4L)—GA 3.0° TCH 40'.

SERVICE: S4 FUEL 100LL, JET A OX 1, 4 LGT ACTIVATE MIRL Rwy 16-34, REIL Rwy 16 and Rwy 34—CTAF. PAPI Rwy 16 and Rwy 34 opr continuously.

AIRPORT REMARKS: Attended 1400-0400Z±. Flocks of birds on and in/ovf arpt. Use caution for extensive paragliding ops in/ovf point of the mountain.

AIRPORT MANAGER: (801) 556-4082

WEATHER DATA SOURCES: AWOS-3 134.425 (801) 562-0271. addl phone 801-566-2084.

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ SALT LAKE CITY APP/DEP CON 120.9 124.3

CLNC DEL 127.0

RADIO AIDS TO NAVIGATION: NOTAM FILE SLC.

WASATCH (H) VORTACW 116.8 TCH Chan 115 N40°51.02'

W111°58.91' 166° 13.8 NM to fld. 4220/16E.

VOR portion unusable:

015°-030° blo 26,000'

030°-050° byd 20 NM

050°-085° byd 20 NM blo 18,000'

085°-125° byd 30 NM blo 15,000'

360°-015° byd 20 NM blo 17,000'

DME unusable:

030°-080° byd 17 NM blo 17,000'

030°-080° byd 25 NM

080°-140° byd 17 NM blo 15,000'

080°-140° byd 25 NM

TACAN AZIMUTH unusable:

030°-140°

TACAN AZIMUTH & DME unusable:

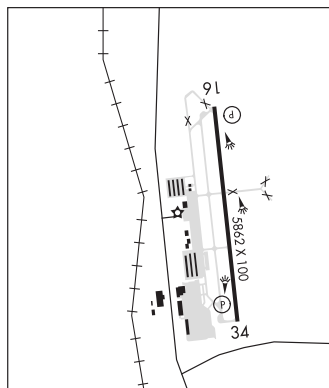
185°-220° byd 25 NM blo 16,000'

260°-290° byd 25 NM blo 11,000'

350°-360° byd 30 NM blo 16,000'

360°-030° byd 17 NM blo 16,000'

360°-030° byd 30 NM



SKYPARK (See BOUNTIFUL on page 362)

SOUTH VALLEY RGNL (See SALT LAKE CITY on page 383)

SPANISH FORK ARPT SPRINGVILLE—WOODHOUSE FLD (SPK)(KSPK) 2 N UTC-7(-6DT)

SALT LAKE CITY

N40°08.70' W111°40.06'

H-3D, L-9C, 11D

4530 B TPA—See Remarks NOTAM FILE CDC

RWY 12-30: H6500X100 (ASPH-GRVL) S-24 MIRL

RWY 12: REIL. PAPI(P4L)—GA 3.0° TCH 40'.

RWY 30: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Road.

SERVICE: S4 FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 12-30, REIL Rwy 12 and Rwy 30, PAPI Rwy 12 and Rwy 30—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1600-0000Z±. Self serve 100LL avbl anytime with credit card. For Jet A fuel call 801-798-9888. Deer on and in/ovf arpt. Dec-Feb expect up to 24 hrs after storm before rwy plowing. Residual snow and ice on rwy after plowing. For status call 801-798-9888/9. Rotary wing acft arriving Rwy 30 must ctc arpt prior to arrival for tfc pat information. Rwy 12-30 rwy markings faded. TPA—5530(1000) for fixed wing acft, 5030(500) for rotary wing acft. Noise abatement procedures in effect. Call arpt manager 801-798-9888.

AIRPORT MANAGER: 801-420-8888

COMMUNICATIONS: CTAF 122.9

COMM/NAV/WEATHER REMARKS: For Clnc Del ctc SLC Apch at 801-325-9670.

TOOELE

BOLINDER FLD—TOOELE VALLEY (TVY)(KTVY) 5 NW UTC-7(6DT) N40°36.75' W112°21.05' **SALT LAKE CITY**
 4322 B NOTAM FILE CDC **H-3D, L-9C, 11C**
RWY 17-35: H6100X100 (ASPH) S-30, D-43 MIRL 0.8% up S **IAP**
RWY 17: MALSR. PAPI(P4R)—GA 3.0° TCH 55'.
RWY 35: REIL. PAPI(P4L)—GA 3.0° TCH 45'. Thld dspcd 50'. Road.

SERVICE: FUEL 100LL LGT ACTIVATE MIRL Rwy 17-35, MALSR Rwy 17, REIL Rwy 35 and PAPI Rwy 17 and Rwy 35—CTAF.

AIRPORT REMARKS: Unattended. Parachute Jumping. Extensive flight training in vof arpt.

AIRPORT MANAGER: (801) 556-4082

WEATHER DATA SOURCES: AWOS-3 119.725 (435) 882-6648.

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ SALT LAKE CITY APP/DEP CON 135.5

CLNC DEL 124.4

RADIO AIDS TO NAVIGATION: NOTAM FILE SLC.

WASATCH (H) VORTACW 116.8 TCH Chan 115 N40°51.02'

W111°58.91' 214° 22.1 NM to fld. 4220/16E.

VOR portion unusable:

015°-030° blo 26,000'

030°-050° byd 20 NM

050°-085° byd 20 NM blo 18,000'

085°-125° byd 30 NM blo 15,000'

360°-015° byd 20 NM blo 17,000'

DME unusable:

030°-080° byd 17 NM blo 17,000'

030°-080° byd 25 NM

080°-140° byd 17 NM blo 15,000'

080°-140° byd 25 NM

TACAN AZIMUTH unusable:

030°-140°

TACAN AZIMUTH & DME unusable:

185°-220° byd 25 NM blo 16,000'

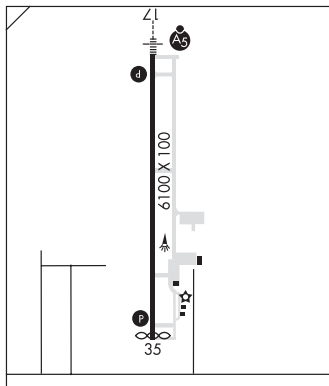
260°-290° byd 25 NM blo 11,000'

350°-360° byd 30 NM blo 16,000'

360°-030° byd 17 NM blo 16,000'

360°-030° byd 30 NM

ILS/DME 111.15 I-TVY Chan 48(Y) Rwy 17. Class IT.



VERNAL RGNL (VEL)(KVEL) 1 SE UTC-7(-6DT) N40°26.16' W109°30.69' **SALT LAKE CITY**
 5280 B Class III, ARFF Index A NOTAM FILE VEL **H-3E, L-9D, 11D**
RWY 17-35: H7000X150 (ASPH-GRVD) S-45, D-55 PCN 18 F/C/X/T **IAP**
 MIRL

RWY 17: REIL. PAPI(P4L)—GA 2.83° TCH 45'. Pole.

RWY 35: REIL. PAPI(P4L)—GA 3.0° TCH 48'. Trees.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 17: TORA-7000

RWY 35: TORA-7000

SERVICE: S4 FUEL 100LL, JET A OX 1, 2 LGT ACTIVATE MIRL Rwy 17-35, REIL 17-35—CTAF.

AIRPORT REMARKS: Attended dawn-dusk. 24 hr PPR required for air carrier ops over 30 passenger seats ctc arpt manager 435-789-3400.

AIRPORT MANAGER: (435) 789-3400

WEATHER DATA SOURCES: ASOS 135.175 (435) 781-1224.

COMMUNICATIONS: CTAF/UNICOM 122.7

RCO 122.35 (CEDAR CITY RADIO)

AIRSPACE: CLASS E svc 1300-2100Z† & 2300-0300Z† Mon-Fri, 1300-2300Z† Sat, 1700-2100Z† & 2300-0300Z† Sun other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE VEL.

(L) **VORW/DME** 108.2 VEL Chan 19 N40°22.74'

W109°29.60' 331° 3.5 NM to fld. 5344/15E.

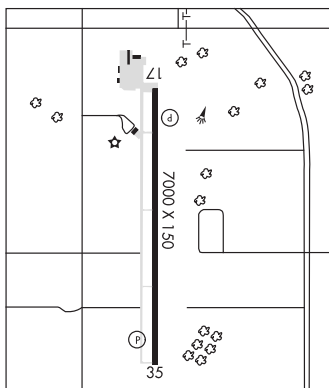
VOR portion unusable:

220°-260° byd 23 NM blo 15,000'

DME unusable:

070°-080° byd 30 NM blo 12,000'

200°-260° byd 15 NM blo 17,000'



WASATCH N40°51.02' W111°58.91' NOTAM FILE SLC.**SALT LAKE CITY****(H) VORTACW** 116.8 TCH Chan 115 161° 3.7 NM to Salt Lake City Intl. 4220/16E.**H-3D, L-9C, 11C**

VOR portion unusable:
 015°-030° blo 26,000'
 030°-050° byd 20 NM
 050°-085° byd 20 NM blo 18,000'
 085°-125° byd 30 NM blo 15,000'
 360°-015° byd 20 NM blo 17,000'

DME unusable:
 030°-080° byd 17 NM blo 17,000'
 030°-080° byd 25 NM
 080°-140° byd 17 NM blo 15,000'
 080°-140° byd 25 NM

TACAN AZIMUTH unusable:
 030°-140°

TACAN AZIMUTH & DME unusable:
 185°-220° byd 25 NM blo 16,000'
 260°-290° byd 25 NM blo 11,000'
 350°-360° byd 30 NM blo 16,000'
 360°-030° byd 17 NM blo 16,000'
 360°-030° byd 30 NM

WAYNE WONDERLAND (See LOA on page 371)**WENDOVER** (ENV)(KENV) 1 SE UTC-7(-6DT) N40°43.12' W114°01.72'**SALT LAKE CITY**

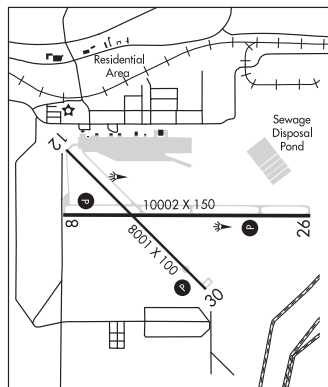
4237 B Class I, ARFF Index B NOTAM FILE ENV

H-3D, L-9C, 11C**RWY 08-26:** H10002X150 (ASPH-GRVD) S-75, D-140, 2S-175, 2D-208 PCN 49 F/C/X/T MIRL**IAP, AD****RWY 08:** REIL. PAPI(P4L)—GA 3.0° TCH 40'. Rgt tfc.**RWY 26:** REIL. PAPI(P4L)—GA 3.0° TCH 50'.**RWY 12-30:** H8001X100 (ASPH-GRVD) S-75, D-140, 2S-108, 2D-180 PCN 73 F/C/X/T MIRL**RWY 12:** REIL. Rgt tfc.**RWY 30:** REIL. PAPI(P4L)—GA 3.0° TCH 45'.**RUNWAY DECLARED DISTANCE INFORMATION****RWY 08:** TORA-10002 TODA-10002 ASDA-10002 LDA-10002**RWY 12:** TORA-8002 TODA-8002 ASDA-8002 LDA-8002**RWY 26:** TORA-10002 TODA-10002 ASDA-10002 LDA-10002**RWY 30:** TORA-8002 TODA-8002 ASDA-8002 LDA-8002**SERVICE:** S2 FUEL 100, JET A LGT ACTIVATE MIRL Rwy 08-26 and Rwy 12-30, REIL Rwy 08 and Rwy 12 and Rwy 30 and PAPI Rwy 08 and Rwy 26 and Rwy 30—CTAF.**AIRPORT REMARKS:** Attended 1500-0100Z±. PPR for air carrier ops with more than 30 passenger seats call arpt manager 435-665-2308. Cold temperature rstd arpt. Altitude correction required at or blo -12C.**AIRPORT MANAGER:** 435-665-2308**WEATHER DATA SOURCES:** AWOS-3PT 120.55 (435) 665-2521.**COMMUNICATIONS:** CTAF/UNICOM 122.8**BONNEVILLE RCO** 112.3 T 122.1R (CEDAR CITY RADIO)**RADIO AIDS TO NAVIGATION:** NOTAM FILE CDC.**BONNEVILLE (H) VORTAC** 112.3 BVL Chan 70 N40°43.57' W113°45.45' 256° 12.4 NM to fld. 4220/12E.

TACAN AZIMUTH unusable:

305°-315°

35 NM blo 14,000'



The purpose of this bulletin is to provide major changes in aeronautical information that have occurred since the last publication date of each Sectional Aeronautical, VFR Terminal Area, and Helicopter Route Chart listed. The general policy is to include only those changes to controlled airspace and special use airspace that present a hazardous condition or impose a restriction on the pilot, and major changes to airports and radio navigational facilities, thereby providing the VFR pilot with the essential data necessary to update and maintain chart currency. The data is grouped by type and then by effective date. When a new edition of the Aeronautical Chart is published, the corrective tabulation will be removed from this bulletin. Inasmuch as this Bulletin provides major changes only, pilots should consult the airport listing in this directory for all new information. Users of Caribbean Charts and U.S. Gulf Coast VFR Aeronautical Charts should consult the appropriate Sectional and VFR Terminal Area Charts for revisions. Positions are shown as degrees, minutes, seconds and hemisphere. Data is current as of 56 days prior to the date of this publication.

Military Training Routes (MTRs) are shown on Sectional Aeronautical Charts, VFR Terminal Area, and Helicopter Route Charts. Only the route centerline, direction of flight and the route designator are shown — route widths and altitudes are not shown. Since these routes are subject to change every 56 days and the charts are reissued generally every 6 months, routes with a change in the alignment of the charted route centerline will be listed in this Aeronautical Chart Bulletin below. You are advised to contact Flight Service for route dimensions and current status for those routes affecting your flight.

ALBUQUERQUE SECTIONAL

100th Edition, 12 Oct 2017

OBSTRUCTIONS

12 Oct 2017 No Major Changes.

7 Dec 2017 Add obst 7180' MSL (328' AGL), 34°07' 29"N, 105°36' 16"W.

Add obst 3802' MSL (260' AGL), 33°28' 58"N, 104°26' 57"W.

1 Feb 2018 Add obst 4142' MSL (240' AGL), 33°36' 20"N, 104°12' 17"W.

29 Mar 2018 Add obst 6196' MSL (330' AGL), 32°25' 24"N, 108°27' 02"W.

AIRPORTS

12 Oct 2017 No Major Changes.

7 Dec 2017 DIAMOND A arpt abandoned, 33°20' 42"N, 105°10' 46"W.

1 Feb 2018 – 29 Mar 2018 No Major Changes.

NAVAIDS

12 Oct 2017 No Major Changes.

7 Dec 2017 Delete GAINES CO NDB, 32°40' 18"N, 102°38' 44"W.

1 Feb 2018 – 29 Mar 2018 No Major Changes.

AIRSPACE

12 Oct 2017 – 29 Mar 2018 No Major Changes.

SPECIAL USE AIRSPACE

12 Oct 2017 – 29 Mar 2018 No Major Changes.

MILITARY TRAINING ROUTES

12 Oct 2017 – 29 Mar 2018 No Major Changes.

MISCELLANEOUS

12 Oct 2017 – 1 Feb 2018 No Major Changes.

29 Mar 2018 Change MEF 4² to 4⁴ in quadrant 34°30' - 101°30' N, 35°00' - 102°00' W.

CHEYENNE SECTIONAL
97th Edition, 4 Jan 2018**OBSTRUCTIONS**

1 Feb 2018 No Major Changes.

29 Mar 2018 Add wind turbine farm. 5428' is highest MSL, 41°17'55"N, 103°43'22"W.
Add obst 3626' MSL (308' AGL), 40°50'23"N, 101°27'16"W.

AIRPORTS

1 Feb 2018 – 29 Mar 2018 No Major Changes.

NAVAIDs

1 Feb 2018 – 29 Mar 2018 No Major Changes.

AIRSPACE

1 Feb 2018 – 29 Mar 2018 No Major Changes.

SPECIAL USE AIRSPACE

1 Feb 2018 – 29 Mar 2018 No Major Changes.

MILITARY TRAINING ROUTES

1 Feb 2018 – 29 Mar 2018 No Major Changes.

MISCELLANEOUS

1 Feb 2018 No Major Changes.

29 Mar 2018 Add Parachute Jumping, 40°38'15"N, 104°59'23"W.

Add Parachute Jumping, 40°19'53"N, 104°36'31"W.

COLORADO SPRINGS TERMINAL AREA CHART
89th Edition, 4 Jan 2018**OBSTRUCTIONS**

1 Feb 2018 Add wind turbine 6567' MSL (443' AGL), 39°07'35"N, 103°56'15"W.

29 Mar 2018 Add wind turbine farm. 6755' is highest MSL, 39°03'23"N, 104°01'51"W.

AIRPORTS

1 Feb 2018 – 29 Mar 2018 No Major Changes.

NAVAIDs

1 Feb 2018 – 29 Mar 2018 No Major Changes.

AIRSPACE

1 Feb 2018 Revise PUEBLO, CO Class D: That airspace extending upward from the surface to and including 7,200 feet MSL within a 5.1-mile radius of Pueblo Memorial Airport. This Class D airspace area is effective during the specific dates and times established in advance by a Notice to Airmen. The effective date and time will thereafter be continuously published in the Chart Supplement.

Revise PUEBLO, CO Class E: That airspace extending upward from 700 feet above the surface within 3.6 miles each side of the 081° bearing from Pueblo Memorial Airport extending from the 5.1-mile radius of the airport to 11.3 miles east of the airport, and within 1.6 miles west and 1.3 miles east of the 358° bearing from the airport extending from the 5.1-mile radius of the airport to 6.7 miles north of the airport.

29 Mar 2018 No Major Changes.

SPECIAL USE AIRSPACE

1 Feb 2018 – 29 Mar 2018 No Major Changes.

MILITARY TRAINING ROUTES

1 Feb 2018 – 29 Mar 2018 No Major Changes.

MISCELLANEOUS

1 Feb 2018 Change MEF 6⁶ to 6⁷ in quadrant 39°00' - 39°30' N, 103°30' - 104°00' W.

29 Mar 2018 Change MEF 6⁷ to 6⁸ in quadrant 39°00' - 39°30' N, 103°30' - 104°00' W.

DENVER SECTIONAL
98th Edition, 4 Jan 2018**OBSTRUCTIONS**

1 Feb 2018 Add wind turbine 6567' MSL (443' AGL), 39°07'35"N, 103°56'15"W.

29 Mar 2018 Add wind turbine farm. 6755' is highest MSL, 39°03'23"N, 104°01'51"W.

AIRPORTS

1 Feb 2018 – 29 Mar 2018 No Major Changes.

NAVAIDs

1 Feb 2018 – 29 Mar 2018 No Major Changes.

AIRSPACE

1 Feb 2018 Revise PUEBLO, CO Class D: That airspace extending upward from the surface to and including 7,200 feet MSL within a 5.1-mile radius of Pueblo Memorial Airport. This Class D airspace area is effective during the specific dates and times established in advance by a Notice to Airmen. The effective date and time will thereafter be continuously published in the Chart Supplement.

Revise PUEBLO, CO Class E: That airspace extending upward from 700 feet above the surface within 3.6 miles each side of the 081° bearing from Pueblo Memorial Airport extending from the 5.1-mile radius of the airport to 11.3 miles east of the airport, and within 1.6 miles west and 1.3 miles east of the 358° bearing from the airport extending from the 5.1-mile radius of the airport to 6.7 miles north of the airport.

3/29/2018 No Major Changes.

SPECIAL USE AIRSPACE

1 Feb 2018 – 29 Mar 2018 No Major Changes.

MILITARY TRAINING ROUTES

1 Feb 2018 – 29 Mar 2018 No Major Changes.

MISCELLANEOUS

1 Feb 2018 Change MEF 6⁶ to 6⁷ in quadrant 39°00' - 39°30' N, 103°30' - 104°00' W.

29 Mar 2018 Change MEF 6⁷ to 6⁸ in quadrant 39°00' - 39°30' N, 103°30' - 104°00' W.

DENVER TERMINAL AREA CHART
89th Edition, 4 Jan 2018**OBSTRUCTIONS**

1 Feb 2018 – 29 Mar 2018 No Major Changes.

AIRPORTS

1 Feb 2018 – 29 Mar 2018 No Major Changes.

NAVAIDs

1 Feb 2018 – 29 Mar 2018 No Major Changes.

AIRSPACE

1 Feb 2018 – 29 Mar 2018 No Major Changes.

SPECIAL USE AIRSPACE

1 Feb 2018 – 29 Mar 2018 No Major Changes.

MILITARY TRAINING ROUTES

1 Feb 2018 – 29 Mar 2018 No Major Changes.

MISCELLANEOUS

1 Feb 2018 No Major Changes.

29 Mar 2018 Add Parachute Jumping, 40°19'53"N, 104°36'31"W.

EL PASO SECTIONAL
100th Edition, 1 Feb 2018

OBSTRUCTIONS

1 Feb 2018 – 29 Mar 2018 No Major Changes.

AIRPORTS

1 Feb 2018 – 29 Mar 2018 No Major Changes.

NAVAIDS

1 Feb 2018 – 29 Mar 2018 No Major Changes.

AIRSPACE

1 Feb 2018 – 29 Mar 2018 No Major Changes.

SPECIAL USE AIRSPACE

1 Feb 2018 – 29 Mar 2018 No Major Changes.

MILITARY TRAINING ROUTES

1 Feb 2018 – 29 Mar 2018 No Major Changes.

MISCELLANEOUS

1 Feb 2018 – 29 Mar 2018 No Major Changes.

GRAND CANYON VFR AERONAUTICAL CHART
3rd Edition, 19 Apr 2001

OBSTRUCTIONS

17 May 2001 – 29 Mar 2018 No Major Changes.

AIRPORTS

17 May 2001 – 10 May 2007 No Major Changes.

5 Jul 2007 Delete TASSI arpt, 36°15'09"N, 113°57'54"W.

Delete THE RANCH arpt, 36°00'37"N, 112°17'30"W.

30 Aug 2007 – 29 Mar 2018 No Major Changes.

NAVAIDS

17 May 2001 – 29 Mar 2018 No Major Changes.

AIRSPACE

17 May 2001 – 29 Mar 2018 No Major Changes.

SPECIAL USE AIRSPACE

17 May 2001 – 29 Mar 2018 No Major Changes.

MILITARY TRAINING ROUTES

17 May 2001 – 29 Mar 2018 No Major Changes.

MISCELLANEOUS

17 May 2001 Blue Direct North (BDN) west bound route, add 10,500 with a westbound arrow above the 8,500 figure just west of Supai/Diamond Creek Sector boundary.

12 Jul 2001 – 24 Jul 2014 No Major Changes.

18 Sep 2014 Blue Direct North (BDN) west bound route, add 10,500 with a westbound arrow above the 8,500 figure just west of Supai/Diamond Creek Sector boundary. The Las Vegas Air Tour Procedures Manual provides specific guidance and authority for flying this route.

13 Nov 2014 – 29 Mar 2018 No Major Changes.

KLAMATH FALLS SECTIONAL
98th Edition, 29 Mar 2018**OBSTRUCTIONS**

29 Mar 2018 No Major Changes.

AIRPORTS

29 Mar 2018 No Major Changes.

NAVAIDS

29 Mar 2018 No Major Changes.

AIRSPACE

29 Mar 2018 No Major Changes.

SPECIAL USE AIRSPACE

29 Mar 2018 No Major Changes.

MILITARY TRAINING ROUTES

29 Mar 2018 No Major Changes.

MISCELLANEOUS

29 Mar 2018 No Major Changes.

LAS VEGAS SECTIONAL
99th Edition, 1 Mar 2018**OBSTRUCTIONS**

29 Mar 2018 Add obst 9238' MSL (312' AGL), 39°43'32"N, 111°08'09"W.

AIRPORTS

29 Mar 2018 No Major Changes.

NAVAIDS

29 Mar 2018 No Major Changes.

AIRSPACE

29 Mar 2018 Add SPANISH FORK, UT Class E: That airspace extending upward from 700 feet above the surface within a 6.5-mile radius of Spanish Fork Airport Springville-Woodhouse Field.

SPECIAL USE AIRSPACE

29 Mar 2018 No Major Changes.

MILITARY TRAINING ROUTES

29 Mar 2018 No Major Changes.

MISCELLANEOUS

29 Mar 2018 No Major Changes.

LAS VEGAS TERMINAL AREA CHART
88th Edition, 1 Mar 2018**OBSTRUCTIONS**

29 Mar 2018 No Major Changes.

AIRPORTS

29 Mar 2018 No Major Changes.

NAVAIDS

29 Mar 2018 No Major Changes.

AIRSPACE

29 Mar 2018 No Major Changes.

SPECIAL USE AIRSPACE

29 Mar 2018 No Major Changes.

MILITARY TRAINING ROUTES

29 Mar 2018 No Major Changes.

MISCELLANEOUS

29 Mar 2018 No Major Changes.

LOS ANGELES HELICOPTER ROUTE CHART
11th Edition, 23 Jun 2016**OBSTRUCTIONS**

- 21 Jul 2016** Add obst 1387' MSL (1100' AGL) UC, 34°03'00"N, 118°15'35"W.
15 Sep 2016 – 27 Apr 2017 No Major Changes.
22 Jun 2017 Add obst 555' MSL (333' AGL), 33°39'16"N, 117°44'45"W.
Change obst from 668' MSL (400' AGL) UC to 767' MSL (499' AGL) UC, 33°40'21"N, 117°44'35"W.
17 Aug 2017 – 29 Mar 2018 No Major Changes.

AIRPORTS

- 21 Jul 2016** Delete Two (2) helipads at LOS ALAMITOS AAF arpt, 33°47'24"N, 118°03'05"W.
15 Sep 2016 Change BRACKETT ATCT freq from 118.2 to 118.2 Rwy 08R/26L, 133.3 Rwy 08L/26R, 34°05'50"N, 117°46'59"W.
Delete RP 16R and 34R at LONG BEACH/DAUGHERTY arpt, 33°49'03"N, 118°09'06"W.
10 Nov 2016 – 12 Oct 2017 No Major Changes.
7 Dec 2017 Delete PARKER CENTER heli, 34°03'08"N, 118°14'28"W.
1 Feb 2018 – 29 Mar 2018 No Major Changes.

AIRSPACE

- 21 Jul 2016 – 27 Apr 2017** No Major Changes.
22 Jun 2017 Change ONTARIO Class C freq from 127.25 to 127.0.
17 Aug 2017 – 29 Mar 2018 No Major Changes.

NAVAIDS

- 21 Jul 2016 – 22 Jun 2017** No Major Changes.
17 Aug 2017 Shutdown EL MONTE NDB, 34°05'18"N, 118°01'52"W.
12 Oct 2017 Delete PACOIMA NDB, 34°15'35"N, 118°24'48"W.
7 Dec 2017 – 29 Mar 2018 No Major Changes.

SPECIAL USE AIRSPACE

- 21 Jul 2016 – 29 Mar 2018** No Major Changes.

MILITARY TRAINING ROUTES

- 21 Jul 2016 – 29 Mar 2018** No Major Changes.

MISCELLANEOUS

- 21 Jul 2016 – 7 Dec 2017** No Major Changes.
1 Feb 2018 Revise runway 03/21 length at SANTA MONICA arpt from 5000' to 3500', 34°00'57"N, 118°27'05"W.
29 Mar 2018 No Major Changes.
-

LOS ANGELES SECTIONAL
102nd Edition, 7 Dec 2017**OBSTRUCTIONS**

7 Dec 2017 No Major Changes.

1 Feb 2018 Add wind turbine farm. 4963' is highest MSL, 32°46'56"N, 116°20'06"W.

29 Mar 2018 Add wind turbine 2767' MSL (427' AGL), 34°41'31"N, 118°13'18"W.

AIRPORTS

7 Dec 2017 – 29 Mar 2018 No Major Changes.

NAVAIDS

7 Dec 2017 – 29 Mar 2018 No Major Changes.

AIRSPACE

7 Dec 2017 – 29 Mar 2018 No Major Changes.

SPECIAL USE AIRSPACE

7 Dec 2017 – 29 Mar 2018 No Major Changes.

MILITARY TRAINING ROUTES

7 Dec 2017 – 1 Feb 2018 No Major Changes.

29 Mar 2018 VR 289 Revised

VR 296 Revised

MISCELLANEOUS

7 Dec 2017 No Major Changes.

1 Feb 2018 Revise runway 03/21 length at SANTA MONICA arpt from 5000' to 3500', 34°00'57"N, 118°27'05"W.

Change SPOT ELEVATION from 534' to 5348', 35°57'20"N, 117°49'59"W.

29 Mar 2018 No Major Changes.

LOS ANGELES TERMINAL AREA CHART
76th Edition, 7 Dec 2017**OBSTRUCTIONS**

7 Dec 2017 – 29 Mar 2018 No Major Changes.

AIRPORTS

7 Dec 2017 – 29 Mar 2018 No Major Changes.

NAVAIDS

7 Dec 2017 – 29 Mar 2018 No Major Changes.

AIRSPACE

7 Dec 2017 – 29 Mar 2018 No Major Changes.

SPECIAL USE AIRSPACE

7 Dec 2017 – 29 Mar 2018 No Major Changes.

MILITARY TRAINING ROUTES

7 Dec 2017 – 29 Mar 2018 No Major Changes.

MISCELLANEOUS

7 Dec 2017 No Major Changes.

1 Feb 2018 Revise runway 03/21 length at SANTA MONICA arpt from 5000' to 3500', 34°00'57"N, 118°27'05"W.

29 Mar 2018 No Major Changes.

PHOENIX SECTIONAL

98th Edition, 12 Oct 2017

OBSTRUCTIONS

12 Oct 2017 No Major Changes.

7 Dec 2017 Add obst 3882' MSL (285' AGL), 33°24'41"N, 110°51'23"W.

1 Feb 2018 Add obst 2522' MSL (209' AGL), 33°36'08"N, 111°00'18"W.

Add obst 1131' MSL (250' AGL), 32°52'43"N, 112°43'59"W.

29 Mar 2018 No Major Changes.

AIRPORTS

12 Oct 2017 – 7 Dec 2017 No Major Changes.

1 Feb 2018 Add RP 22 to SELIGMAN arpt, 33°20'06"N, 112°53'11"W.

29 Mar 2018 SAN CARLOS arpt abandoned, 33°22'40"N, 110°27'42"W.

NAVAIDS

12 Oct 2017 – 29 Mar 2018 No Major Changes.

AIRSPACE

12 Oct 2017 – 29 Mar 2018 No Major Changes.

SPECIAL USE AIRSPACE

12 Oct 2017 No Major Changes.

7 Dec 2017 Add YUMA WEST, AZ Restricted area R-2306F. Boundaries. Beginning at 32°51'52" N, 114°26'52" W; to 32°52'30" N, 114°21'03" W; to 32°51'15" N, 114°21'03" W; to 32°51'19" N, 114°19'29" W; then clockwise along a 3.5 NM arc centered at 32°51'53" N, 114°23'35" W; to 32°49'30" N, 114°26'38" W; to 32°49'51" N, 114°26'38" W; to 32°50'08" N, 114°26'33" W; to 32°50'17" N, 114°26'19" W; to 32°50'31" N, 114°26'17" W; to 32°50'42" N, 114°26'29" W; to 32°51'11" N, 114°26'34" W; to the point of beginning. Designated altitudes. Surface to and including 1,700 feet MSL. Time of designation. Intermittent, 0600-1800 local time, Monday - Saturday; other times by NOTAM. Controlling agency. Yuma Approach Control, MCAS Yuma, AZ.

1 Feb 2018 – 29 Mar 2018 No Major Changes.

MILITARY TRAINING ROUTES

12 Oct 2017 – 1 Feb 2018 No Major Changes.

29 Mar 2018 VR 289 Revised

VR 296 Revised

MISCELLANEOUS

12 Oct 2017 – 1 Feb 2018 No Major Changes.

29 Mar 2018 Add Parachute Jumping, 33°03'14"N, 112°10'24"W.

PHOENIX TERMINAL AREA CHART

57th Edition, 12 Oct 2017

OBSTRUCTIONS

12 Oct 2017 – 7 Dec 2017 No Major Changes.

1 Feb 2018 Add obst 1131' MSL (250' AGL), 32°52'43"N, 112°43'59"W.

29 Mar 2018 No Major Changes.

AIRPORTS

12 Oct 2017 – 29 Mar 2018 No Major Changes.

NAVAIDS

12 Oct 2017 – 29 Mar 2018 No Major Changes.

AIRSPACE

12 Oct 2017 – 29 Mar 2018 No Major Changes.

SPECIAL USE AIRSPACE

12 Oct 2017 – 29 Mar 2018 No Major Changes.

MILITARY TRAINING ROUTES

12 Oct 2017 – 29 Mar 2018 No Major Changes.

MISCELLANEOUS

12 Oct 2017 – 1 Feb 2018 No Major Changes.

29 Mar 2018 Add Parachute Jumping, 33°03'14"N, 112°10'24"W.

SALT LAKE CITY SECTIONAL
99th Edition, 29 Mar 2018**OBSTRUCTIONS**

29 Mar 2018 No Major Changes.

AIRPORTS

29 Mar 2018 No Major Changes.

NAVAIDS

29 Mar 2018 No Major Changes.

AIRSPACE

29 Mar 2018 No Major Changes.

SPECIAL USE AIRSPACE

29 Mar 2018 No Major Changes.

MILITARY TRAINING ROUTES

29 Mar 2018 No Major Changes.

MISCELLANEOUS

29 Mar 2018 No Major Changes.

SALT LAKE CITY TERMINAL AREA CHART
58th Edition, 29 Mar 2018**OBSTRUCTIONS**

29 Mar 2018 No Major Changes.

AIRPORTS

29 Mar 2018 No Major Changes.

NAVAIDS

29 Mar 2018 No Major Changes.

AIRSPACE

29 Mar 2018 No Major Changes.

SPECIAL USE AIRSPACE

29 Mar 2018 No Major Changes.

MILITARY TRAINING ROUTES

29 Mar 2018 No Major Changes.

MISCELLANEOUS

29 Mar 2018 No Major Changes.

SAN DIEGO TERMINAL AREA CHART
75th Edition, 7 Dec 2017**OBSTRUCTIONS**

7 Dec 2017 No Major Changes.

1 Feb 2018 Add wind turbine farm. 4963' is highest MSL, 32°46'56"N, 116°20'06"W.

29 Mar 2018 No Major Changes.

AIRPORTS

7 Dec 2017 – 29 Mar 2018 No Major Changes.

NAVAIDS

7 Dec 2017 – 29 Mar 2018 No Major Changes.

AIRSPACE

7 Dec 2017 – 29 Mar 2018 No Major Changes.

SPECIAL USE AIRSPACE

7 Dec 2017 – 29 Mar 2018 No Major Changes.

MILITARY TRAINING ROUTES

7 Dec 2017 – 29 Mar 2018 No Major Changes.

MISCELLANEOUS

7 Dec 2017 – 29 Mar 2018 No Major Changes.

SAN FRANCISCO SECTIONAL
100th Edition, 1 Mar 2018**OBSTRUCTIONS**

29 Mar 2018 No Major Changes.

AIRPORTS

29 Mar 2018 No Major Changes.

NAVAIDS

29 Mar 2018 No Major Changes.

AIRSPACE

29 Mar 2018 Add TRUCKEE-TAHOE CA, Class D: That airspace extending upward from the surface to and including 8,400 feet MSL within a 4.2-mile radius of Truckee-Tahoe Airport. This Class D surface area is effective during the specific dates and times established, in advance, by a Notice to Airmen. The effective date and time will thereafter be continuously published in the Chart Supplement.

Revise TRUCKEE-TAHOE CA, Class E: That airspace extending upward from the surface within a 4.2-mile radius of Truckee-Tahoe Airport. This Class E surface area is effective during the specific dates and times established, in advance, by a Notice to Airmen. The effective date and time will thereafter be continuously published in the Chart Supplement.

Add TRUCKEE-TAHOE CA, Class E: That airspace extending upward from the surface within a line beginning at the point where the 279° bearing from Truckee-Tahoe Airport intersects the 4.2-mile radius of the airport to 39°26'41"N, 120°20'43"W, to 39°29'27"N, 120°16'17"W, to the point where the 344° bearing from the airport intersects the 4.2-mile radius of the airport, thence counterclockwise along the 4.2-mile radius of the airport to the point of beginning, and that airspace within a line beginning at the point where the 352° bearing from the airport intersects the 4.2-mile radius of the airport to 39°29'18"N, 120°06'57"W, to 39°28'11"N, 120°01'44"W, to the point where the 053° bearing from the airport intersects the 4.2-mile radius of the airport, thence counterclockwise along the 4.2-mile radius of the airport to the point of beginning.

Revise TRUCKEE-TAHOE CA Class E: That airspace extending upward from 700 feet above the surface within a line beginning at 39°26'41"N, 120°20'43"W, to 39°30'34"N, 120°23'37"W, to 39°32'45"N, 120°18'59"W, to 39°29'27"N, 120°16'17"W thence to the point of beginning; and that airspace within a line beginning at 39°29'18"N, 120°06'57"W, to 39°37'23"N, 120°04'08"W, to 39°36'17"N, 119°58'54"W, to 39°28'11"N, 120°01'44"W, thence to the point of beginning; and that airspace within 1.8 miles each side of a line extending from the point where the Truckee-Tahoe Airport 328° bearing intersects the 4.2-mile radius of the airport to the point on the 348° bearing from the airport extending 6.3 miles northwest of the airport.

SPECIAL USE AIRSPACE

29 Mar 2018 No Major Changes.

MILITARY TRAINING ROUTES

29 Mar 2018 IR-206 Revised

MISCELLANEOUS

29 Mar 2018 No Major Changes.

SAN FRANCISCO TERMINAL AREA CHART
92nd Edition, 1 Mar 2018

OBSTRUCTIONS**29 Mar 2018** No Major Changes.**AIRPORTS****29 Mar 2018** No Major Changes.**NAVAIDS****29 Mar 2018** Add SAUSALITO VOR-DME, freq 116.2, Chan 109, ident (SAU), class L, 37°51'19"N, 122°31'21"W.**AIRSPACE****29 Mar 2018** No Major Changes.**SPECIAL USE AIRSPACE****29 Mar 2018** No Major Changes.**MILITARY TRAINING ROUTES****29 Mar 2018** No Major Changes.**MISCELLANEOUS****29 Mar 2018** No Major Changes.

WICHITA SECTIONAL
100th Edition, 4 Jan 2018

OBSTRUCTIONS**1 Feb 2018** Add wind turbine 6567' MSL (443' AGL)UC, 39°07'35"N, 103°56'15"W.**29 Mar 2018** Add obst 3838' MSL (240' AGL), 39°24'30"N, 101°38'01"W.

Add obst 4156' MSL (300' AGL), 39°14'04"N, 101°54'48"W.

Add obst 1639' MSL (364' AGL), 37°23'26"N, 97°27'14"W.

Add wind turbine 2738' MSL (498' AGL)UC, 36°09'27"N, 99°16'07"W.

Add wind turbine farm. 6666' UC is highest MSL, 39°03'52"N, 103°59'59"W.

AIRPORTS**1 Feb 2018 – 29 Mar 2018** No Major Changes.**NAVAIDS****1 Feb 2018** Delete HEBRON NDB, 40°09'01"N, 97°35'15"W.**29 Mar 2018** No Major Changes.**AIRSPACE****1 Feb 2018 – 29 Mar 2018** No Major Changes.**SPECIAL USE AIRSPACE****1 Feb 2018 – 29 Mar 2018** No Major Changes.**MILITARY TRAINING ROUTES****1 Feb 2018 – 29 Mar 2018** No Major Changes.**MISCELLANEOUS****1 Feb 2018** Change MEF 6⁶ to 6⁷ in quadrant 39°00' - 39°30'N, 103°30' - 104°00'W.**29 Mar 2018** Change MEF 6⁷ to 6⁸ in quadrant 39°00' - 39°30'N, 103°30' - 104°00'W.

2018 U.S. & CANADIAN MILITARY AERIAL AIRCRAFT/PARACHUTE DEMONSTRATIONS

During CY 2018, the U.S. and Canadian Military Aerial Demonstration Teams (Thunderbirds, Blue Angels, Snowbirds, and Golden Knights) will be performing on the dates and locations listed below.

Pilots should expect Temporary Flight Restrictions (TFR) in accordance with 14 CFR Section 91.145, Management of Aircraft operations in the vicinity of aerial demonstrations and major sporting events. The dimensions and effective times of the TFRs may vary based upon the specific aerial demonstration event and will be issued via the U.S. NOTAM system. Pilots are strongly encouraged to check FDC NOTAMs to verify they have the most current information regarding these airspace restrictions.

The currently scheduled 2018 aerial demonstration locations, subject to change without notice are:

| DATE | | USAF Thunderbirds | USN Blue Angels | USA Golden Knights | Canadian Snowbirds |
|-----------|-------|-----------------------|------------------------|------------------------------|----------------------|
| April | 2 | | | Dahlonaga, GA | |
| | 7-8 | March ARB, CA | Waco, TX | Riverside, CA | |
| | 14 | | | Fort Bragg, NC | |
| | 14-15 | Lakeland, FL | Tuscaloosa, AL | | |
| | 15-22 | | | Zephyrhills, FL | |
| | 21 | | | Louisville, KY | |
| | 21-22 | Columbus AFB, MS | Vero Beach, FL | Columbus AFB, MS | |
| | 28-29 | JB Charleston, SC | Myrtle Beach, SC | | |
| May | 5-6 | Fort Lauderdale, FL | Havelock, NC | JB McGuire-Dix-Lakehurst, NJ | Havelock, NC |
| | 12 | Laughlin AFB, TX | | | |
| | 12-13 | | Tampa, FL | | Colorado Springs, CO |
| | 15-20 | | | Whiteville, TN | |
| | 18-20 | | | Hampton, VA | |
| | 19-20 | Langley AFB, VA | | | Anderson, SC |
| | 23 | USAF Academy, CO | Annapolis, MD | | |
| | 25 | | Annapolis, MD | | |
| | 26 | | | Miami Beach, FL | |
| | 26-27 | Cannon AFB, NM | Wantagh, NY | | Jones Beach, NY |
| June | 2-3 | Mountain Home AFB, ID | NAS Patuxent River, MD | | |
| | 3 | | | Long Pond, PA | |
| | 9 | | | Raeford, NC | |
| | 9-10 | Niagara Falls ARS, NY | North Kingstown, RI | | Niagara Falls, NY |
| | 15 | | | Omaha, NE | |
| | 15-17 | | | Bristol, TN | |
| | 16-17 | Ocean City, MD | Eau Claire, WI | | |
| | 23 | | | Dayton, OH | |
| | 23-24 | Hill AFB, UT | Dayton, OH | Johnson City, TN | |
| | 30 | JB Elmendorf, AK | Traverse City, MI | | |
| July | 1 | JB Elmendorf, AK | Traverse City, MI | | |
| | 7-8 | Duluth, MN | | | |
| | 14 | | Pensacola, FL | | |
| | 14-15 | Westover ARB, MA | | | |
| | 21-22 | Milwaukee, WI | Biloxi, MS | | |
| | 25 | Cheyenne, WY | | | |
| August | 28-29 | Latrobe, PA | Fargo, ND | | |
| | 4 | Minot AFB, ND | | | |
| | 4-5 | | Seattle, WA | | |
| | 18-19 | Chicago, IL | Terre Haute, IN | | |
| | 22 | Atlantic City, NJ | | | Atlantic City, NJ |
| September | 25-26 | Ypsilanti, MI | St Joseph, MO | | |
| | 1-3 | | Cleveland, OH | | |
| | 8-9 | McConnell AFB, KS | | | |
| | 15-16 | New Windsor, NY | Owensboro, KY | | |
| | 22-23 | Mather, CA | NAS Oceana, VA | | Virginia Beach, VA |
| October | 29-30 | Salinas, CA | San Diego, CA | | Hillsboro, OR |
| | 6-7 | Baltimore, MD | San Francisco, CA | | |
| | 13-14 | Fort Worth, TX | Minden-Tahoe, NV | | Fort Worth, TX |
| | 20-21 | Huntington Beach, CA | Houston, TX | | |
| | 27-28 | Little Rock AFB, AR | NAS Jacksonville, FL | | |
| November | 2-3 | | NAS Pensacola, FL | | |
| | 3-4 | Homestead ARB, FL | | | |

Note: Dates and locations are scheduled "show dates" only and do not reflect arrival or practice date TFR periods that may precede the specific aerial demonstration events listed above. Again, pilots are strongly encouraged to check FDC NOTAMs to verify they have the most current information regarding any airspace restrictions.

SW, 29 MAR 2018 to 24 MAY 2018

SPACE LAUNCH ACTIVITY AREAS

The following tabulation lists all of the space launch activity areas where federally licensed or permitted commercial space transportation operations occur. A space launch activity area is an area where hazardous operations might occur and are depicted on the appropriate visual charts for pilot awareness. The exact location and size of the hazard area and effective time of operation vary—NOTAMS are issued for the space launch activity area prior to every federally licensed or permitted launch or reentry activity. Note that in the description section, some space launch activity areas do not have any licensed or permitted operations, while others only have vertical launches from launch pads and some have horizontal launches from runways. In order to remain clear of the hazard area when the area is operational, it is necessary to check NOTAMS for the specific space launch activity area prior to flight to determine the exact location and size of the hazard area and time of the activity. The appropriate facilities for obtaining NOTAMS for each space launch activity area are listed in the table.

Please note that only space launch activity areas where 14 CFR Part 400 commercial space transportation operations occur are denoted in this list. Although Part 101 amateur rocket operations may occur at the space launch activity areas noted in this list, Part 101 amateur rocket launches may also occur elsewhere in the United States and are not indicated below.

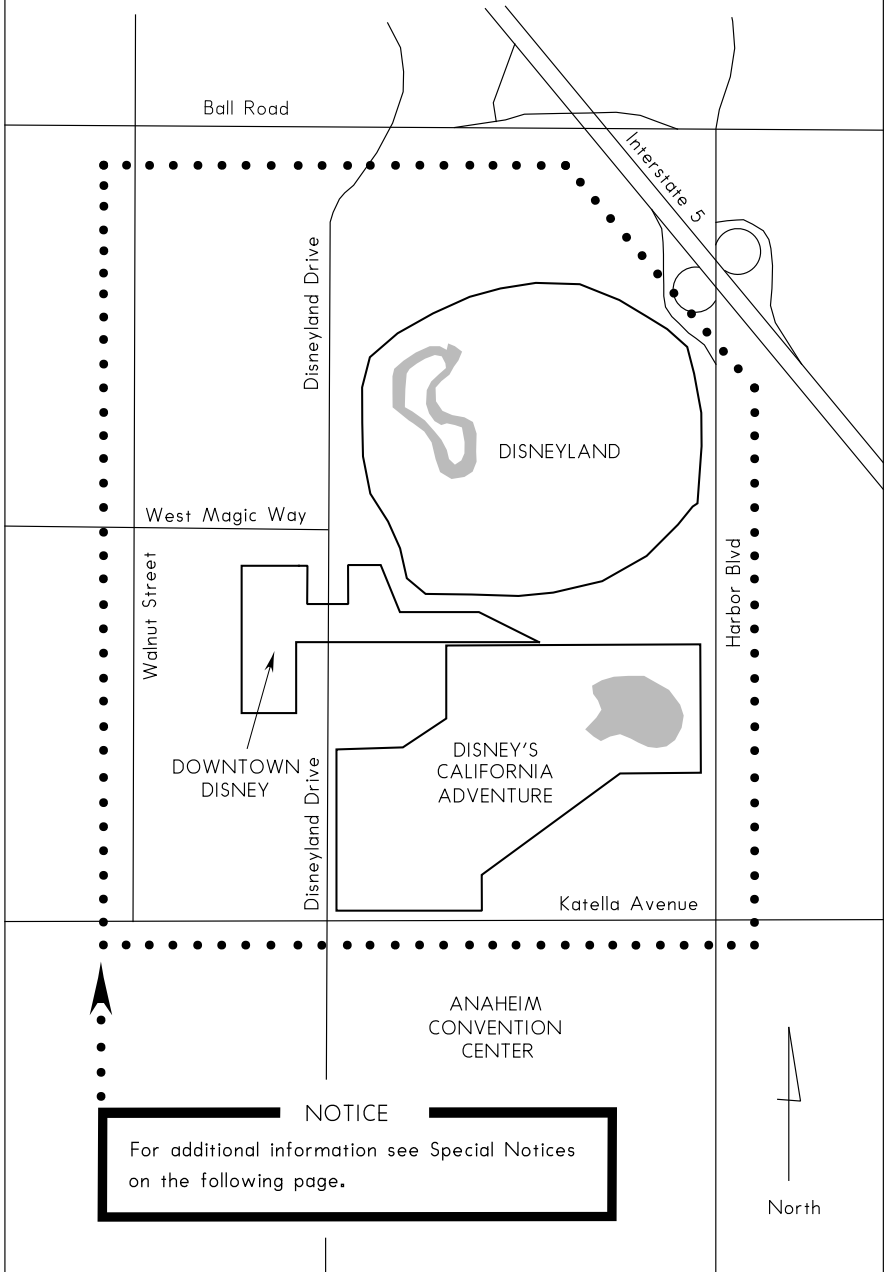
| State | Name | Co- Located Airport | Nearest Airport (if not co- located) | Distance from Nearest Airport | Direction from Nearest Airport | Latitude | Longitude | Description | Check for NOTAMS |
|-------|---|---------------------------|--|--|---|---------------|----------------|---|------------------------|
| AK | Pacific Spaceport Complex Alaska | | PADQ | 20 | S | 57°26'6.49"N | 152°20'21.66"W | Space launch and reentry operations are conducted at various times within area. Vertical launch and reentry activities are conducted from launch pads approximately 20nm south of PADQ. | ZAN or PAZA |
| CA | California Spaceport at Vandenberg AFB | VBG | | | | 34°38'26.29"N | 120°35'23.34"W | Space launch and reentry operations are conducted at various times within area. Vertical launch and reentry activities are conducted from launch pads located as far south as 12 nm from KVBG airport. | KZLA, KVBG, KHHR |
| CA | Mojave Air & Spaceport | MHV | | | | 35°03'32.19"N | 118°09'02.19"W | Space launch and reentry operations are conducted at various times within area. Vertical launch and reentry activities are conducted from launch pads located north of runways. Horizontal launch and reentry activity are conducted from runways. | KMHV, KEDW, KZLA |
| FL | Cape Canaveral Area (Space Florida, Cape Canaveral Air Force Station, Shuttle Landing Facility, Kennedy Space Center) | XMR, TTS | | | | 28°28'2.42"N | 80°33'58.94"W | Space launch and reentry operations are conducted at various times within the area. Vertical launch and reentry activities are conducted from launch pads located throughout the Cape Canaveral Area. Horizontal launch and reentry activities are not currently being conducted at the Shuttle Landing Facility (SLF). | KZMA |
| FL | Cecil Field Spaceport | VQQ | | | | 30°13'07.6"N | 81°52'37.8"W | Space launch and reentry operations are not currently being conducted in the SLA. The site does not have a licensed operator authorized to conduct any space launch or reentry activities in the area. | KZJX, KVQQ, KZMA |

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| State | Name | Co-located Airport | Nearest Airport (if not co-located) | Distance from Nearest Airport | Direction from Nearest Airport | Latitude | Longitude | Description | Check for NOTAMS |
|-------|--|--------------------|-------------------------------------|-------------------------------|--------------------------------|---------------|---------------|---|------------------------|
| NM | Spaceport America | 9NM9 | | | | 32°59'22.7"N | 106°58'10.1"W | Space launch and reentry operations are conducted at various times within the area. Vertical launch and reentry activities are conducted from launch pads southeast of runway. Although horizontal launch and reentry activities are not currently being conducted at Spaceport America, a launch operator has approached the FAA with the intent to begin horizontal launch and reentry operations at Spaceport America in the future. | KZAB |
| OK | Oklahoma Spaceport | CSM | | | | 35°20'23.42"N | 99°12'01.8"W | Space launch and reentry operations are not currently being conducted in the SLA. The site does not have a licensed operator authorized to conduct any space launch or reentry activities in the area. | KZFW, KCSM, KZKC |
| TX | Houston Spaceport | EFD | | | | 29°36'26"N | 95°9'32"W | Space launch and reentry operations are not currently being conducted in the SLA. The site does not have a licensed operator authorized to conduct any space launch or reentry activities in the area. | KZHU, KEFD |
| TX | Midland Spaceport | MAF | | | | 31°56'33.1"N | 102°12'06.9"W | Space launch and reentry operations are not currently being conducted in the SLA. The site does not have a licensed operator authorized to conduct any space launch or reentry activities in the area. | KMAF, KZFW |
| TX | SpaceX Rocket Development Facility | | PWG | 9 | SW | 31°23'33.66"N | 97°27'46.25"W | Sub-orbital launch operations are conducted from the facility at various times. | KTPL, KZHU, KPWG, KZFW |
| TX | West Texas Launch Site | | VHN | 22 | N | 31°24'24.26"N | 104°45'8.74"W | Sub-orbital space launch operations are conducted from the site at various times. | KZAB |
| VA | Mid-Atlantic Regional Spaceport at Wallops Flight Facility | | WAL | 5 | S | 37°51'2.13"N | 75°28'15.93"W | Space launch and reentry operations are conducted at various times within area. Vertical launch and reentry activities are conducted from launch pads located about 5 nm south of KWAL airport. | KZDC |

Disneyland Theme Park



**DISNEYLAND THEME PARK
NOTICE**

Pursuant to Public Law 108-199, Section 521, aircraft flight operations are prohibited at and below 3,000 feet AGL within a 3 nautical mile radius of the Disneyland Theme Park (334805N/1175517W or the Seal Beach (SLI) VORTAC 066 degree radial at 6.8 nautical miles). This restriction does not apply to: (A) those aircraft authorized by ATC for operational or safety purposes, including aircraft arriving or departing from an airport using standard air traffic procedures; (B) Department of Defense, law enforcement, or aeromedical flight operations that are in contact with ATC; Those who meet any of the following criteria may apply for a waiver to these restrictions: (A) for operational purposes of the venue, including the transportation of equipment or officials of the governing body; (b) for safety and security purposes of the venue.

**RADAR HAZARD
BEALE AFB (KBAB)**

Avoid flight below 6000' MSL within 1 NM of PAVE PAWS radar site located at Beale TACAN 072° radial, 4.2 DME (N39.13° W121.35°) to prevent hazard to aircraft carrying electro-explosive devices.

**LIGHTS-OUT OPERATIONS
Desert/Reveille MOAs, Nevada and Utah**

Lights-out night vision goggle flight training operations conducted within the Desert and Reveille North/South Military Operations Areas (MOAs) at all altitudes, Monday through Friday between sunset and sunrise when the MOAs are active. Traffic advisories are available from the Nellis ATC Facility (Nellis Control) on 126.65 or 124.95.

**LIGHTS-OUT OPERATIONS
Lucin/Sevir/Gandy MOAs, Utah**

Lights-out night vision goggle flight training operations conducted within the Lucin, Sevir, and Gandy Military Operations Areas (MOAs) at all altitudes, Monday through Friday between sunset and sunrise when the MOAs are active. Traffic advisories are available from the Clover ATC Facility (Clover Control) on 118.45 or 134.1.

**LIGHTS-OUT OPERATIONS
Sells Low/Sells 1 MOA, Arizona**

Lights-out night vision goggle training operations will be conducted within the Sells Low/Sells 1 MOAs at all altitudes from sunset to 0700Z, Monday-Friday, or as scheduled by NOTAM when the MOAs are activated for military training. Nonparticipating pilots should contact Albuquerque Center on 126.45 or 125.25 for traffic advisories and NOTAM information.

**INTERSECTION DEPARTURES DURING PERIOD OF DARKNESS
SAN FRANCISCO INTERNATIONAL AIRPORT (SFO)
SAN FRANCISCO, CALIFORNIA**

San Francisco International Airport Traffic Control Tower has been granted a waiver to the guideline that prohibits the control tower from taxiing an aircraft into "position and hold" at an intersection, between sunset and sunrise.

This waiver allows the tower to taxi the aircraft into "position and hold" during period of darkness, at the intersections listed below.

Runway 1R at Taxiway Mike

Runway 10L at Taxiways Romeo or Uniform

Runway 10R at Taxiway Uniform

Aircraft shall not taxi into position and hold under the provisions of this waiver when the subject intersection is not visible from the tower. When the provisions of this waiver are being exercised, the affected runways shall be used for departures only. Intersection departures will continue to be utilized at other locations between sunset and sunrise. However, aircraft cannot be taxied into "position and hold" prior to takeoff clearance.

**LAS VEGAS MCCARRAN INTERNATIONAL AIRPORT (LAS) AND
NORTH LAS VEGAS AIRPORT (VGT) CONTROLLER APPLIED VISUAL SEPARATION**

Las Vegas McCarran International Tower (LAS) is authorized to utilize controller applied visual separation between aircraft departing LAS Runways 1L/1R and aircraft arriving into VGT Runway 30L/30R. This special procedure may only be used when reported weather conditions are at a minimum of 7,000 feet MSL ceiling and visibility of 10 miles or greater.

**LAS VEGAS MCCARRAN INTERNATIONAL AIRPORT (LAS) AND
HENDERSON EXECUTIVE AIRPORT (HND) CONTROLLER APPLIED VISUAL SEPARATION**

Las Vegas McCarran International Tower (LAS) is authorized to utilize controller applied visual separation between aircraft arriving LAS Runways 26L, 26R, departing LAS Runways 8L, 8R, 19L, 19R, and HND arrivals landing Runways 17L, 17R or departing Runways 35L, 35R. This special procedure may only be used when reported weather conditions are at a minimum of 6,000 feet ceiling and visibility of 7 miles or greater.

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**INTERSECTING RUNWAY OPERATIONS WITH THE USE
OF AN ARRIVAL DEPARTURE WINDOW
LAS VEGAS MCCARRAN INTERNATIONAL AIRPORT**

Las Vegas McCarran International Airport Traffic Control Tower has been granted a waiver to the guidelines that prohibit the independent use of intersecting runways. Through the use of an Arrival Departure Window procedure, Las Vegas McCarran International Airport Traffic Control Tower personnel are authorized to conduct operations to Rwy 19R and Rwy 26R as an intersecting runway operation whereby a Rwy 26R departure will be restricted from commencing takeoff roll anytime a Rwy 19R arrival is located inside the no departure zone. The no departure zone is measured from 0.5 to 2.5 NM from the Rwy 19R threshold northeast along the final approach course.

**LOS ANGELES, CA, LOS ANGELES INTERNATIONAL AIRPORT (LAX)
NOISE ABATEMENT PROCEDURES**

Successive or simultaneous departures from Runways 24L/R and Runways 25L/R are authorized, with course divergence beginning within 2 miles from the departure end of parallel runways, due to noise abatement restrictions.

MODEL AIRCRAFT ACTIVITY—DAVIS, CALIFORNIA

Model aircraft activity conducted 1200' AGL and below, 0.5 NM radius of N38°35', W121°42' (5 NM NE EDU), Sunrise–Sunset. Caution advised.

MODEL AIRCRAFT ACTIVITY—EL TORO, CALIFORNIA

Model aircraft activity conducted 500' AGL and below, 0.5 NM radius of apch end of Rwy 25L. CLOSED MCAS El Toro, daily 1500–0400Z†. For NOTAM information contact Prescott AFSS on 800–992–7433.

MODEL AIRCRAFT ACTIVITY—WITTMANN, ARIZONA

Model aircraft activity conducted 2000' AGL and below, 1 NM radius of the Buckeye VORTAC (BXX) R-034 at 24 DME. Daily, Sunrise–Sunset.

UNMANNED AIRCRAFT SYSTEMS (UAS) ACTIVITY OVER CRITICAL INFRASTRUCTURE

Unmanned Aircraft Systems (UAS), also referred to as “drones,” are exhibiting a greatly increased operational presence in the NAS. While the military typically conducts UAS operations within restricted or other special use airspace, or at very high altitudes, civil UAS may be encountered by manned aircraft at any altitude, although they will primarily be operating below 400 feet AGL.

Pilots should be especially vigilant for UAS when flying at lower altitudes near critical infrastructure areas, to include railroads, high-voltage power transmission lines, pipelines, stacks, and towers. UAS may be approved to conduct inspection flights in and around these areas, and may be operating at altitudes within controlled airspace. As is the case with other UAS operations, specific UAS infrastructure flight operating hours and areas may or may not be annotated on VFR aeronautical charts or in other publications. Pilots planning to fly at low altitudes or in uncontrolled airspace should consult Flight Service for current information on UAS operations.

UNMANNED AIRCRAFT SYSTEM (UAS) OPERATIONS IN SOUTHEASTERN, AZ

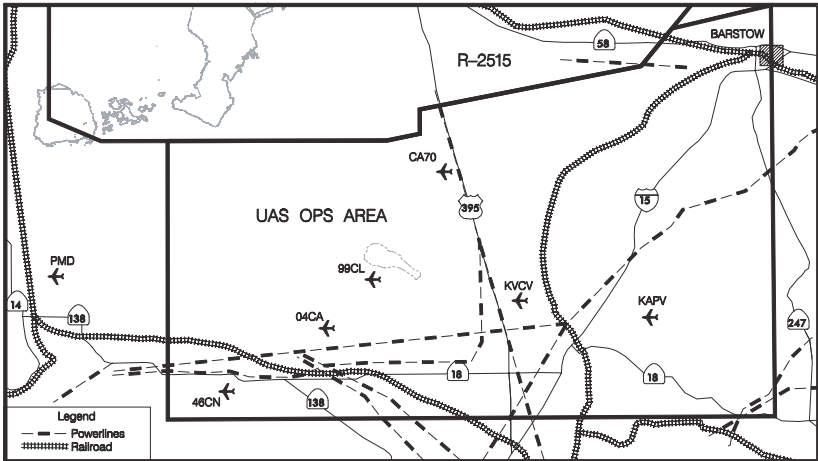
Unmanned aircraft system activity along the international border in southeastern Arizona. Pilots flying near the international border between Nogales, Arizona and the New Mexico border should be alert for unmanned aircraft systems operating from 14,000’ MSL to 16,000’ MSL inclusive, 0000–1500 UTC daily.

OPERATIONS IN SOUTHERN CALIFORNIA

Unmanned Aircraft System Activity within Ventura County, CA. Pilots flying within Ventura County, CA should be alert for unmanned aircraft systems operating at or below 400 feet Above the Ground (AGL) inclusive.

UAS operations are conducted sunrise to sunset within three (3) nautical miles of El Mirage Field Adelanto (N34°37’30”, W117°36’20”) and Grey Butte (N34°33’55”, W117°40’50”) at or below 6,000 feet MSL. From sunset to sunrise operations may be conducted within four (4) nautical miles at and below 4,000 feet AGL. Contact Joshua control on 124.55 or 363.0 for activity information and advisory service.

UAS operations may be conducted in accordance with Visual Flight Rules (VFR) accompanied by a chase aircraft below 14,000 feet MSL in an area bounded by N34°58’00” W117°00’00”, N34°27’00” W117°00’00”, N34°27’00” W117°55’00”, N34°48’00” W117°55’00”, N34°48’00” W117°35’03”, N34°48’30” W117°32’03”, N34°50’20” W117°32’03”, N34°53’30” W117°11’53”, N34°56’20” W117°09’03” thence to point of beginning.



OPERATIONS IN EASTERN COLORADO

Unmanned Aircraft System activity occurring in the Eastern portion of Colorado. Pilots flying in Eastern Colorado should be alert for unmanned aircraft systems operation from the surface to 1,000 feet Above Ground level (AGL) inclusive.

OPERATIONS IN MESA COUNTY, COLORADO

Unmanned Aircraft System activity within Mesa County, Colorado. Pilots flying within Mesa County Colorado should be alert for unmanned aircraft systems operating from the surface to 400' Above Ground level (AGL) inclusive.

OPERATIONS IN WESTERN COLORADO

Unmanned Aircraft System activity within Western Colorado. Pilots flying within Western Colorado should be alert for unmanned aircraft systems operating at or below 1000' Above the Ground (AGL) inclusive.

OPERATIONS IN NORTHERN NEVADA

UAS operations are continuously conducted within the Fallon Approach Control Airspace and the Fallon Range Training Complex at all altitudes when the Special Use Airspace areas are active. Contact Desert Control on 126.2 MHz. for activity status.

OPERATIONS IN NEVADA AND UTAH

There is continuously unmanned aircraft systems flight activity conducted within the desert and reveille military operations areas (MOAs) at all altitudes when the MOAs are active. Traffic advisories are available from the Nellis Air Traffic Control facility (Nellis Control) on 126.65.

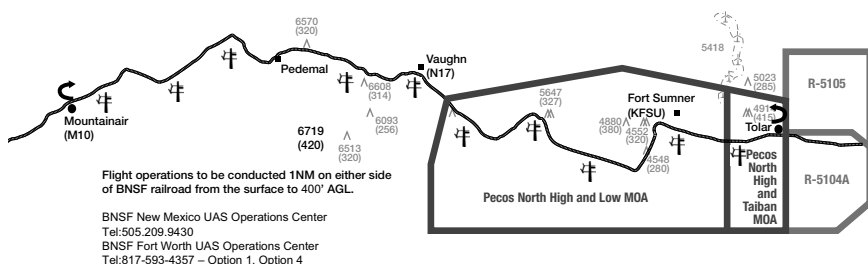
OPERATIONS IN SOUTHWESTERN NEW MEXICO

Unmanned Aircraft System activity over railroad track in southwestern New Mexico. Pilots flying within 10 nautical miles of Playas airfield (NM86), Playas, NM from surface to 400'AGL should be alert for unmanned aircraft systems operating at 300-400' AGL. Launch and recovery operations from surface to 400'AGL will occur in the vicinity of Playas, NM. Day and night UAS operations will be conducted in accordance with Visual Flight Rules, beyond visual range of the UAS pilots. Monitor CTAF 122.8 in the vicinity of Playas (NM86). Flight periods will be available via NOTAM.

OPERATIONS IN EAST CENTRAL NEW MEXICO

Unmanned Aircraft System activity over railroad track in East Central New Mexico. Pilots flying above the railroad track between Mountainair, NM and Taiban, NM from surface to 400'AGL within one nautical mile from the railroad should be alert for unmanned aircraft systems operating at 300-400' AGL. Launch and recovery operations from surface to 400'AGL will occur at multiple sites along the railroad. Day and night UAS operations will be conducted in accordance with Visual Flight Rules, beyond visual range of the UAS pilots. Monitor CTAF 122.9 in the vicinity of Mountainair (M10) and Vaughn (N17) and 122.8 in the vicinity of Fort Sumner (KFSU). Flight periods will be available via NOTAM.

Launch & Recovery Operations



DENVER TERMINAL RADAR APPROACH CONTROL Denver, Colorado

The Denver Terminal Radar Approach Control has been issued a waiver which enables controllers to assign speed restrictions without obtaining pilot concurrences; e.g., speeds of less than 250 knots below FL280 and speeds of less than 210 knots when the aircraft is greater than 20 flying miles from the threshold of the airport of intended landing.

**EXTENSIVE HELICOPTER FLIGHT TRAINING IN THE VICINITY OF
ROCKY MOUNTAIN METROPOLITAN AIRPORT (BJC), BROOMFIELD, COLORADO**

Frequent usage of Runway 11R-29L, Taxiway D, and the north end of Runway 20 by helicopter flight schools. Pilots are cautioned to listen carefully to ATC for turnoff instructions when landing on Runway 11R-29L.

**INTENSE HELICOPTER OPERATIONS
LOS ANGELES BASIN AREA, CALIFORNIA**

CAUTION: Intense helicopter operation below 2000' AGL. All pilots transitioning the area at or below 2000' AGL are encouraged to make regular position reports as follows:

When operating along a line parallel to and one mile North along the 91 Freeway corridor from West where the extension of that line intersects the beach just South of Manhattan Beach pier, East along the 91 Freeway to Prado Dam and all areas North of this line in the LA Basin, pilots are encouraged to make regular position reports on 123.025 when not in contact with ATC.

When operating along a line parallel to and one mile North along the 91 Freeway corridor from West where the extension of that line intersects the beach just South of Manhattan Beach pier, East along the 91 Freeway to Prado Dam and all areas South of this line in the LA Basin, pilots are encouraged to make regular position reports on 122.85 when not in contact with ATC.

**LASER LIGHT DEMONSTRATIONS
Anaheim, California**

A laser light demonstration will be conducted nightly between sundown and midnight at Disneyland, Anaheim, California (SLI VORTAC 060 radial at 7NM LAT 33°48'40"N/LON 117°55'00"W). The beam may be injurious to eyes if viewed within 300 feet vertically and 600 feet laterally of the light sources. Cockpit illumination--flash blindness may occur beyond these distances.

LBTO Observatory

Airspace Graham County, AZ, laser research within an area defined as Mount Graham, AZ, 324205N/1095321W or the San Simon/SSO/VORTAC 296 radial at 41 NM SFC--UNL at an angle of 45 to 90 degrees from the sfc. Avoid airborne hazard by 5 NM. Laser light beam will be terminated if aircraft enter the affected area. Laser light beam may be injurious to pilots/aircrews and passengers eyes. Albuquerque Center/ZAB/ telephone 5058564591 is the FAA Coordination Facility.

Lick Observatory

Laser research will be conducted at the Lick Observatory, Mount Hamilton, CA, 372035N/1213814W or the San Jose VOR/DME 081 degree radial at 15 nautical miles. The laser beam elevation will be a maximum of 90 degrees and a minimum of 45 degrees. This beam may be injurious to pilots/aircrews' and passengers' eyes for a distance of 5 nautical miles horizontally and unlimited vertically. Other effects such as cockpit illumination, startle/glare affect and temporary flash blindness may occur beyond these distances. Oakland Air Route Traffic Control Center is the FAA Coordination Facility.

Longmont, Colorado

A laser light operation is conducted intermittently at the University of Colorado, Table Mountain Research Facility (BJC VORTAC 329° radial at 14 NM (LAT 40°07'40"N/LONG 105°14'37"W). The laser beam may be injurious to pilots/aircrews or passengers eyes within 1,200 feet vertically if viewed on axis. Cockpit illumination and flash blindness may occur beyond this distance. Denver TRACON, (303) 342-1590 is the FAA coordination facility.

Monument Peak, California

Laser research within an area defined as the Satellite Laser Ranging Station at Monument Peak, CA, located 325013N 1162522W. Operation is intermittent, with operations happening 24 hours a day, 7 days a week, propagating at an angle of 10 to 85 degrees. The area will be monitored and the laser beam terminated if aircraft are detected entering the affected area. This beam may be injurious to pilots/aircrews' and passengers' eyes. The Los Angeles ARTCC at 661-265-8205, is the FAA coordination facility.

Mt Wilson, California

Laser research will be conducted at Mt Wilson, CA, 341329N 1180321W or the Pomona /POM/ VORTAC 288 degree radial at 16 NM at an angle of 15 to 85 degrees, from the sfc-unl. This beam will be terminated if aircraft enter the affected area. This beam may be injurious to pilots/aircrews' and passengers' eyes. Southern California /SCT/ approach telephone number 858- 537-5894 is the FAA coordination facility.

Palomar Observatory

A laser light operation is conducted intermittently between sunset and sunrise at the Palomar Observatory N33-21-22/W 116-51-53, Julian VOR (JLI) 298 degree radial at 19 nautical miles. The laser beam may be injurious to eyes if viewed on axis. Cockpit illumination and flash blindness may also occur if the beam enters the cockpit. Los Angeles ARTCC, (661) 265-8205 is the FAA coordination facility.

CONTROLLED FIRING AREA (CFA) EAST OF YUMA, AZ

The military has established a controlled firing area (CFA) east of Yuma, AZ. The CFA is bordered by the following fixes: BZA058015 - BZA068035 - BZA072034 - BZA075030 - BZA075015 - BZA058015. Operations will be conducted at or below 3000' AGL. The hours of operation are Monday through Saturday from sunrise to sunset.

SAN DIEGO, CALIFORNIA SOUTHBOUND INTERNATIONAL BORDER CROSSING

Pilots crossing the International border southbound into Mexican airspace, in the vicinity of San Diego, are encouraged to cross Tijuana International Airport at midfield to avoid arriving and departing aircraft. Pilots requesting transition through the Brown Field CLASS D airspace should contact Brown Tower on frequency 126.5. All others should contact Tijuana Approach Control on frequency 119.5 prior to crossing the border. Southbound aircraft are requested to squawk 1260 prior to crossing the border unless otherwise advised by ATC.

EXTENSIVE PARACHUTE DROP ACTIVITIES SAN DIEGO, CALIFORNIA

Use caution when transiting the corridor south of San Diego Class B airspace and north of the international border between the coast and east to the Tecate area. A wide variety of civilian and military aircraft types (Cessna 182-C-130) use this corridor to make high rates of ascent and descent from the surface to 15000 MSL. Note the San Diego, Trident, and Otay Reservoir jumping areas located in this corridor and to the northeast of Brown Field Municipal Airport. Use VHF 121.95 to monitor parachute drop activities.

AEROBATIC OPERATIONS NORTHEAST OF SANTA PAULA, CA

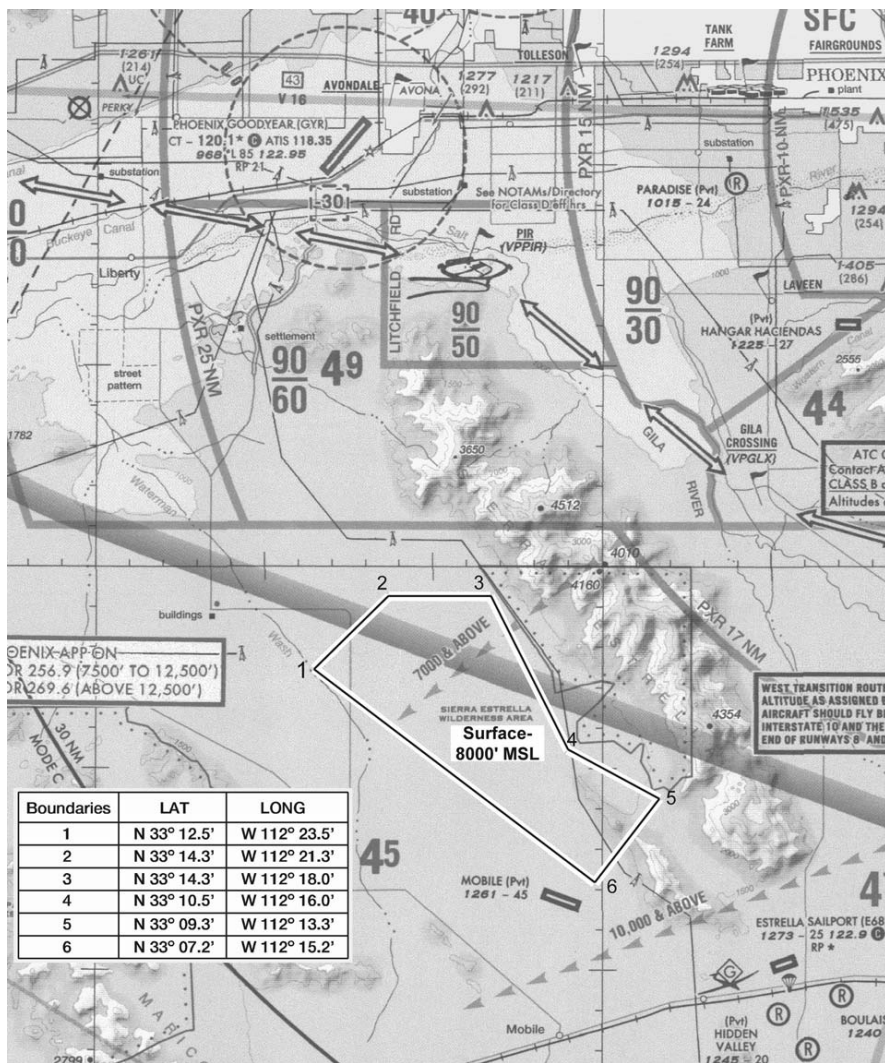
Practice and competitive aerobatic maneuvers are regularly scheduled in the vicinity of FIM VORTAC, SR-SS, 1,500' AGL to 5,500' MSL. The Aerobatic Area is defined by FIM 220/004, to FIM 260/008, to FIM 285/009, to FIM 360/005, to FIM 055/014, to FIM 070/013. The practice area is for waiver holders only. Pilots should use caution in this area. Frequency 122.775 is provided for air-to-air communications with other pilots using or transiting the area.

LAUNCH AND REENTRY OPERATIONS IN NEW MEXICO

Suborbital launch and reentry operations are conducted at various scheduled times within the site bounded by N33°0'41" W106°59'29", N33°00'40" W106°57'26", N32°59'49" W106°56'23", N32°57'12" W106°54'19", N32°56'20" W106°54'19", N32°52'51" W106°54'49", N32°52'51" W106°56'23", N32°57'12" W107°00'31", and N32°59'23" W107°00'31". Air traffic may issue NOTAMs for launches that take place from the launch and reentry site when restricted airspace is not activated.

AEROBATIC OPERATIONS SOUTHEAST OF PHOENIX GOODYEAR AIRPORT, GOODYEAR, ARIZONA

The aerobatic training area center point is located on the Stanfield VOR 300° radial at 26.5 DME. The area exists approximately 2 nautical miles on each side of the TFD VOR 300° radial from 22 to 31 DME, surface to 8000' MSL. Pilots should use caution in this area. Frequency 128.92 is provided for air-to-air communications with pilots using or transiting the area. For information regarding hours of operation, contact 623-932-1650.



**Restricted Area R-2305
Gila Bend, Arizona
Transit Information**

A transit route extends from Gila Bend to the Eric Marcus Airport over Arizona Highway 85 at 500 feet above ground level (AGL). VFR rules govern civilian flight through the Goldwater Air Force Range. Aircrac flights will be given priority over all other air traffic other than inflight emergencies. The Aircrac call sign will be used only when the aircraft is on an actual air evacuation mission. Department of Public Safety (DPS) "Ranger" call signs must indicate they are on an Aircrac mission to receive priority. Military aircraft will have priority over all remaining aircraft. Aircraft requesting to transition this airspace may encounter delays. General aviation aircraft must coordinate their route of flight, departure, and return times with Range Operations prior to departure. Phone (623) 856-8818/8819. Once airborne, aircraft from the north contact Gila Bend AFAC Tower (primary) on 257.65/127.75 (UHF/VHF) or Range Operations (secondary) on 264.125/122.775. Aircraft from the south contact Range Operations 264.125/122.775. Aircraft must hold outside restricted airspace until clearance is granted to transit the area. After receiving clearance into the Restricted Airspace, pilots shall monitor Range Operations frequency. The preferred VFR procedure will be to fly over Highway 85 at 500 feet AGL, monitoring Range Ops on VHF 122.775. At night aircraft will fly over Highway 85 at or below 1000 feet AGL. Military aircraft on manned ranges will be instructed to remain clear of Highway 85 or to transit the highway 500 feet above altitude of transiting aircraft. Caution: Due to repeater transmissions and mountainous terrain, flights north of the Saucedo Mountains (Black Gap) will normally only be able to contact Gila Bend Tower. Flights south of the mountains should contact Range Operations. Military aircraft on the Range may be operating lights out. The normal hours of the Goldwater Air Force Range are from 0630-2400 local Monday through Saturday. When the range is not active, Gila Bend AFAC Tower and Range Operations are closed. If unable to contact the Tower or Range Operations, contact Albuquerque ARTCC on 126.45 or 125.25 for clearance.

LOW ALTITUDE TACTICAL NAVIGATION AREA (LATN) EAST OF TUCSON, AZ

The military has established a Low Altitude Tactical Navigation Area (LATN) east of Tucson bordered by the following fixes: TUS037017-TUS025022-TUS038037-CIE323030-CIE294015-CIE255022-TUS090028-TUS055029-TUS037017. The LATN is not a restricted area and will continue to be available for use by civilian aircraft in accordance with FAA rules and regulations. The primary operations will be conducted by HH-3/MH-60 helicopters from 100 ft AGL to 600 ft AGL. The hours of operations will be daily from 1500-0100Z

**ORANGE COUNTY GREAT PARK TETHERED BALLON
IRVINE, CALIFORNIA
(Until Further Notice)**

Tethered balloon 767' MSL daily (1700-0600Z), Located on the El Toro VOR/DME 234 radial at 1 mile (ELB234001).

**SEA WORLD TETHERED BALLOON
SAN DIEGO, CALIFORNIA
(Until Further Notice)**

Tethered balloon 377' MSL daily (1700-0400), Located on the Mission Bay VORTAC 180 radial at 1 mile (MZB180001).

**UNAUTHORIZED TRANSMISSION
ARIZONA, CALIFORNIA, AND NEVADA AREA
(Until Further Notice)**

Attention all aircraft: Be alert to the possibility of UNAUTHORIZED AIR TRAFFIC CLEARANCES issued on ATC frequencies in the Arizona, California, and Nevada areas. If you received a transmission that is questionable verify with AIR TRAFFIC CONTROL.

**SAN FRANCISCO INTERNATIONAL AIRPORT EXPANDED CHARTED
VISUAL FLIGHT PROCEDURES
(Until Further Notice)**

*****GENERAL*****

San Francisco International Airport (SFO) is subject to stratus moving slowly from West to East, creating a reportable weather ceiling over the airport, while the final approach area for Runways 28R and 28L have no significant ceiling or visibility conditions. An expanded charted visual flight procedure (E/CVFP) has been developed to maximize the level of airport efficiency during the unusual weather conditions described above.

*****MINIMUMS*****

The E/CVFP incorporates the following weather minimums:

SFO ceiling 2500 feet and visibility 5 miles; or,
SFO ceiling 1000 feet and visibility 3 miles, and,
visibility 5 miles in the Eastern quadrant (030-120), and,
ceiling 2400 and visibility 5 miles at the automated weather observing system (AWOS) located at N37°34.33' W122°15.59'

In the event the AWOS is inoperative, weather at San Carlos (SQL) is required to be at least ceiling 2400 feet and visibility 5 miles. Although the listed weather minima are in effect aircraft should not expect simultaneous E/CVFP approaches unless N37°34.33' W122°15.59' AWOS ceiling is at least 3500 feet and visibility is at least 5 miles.

*****SPACING AND SEQUENCING*****

Controllers will clear aircraft for the E/CVFP in accordance with the provisions of Order 7110.65, Air Traffic Control. They will not utilize phrases requesting or requiring aircraft to "fly right alongside", "wingtip to wingtip", or "directly abeam" other aircraft. Additionally, controllers will not assign instructions or require aircraft to pass and/or overtake other aircraft on the adjacent final approach course. Preferably, aircraft will be vectored to achieve a slightly staggered position of approximately $\frac{1}{8}$ to $\frac{1}{4}$ mile behind the aircraft on the adjacent final approach course. Heavy aircraft and B757's will not be authorized to overtake another aircraft on the adjacent final approach course. Wake turbulence cautionary advisories will be issued, as appropriate.

*****GO-AROUND PROCEDURE*****

The Tipp Toe and Quiet Bridge approaches are visual approaches, and as such have no missed approach segment. If a go-around is necessary, aircraft will be issued an appropriate advisory/clearance/instruction by the tower or tracon. To ensure standard separation from other traffic, these instructions will include the assignment of a specific heading and altitude. Normally, the following procedures will apply:

Tipp Toe Visual Runway 28L

In the event of a go-around turn left heading 265, climb and maintain 3000; or as directed by Air Traffic Control.

Quiet Bridge Visual Runway 28R

In the event of a go-around turn right heading 310, climb and maintain 3000; or as directed by Air Traffic Control.

AEROBATIC OPERATIONS IN ARIZONA

The following practice and competitive aerobatic areas are in use without notice SR-SS daily.

| | |
|--|------------------|
| 5 NMR DMA | 17,500 and below |
| 2 NMR INW195055/PAN | 9,600 and below |
| 1 NM N-S and 7 NM E-W of the PXR017022 | 6,500 and below |
| PXR019020 | 7,500 and below |
| PXR128013 | 5,500 and below |
| 1 Square mile of the PXR194023 | 5,000 and below |
| 1 NMR PXR129018 | 5,000 and below |
| 1 NMR PXR316026.2 | 6,600 and below |
| 3 NMR PXR 323024 | 6,000 and below |
| 2 NM N-S and 4 NM E-W PXR325027 | 8,000 and below |
| 1 NM Square TFD 3000 18/E60 | 6,300 and below |
| 1 NMR TFD065025/PØ8 | 5,500 and below |
| 1 NMR TFD143021 | 3,000 and below |
| 4 NMR TFD010020 | 4,800 and below |
| 1 NMR TFD107036 | 5,000 and below |
| PØ8-COOLIDGE | 10,000 and below |
| 12 NW of DVT | 6,500 and below |
| 5 NMR DRK215013 | 11,500 and below |

Pilots should use caution in these areas. For further information contact Prescott AFSS on 1-800-992-7433.

AEROBATIC OPERATIONS NORTHWEST OF TUCSON, AZ.

Practice and competitive aerobatic maneuvers are regularly scheduled on the Tucson VORTAC 295 radial at 25 miles and Tucson VORTAC 308 radial at 22 miles, sunrise to sunset, up to 5,000 MSL.

AEROBATIC OPERATIONS NORTHEAST OF REDLANDS, CA

Practice and competitive aerobatic maneuvers are regularly scheduled in the vicinity of the PDZ VORTAC 045 radial at 23 nautical miles from 1,500' AGL up to and including 7,500' MSL. The practice area is for waiver holders only. Pilots should use caution in this area. Frequency 123.3 is provided for air-to-air communications with other pilots using or transiting the area.

AEROBATIC OPERATIONS IN NORTHERN CALIFORNIA

Upon NOTAM issuance, practice and competitive aerobatic maneuvers are scheduled regularly during daylight hours in the vicinity of the King City, Mesa Del Rey Airport (KIC) and/or the Metz Private Airport (3CA7). Operations are authorized for waiver holders only. Pilots are advised to avoid these aerobatic areas entirely along with contacting Flight Service at 1-800-WX-BRIEF (800-992-7433) in order to obtain the exact date, time, and altitude.

AEROBATIC OPERATIONS IN COLORADO

Practice and competitive aerobatic maneuvers are regularly conducted during daylight hours at the following locations:

- a. 2 NM radius GLL 180/009, 10000 MSL and below.
 - b. 1 NM radius Sterling Muni (STK), 4000 AGL and below.
 - c. 1 kilometer square, 800 to 3000 AGL 3 statute miles east of RWY 17-35, Kelly Airpark (CO15).
 - d. 1 statute mile square, surface to 4000 AGL. Center of the area is located 2850 feet east of RWY 18-36. Western boundary is 1000 feet from RWY 18-36 and northern boundary is 100 feet from RWY 08-26, Lamar Airport (LAA). The (LAA) ASOS will broadcast aerobatic area information when this area is active. For further information, contact Flight Services 1-800-WX-BRIEF.
 - e. 1 kilometer square, 5000 AGL .5 statute mile east of Ft. Morgan Muni (FMM).
 - f. 1 NM radius GLL 315/006, 10000 MSL and below. Mon-Sat 1500-2359, Sun 1600-2359.
 - g. 1 NM radius 10000 MSL and below. 6.2 statute miles northwest of Vance Brand (LMO) Mon-Sat 1500-2359, Sun 1600-2359.
-

AEROBATIC PRACTICE AREA JEAN AIRPORT, JEAN, NEVADA

Aerobatic flight activity will be conducted within a 3300' square box, located 2 miles west of Jean Airport (Specific area of operation is 1/2 mile radius from a point described by the LAS 190/20). Flights will occur from SFC to 6500 MSL, between 1 hour after sunrise to 1 hour before sunset daily. Pilots should use caution when operating within this area. To obtain a copy of the Certificate of Waiver outlining appropriate procedures for utilization of the practice area, ctc Henderson Executive Airport at (702) 261-4800.

EXTENSIVE FLIGHT TRAINING IN VICINITY OF ERNEST A. LOVE FIELD, PRESCOTT, ARIZONA

Extensive flight training activity in areas 5 to 38 miles from the Prescott Airport 14,000 MSL and below. These areas are in use from sunrise to sunset daily. Participating traffic reports on 123.5.

EXTENSIVE FLIGHT TRAINING IN VICINITY OF ANGWIN-PARRETT FIELD (203), ANGWIN, CALIFORNIA

Extensive flight training activity within a 10 NM radius of STS056024 (MAUCH INT), 4,500 MSL and below. This area is in use from 1400-0300 UTC daily. Participating traffic reports on 123.0.

EXTENSIVE FLIGHT TRAINING IN VICINITY OF THE GREATER PHOENIX BASIN

When planning for flight in the Phoenix area, please be aware of the extensive flight training activity in the area enclosed by a perimeter line from: Marana Regional Airport (KAVQ) to Gila Bend Municipal (E63) to the Wickenburg (E25) to Lake Pleasant (4AZ5) to Sky Ranch at CareFree (AZ18) to VPREN (11 mi east of KIWA) back to KAVQ.

Within this training area are the following special practices:

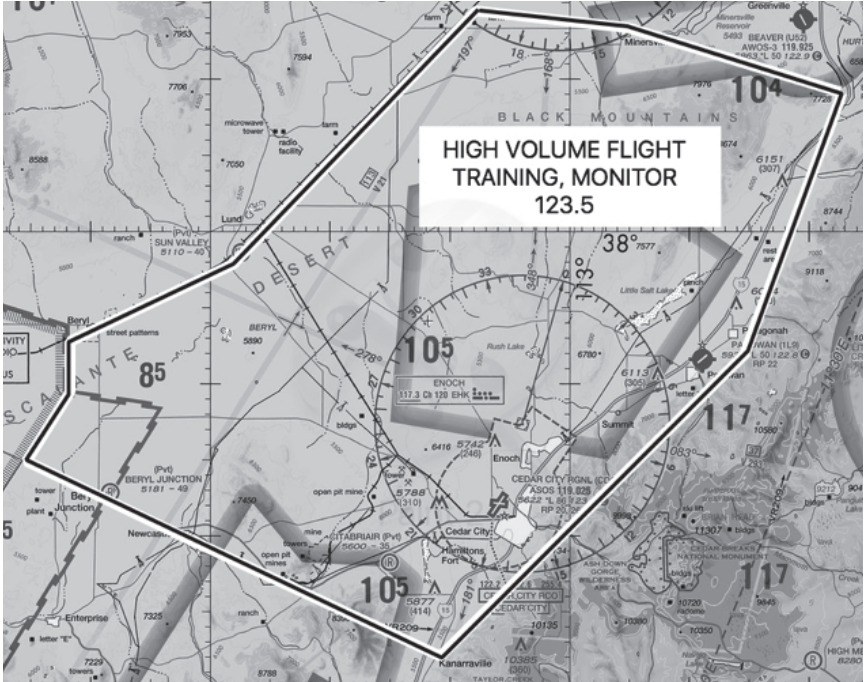
1. Parachuting in the vicinity of: Marana (KAVQ), Pinal (KMZJ), Eloy (E60), Coolidge (P08), and Estrella Sailport (E68)
2. Instrument procedures at Lufthansa private airport - Mobile (IAZO)
3. Instrument procedures at Luke AUX-1 in the Northwest Practice Area
4. IFR holding and approaches in a stack over Stanfield VOR (TFD) between 3500 to 6500 feet msl (Stanfield Traffic 122.7)
5. IFR holding at BANYO between the Northwest and Northeast Practice areas.
6. Heavy inbound/outbound transition traffic from the Federal prison (FCI Phoenix-33°49'58.12"N/112°09'54.72"W) southward to the Canal crossing I-17 to KDVT, between 2500 and 4000 MSL.

This training area is further subdivided (see maps at www.AFTW.ORG) into five practice areas:

NorthWest - 122.75; NorthEast - 122.75; SouthEast - 122.85; SouthWest - 122.85; Rainbow Valley (128.925). When transiting this area, it would be well advised to use flight following; monitor these frequencies; and also, monitor traffic (ADS-B, TIS, TAS, TACS, PCAS, etc.).

EXTENSIVE FLIGHT TRAINING IN VICINITY OF CEDAR CITY MUNICIPAL AIRPORT

Extensive rotor wing and fixed wing flight training activity in areas from 5 to 30 miles Southwest to Northeast of Cedar City Municipal Airport from the EHK 181R clockwise to EHK 030R at 12000 MSL and below. Monitor 123.5, T-Bird Traffic.



ROCKET FIRING SOUTHEAST OF RENO, NEVADA

Rocket firing occurs approximately on the Mustang VORTAC 107 radial at 7 miles, normally seven days a week, sunrise to sunset, up to but not including 1,000 ft above ground level.

GLIDER OPERATIONS NORTHWEST OF TUCSON, ARIZONA

There is regularly scheduled glider/soaring activity conducted from El Tiro Airport, which is located approximately on the Tucson VORTAC (116.0 MHz) 297° radial at 31 nautical miles: this is south of Pinal (Marana) Airpark and bordered by V16, V66, and V105. Activity at El Tiro is normally scheduled for Saturday, Sunday, and Wednesday, with much of the soaring conducted near the intersection of V66 and V105 at altitudes up to, but not including flight level 180.

EXTENSIVE PARAGLIDING AND HANG GLIDING OPERATIONS BETWEEN SLC AND PVU AIRPORTS IN UTAH

CAUTION: Extensive paragliding and hang gliding operations in the vicinity of Point of the Mountain, East of I-15. All aircraft transitioning the area should be vigilant for solo and groups of paragliders and hang gliders.

CAUTION—TETHERED AEROSTAT RADAR SYSTEM (TARS)

A TARS (a large helium-filled balloon) operates continuously up to 15,000 feet, except during inclement weather or when the system is down for maintenance, in R-2312 near Fort Huachuca, Arizona. The tether is unmarked and is virtually impossible to see from only a few hundred feet. See the Phoenix Sectional Chart for location.

YOSEMITE NATIONAL PARK

Public law prohibits flight of VFR helicopters or fixed-wing acft below 2000 feet above the surface of Yosemite National Park. "Surface" refers to the highest terrain within the park within 2000 feet laterally of the route of flight or, within the Yosemite Valley, the uppermost rim of the valley.

CALIFORNIA CONDORS Central California Coast Ranges

California Condors, the largest land birds in North America, are currently being reintroduced to the Central California Coast by the Ventana Wildlife Society (a local non-government organization) an Pinnacles National Park. There are two release sites; one below Anderson Peak near Big Sur (BSR VOR radial 150, 2 NM), the other, in the Pinnacles National Park (SNS VOR radial 099, 24 NM)

Weighing 15–25 pounds with a wingspan of 9.5 feet, this endangered species presents a formidable inflight hazard. Condors are capable of soaring at an altitude of 15,000 feet, although they are more often found between 0 and 3,000 feet AGL. Condors have been known to fly up to 190 miles in a single day and could therefore be found over a very large area. A high-use condor flight area occurs over Pinnacles National Park and the nearby Ventana Wilderness. The park and Ventana are requesting a clearance of 3,000 feet AGL over both the Park and the Wilderness, as indicated, where these condors are consistently soaring.

Park and recovery program personnel thank the aviation community for adhering to this clearance, thus contributing to the conservation of this endangered species and the safety of all pilots. Please also be alert for the presence of these highly endangered species throughout the Coastal Range from Mt Hamilton near San Jose, south to the Simi Valley, near Fillmore VOR (FIM), as well as the foothills along the west side of the San Joaquin Valley. For additional information contact the Ventana Wildlife Society at 831-455-9541 or Pinnacles National Park at (831) 389-4486 x255.

CALIFORNIA CONDORS Grand Canyon National Park

The adult California Condors in Grand Canyon National Park weigh approximately 20 pounds and have a wingspan of 9.5 feet. This endangered species could present a significant in-flight hazard. Condors are capable of soaring to an altitude of 15,000 feet but are more common between 2,000 and 10,000 feet MSL. High and moderate use condor flight areas in Grand Canyon National Park have been identified using GPS tracking devices. The high use area is roughly centered between Plateau Point and Dana Butte and has a radius of approximately 4 miles. The current designated air tour routes do not traverse the high use area. However, the Dragon Corridor crosses a 7 mile wide moderate condor use zone directly above the canyon. Pilots should practice see-and-avoid strategies at all times. This notice does not alter the Special Flight Rules Area (SFRA-50-2) rules in any way.

GRAND CANYON SPECIAL FLIGHT RULES AREA Effective on September 22, 1988

GRAND CANYON—Special Flight Rules Area, SFAR-50-2. Special regulations apply to all aircraft operations below 14,500 feet MSL. Except in an emergency or if otherwise authorized by the Las Vegas Flight Standards District Office for certain limited operations, remain at or above the following altitudes: a) in the Eastern sector from Lees Ferry to North Canyon at 5,000 feet MSL; b) in the Eastern sector from North Canyon to Boundary Ridge at 6,000 feet MSL; c) in the Central sector from Boundary Ridge to Supai Point at 10,000 feet MSL; d) in the Central sector from Supai Point to Diamond Creek at 9,000 feet MSL; e) in the Western sector from Diamond Creek to the Grand Wash Cliffs at 8,000 feet MSL. In flight corridors use the following altitudes: northbound at 11,500 or 13,500 feet MSL; southbound at 10,500 or 12,500 feet MSL. Remain clear of the indicated flight-free zones.

CAUTION: High volume of tour operations within the area. The procedures do not relieve pilots from see-and-avoid responsibility or compliance with FAR 91.119. Pilots should contact a local FSS for NOTAM information prior to flight within the Special Flight Rules Area. Utilize the Las Vegas (LAS) altimeter setting west of Mt. Dellenbaugh and the Grand Canyon (GCN) altimeter setting east of Mt. Dellenbaugh. Monitor the frequencies indicated for each sector (Western-121.95; Central-127.05; Eastern-120.05). Refer to the Grand Canyon sectional chart and NOTAMS for additional information.

JACK NORTHROP FIELD/HAWTHORNE MUNICIPAL AIRPORT (HHR) IFR DEPARTURES AND LOS ANGELES AIRPORT (LAX) IFR ARRIVALS

Hawthorne Tower is authorized to separate HHR Runway 25 departures and LAX arrivals to runway 24L/R and 25L/R visually when weather conditions allow the use of visual separation. IFR departures off Runway 25 at HHR are required to turn left immediately after departure and will be assigned the IFR Obstacle Departure Procedure (ODP) or other equivalent Departure Procedure to include Radar Vectors that ensure the departure course diverges immediately after departure by 30 degrees or more from the LAX final approach course

When weather conditions preclude the use of visual separation, LAX tower, HHR tower, and SoCal TRACON are authorized to conduct simultaneous runway operations between aircraft departing HHR runway 25 departures and aircraft on the final approach course to runways 24L/R and 25L/R at LAX. IFR departures off Runway 25 at HHR are required to turn left immediately after departure and be assigned the ODP or other equivalent Departure Procedure to include Radar Vectors that ensure the departure course diverges immediately after departure by 30 degrees or more from the LAX final approach course.

SPECIAL NORTH ATLANTIC, CARIBBEAN AND PACIFIC AREA COMMUNICATIONS

VHF air-to-air frequencies enable aircraft engaged in flights over remote and oceanic areas out of range of VHF ground stations to exchange necessary operational information and to facilitate the resolution of operational problems.

Frequencies have been designated as follows:

| | |
|----------------------|------------|
| North Atlantic area: | 123.45 MHz |
| Caribbean area: | 123.45 MHz |
| Pacific area: | 123.45 MHz |

U.S. SPECIAL CUSTOMS REQUIREMENT

Air Commerce Regulations of the Treasury Department's Customs Service require all private aircraft arriving in the U.S. from a foreign place in the Western Hemisphere, (a) south of 33 degrees north latitude which cross into the U.S. over a point on the U.S./Mexican border between 97 and 120 degrees west longitude, or (b) south of 31 degrees north latitude which enter the U.S. via the Gulf of Mexico and Atlantic Coasts, to provide notice of intended arrival to the Customs Service at least one hour prior to crossing the U.S./Mexican border or the U.S. coastline. This notice may be provided by: (1) radio through an appropriate FAA Flight Service Station, (2) normal FAA flight plan notification procedures (a flight plan filed in Mexico does not meet this requirement due to unreliable relay of data), or (3) directly to the District Director of Customs or other Customs officer at place of first intended landing. Unless an exemption has been granted by Customs, private aircraft are required to make first landing in the U.S. at one of the following designated airports nearest to the point of border or coastline crossing:

Brownsville/South Padre Island International, Corpus Christi International, Del Rio International, El Paso International, Laredo International, Maverick County Memorial International, McAllen Miller International, Midland International, Presidio-Lely International, Jack Brooks Regional, San Antonio International, or William P Hobby Airport in Texas; Calexico International, or Brown Field Municipal in California; Bisbee Douglas International, Douglas Municipal, Nogales International, Tucson International, or Yuma MCAS/Yuma International in Arizona; Santa Teresa in New Mexico; Lakefront or Louis Armstrong New Orleans Intl in Louisiana; Fort Lauderdale Executive, Fort Lauderdale-Hollywood International, Key West International, Florida Keys Marathon International, Miami International, Miami-Opa-Locka Executive Airport, Tamiami Airport, Palm Beach International, Treasure Coast International, or Tampa International in Florida; New Hanover County Airport in North Carolina.

MILITARY TRAINING ROUTES

The DOD Flight Information Publication AP/1B provides textual and graphic descriptions and operating instructions for all military training routes (IR, VR, SR) and refueling tracks/anchors. Complete and more comprehensive information relative to policy and procedures for IRs and VRs is published in FAA Handbook 7610.4 (Special Military Operations) which is agreed to by the DOD and therefore directive for all military flight operations. The AP/1B is the official source of route data for military users.

CIVIL USE OF MILITARY FIELDS

U.S. Army, Air Force, Navy and Coast Guard Fields are open to civil fliers only in emergency or with prior permission. Army installations, prior permission is required from the Commanding Officer of the installation.

For Air Force installations, prior permission should be requested at least 30 days prior to first intended landing from either Headquarters USAF (PRPOC) or the Commander of the installation concerned (who has authority to approve landing rights for certain categories of civil aircraft). For use of more than one Air Force installation, requests should be forwarded direct to Hq USAF (PRPOC), Washington, D.C. 20330. Use of USAF installations must be specifically justified.

For Navy and Marine Corps installations, prior permission should be requested at least 30 days prior to first intended landing. An Aviation Facility License must be approved and executed by the Navy prior to any landing by civil aircraft.

Forms and further information may be obtained from the nearest U.S. Navy or Marine Corps aviation activity.

For Coast Guard fields prior permission should be requested from the Commandant, U.S. Coast Guard via the Commanding Officer of the field.

When instrument approaches are conducted by civil aircraft at military airports, they shall be conducted in accordance with the procedures and minimums approved by the military agency having jurisdiction over the airport.

AIRCRAFT LANDING RESTRICTIONS

Landing of aircraft at locations other than public use airports may be a violation of Federal or local law. All land and water areas are owned or controlled by private individuals or organizations, states, cities, local governments, or U.S. Government agencies. Except in emergency, prior permission should be obtained before landing at any location that is not a designated public use airport or seaplane base.

Landing of aircraft is prohibited on lands or waters administered by the National Park Service, U.S. Fish and Wildlife Service, U.S. Forest Service, and on many areas controlled by the U.S. Army Corps of Engineers, unless prior authorization is obtained from the respective agency.

FAR-PART 139 CERTIFICATED AIRPORTS

Additional Certificated Airports not contained in this Directory

| NAME OF AIRPORT | NEVADA | IDENT | INDEX |
|-----------------------------|---------------|--------------|--------------|
| TONOPAH, Tonopah Test Range | | TNX | E |

CONTINUOUS POWER FACILITIES

In order to insure that a basic ATC system remains in operation despite an areawide or catastrophic commercial power failure, key equipment and certain airports have been designated to provide a network of facilities whose operational capability can be utilized independent of any commercial power supply.

In addition to those facilities comprising the basic ATC system, the following approach and lighting aids have been included in this program for a selected runway.

1. ILS(Localizer, Glide Slope, COMLO, Inner, Middle and Outer Markers)
2. Wind Measuring Capability
3. Approach Light System (ALS) or Short ALS (SALS)
4. Ceiling Measuring Capability
5. Touchdown Zone Lighting (TDZL)
6. Centerline Lighting (CL)
7. Runway Visual Range (RVR)
8. High Intensity Runway Lighting (HIRL)
9. Taxiway Lighting
10. Apron Light (Perimeter Only)

The following have been designated "Continuous Power Airports," and have independent back up capability for the equipment installed.

| Airport/Ident | Runway No. | Airport/Ident | Runway No. |
|----------------------------------|------------|-------------------------------|------------|
| Albuquerque, NM (ABQ)..... | 08 | Milwaukee, WI (MKE)..... | 01L |
| Anchorage, AK (ANC)..... | 07R | Minneapolis, MN (MSP)..... | 30L |
| Andrews AFB, MD (ADW)..... | 01L | Nashville, TN (BNA)..... | 02L |
| Atlanta, GA (ATL)..... | 09R | New Orleans, LA (MSY)..... | 11 |
| Baltimore, MD (BWI)..... | 10 | New York, NY (JFK)..... | 04R |
| Bismarck, ND (BIS)..... | 31 | New York, NY (LGA)..... | 22 |
| Boise, ID (BOI)..... | 10R | Newark, NJ (EWR)..... | 04R |
| Boston, MA (BOS)..... | 04R | Oklahoma City, OK (OKC)..... | 35R |
| Charlotte, NC (CLT)..... | 36L | Omaha, NE (OMA)..... | 14R |
| Chicago, IL (ORD)..... | 28R | Ontario, CA (ONT)..... | 26L |
| Cincinnati, OH (CVG)..... | 36C | Philadelphia, PA (PHL)..... | 09R |
| Cleveland, OH (CLE)..... | 06R | Phoenix, AZ (PHX)..... | 08 |
| Dallas-Fort Worth, TX (DFW)..... | 17C | Pittsburgh, PA (PIT)..... | 10L |
| Denver, CO (DEN)..... | 35L | Reno, NV (RNO)..... | 16R |
| Des Moines, IA (DSM)..... | 31 | Salt Lake City, UT (SLC)..... | 34R |
| Detroit, MI (DTW)..... | 03R | San Antonio, TX (SAT)..... | 12R |
| El Paso, TX (ELP)..... | 22 | San Diego, CA (SAN)..... | 09 |
| Fairbanks, AK (FAI)..... | 02L | San Francisco, CA (SFO)..... | 28R |
| Great Falls, MT (GTF)..... | 03 | San Juan, PR (SJU)..... | 08 |
| Honolulu, HI (HNL)..... | 08L | Seattle, WA (SEA)..... | 16C |
| Houston, TX (IAH)..... | 26L | St. Louis, MO (STL)..... | 30R |
| Indianapolis, IN (IND)..... | 05L | Tampa, FL (TPA)..... | 01L |
| Jacksonville, FL (JAX)..... | 08 | Tulsa, OK (TUL)..... | 36R |
| Kansas City, MO (MCI)..... | 19R | Washington, DC (DCA)..... | 01 |
| Los Angeles, CA (LAX)..... | 24R | Washington, DC (IAD)..... | 01R |
| Memphis, TN (MEM)..... | 36L | Wichita, KS (ICT)..... | 01L |
| Miami, FL (MIA)..... | 08R | | |

NOTE—The existing CPA runway is listed. Pending and future changes at some locations will require a revised runway designation.

NATURAL GAS FLARE CARLSBAD/CAVERN CITY, NEW MEXICO

A natural gas flare is located at approximately N32-27-50.5/W104-34-24.2 (CNM 300/021), SFC to 4200 feet MSL. Pilots should use caution when operating in this area. For further information, contact Albuquerque AFSS on 1-505-243-7831.

LOS ANGELES INTERNATIONAL AIRPORT NOISE ABATEMENT PROCEDURES

This section sets forth the Los Angeles World Airports' (LAWA's) informal noise abatement procedures. All aircraft operators shall comply with Federal Aviation Administration (FAA) regulations and procedures for noise abatement and noise emission standards and with all rules, policies, procedures, resolutions and ordinances established by the City of Los Angeles, LAWA's Board of Airport Commissioners relative to noise abatement.

It is not intended that any of the traffic or flight procedures contained herein shall, in any manner, abrogate the authority and responsibility of the pilot in command to ensure the safe operation of their respective aircraft. Nor do these procedures supersede Air Traffic Control (ATC) instruction.

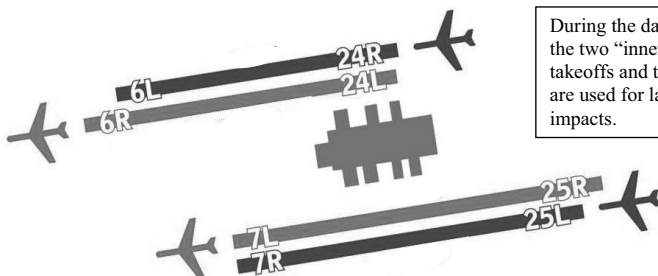
No Turns Before the Shoreline: Early Turn Notification Program

To minimize noise in residential communities along the north and south airport boundaries, pilots of all aircraft departing toward the west (over the ocean) shall fly straight until past the shoreline before beginning any turns, **unless** specifically instructed otherwise by FAA ATC. Pilots should be advised that FAA ATC personnel may issue the departure clearance, "At the shoreline, turn left heading 210" for runway 25R/L departures; for runway 24R/L the clearance may be, "At the shoreline, turn right heading 271".

Noise Management staff regularly monitors all early turns to the north and south, and uses ATC recordings to verify whether FAA ATC instructed the early turn. With regards to pilot initiated early turns based on our investigation findings, airlines and general aviation operators are asked to investigate the incident and to respond to LAWA with an explanation of why the incident occurred and what the airline or general aviation operator have done or will do to correct the problem for future departures.

Preferential Runway Use Procedure

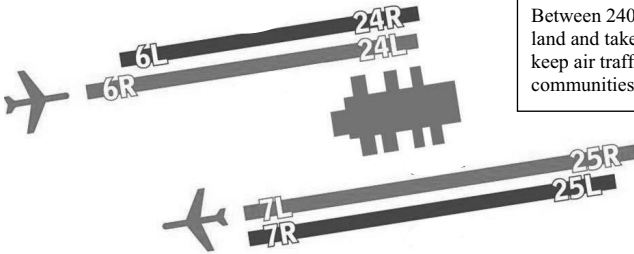
During the daytime and evening hours between 0700L to 2200L, LAX prefers that the outer runways 24R and 25L are reserved for arrivals, and that the inner runways 24L and 25R are used for departures, which are usually louder than arrivals. During the noise-sensitive hours between 2200L to 0700L, FAA ATC maximizes the use of the inner runways and taxiways for all operations to lessen community noise impacts.



During the daytime and evening hours, the two "inner" runways are used for takeoffs and the two "outer" runways are used for landings to reduce noise impacts.

Over-Ocean Operation Procedure

During the noise-sensitive early morning hours between 2400L to 0630L, all aircraft operating at LAX shall approach and depart over the ocean, unless FAA ATC determines that weather or navigational equipment conditions are unsafe for such operations. LAX prefers arriving aircraft utilize the inner 06R runway and departing aircraft utilize the inner 25R runway.



Between 2400L to 0630L, all aircraft land and takeoff over the ocean to keep air traffic away from communities directly east of LAX.

Maintenance/Run-up Restrictions Between 2300L and 0600L

- a. Operators unable to perform run-ups on approved leasehold run-up pads, must obtain approval and instructions from LAX Airport Operations (310) 646-4265, prior to conducting such activity on any non-leased areas of the Airport.
- b. The run-up of mounted aircraft engines for maintenance or test purposes on both leased and non-leased areas is prohibited between the hours of 2300-0600 unless waived on a case by case basis by the Executive Director or his/her designee, as provided below:
 - i. The engine(s) will be run in a sound suppression unit that will reduce the sound level at the Airport perimeter to 8dB in A-weighted sound level or less above the ambient background level in surrounding residential areas at the time the run-up is conducted.
 - ii. A single engine will not be operated to exceed idle power at each leasehold area. If more than one engine is to be checked, each engine must be checked separately.
 - iii. Auxiliary power units are only operated for maintenance and preflight checks.
- c. Idle engine checks, run-ups and auxiliary power units are to be operated at minimum time required to accomplish the necessary maintenance or preflight check.
- d. Maintenance or test running of jet engines not mounted on an aircraft is prohibited unless performed in a test cell of adequate design. Said cell shall meet noise level criteria at a measurement distance of 250 feet from the center thereof, as follows:

| <u>Octave Band</u> | <u>Sound Pressure Level</u> |
|------------------------|-----------------------------|
| Mid-Band Frequency, Hz | dB re: 20 uPa |
| 31.5 | 86 |
| 63 | 82 |
| 125 | 77 |
| 250 | 73 |
| 500 | 71 |
| 1000 | 69 |
| 2000 | 67 |
| 4000 | 65 |
| 8000 | 59 |

Airport Operations staff regularly inspects the airfield area and tenant facilities. If they observe any unauthorized run-up activity during night time hours as noted above, they will halt the operation as necessary.

Helicopter Operating Procedures

This section is for helicopter operators with a valid Operating Agreement with LAWA, including a signed Letter of Agreement.

- a. All operators conducting helicopter operations at LAX shall carry a current LAX area Helicopter Route Chart and shall comply with ATC requirements and procedures pertaining to helicopter routes and altitudes within the Los Angeles Class B airspace, and with the procedures set forth herein.
- b. Helicopter operators arriving or departing the airport shall utilize the flight routes designated by the FAA for Visual Flight Rules (VFR) and Special Visual Flight Rules (SVFR) operations.
- c. During SVFR operations, helicopter operators are requested to utilize the southerly industrial route when arriving or departing the airport unless specifically instructed otherwise by ATC.
- d. In addition to using FAA designated flight routes, helicopters maintain an altitude of 2,000 feet, weather, traffic and safety permitting.
- e. Helicopter operators shall use noise abatement approach and departure flight techniques.
- f. Helicopter operators shall avoid nighttime (2200 to 0700) operations except in extreme emergency cases.
- g. All helicopter training operations are prohibited, such as: touch-and-go, stop-and-go, and low approach, except for FAA certification flights.
- h. Helicopter operators shall provide an identification symbol as prescribed by LAWA that is readily visible from the ground on each of the rotorcraft used in regularly scheduled LAX service.
- i. Prior to issuance of a helicopter operating agreement, operators are required to develop, implement, and file with the Board of Airports Commissioners a "Fly Neighborly Program" that emphasizes noise abatement and community compatibility through actions in at least the following areas:
 - i. Pilot Awareness
 - ii. Pilot Training and Flight Operations Planning

- iii. Noise Abatement Techniques
 - iv. Sensitivity to Community Concerns
 - v. Public Information/Helicopter Identification
 - vi. VFR/SVFR Approach and Departure Routes
 - vii. Hours of Operations
- j. Fly Neighborly Programs shall be kept current and shall be re-filed with the Board of Airport Commissioners whenever revised.
- k. All helicopter-operating agreements shall be issued for a period not longer than five years and shall be reviewed on an annual basis by the Executive Director. The Executive Director shall submit a compliance report to the Board of Airport Commissioners.

Imperial Terminal Procedures

- a. All turboprop powered aircraft over 65,000 pounds maximum gross landing weight or turbojet powered aircraft (regardless of weight) arriving at the Imperial Terminal will taxi to a position on Taxiway A adjacent to the terminal ramp. At this point, engines will be shut down and the aircraft towed into its assigned parking position.
- b. All turboprop powered aircraft over 65,000 pounds maximum gross landing weight or turbojet powered aircraft (regardless of weight) departing the Imperial Terminal will be towed to a position on Taxiway "A" adjacent to the terminal ramp and positioned facing east or west on Taxiway A prior to starting engines.
- c. Jet engine runs and run-ups, and turbine-based ground power units are prohibited on the ramp and auxiliary power units may only be operated.

If you have any questions regarding these noise abatement procedures, please contact LAX Noise Management at 424-646-6500 or see the LAX Rules and Regulations located here: [LAX's Aircraft Noise Abatement Operating Procedures and Restrictions](#).

**SAN DIEGO INTERNATIONAL AIRPORT (SAN)
AIRCRAFT NOISE PROHIBITIONS/RESTRICTIONS**

No departures or engine run-ups above idle power 0730–1430Z†. FAR Part 36 Stage 2 departures prohibited 0600–1500Z†. Per current FAA standards all helicopters are Stage 2. Valid emergency operations or mercy flights exempt from noise abatement restrictions. Operator must provide written report to SAN noise abatement office. Noise monitoring in effect continuously. All operations of aircraft which exceed 104 Effective Perceived Noise Decibels at the takeoff reference point per FAA AC 36 Series documentation are prohibited. Noise sensitive areas all quadrants; recommend pilots use best noise abatement procedures. Pilots are requested to minimize use of reverse thrust consistent with safe operations of aircraft to minimize noise impact on surrounding community. For additional noise level restrictions and information call 619–400–2781.

**SAN DIEGO INTERNATIONAL TOWER (SAN) AND NAVAL AIR STATION NORTH ISLAND
TOWER (NZY) CONTROLLER APPLIED VISUAL SEPARATION**

San Diego International Tower (SAN) and Naval Air Station North Island Tower (NZY) are authorized to utilize controller applied visual separation between aircraft operating within Area Alpha (see depiction below) between San Diego International Airport Class B airspace and Naval Air Station North Island Class D airspace.

This special procedure may only be used when weather conditions at both airports are at a minimum of 1,000 foot ceiling and visibility of three miles or greater.



**SPECIAL PROCEDURES
LONG BEACH /DAUGHERTY FIELD AIRPORT (LGB)
HELICOPTER HOLDING POINTS**

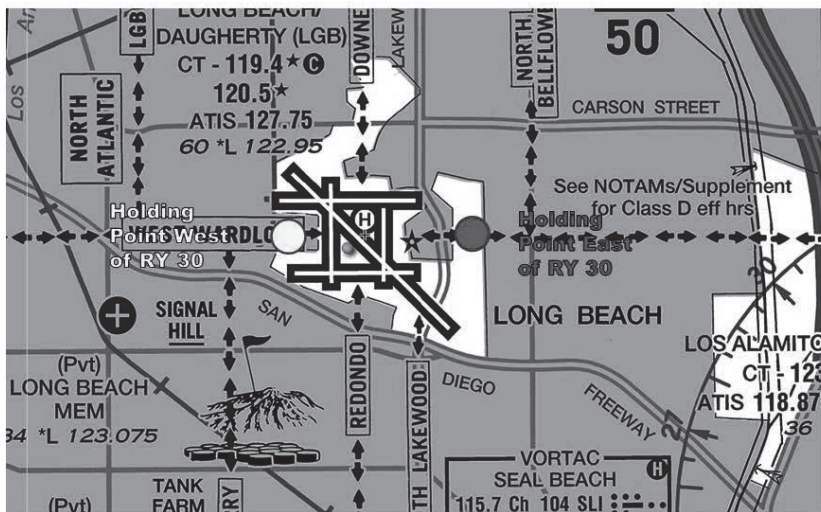
All aircraft on or entering left downwind RY 25L must remain north of Signal Hill unless specifically instructed by ATC otherwise.

All aircraft on downwind Rwy 25L are not authorized to turn base or begin decent until east of Rwy 30 unless specifically instructed to do so by ATC.

All aircraft on downwind Rwy 7L are not authorized to turn base or begin decent until west of Rwy 12 unless specifically instructed to do so by ATC.

**When helicopters are instructed to hold east or west of Rwy 30,
and no other specific location is given, hold in the depicted areas.**

HELICOPTER HOLDING POINTS



SPECIAL PROCEDURES SAN FRANCISCO INTERNATIONAL AIRPORT NOISE ABATEMENT PROCEDURES

Fly Quiet Program:

The Fly Quiet Program was developed to help pilots understand the rules and regulations for noise abatement at SFO and to show the public how well airline's participate in the noise abatement programs. The purpose of the Program is to encourage individual airlines to operate as quietly as possible at SFO. The Program promotes a participatory approach in complying with noise abatement procedures by grading airlines' performance and presenting these scores to the public via a published report. The Program consists of five grading elements:

- 1) The overall noise quality of each airline's fleet operating at SFO.
- 2) A measure of how well each airline complies with the nighttime Preferential Runway Use Program.
- 3) Assessment of how well each airline adheres to the Gap departure profile.
- 4) Assessment of how well each airline adheres to the Shoreline departure profile.
- 5) Evaluation of single overflight noise level exceedances.

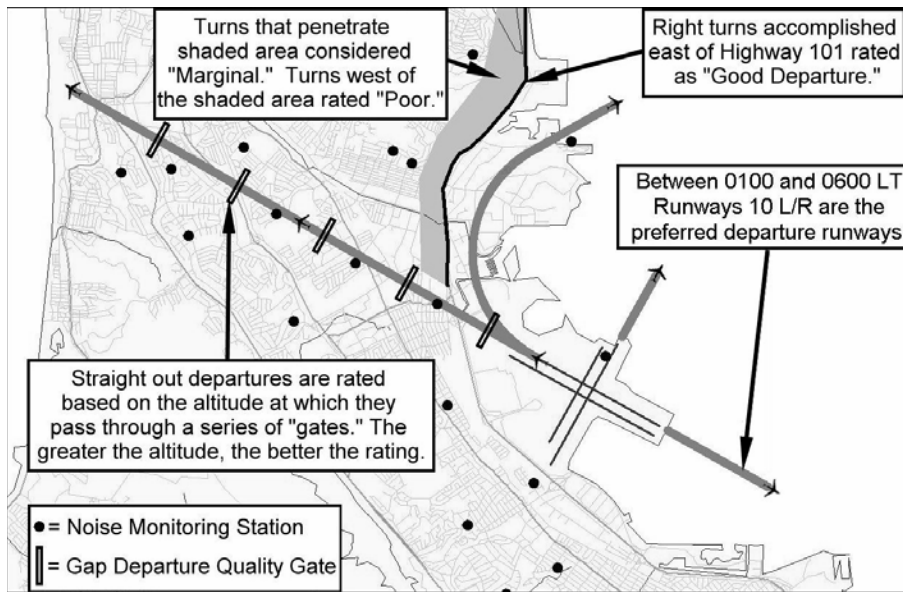
Flight Crews: By operating your aircraft as quietly as possible, you can directly influence your airline's Fly Quiet Program score. Here are some guidelines for maintaining a high score in the Fly Quiet Program:

(a) **Preferential Runway Use Program**—Between 0100 and 0600 (LT) the preferred departure runways for noise abatement are Runways 10 L/R. Pilots of heavy aircraft can significantly improve their airline's Fly Quiet Program scores by departing on Runways 10 L/R (weather permitting).

(b) **Shoreline Departure Turn Quality**—The radius of the initial turn after departure off Runways 28 L/R is a grading element of the Fly Quiet Program. Runway 28 L/R departures making excessively wide right turns overfly residential neighborhoods. By completing the initial right turn prior to crossing Highway 101, aircraft remain over industrial and commercial areas. **This applies to all Instrument Departure Procedures (IDPs) requiring right turns after departing Runways 28 L/R.**

(c) **Gap Departure Climb Quality**—Aircraft making straight out departures off Runways 28 L/R overfly heavily populated areas immediately west of the airport. Since "higher is quieter," the Airport monitors aircraft altitudes along the departure route. Scores are assigned at specific points, or gates, set approximately one mile apart, with higher scores given to those aircraft that reach higher altitudes at the gates. **It is preferred that aircraft making straight-out departures from Runways 28 L/R climb as rapidly as possible.**

(d) **Noise Exceedance Rating**—Maximum noise level limits are established for selected noise monitor stations surrounding SFO. Pilots can improve their airline's exceedance rating by utilizing the Preferential Runway Use Program and complying precisely with the Gap and Shoreline Departure Procedures.



**SPECIAL PROCEDURES
SAN FRANCISCO INTERNATIONAL AIRPORT
NOISE ABATEMENT PROCEDURES
PREFERENTIAL RUNWAYS**

The SFO Nighttime Preferential Runway Use Program is a voluntary Program that was developed in 1988. SFO operates on two sets of parallel runways for both arrivals and departures, based on this runway configuration, there are three preferred nighttime preferential runway procedures:

- 1) The primary goal of the Program is to use Runways 10 L/R for take-off because they offer departure routing over the bay which will reduce the noise impacts over the communities surrounding SFO.
- 2) When departures from Runways 10 L/R are not possible, the second preference would be to depart Runways 28 L/R on the Shoreline or Quiet Departure Procedures. Both of these Procedures incorporate an immediate right turn after departure to avoid residential communities northwest of SFO.
- 3) The third preference is to depart on Runways 01 L/R. While this procedure directs aircraft over the bay, jet blast from these departures affects communities south of SFO.

The least desirable departure procedure at SFO is a straight-out departure on Runways 28 L/R these departures overfly densely populated communities immediately west of SFO and are discouraged at all hours.

The Airport Director has established a Nighttime Noise Clearance Center operated during 2200–0700 by a duty officer whose responsibilities include monitoring compliance with SFO's Preferential Runway Use Program and responding to requests for exemptions to the noise regulations.

ENGINE RUN-UP RESTRICTIONS

Run-ups of mounted aircraft engines for maintenance or test purposes is prohibited between the hours of 2200–0700 daily except as provided below:

- 1) An idle check of a single engine is allowed under the following conditions:

(a) An idle check of a single engine not to exceed a 5-minute duration may be conducted in the lease hold area. If more than one engine is to be checked, each engine must be checked separately and the cumulative duration of the idle checks cannot exceed 5-minutes.

(b) An idle check of a single engine or multiple engines (checked separately) which will exceed a duration of five minutes will be accomplished in the designated run-up areas. For purposes of noise abatement monitoring, this will be considered a power run-up.

During the hours of 2200–0700, the Operations Supervisor shall be called and permission received prior to any engine idle check or engine idle run-up, including any idle run for more than a cumulative duration of 5-minutes.

During other hours, the Operations Supervisor shall be called and permission received prior to any engine run-up. Any request for an engine run-up during the hours 2200–0700, other than that described above, which is the result of unusual or emergency circumstances, may be approved by the Nighttime Noise Clearance Center.

When approved and accomplished, the Maintenance Supervisor of the airline concerned must provide to the Airport Director a monthly report detailing the following:

- (a) Date and time of the run-up
- (b) Type of aircraft
- (c) Aircraft identification number
- (d) Location of the run-up
- (e) Duration of the run-up
- (f) An explanation of the unusual or emergency circumstances making the run-up necessary

Reports will be submitted to the Airport Director, Attn: Airport Operations within three working days after the last day of each calendar month.

SPECIAL PROCEDURES SAN FRANCISCO INTERNATIONAL AIRPORT NOISE ABATEMENT PROCEDURES

APU OPERATING RESTRICTIONS

Operators are encouraged to use ground power and air sources whenever practicable. APUs may be used when aircraft are being towed.

1) Domestic terminals—Use of APUs is prohibited between the hours of 2200–0600 except 30 minutes prior to departure, when passengers are aboard, or it is needed to test other aircraft equipment.

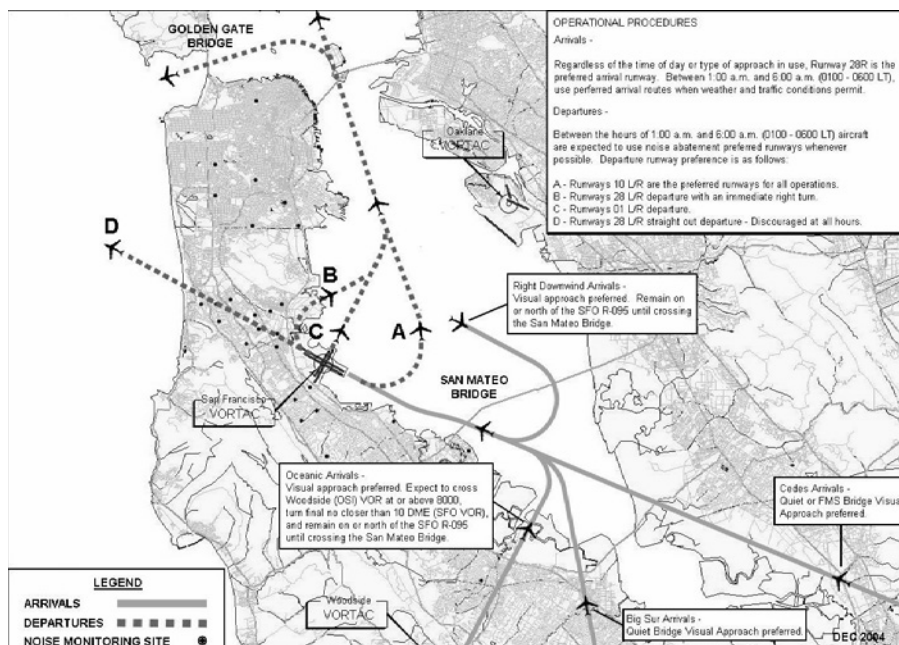
2) International Terminal—The following procedures apply:

(a) Aircraft scheduled to be at a gate in Boarding Areas A and G for more than 45 minutes between the hours of 0700–2200, are required to use 400Hz ground power and pre-conditioned air, where available. APUs are not authorized without prior permission is received from Airport Operations, during the use of ground power and pre-conditioned air until 30 minutes prior to push-back.

(b) All aircraft scheduled to be at an International Terminal gate between 2200–0700 hours are required to use 400Hz ground power and pre-conditioned air, where available, regardless of scheduled time at the gate. APUs are not authorized, unless prior permission is received from Airport Operations, during the use of ground power and pre-conditioned air until 30 minutes prior to push-back.

NOISE MONITORING SYSTEM

As of January 2005, the Airport installed a new Aircraft Noise Management System (ANMS) utilizing Lochard's Airport Noise and Operations Monitoring System (ANOMS(tm)) 8 product suite. This system consists of 29 fixed Environmental Monitoring Units (EMU) and four portable units. The previous passive radar system was replaced with Lochard's new hybrid, SkyTrak(tm), an integration of the FAA ARTS IIIIE and live Mode S with passive radar that will drive the SFO community web site and deliver flight data throughout the airport.



CONTACT INFORMATION

For more information about the Fly Quiet Program or noise abatement procedures contact 650-821-5100.

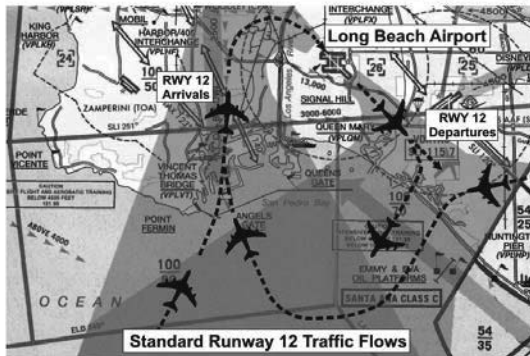
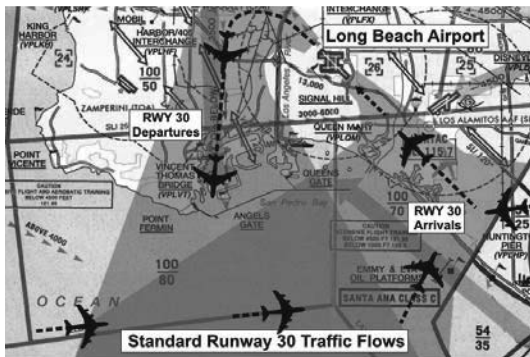
AIR CARRIER OPERATIONS VICINITY OF LONG BEACH (DAUGHERTY FIELD), CA.

A wide mix of aircraft types including Air Carriers landing and departing Long Beach Daugherty Field, utilize the airspace south of Long Beach Airport (Daugherty Field) (LGB), Long Beach, California. The Class E airspace between Point Vicente, Catalina Island, and Huntington Beach accommodates pilot training from local flight schools, numerous IFR and VFR enroute aircraft, and helicopter and other aviation activities.

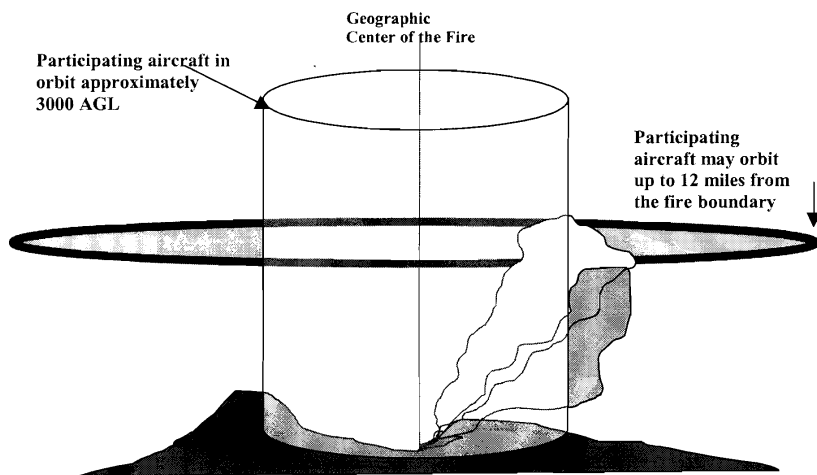
Participating flight training aircraft in Class E airspace south of Long Beach may:

- Utilize helicopter frequency 122.85 at or below 2,000 MSL.
- Utilize air-to-air frequency 121.95 above 2,000 MSL and below 4,500 MSL.
- Participants are encouraged to make position reports relative to Palos Verde Point, Point Vicente and Point Fermin, Angels Gate, Queens Gate, Emmy & Eva Oil Platforms and the Queen Mary.

VFR flight following may be available from SOCAL TRACON as indicated on the LA Terminal Area Chart.



FIREFIGHTING TRAFFIC AREAS



Pilots are advised to stay clear of Firefighting Traffic Areas. Remain 15 miles from the area of activity. If you must over-fly the area, do so at an altitude of 5000 feet AGL above. However, to remain safe and out of the way of working aircraft, it is best to circumnavigate the area.

The wild-land fire environment can be very complex and involve a large number and variety of aircraft types including fixed and rotary wing aircraft. Some of the aircraft are small single and multi-engine command and control platforms that can be especially difficult to see and may give the appearance that the fire is not staffed. The aircraft participating in firefighting can orbit as far out as 12 miles from the perimeter of the fire. Any intrusion by aircraft not directly involved in the firefighting operation could delay the delivery of much needed retardant or water to ground firefighters and will adversely affect the safety of participating aircraft. Please stay well away from wild-land fires even if you feel that aircraft are not working the fire; they may be en route or unseen.

If you see a fire developing along your route, report it immediately to air traffic control who will advise the US Forest Service. The firefighting community would welcome this information.

SPECIAL PROCEDURES ASPEN COUNTY / SARDY FIELD (KASE) ASPEN, COLORADO

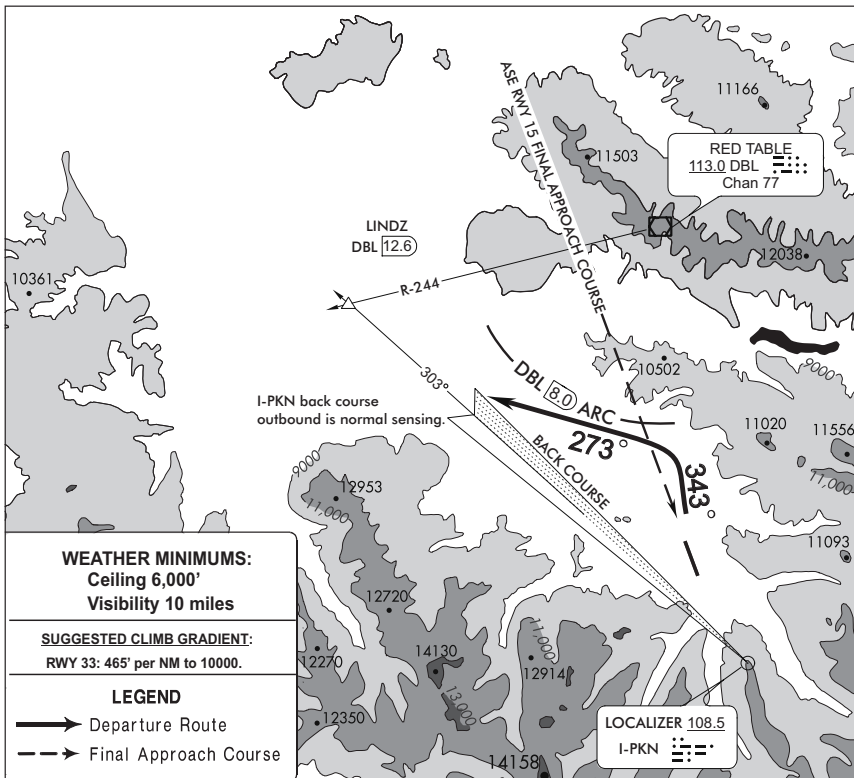
“COZY ONE VFR DEPARTURE (KASE)”

- Aspen Airport Rwy 33 VFR departure procedure with transition to IFR clearance when Aspen is landing 15 and departing Rwy 33.
- Pilots should specifically request this procedure using the departure name.
- Aircraft unable to comply with the restrictions in this chart must advise tower prior to taxi and request the published SID.

VFR DEPARTURE ROUTE DESCRIPTION

RUNWAY 33 INITIAL CLIMB: After departure fly heading 343°, maintain VFR at or below 13,000. Expect a left turn (called by ASE Tower) to heading 273°, prior to DBL 8.0 DME. Fly heading 273° to intercept I-PKN NW course outbound to LINDZ INT (DBL R-244).

Receipt of a clearance to climb above 13,000 feet from Aspen Tower or Departure Control constitutes activation of IFR clearance upon leaving 13,000 feet.

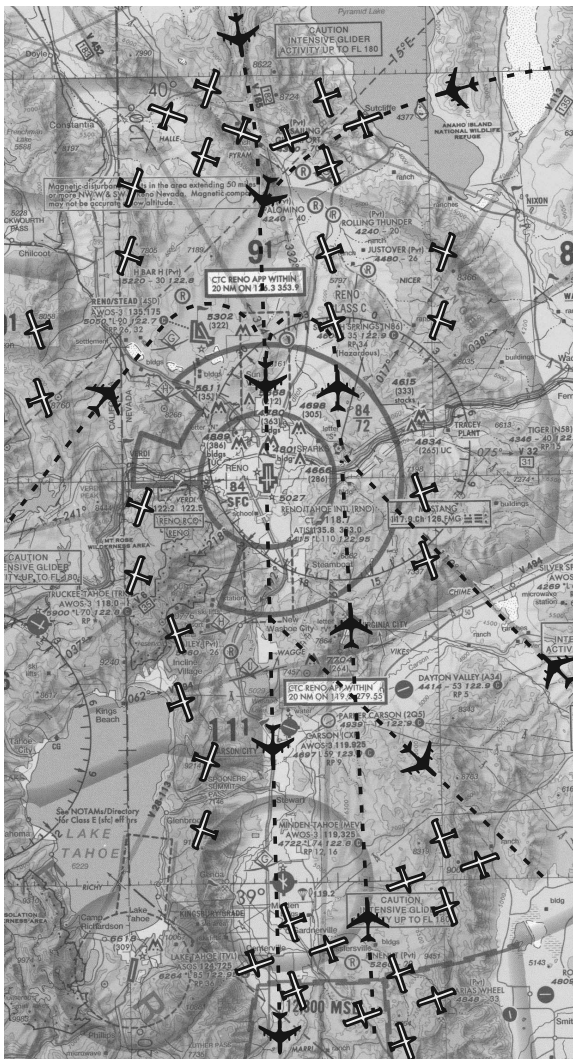


LOST COMMUNICATIONS: In the event of lost communication prior to IFR activation, squawk 7600 Maintain VFR. Turn left heading 273° to join the I-PKN course outbound. Exercise extreme caution crossing runway 15 final approach course due to opposite direction arrivals. Cross LINDZ at 16,000. If unable to cross LINDZ at 16,000, climb in hold, southwest of LINDZ, inbound on DBL R-244, left turns, 5 mile legs, until reaching 16,000, then on course. IFR is activated leaving 13,000.

CONTACT FOR ADDITIONAL INFORMATION: Aspen Air Traffic Control Tower (970)925-3703

GLIDER/SOARING ACTIVITIES AROUND THE RENO-TAHOE INTERNATIONAL AIRPORT

There is intense glider activity up to FL180 near the Reno-Tahoe International Airport. Gliders conduct aerobatic maneuvers and other soaring activities in airspace on or near arrival routes, departure routes, final approach courses and holding fixes for the Reno-Tahoe International Airport. Gliders originate may originate from the Air Sailing, Minden-Tahoe and Truckee (California) Airports. The Air Sailing Airport is located near the Mustang (FMG) 337 radial at 20 nautical miles, between Anaho, Pyram and Takle intersections. The Minden-Tahoe Airport is located near the FMG 172 radial at 32 nautical miles, between J5 and J94. The Truckee California Airport is located near the FMG 225 radial at 26 nautical miles, north of the Squaw Valley VOR/DME between J32 and V392. Federal Aviation Regulations do not require gliders operators to equip, activate or to broadcast the location of their aircraft via transponder or radio communications while operating outside of Class A or C Airspace. Atmospheric conditions attract large quantities of gliders to the area and activity near mountain ridges or "hot spots" may be intense. Altitudes up to 17,999 have been observed and pilots should exercise due diligence when exiting Class A and C airspace. Pilots are encouraged to refer to the SFO Sectional Aeronautical Chart and to the remarks in the Airport/Facility Directory, Southwest US for the Reno-Tahoe International Airport (RNO) regarding glider activity. For further information, call Reno ATCT/TRACON at (775) 784-5582.



The following narratives summarize the FAR Part 93 Special Air Traffic Rules, and Airport Traffic Patterns in effect as prescribed in the rule. This information is advisory in nature and in no way relieves the pilot from compliance with the specific rules set forth in FAR Parts 91 and 93.

Special Airport Traffic Areas prescribed in Part 93 are depicted on Sectional Aeronautical Charts, World Aeronautical Charts, Enroute Low Altitude Charts, and where applicable, on VFR Terminal Area Charts.

OPERATIONS RESERVATIONS FOR HIGH DENSITY TRAFFIC AIRPORTS KENNEDY, LAGUARDIA, AND WASHINGTON REAGAN NATIONAL

The Federal Aviation Administration (FAA) has designated New York's Kennedy and LaGuardia Airports and Washington Reagan National Airport as High Density Traffic Airports (HDTA), Title 14, Code of Federal Regulations, part 93, subpart K, and has prescribed air traffic rules and requirements for operating aircraft (excluding helicopters) to and from those airports during certain hours.

Reservations are required for operations from 6 a.m. through 11:59 p.m. local time at LaGuardia Airport and Washington Reagan National Airport. Reservations at Kennedy Airport are required from 3 p.m. through 7:59 p.m. local time.

Reservation procedures are detailed in Advisory Circular 93-1, Reservations for Unscheduled Operations at High Density Traffic Airports. A copy of the advisory circular is available on the FAA website at <http://www.faa.gov>. Reservations for unscheduled operations are allocated through the Enhanced Computer Voice Reservation System (e-CVRS) accessible via telephone or the Internet. This system may not be used to make reservations for scheduled air carrier or commuter flights.

The toll-free telephone number for accessing e-CVRS is 1-800-875-9694 and is available for calls originating within the United States, Canada, and the Caribbean. Users outside the toll-free areas may access e-CVRS by calling the toll number of 703-707-0568. The Internet web address for accessing the e-CVRS is <http://www.fly.faa.gov/ecvrs>. If you have any questions about reservation requirements or are experiencing problems with the system, you may telephone the Airport Reservation Office at the Air Traffic Control System Command Center at (703) 904-4452.

Requests for instrument flight rules (IFR) reservations will be accepted beginning 72 hours prior to the proposed time of operation at the high-density airport. For example, a request for an 11 a.m. reservation on a Thursday will be accepted beginning at 11 a.m. on the previous Monday.

IFR reservations must be obtained prior to IFR landing or takeoff at an HDTA during slot controlled hours. An air traffic control (ATC) clearance does not constitute a reservation. A reservation does not constitute permission to operate at an HDTA if additional operational limits or procedures are required by NOTAM and/or regulation.

Aircraft involved in medical emergencies will be handled by ATC without regard to a reservation after obtaining prior approval of the ATC System Command Center on (703) 904-4452. ATC will accommodate declared other emergency situations without regard to slot reservations.

NOTE: Visual flight rule (VFR) reservations via ATC for unscheduled operations at LaGuardia are not authorized from 7 a.m. through 8:59 a.m. local time and 4 p.m. through 6:59 p.m. local time, Monday through Friday and Sunday evenings, unless otherwise announced by NOTAM. Both IFR and VFR operations during those time periods must obtain an advance reservation through e-CVRS.

LUKE AIR FORCE BASE (AFB), AZ SPECIAL AIR TRAFFIC RULE F.A.R PART 93 EFFECTIVE MAY 6, 2010

Title 14, Code of Federal Regulations, part 93, subpart O, has prescribed special air traffic rules and communication requirements for aircraft operating under Visual Flight Rules (VFR) in the vicinity of Luke Air Force Base.

Pilots are required to establish two-way communication with Luke Approach Control on 118.15 north of Luke AFB or 125.45 south of Luke AFB prior to entering the special air traffic rule area. See Phoenix Terminal Area Chart.

Pilots of non-radio equipped aircraft must request permission to enter the special air traffic rule area at least 24 hours before the proposed operation by telephoning Luke Approach Control at 623-856-6448.

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**FSS
TELEPHONE NUMBERS**

Flight Service Station (FSS) facilities provide flight planning and weather briefing services to pilots. FSS services in the contiguous United States, Hawaii and Puerto Rico, are provided by a network of large FSS facilities and a few select remote facilities some of which operate part-time. Because of the interconnectivity between the facilities, all FSS services including radio frequencies are available continuously using published data.

Telephone Information Briefing Service (TIBS) is a FSS service that provides continuous recordings of meteorological and/or aeronautical information. A touch-tone telephone is required to fully utilize this service.

Further information can be found in the Aeronautical Information Manual (AIM).

NATIONAL FSS TELEPHONE NUMBER

Pilot Weather Briefings..... 1-800-WX-BRIEF (1-800-992-7433)

OTHER FSS TELEPHONE NUMBERS (except in Alaska)

TIBS (see description above) 1-877-4TIBS-WX (1-877-484-2799)
 Clearance Delivery Only 1-888-766-8267
 Lifeguard Flights Only 1-877-LIF-GRD3 (1-877-543-4733)

FLIGHT RESTRICTED ZONE FLIGHTS

Pilots wishing to fly within the Flight Restricted Zone (FRZ) must call the Washington ARTCC Flight Data Unit at 703-771-3476.

FAA TELEPHONE NUMBERS AND NWS KEY AIR TRAFFIC FACILITIES

Air Traffic Control System Command Center

Main Number..... 540-422-4100

RGNL AIR TRAFFIC DIVISIONS

| REGION | TELEPHONE |
|--------------------|--------------|
| Alaskan | 907-271-5464 |
| Central | 816-329-2500 |
| Eastern | 718-553-4502 |
| Great Lakes | 847-294-7202 |
| New England | 404-305-6200 |
| Northwest Mountain | 425-227-2500 |
| Southern | 404-305-5500 |
| Southwest | 817-222-5500 |
| Western Pacific | 310-725-6500 |

AIR ROUTE TRAFFIC CONTROL CENTERS (ARTCCs)

| ARTCC NAME | *24 HR RGNL DUTY OFFICE TELEPHONE # | BUSINESS HOURS | BUSINESS TELEPHONE # |
|----------------|---|---------------------|-------------------------|
| Albuquerque | 817-222-5006 | 7:30 a.m.-4:00 p.m. | 505-856-4300 |
| Anchorage | 907-271-5936 | 7:30 a.m.-4:00 p.m. | 907-269-1137 |
| Atlanta | 404-305-5180 | 7:30 a.m.-5:00 p.m. | 770-210-7601 |
| Boston | 404-305-5156 | 7:30 a.m.-4:00 p.m. | 603-879-6633 |
| Chicago | 817-222-5006 | 8:00 a.m.-4:00 p.m. | 630-906-8221 |
| Cleveland | 817-222-5006 | 8:00 a.m.-4:00 p.m. | 440-774-0310 |
| Denver | 425-227-1389 | 7:30 a.m.-4:00 p.m. | 303-651-4100 |
| Ft. Worth | 817-222-5006 | 7:30 a.m.-4:00 p.m. | 817-858-7300 |
| Houston | 817-222-5006 | 7:30 a.m.-4:00 p.m. | 281-230-5300 |
| Indianapolis | 817-222-5006 | 8:00 a.m.-4:00 p.m. | 317-247-2231 |
| Jacksonville | 404-305-5180 | 8:00 a.m.-4:30 p.m. | 904-549-1501 |
| Kansas City | 817-222-5006 | 7:30 a.m.-4:00 p.m. | 913-254-8500 |
| Los Angeles | 661-265-8200 | 7:30 a.m.-4:00 p.m. | 661-265-8200 |
| Memphis | 404-305-5180 | 7:30 a.m.-4:00 p.m. | 901-368-8103 |
| Miami | 404-305-5180 | 7:00 a.m.-3:30 p.m. | 305-716-1500 |
| Minneapolis | 817-222-5006 | 8:00 a.m.-4:00 p.m. | 651-463-5580 |
| New York | 718-995-5426 | 8:00 a.m.-4:40 p.m. | 631-468-1001 |
| Oakland | 310-725-3300 | 6:30 a.m.-3:00 p.m. | 510-745-3331 |
| Salt Lake City | 425-227-1389 | 7:30 a.m.-4:00 p.m. | 801-320-2500 |
| Seattle | 425-227-1389 | 7:30 a.m.-4:00 p.m. | 253-351-3500 |
| Washington | 718-995-5426 | 8:00 a.m.-4:30 p.m. | 703-771-3401 |

MAJOR TERMINAL RADAR APPROACH CONTROLS (TRACONS)

| TRACON NAME | *24 HR RGNL DUTY OFFICE TELEPHONE # | BUSINESS HOURS | BUSINESS TELEPHONE # |
|------------------|---|---------------------|-------------------------|
| Atlanta | 404-305-5180 | 7:00 a.m.-3:30 p.m. | 404-669-1200 |
| Chicago | 817-222-5006 | 8:00 a.m.-4:00 p.m. | 847-608-5509 |
| Dallas-Ft. Worth | 817-222-5006 | 7:30 a.m.-4:00 p.m. | 972-615-2500 |
| Denver | 425-227-1389 | 7:30 a.m.-4:00 p.m. | 303-342-1500 |
| Houston | 817-222-5006 | 7:30 a.m.-4:00 p.m. | 281-230-8400 |
| New York | 718-995-5426 | 8:00 a.m.-4:30 p.m. | 516-683-2901 |
| Northern CA | 310-725-3300 | 7:00 a.m.-3:30 p.m. | 916-366-4001 |
| Potomac | 718-995-5426 | 8:00 a.m.-4:30 p.m. | 540-349-7500 |
| Southern CA | 310-725-3300 | 7:30 a.m.-4:00 p.m. | 858-537-5800 |

*Facilities can be contacted through the Rgnl Duty Officer during non-business hours.

**FAA TELEPHONE NUMBERS AND NWS
KEY AIR TRAFFIC FACILITIES**

435

DAILY NAS REPORTABLE AIRPORTS

| AIRPORT NAME | *24 HR RGNL DUTY OFFICE TELEPHONE # | BUSINESS HOURS | BUSINESS TELEPHONE # |
|--|--|---------------------------|---------------------------------|
| Albuquerque Intl Sunport, NM | 817-222-5006 | 8:00 a.m.-5:00 p.m. | 505-842-4366 |
| Andrews AFB, MD | 718-995-5426 | 8:00 a.m.-4:30 p.m. | 301-735-2380 |
| Baltimore/Washington Intl Thurgood Marshall, MD | 718-995-5426 | 8:00 a.m.-4:30 p.m. | 410-962-3555 |
| Boston Logan Intl, MA | 404-305-5156 | 7:30 a.m.-4:00 p.m. | 617-455-3100 |
| Bradley Intl, CT | 404-305-5156 | 7:30 a.m.-4:00 p.m. | 203-627-3428 |
| Burbank/Bob Hope, CA | 310-725-3300 | 7:00 a.m.-5:30 p.m. | 818-567-4806 |
| Charlotte Douglas Intl, NC | 404-305-5180 | 8:00 a.m.-4:30 p.m. | 704-344-6487 |
| Chicago Midway, IL | 817-222-5006 | 8:00 a.m.-4:00 p.m. | 773-884-3670 |
| Chicago O'Hare Intl, IL | 817-222-5006 | 8:00 a.m.-4:00 p.m. | 773-601-7600 |
| Cleveland Hopkins Intl, OH | 817-222-5006 | 8:00 a.m.-4:00 p.m. | 216-352-2000 |
| Covington/Cincinnati, OH | 708-294-7401 | 8:00 a.m.-4:30 p.m. | 606-767-1006 |
| Dallas-Ft. Worth Intl, TX | 817-222-5006 | 8:30 a.m.-5:00 p.m. | 972-615-2531 |
| Dayton Cox Intl, OH | 817-222-5006 | 7:30 a.m.-4:00 p.m. | 937-454-7300 |
| Denver Intl, CO | 425-227-1389 | 7:30 a.m.-4:00 p.m. | 303-342-1600 |
| Detroit Metro, MI | 817-222-5006 | 8:00 a.m.-4:00 p.m. | 734-955-5000 |
| Fairbanks Intl, AK | 907-271-5936 | 7:30 a.m.-4:00 p.m. | 907-474-0050 |
| Fort Lauderdale Intl, FL George Bush | 404-305-5180 | 7:00 a.m.-3:30 p.m. | 305-356-7932 |
| Intercontinental/Houston, TX | 817-222-5006 | 7:30 a.m.-4:00 p.m. | 713-230-8400 |
| Hartsfield-Jackson Atlanta Intl, GA | 404-305-5180 | 7:00 a.m.-3:30 p.m. | 404-669-1200 |
| Honolulu (Daniel K Inouye Intl), HI | 310-725-3300 | 7:30 a.m.-4:00 p.m. | 808-840-6100 |
| Houston Hobby, TX | 817-222-5006 | 8:00 a.m.-5:00 p.m. | 713-847-1400 |
| Indianapolis Intl, IN | 817-222-5006 | 8:00 a.m.-4:00 p.m. | 317-484-6600 |
| Kahului/Maui, HI | 310-725-3300 | 7:30 a.m.-4:00 p.m. | 808-877-0725 |
| Kansas City Intl, MO | 817-222-5006 | 7:30 a.m.-4:00 p.m. | 816-329-2700 |
| Las Vegas McCarran, NV | 310-725-3300 | 7:30 a.m.-4:00 p.m. | 702-262-5978 |
| Los Angeles Intl, CA | 310-725-3300 | 7:00 a.m.-3:30 p.m. | 310-342-4900 |
| Louis Armstrong New Orleans Intl, LA | 817-222-5006 | 7:00 a.m.-4:30 p.m. | 504-471-4300 |
| Memphis Intl, TN | 404-305-5180 | 7:30 a.m.-4:00 p.m. | 901-322-3350 |
| Miami Intl, FL | 404-305-5180 | 7:00 a.m.-4:00 p.m. | 305-869-5400 |
| Minneapolis/St. Paul, MN | 817-222-5006 | 8:00 a.m.-4:00 p.m. | 612-713-4000 |
| Nashville Intl, TN | 404-305-5180 | 7:00 a.m.-3:30 p.m. | 615-781-5460 |
| New York Kennedy Intl, NY | 718-995-5426 | 8:00 a.m.-4:30 p.m. | 718-656-0335 |
| New York La Guardia, NY | 718-995-5426 | 8:00 a.m.-4:30 p.m. | 718-335-5461 |
| Newark Liberty Intl, NJ | 718-995-5426 | 7:30 a.m.-4:00 p.m. | 973-565-5000 |
| Norman Y. Mineta San Jose Intl, CA | 310-725-3300 | 7:30 a.m.-4:00 p.m. | 408-982-0750 |
| Ontario Intl, CA | 310-725-3300 | 7:30 a.m.-4:00 p.m. | 909-983-7518 |
| Orlando Intl, FL | 404-305-5180 | 7:30 a.m.-5:00 p.m. | 407-850-7000 |
| Philadelphia Intl, PA | 718-995-5426 | 8:00 a.m.-4:30 p.m. | 215-492-4100 |
| Phoenix Sky Harbor Intl, AZ | 310-725-3300 | 7:30 a.m.-4:00 p.m. | 602-379-4226 |
| Pittsburgh Intl, PA | 718-995-5426 | 8:00 a.m.-4:30 p.m. | 412-269-9237 |
| Portland Intl, OR | 425-227-1389 | 7:30 a.m.-4:00 p.m. | 503-493-7500 |
| Raleigh-Durham, NC | 404-305-5180 | 8:00 a.m.-4:30 p.m. | 919-380-3125 |
| Ronald Reagan Washington National, DC | 718-995-5426 | 8:00 a.m.-4:30 p.m. | 703-413-0330 |
| Salt Lake City, UT | 425-227-1389 | 7:30 a.m.-4:00 p.m. | 801-325-9600 |
| San Antonio Intl, TX | 817-222-5006 | 8:00 a.m.-4:30 p.m. | 210-805-5507 |
| San Diego Lindbergh Intl, CA | 310-725-3300 | 8:00 a.m.-4:30 p.m. | 619-299-0677 |
| San Francisco Intl, CA | 310-725-3300 | 7:00 a.m.-3:30 p.m. | 650-876-2883 |
| San Juan Intl, PR | 404-305-5180 | 7:30 a.m.-5:00 p.m. | 787-253-8663 |
| Seattle-Tacoma Intl, WA | 425-227-1389 | 7:30 a.m.-4:00 p.m. | 206-768-2900 |
| St. Louis Lambert, MO | 817-222-5006 | 7:30 a.m.-4:00 p.m. | 314-890-1000 |
| Tampa Intl, FL | 404-305-5180 | 7:30 a.m.-4:00 p.m. | 813-371-7700 |
| Ted Stevens Anchorage Intl, AK | 907-271-5936 | 7:30 a.m.-4:00 p.m. | 907-271-2700 |
| Teterboro, NJ | 718-995-5426 | 8:00 a.m.-4:30 p.m. | 201-288-1889 |
| Washington Dulles Intl, DC | 718-995-5426 | 8:00 a.m.-4:30 p.m. | 571-323-6375 |
| West Palm Beach, FL | 404-305-5180 | 8:00 a.m.-4:30 p.m. | 561-683-1867 |
| Westchester Co, NY | 718-995-5426 | 8:00 a.m.-4:30 p.m. | 914-948-6520 |

*Facilities can be contacted through the Rgnl Duty Officer during non-business hours.

KEY to AERODROME FORECAST (TAF) and AVIATION ROUTINE WEATHER REPORT (METAR)

TAF KPIT 091730Z 091818 15005KT 5SM HZ.FEW020 WS010/31022KT
FM1930 30015G25KT 3SM SHRA OVC015 TEMPO 2022 1/2SM +TSRA
OVC008CB
FM0100 27008KT 5SM SHRA BKN020 OVC040 PROB40 0407 1SM -RA BR
FM1015 18005KT 6SM -SHRA OVC020 BECMG 1315 P6SM NSW SKC

METAR KPIT 091955Z COR 22015G25KT 3/4SM R28L/2600FT TSRA OVC010CB
18/16 A2992 RMK SLP045 T01820159

| Forecast | Explanation | Report |
|----------------|--|--|
| TAF | Message type: <u>TAF</u> -routine or <u>TAF AMD</u> -amended forecast, <u>METAR</u> -hourly, <u>SPECI</u> -special or <u>TESTM</u> -non-commissioned ASOS report | METAR |
| KPIT | ICAO location indicator | KPIT |
| 091730Z | Issuance time: ALL times in UTC " <u>Z</u> ", 2-digit date, 4-digit time | 091955Z |
| 091818 | Valid period: 2-digit date, 2-digit beginning, 2-digit ending times In U.S. METAR : <u>COR</u> rected ob; or <u>AUTO</u> mated ob for automated report with no human intervention; omitted when observer logs on | COR |
| 15005KT | Wind: 3 digit true-north direction, nearest 10 degrees (or <u>VaRiaBle</u>); next 2-3 digits for speed and unit, <u>KT</u> (KMH or MPS); as needed, <u>Gust</u> and maximum speed; 00000KT for calm; for METAR , if direction varies 60 degrees or more, <u>Variability</u> appended, e.g. 180 <u>V</u> 260 | 22015G25KT |
| 5SM | Prevailing visibility: in U.S., <u>Statute Miles</u> & fractions; above 6 miles in TAF Plus 6SM. (Or, 4-digit minimum visibility in meters and as required, lowest value with direction) | 3/4SM |
| HZ | Runway Visual Range: <u>R</u> ; 2-digit runway designator <u>Left</u> , <u>Center</u> , or <u>Right</u> as needed; <u>"</u> / <u>"</u> ; <u>Minus</u> or <u>Plus</u> in U.S., 4-digit value, <u>FeeT</u> in U.S., (usually meters elsewhere); 4-digit value <u>Variability</u> 4-digit value (and tendency <u>Down</u> , <u>Up</u> or <u>No</u> change) | R28L/2600FT |
| FEW020 | Significant present, forecast and recent weather: see table (on back) Cloud amount, height and type: <u>SKy</u> <u>C</u> lear 0/8, <u>FEW</u> >0/8-2/8, <u>SCA</u> tered 3/8-4/8, <u>BroKeN</u> 5/8-7/8, <u>OVerCast</u> 8/8; 3-digit height in hundreds of ft; <u>Towering CU</u> mulus or <u>CumulonimBus</u> in METAR ; in TAF , only <u>CB</u> . <u>Vertical</u> <u>Visi</u> bility for obscured sky and height "VV004". More than 1 layer may be reported or forecast. In automated METAR reports only, <u>CLeaR</u> for "clear below 12,000 feet" <u>T</u> emperature: degrees Celsius; first 2 digits, temperature <u>"</u> / <u>"</u> last 2 digits, dew-point temperature; <u>Minus</u> for below zero, e.g., M06 Altimeter setting: indicator and 4 digits; in U.S., <u>A</u> -inches and hundredths; (<u>Q</u> -hectoPascals, e.g., Q1013) | TSRA OVC010CB 18/16 A2992 |

KEY to AERODROME FORECAST (TAF) and AVIATION ROUTINE WEATHER REPORT (METAR)

| Forecast | Explanation | Report |
|--|--|--|
| <p>WS010/31022KT</p> <p>FM1930</p> <p>TEMPO 2022</p> <p>PROB40 0407</p> <p>BECMG 1315</p> | <p>In U.S. TAF, non-convective low-level ($\leq 2,000$ ft) <u>Wind Shear</u>; 3-digit height (hundreds of ft); <u>"/"</u>; 3-digit wind direction and 2-3 digit wind speed above the indicated height, and unit, <u>KT</u></p> <p>In METAR, <u>ReMark</u> indicator & remarks. For example: <u>Sea-Level Pressure</u> in hectoPascals & tenths, as shown: 1004.5 hPa; <u>Temp/dew-point</u> in tenths °C, as shown: temp. 18.2°C, dew-point 15.9°C</p> <p><u>FroM</u> and 2-digit hour and 2-digit minute beginning time: indicates significant change. Each FM starts on new line, indented 5 spaces.</p> <p><u>TEMPO</u>rary: changes expected for < 1 hour and in total, < half of 2-digit hour beginning and 2-digit hour ending time period</p> <p><u>PROB</u>ability and 2-digit percent (30 or 40): probable condition during 2-digit hour beginning and 2-digit hour ending time period</p> <p><u>BECM</u>inG: change expected during 2-digit hour beginning and 2-digit hour ending time period</p> | <p>RMK</p> <p>SLP045</p> <p>T01820159</p> |

Table of Significant Present, Forecast and Recent Weather - Grouped in categories and used in the order listed below; or as needed in TAF, No Significant Weather.

| | | | |
|--|------------------------|--------------|------------------------------------|
| QUALIFIER | | | |
| Intensity or Proximity | | | |
| - Light "no sign" Moderate + Heavy | | | |
| VC Vicinity: but not at aerodrome; in U.S. METAR , between 5 and 10SM of the point(s) of observation; in U.S. TAF , 5 to 10SM from center of runway complex (elsewhere within 8000m) | | | |
| Descriptor | | | |
| MI Shallow | BC Patches | PR Partial | TS Thunderstorm |
| BL Blowing | SH Showers | DR Drifting | FZ Freezing |
| WEATHER PHENOMENA | | | |
| Precipitation | | | |
| DZ Drizzle | RA Rain | SN Snow | SG Snow grains |
| IC Ice crystals | PL Ice pellets | GR Hail | GS Small hail/snow pellets |
| UP Unknown precipitation in automated observations | | | |
| Obscuration | | | |
| BR Mist ($\geq 5/8$ SM) | FG Fog ($< 5/8$ SM) | FU Smoke | VA Volcanic ash |
| SA Sand | HZ Haze | PY Spray | DU Widespread dust |
| Other | | | |
| SQ Squall | SS Sandstorm | DS Duststorm | PO Well developed dust/sand whirls |
| FC Funnel cloud | +FC tornado/waterspout | | |

- Explanations in parentheses "()" indicate different worldwide practices.
- Ceiling is not specified; defined as the lowest broken or overcast layer, or the vertical visibility.
- NWS **TAFs** exclude turbulence, icing & temperature forecasts; NWS **METARs** exclude trend fcsts
- Although not used in US, Ceiling And Visibility OK replaces visibility, weather and clouds if: visibility ≥ 10 km; no cloud below 5000 ft (1500 m) or below the highest minimum sector altitude, whichever is greater and no CB; and no precipitation, TS, DS, SS, MIFG, DRDU, DRSA or DRSN.

UNITED STATES DEPARTMENT OF COMMERCE

NOAA/PA 96052 National Oceanic and Atmospheric Administration—National Weather Service

PIREP FORM

Pilot Weather Report

→ = Space Symbol

3-Letter SA Identifier

1. **UA** →

UUA →

Routine Report

Urgent Report

| | |
|---|--------------------------------|
| 2. /OV → | Location: |
| 3. /TM → | Time: |
| 4. /FL | Altitude/Flight Level: |
| 5. /TP → | Aircraft Type: |
| <i>Items 1 through 5 are mandatory for all PIREPs</i> | |
| 6. /SK → | Sky Cover: |
| 7. /WX → | Flight Visibility and Weather: |
| 8. /TA → | Temperature (Celsius): |
| 9. /WV → | Wind: |
| 10. /TB → | Turbulence: |
| 11. /IC → | Icing: |
| 12. /RM → | Remarks: |

Encoding Pilot Weather Reports (PIREP)

1. **UA - Routine PIREP, UUA - Urgent PIREP**
2. **/OV - Location:** Use 3-letter NAVAID ident only.
 - a. Fix: /OV ABC, /OV ABC 090025.
 - b. Fix to fix: /OV ABC-DEF, /OV ABC-DEF 120020, /OV ABC 045020-DEF 120005, /OV ABC-DEF-GHI.
3. **/TM - Time:** 4 digits in GMT: /TM 0915.
4. **/FL - Altitude/Flight Level:** 3 digits for hundreds of feet. If not known, use UNKN: /FL095, /FL310, /FLUNKN.
5. **/TP - Type aircraft:** 4 digits maximum, if not known use UNKN: /TP L329, /TP B727, /TP UNKN.
6. **/SK - Cloud layers:** Describe as follows:
 - a. Height of cloud base in hundreds of feet. If unknown, use UNKN.
 - b. Cloud cover symbol.
 - c. Height of cloud tops in hundreds of feet.
 - d. Use solidus (/) to separate layers.
 - e. Use a space to separate each sub element.
 - f. Examples: /SK 038 BKN, /SK 038 OVC 045, /SK 055 SCT 073/085 BKN 105, /SK UNKN OVC
7. **/WX - Weather:** Flight visibility reported first. Use standard weather symbols, intensity is not reported: /WX FV02 R H, /WX FV01 TRW.
8. **/TA - Air temperature in Celsius:** if below zero, prefix with a hyphen: /TA 15, /TA -06.
9. **/WV - Wind:** Direction and speed in six digits. /WV 270045, /WV 280110.
10. **/TB - Turbulence:** Use standard contractions for intensity and type (use CAT or CHOP when appropriate). Include altitude only if different from /FL. /TB EXTRM, /TB LGT-MOD BLO-090.
11. **/IC - Icing:** Describe using standard intensity and type contractions. Include altitude only if different than /FL: /IC LGT-MDT RIME, /IC SVR CLR 028-045.
12. **/RM - Remarks:** Use free form to clarify the report. Most hazardous element first: /RM LLWS -15KT SFC-003 DURGC RNWY 22 JFK.
Refer to FAAH 7110.10 for expanded explanation of TEI coding.

Examples of Completed PIREPS

UA /OV RFD 170030/TM 1315/FL160/TP PA60 /SK 025 OVC 095/180 OVC /TA -21/WV 270048

UA /OV DHT 360015-AMA-CDS/TM 2116/FL050/TP PA32 /SK UNKN OVC/WX FV03 R /TB LGT/TA 04/RM HVY RAIN

Air Route Traffic Control Center frequencies and their remoted transmitter sites are listed below for the coverage of this volume. Bold face type indicates high altitude frequencies, light face type indicates low altitude frequencies. To insure unrestricted IFR operations within the high altitude enroute sectors, the use of 720 channel communications equipment (25 kHz channel spacing) is required.

| | |
|---|------------|
| ® ALBUQUERQUE CENTER – 121.5 121.5 132.8 134.6 243.0 243.0 251.15 346.35 | H-4-5-6-7, |
| L-5-6N-6S-7-8-10-15-17-19 | |
| Alamogordo – 132.65 132.65 257.6 257.6 | (KZAB) |
| Amarillo Nr 1 – 127.85 285.475 | |
| Amarillo Nr 2 – 134.75 321.3 239.25 | |
| Animas – 134.45 133.0 327.15 321.3 281.5 | |
| Carlsbad – 135.875 292.15 | |
| Childs Peak – 135.15 126.45 125.25 350.2 307.3 288.3 | |
| Clines Corner – 133.65 132.8 125.075 346.35 284.6 269.475 | |
| El Paso/A/ – 135.875 120.975 321.3 292.15 278.3 | |
| El Paso/B/ – 128.2 125.525 285.5 269.45 | |
| Fort Stockton – 135.875 120.975 292.15 278.3 243.0 243.0 | |
| Globe Nr 1 – 135.725 132.9 132.9 339.8 338.3 321.3 239.05 239.05 | |
| Globe Nr 2 – 135.15 133.85 132.35 132.35 125.4 353.9 353.9 350.2 290.3 269.3 260.6 | |
| Mount Dora – 133.05 127.85 285.475 269.35 | |
| Prescott – 134.325 128.45 127.675 121.5 121.5 312.0 298.9 243.0 243.0 | |
| Raton – 132.8 346.35 321.3 | |
| Roswell – 132.65 132.65 353.6 353.6 321.3 259.2 259.2 257.6 257.6 256.7 | |
| Sandia Mountain – 132.8 346.35 | |
| Silver City – 134.45 327.15 243.0 243.0 | |
| Tesuque Peak – 132.8 346.35 | |
| Truth Or Consequences – 128.2 321.3 285.5 | |
| Tucson – 134.45 133.0 398.9 327.15 281.5 273.6 273.6 | |
| Tucumcari – 132.325 126.925 126.85 119.45 353.55 285.6 267.9 251.1 | |
| West Mesa – 134.6 133.65 133.65 124.325 288.25 284.6 | |
| Winslow – 128.125 127.675 317.75 306.2 | |
| Zuni – 132.9 132.9 124.325 120.55 321.3 288.25 285.4 | |

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|---------------------------|----------------|----------------|----------------|----------------|---------------|---|
| ® DENVER CENTER – 121.5 | 121.5 | 125.9 | 243.0 | 243.0 | 284.7 | H-1-2-3-4-5-6, L-8-9-10-11-12-13-14-15, A-2 |
| Ainsworth – 132.7 | 127.95 | 121.5 | 121.5 | 397.85 | 338.2 | (KZDV) |
| Akron – 121.5 | 121.5 | | | | | |
| Alamosa – 132.225 | 128.375 | 121.5 | 121.5 | 379.95 | 377.05 | 354.15 |
| Aspen – 134.5 | 132.85 | 125.35 | 119.85 | 363.15 | 354.05 | 327.8 |
| Brush/A/ – 133.95 | 133.95 | 317.55 | 317.55 | | | |
| Brush/B/ – 118.475 | 118.475 | 225.4 | 225.4 | | | |
| Casper – 135.6 | 133.675 | 121.5 | 121.5 | 118.925 | 363.025 | 322.5 |
| Cherokee – 132.1 | 132.1 | 254.35 | 254.35 | | | |
| Cheyenne – 134.575 | 133.175 | 132.1 | 125.9 | 350.3 | 319.8 | 307.1 |
| Colby – 132.175 | 127.65 | 127.65 | 360.65 | 360.65 | 288.05 | |
| Cortez – 134.7 | 118.575 | 363.05 | 348.7 | | | |
| Crawford – 135.025 | 127.95 | 338.2 | 296.7 | 239.05 | | |
| Denver – 133.4 | 132.85 | 128.65 | 126.875 | 125.95 | 377.175 | 353.65 |
| Denver/A/ – 126.5 | 126.5 | 371.85 | 371.85 | | | |
| Denver/B/ – 119.85 | 119.85 | 363.15 | 363.15 | | | |
| Durango – 118.575 | 118.575 | 348.7 | 348.7 | | | |
| Eastonville – 134.975 | 132.225 | 128.375 | 379.95 | 354.15 | 263.0 | |
| Farmington – 128.125 | 125.675 | 121.5 | 121.5 | 118.575 | 386.8 | 380.15 |
| Goodland – 132.7 | 132.7 | 132.5 | 132.5 | 121.5 | 379.15 | 379.15 |
| Grand Island West – 132.7 | 132.7 | 397.85 | 296.7 | 226.675 | | |
| Grand Junction – 121.5 | 121.5 | | | | | |
| Grand Mesa – 135.125 | 135.125 | 134.275 | 126.725 | 125.675 | 380.15 | 323.25 |
| Grand Mesa/A/ – 125.35 | 125.35 | | | | | |
| Grand Mesa/B/ – 134.5 | 134.5 | 327.8 | 327.8 | | | |
| Gunnison – 133.525 | 125.35 | 354.05 | 319.0 | | | |
| Hanksville – 127.55 | 127.55 | 343.95 | 343.95 | | | |
| Hayden – 128.325 | 120.475 | 377.075 | 235.975 | | | |
| Hayes Center – 127.025 | 127.025 | 288.35 | 288.35 | | | |
| Hill City – 132.7 | 132.7 | 132.5 | 132.5 | 379.15 | 379.15 | 226.675 |
| Kremmling – 132.85 | 128.65 | 306.9 | 282.2 | | | |
| La Junta – 134.125 | 133.4 | 132.225 | 128.375 | 379.95 | 377.175 | 370.925 |
| Lamar – 121.5 | 121.5 | | | | | |
| Laramie – 125.9 | 125.9 | 284.7 | 284.7 | | | |
| Loveland – 121.5 | 121.5 | 243.0 | 243.0 | | | |
| Lusk – 135.6 | 135.6 | 363.025 | 363.025 | | | |
| Medicine Bow – 133.175 | 132.1 | 126.5 | 350.3 | 285.5 | 254.35 | |
| Montrose – 125.35 | 125.35 | 354.05 | 354.05 | | | |
| North Platte – 132.7 | 121.5 | 121.5 | 226.675 | | | |
| O'Neill – 135.025 | 132.7 | 397.85 | 239.05 | | | |
| Ogallala – 132.7 | 126.325 | 397.85 | 257.75 | 226.675 | | |
| Pueblo – 132.225 | 128.375 | 379.95 | 354.15 | | | |
| Rapid City – 127.95 | 127.95 | 121.5 | 121.5 | 338.2 | 338.2 | |
| Rifle – 134.95 | 327.075 | | | | | |
| Scottsbluff – 127.95 | 127.95 | 121.5 | 121.5 | | | |
| Sundance – 135.6 | 133.675 | 363.025 | 322.5 | | | |
| Trinidad – 121.5 | 121.5 | | | | | |
| Tuba City – 132.875 | 127.55 | 118.225 | 386.8 | 353.95 | 343.95 | 335.65 |
| Walton Peak – 126.5 | 126.5 | 371.85 | 371.85 | | | |

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|-------------------------------------|----------------|----------------|----------------|---------------|----------------|-------------------------------------|--------------|
| ® FORT WORTH CENTER – 121.5 | 121.5 | 134.4 | 243.0 | 243.0 | 380.3 | H-6, L-6N-6S-15-17-18-19-21-22, A-2 | |
| Abilene – 134.25 | 127.45 | 317.7 | 290.55 | 290.3 | 282.2 | | (KZFW) |
| Ardmore – 132.975 | 124.75 | 351.85 | 323.0 | | | | |
| Big Spring – 133.7 | 350.2 | | | | | | |
| Blue Ridge/A – 124.875 | 307.2 | | | | | | |
| Blue Ridge/B – 127.6 | 254.3 | | | | | | |
| Brownwood – 127.45 | 346.3 | 290.3 | | | | | |
| Clinton-Sherman – 132.45 | 128.4 | 126.3 | 363.1 | 339.8 | 269.375 | | |
| Cumby – 132.85 | 132.025 | 126.575 | 360.75 | 322.45 | 317.75 | | |
| Dublin – 128.325 | 351.9 | 290.55 | | | | | |
| Dublin/A – 135.375 | 354.05 | | | | | | |
| Dublin/B – 127.15 | 314.05 | | | | | | |
| El Dorado – 128.2 | 272.75 | 269.1 | | | | | |
| Frankston – 135.25 | 134.025 | 265.1 | 227.4 | | | | |
| Gainesville – 126.775 | 124.75 | 328.4 | 323.0 | | | | |
| Hobbs – 133.1 | 298.95 | | | | | | |
| Keller – 135.275 | 134.15 | 380.2 | 377.1 | 364.8 | | | |
| Lubbock – 132.6 | 126.45 | 120.775 | 327.1 | 316.1 | 295.9 | 292.1 | 286.6 |
| Marshall – 132.275 | 132.025 | 120.475 | 323.3 | 317.75 | 269.275 | | |
| Mc Alester – 135.45 | 132.2 | 338.35 | 257.925 | | | | |
| Midland/A – 133.1 | 132.075 | 298.95 | 278.8 | | | | |
| Midland/B – 364.8 | 291.65 | | | | | | |
| Mineral Wells – 127.0 | 120.35 | 360.6 | 307.35 | | | | |
| Monroe – 126.325 | 346.25 | | | | | | |
| Oklahoma City – 133.9 | 132.45 | 363.1 | 298.9 | | | | |
| Paducah – 133.5 | 126.45 | 124.525 | 120.775 | 350.35 | 348.65 | 339.1 | 327.1 |
| Paris – 134.475 | 124.875 | 352.05 | | | | | |
| Plainview – 126.45 | 316.1 | | | | | | |
| San Angelo – 126.15 | 120.275 | 322.55 | 319.25 | | | | |
| Scurry – 135.75 | 126.725 | 379.25 | 298.85 | | | | |
| Shreveport – 133.875 | 132.275 | 126.325 | 364.8 | 346.25 | 285.65 | 269.275 | 243.0 |
| Snyder – 132.6 | 362.3 | | | | | | 236.5 |
| Texarkana – 134.475 | 126.575 | 123.925 | 352.05 | 322.45 | 269.475 | | |
| Tulsa – 364.8 | | | | | | | |
| Tyler – 135.25 | 134.025 | 279.65 | 251.15 | | | | |
| Waco – 133.3 | 269.5 | | | | | | |
| Wichita Falls Nr 1 – 132.925 | 124.525 | 391.2 | 364.8 | 348.65 | 269.25 | | |
| Wichita Falls Nr 2 – 133.5 | 127.95 | 384.9 | 350.35 | 322.325 | 296.0 | | |

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| ® LOS ANGELES CENTER – 121.5 121.5 243.0 243.0 | H-3-4, L-3-4-5-7-8-9, A-2 |
| Bakersfield – 127.1 121.5 121.5 317.7 | (KZLA) |
| Baldwin Hills – 132.85 369.9 369.9 322.4 | |
| Barstow – 134.65 133.55 132.5 126.35 125.725 369.9 369.9 360.65 351.9 290.2 284.7 279.6 | |
| Blythe – 134.475 127.525 121.5 121.5 371.85 269.05 | |
| Cedar City – 135.55 135.25 127.35 124.2 369.9 369.9 346.3 343.6 299.2 257.675 | |
| Daggett – 121.5 121.5 | |
| Edom Hill – 133.75 126.7 353.65 | |
| Gaviota – 121.5 121.5 369.9 243.0 243.0 | |
| Julian – 127.525 126.775 371.85 307.8 | |
| Keeler – 124.625 124.625 377.1 377.1 | |
| Laguna – 128.6 128.15 125.65 125.65 121.5 121.5 119.95 369.9 354.1 346.4 346.4 291.7 285.6 277.4 | |
| 243.0 243.0 | |
| Lebec – 135.3 128.375 372.0 263.0 | |
| Mount Potosi – 132.625 124.625 124.625 121.5 121.5 377.1 377.1 369.9 352.05 243.0 243.0 | |
| Needles – 121.5 121.5 243.0 243.0 | |
| Nelson – 134.65 128.075 127.35 124.85 124.2 118.025 360.65 346.3 343.6 323.2 319.2 317.4 | |
| Ontario – 125.65 346.4 | |
| Palmdale – 132.5 125.275 121.5 121.5 351.675 284.7 243.0 243.0 | |
| Peach Springs – 128.075 323.2 | |
| Pleasants Peak – 132.85 125.275 119.95 351.7 322.4 277.4 | |
| Riverside – 126.35 290.2 | |
| Saddle Peak – 132.6 125.8 351.8 307.1 | |
| San Luis Obispo – 119.05 269.5 | |
| Santa Barbara – 135.5 132.15 126.525 121.5 121.5 119.05 346.3 338.3 327.1 269.5 | |
| Santa Catalina – 134.575 354.1 | |
| Santa Maria – 121.9 | |
| Seligman – 133.2 124.85 348.65 319.2 | |
| Tonopah – 124.625 377.1 | |
| Twentynine Palms – 133.2 128.15 126.35 121.5 121.5 348.65 290.2 285.6 243.0 243.0 | |
| Whittier – 125.275 351.7 | |
| Yuma – 126.775 307.8 | |

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| ® OAKLAND CENTER – 121.5 121.5 243.0 243.0 | H-3-4, L-2-3-7-9-11, A-2 |
| Angels Camp – 134.375 132.95 127.95 126.85 121.25 119.75 327.0 322.55 316.1 296.7 296.7 284.6 | (KZOA) |
| 281.5 257.85 | |
| Bishop – 125.75 284.65 | |
| Fallon – 134.45 128.8 121.5 121.5 296.7 296.7 285.5 269.3 243.0 243.0 | |
| Ferndale – 134.15 134.15 355.6 355.6 | |
| Fresno – 134.375 133.7 132.8 126.9 123.8 353.8 319.1 296.7 296.7 285.4 281.5 257.2 | |
| Half Moon Bay – 134.15 134.15 127.45 125.45 119.475 357.6 355.6 355.6 307.3 225.4 | |
| Hollister – 127.45 357.6 | |
| Lovelock – 121.5 121.5 | |
| Mina – 132.05 127.175 125.75 323.175 284.65 273.45 | |
| Mount Tamalpais – 127.8 353.5 296.7 | |
| Paso Robles – 121.5 121.5 | |
| Priest – 134.55 133.7 132.8 128.7 319.1 307.0 290.5 285.4 257.2 | |
| Red Bluff – 134.975 132.2 121.5 121.5 119.975 379.2 350.3 306.2 | |
| Reno – 134.45 128.8 285.5 269.3 | |
| Sacramento – 132.95 316.1 269.1 257.85 | |
| San Luis Obispo – 128.7 307.0 | |
| South Lake Tahoe – 134.3 | |
| Squaw Valley – 127.95 | |
| Tonopah – 132.05 125.75 284.65 273.45 | |
| Ukiah – 134.975 132.2 127.8 121.5 121.5 119.975 379.2 353.5 350.3 306.2 | |

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| ® SALT LAKE CITY CENTER – 121.5 121.5 243.0 243.0 | H-1-2-3, L-9-11-12-13-14 |
| Ashton – 132.4 128.35 128.35 338.3 239.25 239.25 | (KZLC) |
| Baker – 128.05 121.5 121.5 306.95 | |
| Battle Mountain – 132.25 128.725 352.0 338.35 243.0 243.0 | |
| Big Piney – 128.35 128.35 121.5 121.5 239.25 239.25 | |
| Billings – 127.75 127.75 351.9 351.9 | |
| Blackfoot – 128.35 128.35 364.8 239.25 239.25 | |
| Bliss – 128.55 121.15 118.05 379.1 363.0 | |
| Boise – 118.05 363.0 269.05 243.0 243.0 | |
| Boysen – 133.25 133.25 364.8 353.5 353.5 285.6 285.6 | |
| Bozeman – 132.4 132.4 121.5 121.5 119.55 338.3 338.3 235.775 | |
| Bryce Canyon – 133.6 121.5 121.5 269.25 | |
| Burley – 118.05 363.0 | |
| Burns – 121.5 121.5 | |
| Butte – 133.4 132.4 132.4 364.8 338.3 338.3 285.4 | |
| Cascade – 121.15 399.0 | |
| Cedar City – 125.575 121.5 121.5 379.275 364.8 243.0 243.0 | |
| Conners – 121.5 121.5 | |
| Coppertown – 121.5 121.5 | |
| Cut Back – 121.5 121.5 | |
| Delta – 127.825 125.575 120.275 379.275 370.85 284.675 269.275 | |
| Elko – 132.25 128.725 121.5 121.5 364.8 352.0 338.35 | |
| Ely – 133.45 121.5 121.5 317.625 | |
| Fairfield – 135.775 133.9 127.825 370.85 284.675 257.7 | |
| Fort Bridger – 121.5 121.5 | |
| Francis Peak – 135.775 127.7 119.95 377.15 364.8 354.125 257.7 | |
| Glasgow – 126.85 126.85 121.5 121.5 305.2 305.2 | |
| Grassy Mountain – 128.55 128.55 269.175 269.175 | |
| Great Falls – 133.4 119.75 285.4 251.15 | |
| Green River – 124.35 124.35 353.5 353.5 | |
| Hanksville – 133.6 269.25 | |
| Idaho Falls – 121.5 121.5 | |
| Jackson – 133.25 133.25 285.6 285.6 | |
| Judith Mountain – 133.4 126.85 121.5 121.5 305.2 285.4 | |
| Lakeside – 133.4 119.75 285.4 251.15 | |
| Livingston – 118.975 226.675 | |
| Lovell – 133.25 133.25 285.6 285.6 | |
| Malad City – 133.8 127.7 125.925 379.25 354.125 350.35 | |
| Miles City – 132.425 132.425 126.85 126.85 121.5 121.5 364.8 317.45 317.45 305.2 305.2 | |
| Miller Peak – 133.4 121.5 121.5 119.75 119.75 285.4 251.15 251.15 | |
| Myton – 135.775 119.95 119.95 377.15 377.15 257.7 | |
| Rock Springs 2 – 121.5 121.5 | |
| Rome – 128.05 121.15 379.1 306.95 | |
| Salmon – 132.4 132.4 121.5 121.5 338.3 338.3 | |
| Sheridan – 127.75 127.75 121.5 121.5 351.9 351.9 | |
| Squaw Butte – 128.05 121.15 379.1 364.8 306.95 | |
| Sunnyside – 133.9 127.925 370.85 348.725 | |
| Tonopah – 134.525 133.45 121.5 121.5 327.05 317.625 243.0 243.0 | |
| Watford City – 126.85 126.85 305.2 305.2 | |
| Wilson Creek – 134.525 133.45 127.925 348.725 327.05 317.625 | |
| Winnemucca – 132.25 121.5 121.5 380.05 338.35 | |
| Worldan – 121.5 121.5 | |

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|---|------------------------------|
| ® SEATTLE CENTER – 121.5 121.5 243.0 243.0 | H-1-3, L-1-2-11-13 (KZSE) |
| Antelope Mountain – 124.85 306.3 | |
| Arcata – 124.85 121.5 121.5 306.3 | |
| Badger Mountain – 134.95 134.95 127.05 127.05 121.5 121.5 353.9 353.9 270.3 270.3 243.0 243.0 | |
| Beacon Hill – 127.05 127.05 120.3 120.3 353.9 273.6 273.6 | |
| Bellingham – 121.5 121.5 | |
| Cottonwood – 123.95 118.55 290.55 251.1 | |
| Crescent City – 121.5 121.5 | |
| Dallesport – 126.6 126.6 343.6 343.6 | |
| Ellensburg – 121.5 121.5 | |
| Ephrata – 121.5 121.5 | |
| Ferndale – 135.15 124.85 360.7 306.3 | |
| Fort Lawton – 127.05 127.05 353.9 353.9 | |
| Hoquiam – 128.3 121.5 121.5 269.0 | |
| Horton – 132.075 125.8 121.4 291.7 257.65 254.35 243.0 243.0 239.0 | |
| Kimberly – 135.45 281.4 | |
| Klamath Falls – 134.9 127.6 346.35 263.05 | |
| Lakeside – 123.95 290.55 | |
| Lakeview – 135.35 127.6 346.35 335.55 243.0 243.0 | |
| Larch Mountain – 128.3 128.3 126.6 126.6 343.6 343.6 269.0 269.0 | |
| Marlin – 126.1 291.6 | |
| Medford – 135.15 124.85 121.5 121.5 121.4 360.7 306.3 254.35 243.0 243.0 | |
| Mohler – 128.45 307.8 | |
| Mt Brynon – 121.5 121.5 | |
| Mullan Pass – 128.45 307.8 | |
| Nassel – 124.2 317.6 | |
| Neah Bay – 125.1 125.1 319.2 319.2 243.0 243.0 | |
| North Bend – 121.5 121.5 | |
| Redmond – 135.35 134.9 128.15 121.5 121.5 121.35 335.55 279.6 263.05 257.75 243.0 243.0 | |
| Rex-Parrett – 121.35 279.6 | |
| Scappoose – 128.15 124.2 317.6 257.75 | |
| Spokane – 123.95 119.225 335.5 290.55 243.0 243.0 | |
| Stampede Pass – 134.95 134.95 270.3 270.3 | |
| The Dalles – 135.45 121.5 121.5 119.65 281.4 257.6 | |
| Walla Walla – 121.5 121.5 | |
| Wallula – 132.6 121.5 121.5 321.3 269.35 243.0 243.0 | |
| Wenatchee – 126.1 291.6 | |
| Whidbey Island – 134.95 134.95 128.5 125.1 125.1 319.2 319.2 306.9 270.3 270.3 | |
| Yakima – 135.525 135.525 132.6 120.3 120.3 118.55 353.9 353.9 273.6 273.6 269.35 251.1 | |

VHF frequencies available at Flight Service Stations and at their remote communication outlets (RCO's) are listed below for the coverage of this volume. Frequencies in bold type are available all altitudes but recommended for use FL180 and above. 'T' indicates transmit only and 'R' indicates receive only. RCO's available at NAVAID's are listed after the NAVAID name. RCO's not at NAVAID's are listed by name.

ALBUQUERQUE RADIO

ALAMOGORDO RCO 122.15
 ALBUQUERQUE RCO 121.5 243.0 255.4 **122.55** (122.55 FREQ 122.55 AVAILABLE ALL ALTITUDES; RECOMMENDED FOR FL180 AND ABOVE.)
 ANTON CHICO VORTAC 117.8T 122.1R
 CARLSBAD RCO **122.65** (FREQ 122.65 AVBL ALL ALTS; RECOMMENDED FOR FL180 AND ABOVE.)
 CIMARRON VORTAC 116.4T 122.1R
 CLINES CORNERS RCO 122.3
 CLOVIS RCO 122.5 (0800-1600)
 CORONA VORTAC 115.5T 122.1R
 DEMING RCO 122.2
 EL PASO RCO 122.55 (FREQ 122.4 AVBL ALL ALTS; RECOMMENDED FOR FL180 AND ABOVE.)
 FARMINGTON RCO 255.4 **122.4** (FREQ 122.4 AVAILABLE ALL ALTITUDES; RECOMMENDED FOR FL180 AND ABOVE.)
 GALLUP RCO **122.6** (FREQ 122.6 AVBL ALL ALTS; RECOMMENDED FOR FL180 AND ABOVE.)
 GALLUP VORTAC 115.1T 122.1R (FREQ 122.6 AVBL ALL ALTS; RECOMMENDED FOR FL180 AND ABOVE.)
 GUADALUPE PASS RCO 121.5 122.35 243.0 255.4
 HOBBS RCO 122.2
 LAS VEGAS RCO 122.6
 ROSWELL RCO **122.45** (FREQ 122.45 AVBL ALL ALTS; RECOMMENDED FOR FL180 AND ABOVE.)
 RUIDOSO RCO 122.25
 SANTA FE RCO 122.2
 SILVER CITY VOR/DME 110.8T 122.1R
 SOCORRO VORTAC 116.8T 122.1R
 TAOS RCO 122.25
 TAOS VORTAC 117.6T 122.1R
 TRUTH OR CONSEQUENCES RCO 122.2
 TRUTH OR CONSEQUENCES RCO 121.5 243.0 255.4
 TUCUMCARI VORTAC 122.35 (FREQ 122.35 AVBL ALL ALTS; RECOMMENDED FOR FL180 AND ABV.)
 ZUNI RCO 121.5 122.05 243.0 255.4

CEDAR CITY RADIO

ABAJO PEAK RCO 122.55
 BONNEVILLE VORTAC 112.3T 122.1R
 BRYCE CANYON RCO 122.2
 BULLFROG BASIN RCO **122.4** (FREQ 122.4 AVBL ALL ALTS; RECOMMENDED FOR FL180 AND ABOVE.)
 CARBON VOR/DME 122.2
 CEDAR CITY RCO 122.2 122.6 255.4
 DELLE RCO **122.5** (122.5 FREQ 122.5 AVBL ALL ALTS; RECOMMENDED FOR FL180 AND ABOVE.)
 DELTA VORTAC 122.55
 FAIRFIELD RCO 122.25
 FRANCIS PEAK RCO 122.2
 HALLS CROSSING RCO 122.4
 HANKSVILLE VORTAC 122.65
 LUCIN VORTAC 113.6T 122.1R
 MILFORD VORTAC 112.1T 122.1R
 MOAB RCO 122.3
 MYTON VOR/DME 112.7T 122.1R
 OGDEN RCO 122.45
 RICHFIELD RCO **122.5** (FREQ 122.5 AVBL ALL ALTS; RECOMMENDED FOR FL180 AND ABOVE.)
 SALT LAKE CITY RCO 122.4
 ST GEORGE RCO 122.5
 VERNAL RCO 122.35

DENVER RADIO

AKRON RCO 122.075 (NO GIM HOURS)
ALAMOSA VORTAC 122.15
BADGER MOUNTAIN RCO 122.2
BLACK FOREST VOR/DME 122.25
BLUE MESA RCO 122.55
CORTEZ RCO 122.3
DENVER RCO 123.65
DENVER RCO 122.2 122.35 255.4
DOVE CREEK VORTAC 122.5
DURANGO VOR/DME 122.35 (FREQ 122.35 AVBL ALL ALTS; RECOMMENDED FOR FL180 AND ABOVE.)
EAGLE RCO 122.2
FORT COLLINS/LOVELAND RCO 122.4
GILL VOR/DME 122.65
GLENWOOD SPRINGS RCO 122.2 (0600-2200)
GRAND JUNCTION RCO 122.6 (24 HRS)
GRAND MESA RCO 122.2 (24 HRS)
HAYDEN RCO 122.25
KREMMLING RCO 122.3
LA JUNTA RCO 255.4 **122.6** (FREQ 122.6 AVBL ALL ALTS; RECOMMENDED FOR FL180 AND ABOVE.)
LIMON RCO 122.475
MEEKER RCO 122.15
MONTROSE RCO 122.65
PUEBLO RCO 122.2
RANGELY RCO 122.650
RED TABLE MOUNTAIN RCO 122.4
RIFLE RCO 122.5 (0600-2200)
STEAMBOAT SPRINGS RCO 122.2 (24 HRS)
TELLURIDE RCO 122.15
TRINIDAD RCO 122.2
TRINIDAD RCO 255.4 (NO GIM HOURS)

HAWTHORNE RADIO

BURBANK RCO 122.35
FILLMORE VORTAC 112.5T 122.1R (0530-0000)
GUADALUPE VOR 111.0T 122.1R
HAWTHORNE RCO 122.2 122.5 243.0 255.4
PASO ROBLES RCO 122.4 255.4
SAN MARCUS VORTAC 114.9T 122.1R 122.3

OAKLAND RADIO 10057 CENTRAL EAST PACIFIC FAMILY ONE 11282 CENTRAL EAST PACIFIC FAMILY TWO 13288
CENTRAL EAST PACIFIC FAMILY ONE 13288 CENTRAL EAST PACIFIC FAMILY TWO 17904 CENTRAL EAST PACIFIC
FAMILY ONE 17904 CENTRAL EAST PACIFIC FAMILY TWO 2869 CENTRAL EAST PACIFIC TWO 3413 CENTRAL EAST
PACIFIC FAMILY ONE 5547 CENTRAL EAST PACIFIC FAMILY ONE 5547 CENTRAL EAST PACIFIC TWO 6673 CENTRAL
EAST PACIFIC FAMILY TWO 8843 CENTRAL EAST PACIFIC ONE

ARCATA RCO 122.6
CRESCENT CITY RCO 122.3
EUREKA RCO 122.35
GARBERVILLE RCO 122.3
MOUNT TAMALPAIS RCO 122.35 (FREQ 122.35 AVBL ALL ALTS; RECOMMENDED FOR USE FL 180 AND ABOVE.)
MOUNTAIN VIEW RCO 122.5 (FREQ 122.5 AVBL ALL ALTS; RECOMMENDED FOR USE FL 180 AND ABOVE.)
OAKLAND RCO 255.4 **122.5** (122.5 FREQ 122.5 AVAILABLE ALL ALTITUDES; RECOMMENDED FOR FL180 AND ABOVE.)
POINT ARENA RCO 122.6
SALINAS RCO 122.6 255.4 (FREQ 122.6 AVBL ALL ALTS; RECOMMENDED FOR USE FL 180 AND ABOVE.)
UKIAH RCO 122.35 (FREQ 122.35 AVBL ALL ALTS; RECOMMENDED FOR USE FL 180 AND ABOVE.)

PRESCOTT RADIO

AJO RCO 122.65 (RCO LCTD ATOP CHILDS MOUNTAIN.)
 BAGDAD RCO 122.5
 BISBEE RCO 122.4
 BLACK METAL PEAK RCO 122.550
 BUCKEYE VORTAC 110.6T 122.1R
 DOUGLAS RCO 121.5 122.6 255.4
 FLAGSTAFF VOR/DME 113.9T 123.65R
 GILA BEND VORTAC 116.6T 122.1R (122.1R 116.6T (PRESCOTT RADIO).)
 GLOBE RCO 122.3
 GRAND CANYON RCO 123.65
 KAYENTA RCO 122.45 (FREQ 122.45 ALSO AVBL AT THE FOLLOWING AIRPORTS: FLAGSTAFF PULLIAM; GANADO;
 GREASEWOOD; TOYEI SCHOOL; HOLBROOK MUNI; MARBLE CANYON; PAGE)
 KINGMAN VOR/DME 108.8T 122.1R
 MINGUS MOUNTAIN RCO 122.3 (FREQ 122.3 AVAILABLE ALL ALTITUDES; RECOMMENDED FL180 AND ABOVE.)
 MOUNT LEMMON RCO 122.4
 NEEDLES VORTAC 115.2T 122.1R
 NOGALES VOR/DME 122.4
 PAGE RCO 122.6
 PEACH SPRINGS VOR/DME 122.25
 PHOENIX RCO 122.2 122.6 255.4
 PRESCOTT RCO 255.4
 SAFFORD RCO 122.3
 ST JOHNS VORTAC 112.3T 122.1R
 STANFIELD VORTAC 114.8T 122.1R
 TUBA CITY VORTAC 113.5T 122.05R (122.05R 113.5T (PRESCOTT RADIO).)
 TUCSON RCO 122.2
 WINSLOW RCO 122.6 255.4 (FREQ 122.6 ALSO AVBL AT THE FOLLOWING AIRPORT: HOLBROOK MUNI.)
 YUMA RCO 122.2

RANCHO MURIETA RADIO

ANGELS CAMP RCO **122.3** (FREQ 122.3 AVBL ALL ALTS; RECOMMENDED FOR FL180 & ABV.)
 ANTELOPE MTN RCO 122.4 255.4 (FREQ 122.4 AVBL AT THE FOLLOWING AIRPORTS: MONTAGUE-YREKA ROHRER FLD
 AND SISKIYOU CO.)
 BAKERSFIELD RCO 255.4 **122.45** (FREQ 122.45 AVBL ALL ALTITUDES; RECOMMENDED FOR USE FL180 & ABV.)
 CHICO VOR/DME 109.8T 122.1R (0600-2200)
 EL NIDO VOR/DME 114.2T 122.1R
 FALL RIVER MILLS RCO 122.4 (0600-2200)
 FELLOWS VOR/DME 117.5T 122.1R
 FORT JONES VOR/DME 109.6T 122.1R (0600-2200)
 FRESNO RCO 122.55 255.4 (FREQ 122.55 AVBL ALL ALTITUDES; RECOMMENDED FL180 & ABV.)
 GORMAN VORTAC 116.1T 122.1R
 HANGTOWN VOR/DME 115.5T 122.1R
 MARYSVILLE VOR/DME 110.8T 122.1R 122.6
 MODESTO VOR/DME 114.6T 122.1R
 PANOCHÉ VORTAC 112.6T 122.1R (0600-2200)
 QUINCY RCO 122.4 (0600-2200)
 RANCHO MURIETA RCO 122.2 255.4
 RED BLUFF RCO 255.4 **122.4** (FREQ 122.4 AVBL ALL ALTITUDES; RECOMMENDED FOR FL180 & ABOVE.)
 REDDING VOR/DME 108.4T 122.1R (0600-2200)
 SACRAMENTO RCO **122.05** (FREQ 122.05 AVBL ALL ALTS; RECOMMENDED FOR USE FL180 AND ABV.)
 STOCKTON RCO 122.65 255.4 (FREQ 122.4 AVBL ALL ALTS; RECOMMENDED FL180 & ABOVE.)
 TULE VOR/DME 109.2T 122.1R (0600-2200)
 VISALIA VOR/DME 109.4T 122.1R
 WEAVERVILLE RCO 122.4 (0600-2200)

RENO RADIO

BEATTY VORTAC 114.7T 122.1R
COALDALE VORTAC 117.7T 122.1R
CURRANT RCO 122.3
ELKO RCO 122.6
ELY RCO 122.2 255.4
EUREKA RCO 122.3
HAZEN VORTAC 114.1T 122.1R
JACKPOT RCO 122.5
LAS VEGAS RCO 122.4
LOVELOCK RCO 122.4
MINA VORTAC 115.1T 122.1R
MORMON MESA VORTAC 114.3T 122.1R
MOUNT LEWIS RCO 122.65 (FREQ 122.65 AVAILABLE ALL ALTITUDES; RECOMMEND FOR FL180 AND ABOVE.)
MOUNT POTOSI RCO 122.35
RENO RCO 122.2 122.5 255.4
SOD HOUSE VORTAC 122.6
SQUAW VALLEY VOR/DME 122.25
TONOPAH RCO 122.6
WELLS VOR 114.2T 122.1R
WILSON CREEK VORTAC 116.3T 122.1R
WINNEMUCCA RCO 122.3

RIVERSIDE RADIO

BARSTOW RCO 122.3
BISHOP VOR/DME 122.6
BLYTHE RCO 122.4 255.4
DAGGETT RCO 122.2 255.4
FURNACE CREEK RCO 122.2 255.4
GOFFS VORTAC 114.4T 122.05R
HECTOR VORTAC 112.7T 122.1R
HOMELAND VOR 113.4T 122.1R
LANCASTER RCO 122.2 (2200-0500)
MAMMOTH RCO 122.15
NEEDLES RCO 122.2 255.4
PALM SPRINGS VORTAC 115.5T 122.1R
PARKER VORTAC 117.9T 122.1R
POMONA RCO 123.65
RAND MOUNTAIN RCO 122.4 (0500-2200)
RIVERSIDE RCO 122.05 122.2 255.4
SANTA ANA RCO 122.45
THERMAL RCO **122.3** (FREQ 122.3 AVAILABLE ALL ALTITUDES; RECOMMENDED FOR FL180 AND ABOVE.)
TWENTYNINE PALMS VORTAC 114.2T 122.1R

SAN DIEGO RADIO

BARD VORTAC 116.8T 122.1R
IMPERIAL RCO 122.5 (NO GIM HOURS)
IMPERIAL VORTAC 115.9T 122.1R
JULIAN VORTAC 123.65
MONTGOMERY RCO 122.2 122.4 255.4
OCEANSIDE VORTAC 115.3T 122.1R
YUMA RCO 122.6 (RCO SIGNAL IS BEAMED TOWARD MEXICO.)

Below is a list of FSDO's in the area of coverage of this directory. These offices serve the aviation industry and the general public on matters relating to certification and operation of general aviation aircraft. Address letters to Manager, Flight Standards District Office—Federal Aviation Administration.

ARIZONA

17777 N. Perimeter Drive, Suite 101
Scottsdale, AZ 85255
Telephone: 480-419-0111
Fax: 480-419-0800

CALIFORNIA

Fresno Air Terminal
4955 E. Anderson, Suite #110
Fresno, CA 93727-1573
Telephone: 559-454-0286
Fax: 559-454-8808

5001 Airport Plaza Drive, Suite #100
Long Beach, CA 90815
Telephone: 562-420-1755
Fax: 565-420-6765

2250 E. Imperial Highway, Suite #140
El Segundo, CA 90245
Telephone: 310-215-2150
Fax: 310-645-3768

1420 Harbor Bay Parkway, Suite 280
Alameda, CA 94502-7083
Telephone: 510-748-0122
Fax: 510-748-9559

6961 Flight Rd.
Riverside, CA 92504
Telephone: 951-276-6701
Fax: 951-689-4309

1102 Corporate Way, Suite 200
Sacramento, CA 95831
Telephone: 916-422-0272
Fax: 916-422-0462

8525 Gibbs Drive, Suite 120
San Diego, CA 92123
Telephone: 858-502-9882
Fax: 858-502-9985

Los Angeles IFO
15000 Aviation Boulevard
Lawndale, CA 90261
Telephone: 310-725-7330
Fax: 310-725-6679

1250 Aviation Ave., Suite 295
San Jose, CA 95110-1130
Telephone: 408-291-7681
Fax: 408-279-5448

16501 Sherman Way, Suite 330
Van Nuys, CA 91406
Telephone: 818-904-6291
Fax: 818-786-9732

COLORADO

26805 E. 68th Avenue, Suite 200
Denver, CO 80249-6339
Telephone: 800-847-3808

NEVADA

7181 Amigo Street, Suite 180
Las Vegas, NV 89119
Telephone: 702-269-1445
Fax: 702-269-8013

5466 Longley Lane
Reno, NV 89511
Telephone: 775-858-7700
Fax: 775-858-7737

NEW MEXICO

1601 Randolph Road SE, Suite 200N
Albuquerque, NM 87106
Telephone: 505-764-1200
1-800-531-1124
Fax: 505-764-1233

UTAH

1020 North Flyer Way
Salt Lake City, UT 84116
Telephone: 801-257-5020
Fax: 801-257-5066

The use of VOR airborne and ground checkpoints is explained in Aeronautical Information Manual, Basic Flight Information and ATC Procedures.

NOTE: Under columns headed "Type of Checkpoint" & "Type of VOT Facility" G stands for ground, A/ stands for airborne followed by figures (2300) or (1000-3000) indicating the altitudes above mean sea level at which the check should be conducted. Facilities are listed in alphabetical order, in the state where the checkpoints or VOTs are located.

ARIZONA
VOR RECEIVER CHECKPOINTS

| Facility Name (Airport Name) | Freq/Ident | Type Check Pt. Gnd. AB/ALT | Azimuth from Fac. Mag. | Dist. from Fac. N.M. | Checkpoint Description |
|---|------------|----------------------------|------------------------|----------------------|---|
| Bard | 116.8/BZA | A/2000 | 242 | 5.9 | Over interstate 8 freeway crossing canal. |
| Drake (Ernest A. Love Fld)..... | 114.1/DRK | A/7000 | 124 | 5.0 | Over apch end Rwy 30. |
| Flagstaff (Pulliam)..... | 113.85/FLG | A/8000 | 033 | 6.5 | Over red and white square twr. |
| Fort Huachuca (Sierra Vista Muni/Libby AAF) | 113.6/FHU | G | 80 | 1.3 | Runup area Twy G at 26 end. |
| Kingman (Kingman) | 108.8/IGM | G | 220 | 1.0 | Center of runup area apch end Rwy 03. |
| Page (Page Muni)..... | 117.6/PGA | G | 168 | 0.8 | On Twy a runup near Rwy 33. |
| Tucson (Tucson Intl) | 116.0/TUS | G | 318 | 0.7 | On runup pad Northeast of Twy A17. |
| Willie (Phoenix-Mesa Gateway) | 113.3/IWA | G | 124 | 0.6 | On Twy P runup area Rwy 30C. |
| | 113.3/IWA | G | 299 | 1.4 | On Twy G between Rwy 12R and Rwy 12C. |
| Winslow (Winslow-Lindbergh Rgnl) | 112.6/INW | A/7000 | 106 | 5.0 | Over apch end Rwy 29. |

VOR TEST FACILITIES (VOT)

| Facility Name (Airport Name) | Freq. | Type, VOT Facility | Remarks |
|--------------------------------------|-------|--------------------|---------|
| Phoenix Sky Harbor Intl | 109.0 | G | |
| Prescott (Ernest A. Love Fld) | 110.0 | G | |

CALIFORNIA
VOR RECEIVER CHECKPOINTS

| Facility Name (Airport Name) | Freq/Ident | Type Check Pt. Gnd. AB/ALT | Azimuth from Fac. Mag. | Dist. from Fac. N.M. | Checkpoint Description |
|---|------------|----------------------------|------------------------|----------------------|--|
| Arcata (Arcata) | 110.2/ACV | G | 150 | 0.8 | At apch end Rwy 32 runup area. |
| Chico (Chico Muni) | 109.8/CIC | G | 302 | | Runup area Rwy 13L. |
| Clovis (Fresno Yosemite Intl) | 112.9/CZQ | A/1400 | 130 | 7.2 | Over apch end Rwy 11L. |
| Compton Woodley | 113.6/LAX | A/1000 | 091 | 10.0 | Over apch end Rwy 25L. |
| Concord (Buchanan Field) | 117.0/CCR | A/1200 | 172 | | Over apch end Rwy 19L. |
| Daggett (Barstow-Daggett) | 113.2/DAG | A/2800 | 223 | 11.7 | Over apch end Rwy 22. |
| El Nido (Merced Rgnl/Macready Fld) | 114.2/HYP | A/1200 | 290 | | Over apch end Rwy 30. |
| Fortuna (Murray Fld) | 114.0/FOT | A/1500 | 015 | 9.6 | Over apch end Rwy 11. |
| Fortuna (Rohnerville) | 114.0/FOT | A/1400 | 130 | 8.2 | Over apch end Rwy 11. |
| Guadalupe (Santa Maria Pub/Capt G Allan Hancock Fld) | 111.0/GLJ | A/1200 | 118 | 5.1 | Over apch end of Rwy 30. |
| Hangtown (Placerville) | 115.5/HNW | A/5200 | 076 | | Dam on west end of lake. |
| Imperial (Imperial County) | 115.9/IPL | A/1500 | 313 | 5.7 | Over apch end Rwy 32. |
| Lake Hughes (General Wm J. Fox Afd) | 108.4/LHS | G | 065 | 18.1 | On the main ramp at East terminal gas pit. |
| Los Alamitos AAF | 115.7/SLI | G | 016 | 0.8 | Runup area Rwy 22R. |
| | 115.7/SLI | G | 028 | 1.1 | Runup area Rwy 22L. |

VOR RECEIVER CHECKPOINTS and VOR TEST FACILITIES

| Facility Name (Airport Name) | Freq/Ident | Type Check Pt. Gnd. AB/ALT | Azimuth from Fac. Mag. | Dist. from Fac. N.M. | Checkpoint Description |
|--|------------|--|---------------------------------|-------------------------------|--|
| Modesto (Modesto City-Co-Harry Sham Fld) | 115.7/SLI | G | 284 | 0.5 | Twy C at Rwy 4R. |
| Palmdale (General Wm. J. Fox Airfield) | 114.5/PMD | A/5000 | 296 | 10.1 | Over center taxiway/runway intersection. |
| Paso Robles (Paso Robles Muni) | 114.3/PRB | G | 247 | 0.4 | Transient parking ramp front of terminal. |
| Pomona (Cable) | 110.4/POM | A/3500 | 053 | 5.1 | Over apch end of Rwy 06. |
| Red Bluff | 115.7/RBL | A/1500 | 358 | 5.8 | Over the center of Red Bluff Fairgrounds Race Track. |
| Redding (Redding Muni) | 108.4/RDD | G | 308 | 0.5 | On ramp adjacent to Twy M1 at compass rose. |
| Sacramento (McClellan Airfield) | 109.2/MCC | G | 358 | | Twy A at apch end of Rwy 16. |
| | 109.2/MCC | G | 015 | 0.4 | On Taxiway B. |
| Sacramento (Sacramento Executive) | 115.2/SAC | A/1000 | 016 | 4.4 | Over apch end Rwy 02. |
| Salinas (Salinas Muni) | 117.3/SNS | G | 247 | 0.4 | Intersection of Twys C and D. |
| San Francisco (San Francisco Intl) | 115.8/SFO | A/2000 | 153 | 6.7 | Over Crystal Springs causway 5 NM West of San Carlos arpt. |
| San Jose (Norman Y. Mineta San Jose Intl) | 114.1/SJC | G | 125 | 1.4 | On runup area Twy W and D. |
| Santa Barbara | 114.9/RZS | A/2000 | 279 | 11 | Over Lake Cachuma Dam spillway. |
| Santa Barbara (Santa Barbara Muni) | 114.9/RZS | G | 197 | 5.8 | At intersection of Twy D and H. |
| Santa Rosa (Charles M. Schulz-Sonoma Co) | 113.0/STS | A/2000 | 323 | 5.9 | River bridge on Highway 101. |
| | 113.0/STS | G | 121 | 0.5 | Runup Rwy 32. |
| | 113.0/STS | G | 344 | 0.4 | Runup Rwy 14. |
| Scaggs Island (Napa County) | 112.1/SGD | A/1000 | 047 | 5.4 | Over rotating beacon. |
| Thermal (Jacqueline Cochran Rgnl) | 116.2/TRM | G | 329 | 0.3 | On centerline of twy 375' in front of hangar. |
| Van Nuys | 113.1/VNY | G | 169 | 0.5 | At intersection of Twy D and Twy A. |
| | 113.1/VNY | G | 161 | 1.6 | On West runup area Rwy 34L. |
| | 113.1/VNY | G | 142 | 0.4 | Runup area Rwy 16L. |
| Ventura (Camarillo) | 108.2/VTU | G | 330 | 6.1 | Runup Rwy 26. |
| | 108.2/VTU | G | 320 | 6.5 | Runup Rwy 08. |
| Ventura (Oxnard) | 108.2/VTU | G | 289 | 9.0 | On parallel Twy W of Rwy 25 runup area. |
| Visalia (Visalia Muni) | 109.4/VIS | A/1300 | 107 | 5.0 | Over apch end Rwy 12. |
| Woodside (Hayward Executive) | 113.9/OSI | G | 009 | | Runup area Rwy 28L. |
| Woodside (San Carlos) | 113.9/OSI | A/2000 | 355 | 7.2 | Over Rwy 30 numbers. |

VOR TEST FACILITIES (VOT)

| Facility Name (Airport Name) | Freq. | Type, VOT Facility | Remarks |
|--|-------|-----------------------|--|
| Bakersfield (Meadows Fld) | 111.2 | G | |
| Hawthorne (Jack Northrop Fld/Hawthorne Muni) | 113.9 | G | Unusable on South taxiway. |
| Long Beach (Daugherty Field) | 113.9 | G | Unusable all areas except runup Rwy 25L at Twy J, runup Rwy 25R. |
| Los Angeles Intl | 113.9 | G | Unusable all areas except intersection of Twy C and Twy C10. |
| Sacramento Executive | 111.4 | G | |
| Sacramento Intl | 111.4 | G | |
| San Diego (EL Cajon) (Gillespie Fld) | 110.0 | G | |
| San Diego (Mount Soledad) (San Diego Intl) | 109.0 | G | Unusable all areas except Twy B4. |
| San Diego (Mount Soledad) (Montgomery) | 109.0 | G | Unusable all areas except runup areas for Rwys 05, 28L, 28R. |
| San Diego (Mount Soledad) (North Island NAS-Halsey Fld) | 109.0 | G | Unusable all areas except runup areas for Rwys 18 and 29. |
| San Francisco Intl | 111.0 | G | |
| Santa Ana (John Wayne Airport/Orange Co) | 110.0 | G | |
| Santa Monica Muni | 113.9 | G | Unusable all areas except runup areas for Rwys 03 and 21. |
| Torrance (Zamperini Fld) | 113.9 | G | |

COLORADO

VOR RECEIVER CHECKPOINTS

| Facility Name (Airport Name) | Freq/Ident | Type Check Pt. Gnd. AB/ALT | Azimuth from Fac. Mag. | Dist. from Fac. N.M. | Checkpoint Description |
|--------------------------------------|------------|--|---------------------------------|-------------------------------|--|
| Akron | 114.4/AKO | A/6000 | 179 | 7.0 | Over lgtd twr. |
| Cortez (Cortez Muni) | 108.4/CEZ | A/7000 | 196 | 5.5 | Over apch end Rwy 21. |
| Durango (Durango-La Plata Co) | 108.2/DRO | G | 215 | 1.0 | Runup area Rwy 03. |
| Hayden (Craig-Moffat) | 115.6/CHE | A/7200 | 248 | 9.6 | Over apch end Rwy 25. |
| Pueblo (Pueblo Memorial) | 116.7/PUB | G | 254 | 3.8 | On painted circle with arrow on runup pad S side apch end Rwy 08L. |
| | 116.7/PUB | A/7300 | 299 | 7.8 | Over KOAA TV twr, 5.4 NM of arpt. |

VOR TEST FACILITIES (VOT)

| Facility Name (Airport Name) | Freq. | Type, VOT Facility | Remarks |
|---------------------------------|-------|-----------------------|---|
| Colorado Springs | 110.4 | G | |
| Denver (Centennial) | 108.2 | G | VOT unusable east of Twy C-4. |
| Denver International | 110.0 | G | VOT unusable in terminal area N of Twy AA to Twy BN and W Twy L to Twy F. |

VOR RECEIVER CHECKPOINTS and VOR TEST FACILITIES

NEVADA

VOR RECEIVER CHECKPOINTS

| Facility Name (Airport Name) | Freq/Ident | Type Check Pt. Gnd. AB/ALT | Azimuth from Fac. Mag. | Dist. from Fac. N.M. | Checkpoint Description |
|---------------------------------------|------------|--|---------------------------------|-------------------------------|---|
| Bullion (Elko Rgnl) | 114.5/BQU | A/7000 | 343 | 5.1 | Over center of race track. |
| Ely (Ely Arpt/Yelland Fld) | 110.6/ELY | G | 059 | | Intersection of Twy A and Twy B. |
| Mustang (Reno/Stead) | 117.9/FMG | A/7000 | 291 | 12.8 | Over atct. |
| Silverbow (Tonopah Test Range) | 117.2/TPH | G | 113 | | Twy A.(Reno/Stead) |
| Wells (Wells Muni/Harriet Fld) | 114.2/LWL | A/7000 | 286 | 8.3 | Over radio twr. |
| Winnemucca Muni | 108.2/INA | A/6000 | 024 | 6.5 | Over highway bridge crossing railroad tracks. |
| | 108.2/INA | G | 134 | 0.8 | Runup area Rwy 32. |

VOR TEST FACILITIES (VOT)

| Facility Name (Airport Name) | Freq. | Type, VOT Facility | Remarks |
|------------------------------------|-------|-----------------------|---------|
| Las Vegas (North Las Vegas) | 108.2 | G | |

NEW MEXICO

VOR RECEIVER CHECKPOINTS

| Facility Name (Airport Name) | Freq/Ident | Type Check Pt. Gnd. AB/ALT | Azimuth from Fac. Mag. | Dist. from Fac. N.M. | Checkpoint Description |
|---|------------|-------------------------------------|---------------------------------|-------------------------------|---|
| Las Vegas (Las Vegas Muni) | 117.3/FTI | A/8500 | 233 | 6.0 | Over yellow water tank. |
| Roswell (Roswell Intl Air Center) | 116.1/CME | G | 100 | 5.2 | On middle of W ramp adjacent to twy. |
| Santa Fe (Santa Fe Co Muni) | 110.6/SAF | G | 334 | 4.7 | At junction main intersection of twy and ramp. (Checkpoint unusable). |
| Silver City (Grant Co) | 110.8/SVC | G | 100 | 0.9 | Twy entrance to Rwy 26 just West of approach end. |
| Texico (Clovis Muni) | 112.2/TXO | A/6000 | 240 | 12.7 | Over rotating beacon on steel twr adjacent to terminal bldg. |
| Truth or Consequences (Truth or Consequences Muni) | 112.7/TCS | G | 154 | 3.1 | On Twy A 2000' from AER 31. |
| Tucumcari (Tucumcari Muni) | 113.6/TCC | G | 258 | 0.5 | 100' in front of terminal on twy. |

VOR TEST FACILITIES (VOT)

| Facility Name (Airport Name) | Freq. | Type, VOT Facility | Remarks |
|----------------------------------|-------|-----------------------|----------------------------------|
| Albuquerque Intl. Sunport | 111.0 | G | VOT unusable North of Rwy 08-26. |

UTAH

VOR RECEIVER CHECKPOINTS

| Facility Name (Airport Name) | Freq/Ident | Type Check Pt. Gnd. AB/ALT | Azimuth from Fac. Mag. | Dist. from Fac. N.M. | Checkpoint Description |
|-------------------------------------|------------|-------------------------------------|---------------------------------|-------------------------------|--------------------------|
| Cedar City (Cedar City Rgnl) | 117.3/EHK | A/6500 | 177 | 4.7 | Over apch end Rwy 20. |
| Delta (Delta Muni) | 116.1/DTA | A/6000 | 346 | 5.3 | Over apch end of Rwy 17. |
| Provo (Provo Muni) | 108.4/PVU | G | 180 | 0.4 | Runup area Twy D. |
| | 108.4/PVU | G | 331 | 0.7 | Runup area Twy B. |
| Vernal (Vernal Rgnl) | 108.2/VEL | A/8000 | 291 | 6.5 | Over towers on knoll. |

VOR TEST FACILITIES (VOT)

| Facility Name (Airport Name) | Freq. | Type, VOT Facility | Remarks |
|---------------------------------|-------|-----------------------|---------|
| Salt Lake City Intl | 111.0 | G | |

PARACHUTE JUMPING AREAS

The following tabulation lists all reported parachute jumping areas in the area of coverage of this directory. Unless otherwise indicated, all activities are conducted during daylight hours and under VFR conditions. NOTAM D's may be issued to advise users of specific dates and times if outside the times/altitudes that are published. The busiest periods of activity are normally on weekends and holidays, but jumps can be expected at anytime during the week at the locations listed. Parachute jumping areas within restricted airspace are not listed.

All times are local and altitudes MSL unless otherwise specified.

Contact facility and frequency is listed at the end of the remarks, when available, in bold face type.

Refer to Federal Aviation Regulations Part 105 for required procedures relating to parachute jumping.

Organizations desiring listing of their jumping activities in this publication should contact the nearest FSS, tower, or ARTCC.

Qualified parachute jumping areas will be depicted on the appropriate visual chart(s).

Note: (c) in this publication indicates that the parachute jumping area is charted.

To qualify for charting, a jump area must meet the following criteria:

(1) Been in operation for at least 1 year.

(2) Log 1,000 or more jumps each year.

In addition, parachute jumping areas can be nominated by FAA Regions if special circumstances require charting.

| LOCATION | DISTANCE AND RADIAL FROM NEAREST VOR/VORTAC | MAXIMUM ALTITUDE | REMARKS |
|---|--|---------------------|---|
| ARIZONA | | | |
| (c) Buckeye Muni | 8 NM; 089° Buckeye | 14,000 | 2 NM radius. Daily SR–2 hours after SS. |
| (c) Bullhead City, Eagle Airpark | 10 NM; 300° Needles | 15,000 | 3 NM radius. Daily 0645–1835. |
| (c) Casa Grande Muni | 9 NM; 041° Stanfield | 12,000 AGL | 2 NM radius. Daily 0600–1700. |
| (c) Coolidge Muni | 25 NM; 070° Stanfield | 17,999 | 15 NM radius. Daily. High altitude, full canopy, free fall, and low level combat parachute jumping. Large military transports in vicinity of arpt. ALBUQUERQUE ARTCC (ZAB) 125.25. |
| (c) Cottonwood Arpt | 22 NM; 072° Drake | 14,000 | Continuous during dalgt hrs. Albuquerque Center 124.5 |
| (c) Eloy Muni | 17 NM; 094° Stanfield | 17,999 | 10 NM radius. Continuous 24-hrs (ctc unicom for PAJA advisories) other altitudes by NOTAM. ALBUQUERQUE ARTCC (ZAB) 125.25. |
| Kingman Arpt | 25 NM; 334° Kingman | 12,000 | 5 NM radius. Daily SR–SS. |
| (c) Laguna AAF/Yuma Proving Ground | 11.8 NM; 048° Bard..... | 25,000 | 5 NM radius. Continuous 24 hrs. |
| (c) Maracopa, Hidden Valley Arpt. .. | 16.7 NM; 295° Stanfield | 13,500 MSL | 3 NM radius. Daily 0700-2000. PHOENIX TRACON (P50) 123.7. |
| (c) Marana Rgnl | 25 NM; 308° Tucson | 17,999 | 15 NM radius. Continuous. Tucson Tower 125.1 |
| (c) Marana, Pinal Airpark | 33 NM; 308° Tucson | 25,000 | 15 NM radius. Continuous. |
| (c) Sawtooth Arpt | 17.71 NM; 127° Stanfield | 17,999 | 10 NM radius. Continuous 24-hrs. ALBUQUERQUE ARTCC (ZAB) 125.25. |
| Sierra Vista/Fort Huachuca | 3.5 NM; 117° Libby..... | 8,000 | 0.25 NM radius. Saturday. |
| Yuma/Yuma Proving Ground | 13 NM; 027° Bard..... | 40,000 | 1 NM radius. SR-SS, Mon-Fri. Drop zones at this location- Green, Phillips, Red. |
| CALIFORNIA | | | |
| Apple Valley Arpt | 10 NM; 073° Victorville..... | 15,000 | 2 NM radius. Daily SR–SS. |
| (c) Blythe Arpt | 2.6 NM; 044° Blythe | 24,999 | 10 NM radius. Continuous 24 hrs. Parachute training high and low levels all hrs NE quad of arpt. LOS ANGELES ARTCC (ZLA) 128.15. |
| (c) Birkland's Ranch | 12.5 NM; 339° Redding | 3,900 | 3 NM radius. May 1 thru Nov 1 yearly. |
| (c) Byron Arpt | 33 NM; 227° Linden | 15,000 | 1 NM radius. Daily SR–SS. |
| (c) California City Muni Arpt | 30 NM; 348° Palmdale..... | 17,500 | Daily SR–SS. |
| (c) Camarillo Arpt | 8.4 NM; 000° Ventura | 14,000 | 1 NM radius, usually blo 10,000', SR–SS; Listen for 1–minute call on Camarillo Twr freq. |

PARACHUTE JUMPING AREAS

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| LOCATION | DISTANCE AND RADIAL FROM NEAREST VOR/VORTAC | MAXIMUM ALTITUDE | REMARKS |
|--|---|------------------|--|
| Camp Pandleton | At field | 4,500 | Continuous. All drops made in maneuver area 1200-4500, East half of V-23/V165 btn San Clemente and Oceanside. |
| Camp Park | 16 NM; 075° Oakland | 10,000 | 0.5 NM radius. |
| (c) Cloverdale Muni Arpt..... | 18 NM; 316° Santa Rosa | 12,500 | 1 NM radius. Mon-Sun 0800-2100. |
| (c) Davis/Woodland/Winters, Yolo Co | 16.5 NM; 283° Sacramento | 13,500 | 3 NM radius. Daily SR-2300. |
| El Centro NAF | At field | 40,000 | 0700-1600 Mon-Fri. |
| (c) Fall River Mills Arpt..... | 34.4 NM; 063° Redding | 8,700 | 2 NM radius. Daily May 1-Nov 30. |
| Fort Irwin..... | 20 NM; 338° Daggett | 10,000 | Weekends, holidays and occasional weekdays. |
| (c) Hemet/Diamond Valley | 12.5 NM; 107° Homeland | 14,000 | 3 NM radius. Wed-Fri 0900-SS, Sat-Sun 0800-SS, other days and times by request. |
| (c) Lake Elsinore, Skylark Fld..... | 10.5 NM; 198° Homeland | 14,000 | 1 NM radius. Daily 0800-SS. |
| (c) Lincoln Rgnl/Karl Harder Fld | 14.7 NM; 353° McClellan | 15,000 | Daily 0800-SS. |
| (c) Lodi Arpt..... | 15 NM; 285° Linden | 15,000 | 1 NM radius. Continuous 24 hrs. Other altitudes by NOTAM. |
| (c) Lompoc Arpt..... | 20 NM; 277° Gaviota | 17,999 | 4 NM radius. SR-30 min after SS, exc Christmas day. |
| Los Alamitos AAF | At field | 1,500 AGL | Weekends and occasional weekdays. |
| (c) Madera Muni Arpt..... | 15.2 NM; 277° Clovis..... | 15,000 | 3 NM radius. Daily SR-1 hour after SS. |
| (c) Marina Muni..... | 7.6 NM; 259° Salinas..... | 12,500 | 0.5 NM radius. SR-SS Sat and Sun. |
| Murrieta, Bear Creek Arpt..... | 13 NM; 178° Homeland | 11,500 | 1 NM radius. Mon-Fri 0800-SS, Sat-Sun 0630-SS. |
| (c) Oceano, Co. Arpt | 11 NM, 140° Morro Bay | 13,500 | 3 NM radius. Daily 0700-2000. |
| (c) Oceanside, Bob Maxwell Memorial Airfield | 3.6 NM; 097° Oceanside | 13,500 | 1.5 NM radius. Daily SR-SS. LOS ANGELES ARTCC 121.1. |
| Palm Springs..... | 12 NM; 130° Palm Springs | 14,000 | 1 NM radius. Daily SR-SS. |
| (c) Perris Valley Arpt | 1 NM; 220° Homeland | 14,500 | Daily SR-SS. |
| (c) Salinas, Davis Road Drop Zone | 6 NM; 235° Salinas | 18,000 | 1 NM radius. Daily 0500-1900. |
| (c) San Diego, Beiriger Drop Zone.. | 11.5 NM; 192° Mission Bay..... | 2,800 | 1 NM radius. Continuous. Altitudes above 2800'-15000' MSL avbl upon request, (ctc SOCAL prior to entering Class B airspace). |
| (c) San Diego, Brown Fld Muni | 2.3 NM 157° Poggi | 14,000 | 2 NM radius. Mon-Fri 0800-1800. |
| (c) San Diego, Lilly Ann Drop Zone | 7 NM; 136° Mission Bay..... | 2,800 | 1 NM radius. Daily SR-SS. Altitudes above 2800'-3300' MSL avbl upon request, (ctc SOCAL prior to entering Class B airspace). |
| (c) San Diego, Otay Reservoir..... | 4.4 NM; 058° Poggi | 14,000 | 1 NM radius. Daily SR-SS. |
| (c) San Diego, Trident..... | 4 NM; 114° Poggi | 15,000 | 1 NM radius. Daily SR-SS. |
| (c) San Martin Arpt..... | 24 NM; 120° San Jose | 17,999 | 2 NM radius. Daily 0700-2200. DZ is on SW side of arpt property. All acft remain E of rwy centerline to avoid parachute activity. Northern California TRACON, 120.1. |
| Santa Maria | 5 NM; 021° Guadalupe..... | 12,500 AGL | 0900-SS, Sat, Sun and holidays. 1.5 NM NE of Northside airport. |
| (c) Santa Ynez..... | 8 NM; 293° Gaviota | 17,999 | 1 NM radius. Daily 1600-0400. |
| (c) Slate Creek..... | 30 NM; 323° Redding | 5,500 | 3 NM radius. May 1 thru Nov 1 yearly. |
| (c) San Martin | 24.22 NM; 120° San Jose..... | 17,999 | 2 NM daily 0700-2200 |
| (c) Taft Drop Zone..... | 25.7 NM; 197° Shafter..... | 13,000 | 1 NM radius. SR-SS, occasional night jumps by NOTAM. |
| Taft-Kern Co Arpt | 21 NM; 066° Fellows | 13,000 | 2 NM radius. Daily SR-SS, occasional night jumps by NOTAM. |
| (c) Tres Pinos Drop Zone | 16 NM; 045° Salinas..... | 12,500 | 1 NM radius. Daily SR-SS. |
| (c) Twentynine Palms | 12 NM; 265° Twentynine Palms.... | 12,500 | 1 NM radius, 0900-SS, Sat, Sun, and holidays. |
| (c) Watsonville Muni Arpt | 21.9 NM; 305° Salinas..... | 14,000 | 2 NM radius Daylight hrs. Northern California TRACON, 123.85. |

PARACHUTE JUMPING AREAS

| LOCATION | DISTANCE AND RADIAL FROM NEAREST VOR/VORTAC | MAXIMUM ALTITUDE | REMARKS |
|----------------------------|---|------------------|---|
| | 20.1 NM; 313° Salinas | 14,000 | 1 NM radius Daylight hrs. Northern California TRACON, 127.15. |
| (c) Wilton Drop Zone | 17.5 NM; 080° Sacramento | 1,500 AGL | Hvy equip, paratroopers. |

COLORADO

| | | | |
|--|--------------------------------|--------|---|
| Boulder Muni | 9 NM; 328° Jeffco | 18,000 | 2 NM radius. Daylight hrs. |
| (c) Brush Muni | 19.6 NM; 277° Akron | 17,700 | 2 NM radius. Daily 0800-SS. |
| (c) Canon City, Fremont County Arpt | 32.9 NM; 276° Pueblo | 17,500 | 2 NM radius. Daily 0600-2359. |
| (c) Colorado Springs, USAF Academy Airfield | 9 NM; 271° Black Forest | 17,500 | Daily SR-SS, occasionally til 2200. |
| Fort Carson | 18 NM; 199° Black Forest | 17,000 | 0.5 NM radius. Weekends and holidays. |
| (c) Fort Collins/Loveland, Northern Colorado Rgnl Arpt | 19.5 NM; 248° Gill | 17,500 | 3 NM radius. Wed-Sun SR-1 hr after SS. |
| (c) Fort Collins, Yankee Drop Zone. | 21.5 NM; 279° Gill | 17,900 | Daily SR-SS. Denver TRACON 127.05. |
| (c) Fort Morgan Muni Arpt | 31 NM; 278° Akron | 17,500 | 3 NM radius. Fri-Sun SR-SS. |
| Greeley, Easton/Valley View Arpt ... | 10.6 NM; 181° Gill | 17,900 | Daily SR-SS. Denver TRACON 127.05. |
| Greeley, Skydive the Farm | 16 NM; 308° Gill | 14,500 | 2 NM radius. Fri-Sun 0800-SS. |
| (c) Hugo, Kelly Drop Zone | 10 NM; 259° Hugo | 8,000 | 2 NM radius. Heavy equipment paratroopers possible jumps during IFR/marginal VFR. |
| (c) Longmont, Vance Brand Arpt ... | 15 NM; 346° Jeffco | 17,900 | 2 NM radius. Daily SR-2 hrs after SS. |
| (c) Trinidad, Pinon Drop Zone | 28 NM; 279° Tobe | 8,000 | 2 NM radius. Heavy equipment paratroopers possible jumps during IFR/marginal VFR. |

NEVADA

| | | | |
|--|---------------------------------|------------|---|
| (c) Boulder City Arpt. | 3 NM; 164° Boulder City | 17,000 | 0.5 NM radius. Daily SR-SS. |
| (c) El Dorado Jump Zone | 7 NM; 195° Boulder City | 17,000 | 0.5 NM radius. Daily, SR-SS. |
| Indian Springs/Creech AFB | 38 NM; 304° Las Vegas | 10,000 | 5 NM radius. Daily SR-SS. |
| (c) Jean Drop Zone | 24.1 NM; 191° Las Vegas | 15,000 | 1 NM radius. Daily SR-SS. |
| (c) Mesquite Arpt. | 11.4 NM; 054° Mormon Mesa | 17,500 | 2 NM radius. Continuous SR-SS. |
| (c) Nellis AFB, Gunfighter Drop Zone | 12.7 NM; 024° Las Vegas | 17,500 AGL | 0.3 NM radius. East of rwys. SR-SS Sat-Sun. Other times by NOTAM. |
| (c) Pahrump | 49 NM; 126° Beatty | 12,500 | Tue-Sun SR-SS |
| (c) Reno/Stead Arpt | 15 NM; 292° Mustang | 14,000 | 1.0 NM radius. Daily SR-SS. |
| (c) Tonopah Arpt. | 10 NM; 270° Tonopah | 10,000 | 1 NM radius. Daily SR-SS. |

NEW MEXICO

| | | | |
|-----------------------------------|-------------------------------|------------|---|
| Albuquerque | 6 NM; 050° Albuquerque | 18,000 | Weekends and holidays. |
| | 17 NM; 140° Albuquerque | 17,000 | SR-SS weekends. |
| | 17 NM; 345° Albuquerque | 10,000 AGL | 3 NM radius. SR-SS weekends. |
| (c) Belen, Alexander Muni | 12 NM; 346° Socorro | 16,000 | 1 NM radius. Daily SR-SS. |
| Centerfire Drop Zone | 22 NM; 128° Albuquerque | 14,500 | 3 NM radius. By NOTAM. Albuquerque Intl Sunport, 123.9. |
| Hollowman Drop Zone | 2 NM; 270° Hollowman | 3,500 AGL | SR-SS. Occasional use. Occasional night drops. |
| (c) Santa Teresa/Dona Ana Co Arpt | 22 NM; 268° El Paso | 13,000 | 1 NM radius. SR-SS Sat-Sun. S side of arpt. |

PARACHUTE JUMPING AREAS

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| LOCATION | DISTANCE AND RADIAL FROM NEAREST VOR/VORTAC | MAXIMUM ALTITUDE | REMARKS |
|---|--|---------------------|---|
| UTAH | | | |
| Camp WG Williams/Williams South Drop Zone | 8 NM; 350° Fairfield | 10,000 | 0.25 NM radius. Occasional Use. |
| (c) Canyonlands Field Arpt..... | 0.2 NM; 056° Moab | 14,000 | 5 NM radius. Daily SR-SS. Mar–Nov from official SR-SS. Parachute jumping 1500' south, southeast of Rwy 21 thld, south of hangars. |
| (c) Cedar Fort, Cedar Valley Arpt | 6.5 NM; 313° Fairfield | 17,500 | 3 NM radius. Daily SR–2300. |
| Dugway Proving Ground/Clay Flats Drop Zone | 50 NM; 118° Bonneville | 18,000 | 0.5 NM radius. Occasional Use. |
| Goshen Wells, Cedar Valley..... | 4 NM; 270° Fairfield | 10,000 | 0.25 NM radius. Occasional use. |
| Hurricane, General Dick Stout Fld . | 13 NM; 042° St George | 15,000 | 1 NM radius. Daily SR–SS. |
| Logan, Logan–Cache Arpt | 7.2 NM; 051° Brigham City..... | 15,000 | 0.5 NM radius. 0900–SS. Weekends and Holidays. |
| (c) Nephi Muni | 29.6 NM; 178° Provo | 17,999 | 3 NM radius. Mar–Nov SR–SS. |
| (c) Ogden–Hinckley | 4.6 NM; 097° Ogden | 17,999 | 1 NM radius. Daily SR–SS. |
| (c) Bolinder Fld–Tooele Valley Arpt | 24 NM; 215° Wasatch | 17,000 | 2 NM radius. Daily 1300–0600. |

Contained within this tabulation, and listed alphabetically by airport name, are all private-use airports charted on the U.S. IFR Enroute Low and High Altitude charts in the United States, having terminal approach and departure control facilities. Additionally, listed by country, are all Canadian and Mexican airports that appear on the U.S. IFR Enroute charts with approach and departure control services. All frequencies transmit and receive unless otherwise noted. Radials defining sectors are outbound from the facility.

UNITED STATES

| FACILITY NAME | CHART & PANEL |
|--|---------------------------|
| Cabaniss Fld NOLF, TX (NGW) Corpus App/Dep Con 125.4 307.9 Navy Cabaniss Tower 119.65 299.6 (Mon–Thu 1330–0500Z‡, Fri 1330–0100Z‡) | L–20H, 21A |
| Fentress NALF, VA (NFE) Oceana App/Dep Con 123.9 266.8 | H–10I, 12I, L–35D |
| Frankfort, IL (LL40) Chicago App/Dep Con 133.1 285.6 | L–28H |
| Fry, OH (Ø0H8) Columbus App/Dep Con 118.425 | L–27E |
| Gila Bend AF AUX, AZ (GXF) Luke App/Dep Con 125.45 263.125 (South) | H–4J, L–5B |
| Glasgow Industrial, MT (Ø7MT) Salt Lake Center App/Dep Con 126.85 305.2 | H–1E, 2G, L–13D |
| Joe Williams NOLF, MS (NJW) Meridian App/Dep Con 276.4 Bravo Tower 118.475 279.2 (Mon–Fri 1300–2230Z‡) | H–6J, L–18G |
| Oak Grove MCOLF, NC (13NC) Cherry Point App/Dep Con 119.35 377.175 | L–35B |
| Shell AHP, AL (SXS) Cairns App/Dep Con 133.45 239.275 (24 hrs Tue–Sat, 1200–0500Z‡ Sun–Mon) other times ctc Jax Center App/Dep Con 134.3 322.55 Shell Tower 139.125 244.5 (1230–0600Z‡ Mon–Fri, exc hol) | L–22I |
| USAF Academy Bullseye Aux Airfield, CO (CO90) ASOS 121.425 | L–10F |
| Webster NOLF, MD (NUI) Patuxent App/Dep Con 121.0 250.3 Navy Webster Tower 126.2 358.0 (Mon–Fri, exc hol, other times on request, 1400–2200Z‡ or SS, whichever occurs first) For Cinc Del when NHK Apch is clsd ctc Potomac Apch at 866–640–4124 | H–10I, 12I, L–34E, 36I |
| Whitehouse NOLF, FL (NEN) Jax Center App Con 127.775 377.075 Jax Center Dep Con 127.775 379.9 Whitehouse Tower 125.15 307.325 340.2 (Manned during scheduled operations only) | H–8H, L–21D, 24G |
| William P Gwinn, FL (Ø6FA) Palm Beach App/Dep Con 317.4 Gwinn Tower 120.4 279.25 (Mon–Fri 1300–2100Z‡) Gnd Con 121.65 279.25 | H–8I, L–23C |

CANADA

| FACILITY NAME | CHART & PANEL |
|---|---------------|
| Abbotsford, BC (CYXX) ATIS 119.8 (1500–0700Z‡) Victoria Trml App/Dep Con 132.7 (Avbl on ground) Tower 119.4 (Inner) 121.0 (Outer) 295.0 (1500–0700Z‡) Gnd Con 121.8 MF 119.4 295.0 (0700–1500Z‡) (Shape irregular to 4500´) | H–1B, L–12F |
| Amos/Magny, QC (CYEY) Montreal Center App/Dep Con 125.9 | H–11B |
| Atikokan Muni, ON (CYIB) MF 122.3 (5 NM to 4500´ No ground station) | L–14I |
| Barrie–Orillia (Lake Simcoe Rgnl), ON (CYLS) Toronto Center App/Dep Con 124.025 | H–11B, L–31D |
| Bar River, ON (CPF2) Toronto Center App/Dep Con 132.65 | L–31C |
| Bathurst, NB (CZBF) Moncton Center App/Dep Con 134.25 | L–32J |
| Boundary Bay, BC (CZBB) ATIS 125.5 (1500–0700Z‡) Vancouver App/Dep Con 132.3 363.8 Tower 118.1 (Inner) 127.6 (Outer) (1500–0700Z‡) Gnd Con 124.3 MF 118.1 (0700–1500Z‡ to 2000´. Vancouver Trml 125.2 above 2000´. Shape irregular to 2500´.) | H–1B, L–1E |
| Brampton, ON (CNC3) Toronto Trml App/Dep Con 119.3 | L–31D |
| Brandon Muni, MB (CYBR) Winnipeg Center App/Dep Con 132.25 285.4 MF 122.1 (5 NM to 4000´) | H–2H |

CANADA

| FACILITY NAME | CHART & PANEL |
|---|-------------------|
| Brantford, ON (CYFD) Toronto Trml App/Dep Con 128.27 | L-31D |
| Brockville Rgnl Tackaberry ON (CNL3) Montreal Center App/Dep Con 134.675 | L-32G |
| Bromont, QC (CZBM) Montreal Center App/Dep Con 132.35 MF 122.15 (5 NM to 3400') | L-32G |
| Burlington Executive, ON (CZBA) Toronto Center App/Dep Con 119.3 | L-31D |
| Castlegar/West Kootenay Rgnl, BC (CYCG) Vancouver Center App/Dep Con 134.2 227.3 MF 122.1 (5 NM to 6500') | H-1C |
| Centralia/James T. Fld Muni, ON (CYCE) Toronto Center App/Dep Con 135.30 | H-10G, 11B, L-31D |
| Charlottetown, PE (CYYG) Moncton Center App/Dep Con 135.65 384.8 MF 118.0 (5 NM to 3200') | H-11E, L-32J |
| Chatham-Kent, ON (CYCK) Cleveland Center App/Dep Con 132.25 | H-10G, L-30G |
| Collingwood, ON (CNY3) Toronto Center App/Dep Con 124.02 | H-11B, L-31D |
| Cornwall Rgnl, ON (CYCC) Boston Center App/Dep Con 135.25 377.1 | L-32G |
| Cranbrook/Canadian Rockies Intl, BC (CYXC) Vancouver Center App/Dep Con 133.6 MF 122.3 (5 NM to 6100') | H-1C |
| Debert, NS (CCQ3) Halifax Trml App/Dep Con 119.2 | H-11E, L-32J |
| Digby, NS (CYID) Moncton Center App/Dep Con 123.9 | L-32J |
| Downsview, ON (CYZD) Toronto Center App/Dep Con 133.4 MF 126.2 (1300-2300Z†, 3 NM to 1700') | H-11B, L-31E |
| Drummondville, QC (CSC3) Montreal Center App/Dep Con 132.35 | L-32H |
| Earlton (Timiskaming Rgnl), ON (CYXR) MF 122.0 (5 NM to 3800') | H-11B |
| Elliot Lake Muni, ON (CYEL) Toronto Center App/Dep Con 135.4 | L-31C |
| Fort Frances Muni, ON (CYAG) Minneapolis Center App/Dep Con 120.9 | L-14H |
| Fredericton Intl, NB (CYFC) ATIS 127.55 (1045-0245Z†, OT AWOS) Moncton Center App/Dep Con 124.3 135.5 270.8 Tower 119.0 (1045-0245Z†) Gnd Con 121.7 (1045-0245Z†) MF 119.0 (0245-1045Z†, 5 NM to 3500') | H-11E, L-32I |
| Goderich, ON (CYGD) Toronto Center App/Dep 135.3 266.3 | H-11B, L-31D |
| Greenwood, NS (CYZX) ATIS 128.85 244.3 (1100-0000Z†) App/Dep Con 120.6 335.9 Tower 119.5 236.6 324.3 Gnd Con 133.75 289.4 Clnc Del 128.025 283.9 | H-11E, L-32J |
| Grimsby Air Park, ON (CNZ8) Toronto Trml App/Dep Con 128.27 268.75 Tower 125.0 308.475 | L-31E |
| Halifax/Shearwater, NS (CYAW) ATIS 129.175 308.8 (Ltd hrs) App/Dep Con 119.2 MF Shearwater Advisory 119.0 126.2 340.2 360.2 (Ltd hrs) Gnd Con 121.7 250.1 | H-11E, L-32J |
| Halifax/Stanfield Intl, NS (CYHZ) ATIS 121.0 Moncton Center App/Dep Con 135.3 Tower 118.4 236.6 Gnd Con 121.9 275.8 Clnc Del 123.95 | H-11E, L-32J |
| Hamilton, ON (CYHM) ATIS 128.1 Toronto Trml App/Dep Con 119.7 Tower 125.0 Gnd Con 121.6 | H-10H, 11B, L-11B |
| Kingston, ON (CYGK) ATIS 135.55 (1115-0400Z†) Montreal Center App/Dep Con 135.05 (0400-1115Z†) MF 122.5 (1115-0400Z† 5 NM to 3300') | H-11C, L-31E, 32F |

CANADA

| FACILITY NAME | CHART & PANEL |
|--|------------------------|
| Kitchener/Waterloo, ON (CYKF) ATIS 125.1 (1200-0400Z‡) Toronto Trml App/Dep Con 128.275 Waterloo Tower 126.0 118.55 (1200-0400Z‡) Gnd Con 121.8 MF 126.0 (0400-1200Z‡ 5 NM to 4000') AWOS 125.1 (0400-1200Z‡) | H-11B, L-31D |
| Lachute, QC (CSE4) Montreal Center App Con 124.65 268.3 Montreal Center Dep Con 132.85 268.3 | L-32G |
| La Tuque, QC (CYLQ) Montreal Center App/Dep Con 134.5 | H-11C |
| Langley, BC (CYNJ) ATIS 124.5 (1630-0230Z, DT 1530-0330Z) Victoria Trml App/Dep Con 132.7 290.8 Tower 119.0 (1630-0230Z, DT 1530-0330Z) Gnd Con 121.9 MF 119.0 (0230-1630Z, DT 0330-1530Z 3 NM to 1900') | L-1E |
| Leamington, ON (CLM2) Detroit Approach App/Dep Con 134.3 | L-30F |
| Lethbridge, AB (CYQL) ATIS 124.4 (1245-0545Z‡) Edmonton Center App/Dep Con 132.75 265.2 MF 121.0 (5 NM to 6000') | H-1D |
| Lindsay, ON (CNF4) Toronto Center App/Dep 134.25 | L-31E, L-32F |
| Liverpool/South Shore Rgnl, NS (CYAU) Moncton Center App/Dep Con 123.9 | L-32J |
| London, ON (CYXU) ATIS 127.8 (1120-0345Z‡) Toronto Center App/Dep 135.3 135.625 Tower 119.4 125.65 (1120-0345Z‡) Gnd Con 121.9 MF 119.4 (0345-1120Z‡ 5 NM to 3000') | H-10G, 11B, L-30G, 31D |
| Manitowaning/Manitoulin East Muni, ON (CYEM) Toronto Center App/Dep 135.4 260.9 | L-31C |
| Maniwaki, QC (CYMW) Montreal Center App/Dep Con 126.57 | L-32G |
| Mascouche, QC (CSK3) MF 122.35 (5 NM to 2500'). No gnd station. Excluding the portion S of the N shore of Riviere des Milles-Iles and 1 NM around Lac Agile Mascouche arpt.) | L-32G |
| Medicine Hat, AB (CYXH) ATIS 124.875 (1245-0345Z) MF 122.2 (1245-0345Z 5 NM to 5400') | H-1D |
| Midland/Huronion, ON (CYEE) Toronto Center App/Dep 124.025 | L-31D |
| Miramichi, NB (CYCH) Moncton Center App/Dep Con 123.7 | H-11E, L-32J |
| Moncton/Greater Moncton Intl, NB (CYQM) ATIS 128.65 App/Dep 124.4 Tower 120.8 236.6 Gnd Con 121.8 275.8 Apron Advisory 122.075 | H-11E, L-32J |
| Mont-Laurier, QC (CSD4) Montreal Center App/Dep Con 126.57 | L-32G |
| Montreal Intl (Mirabel), QC (CYMX) ATIS 125.7 Montreal Center App/Dep Con 124.65 268.3 MF 119.1 (7 NM shape irregular to 2000') VFR Advisory 134.15 | H-11C, 12K, L-32G |
| Montreal/Pierre Elliott Trudeau Intl, QC (CYUL) ATIS 133.7 Montreal Trml App Con 118.9 126.9 132.85 268.3 Tower 119.3 119.9 124.3 (old port) 267.1 Gnd Con 121.0 121.9 275.8 Cinc Del 125.6 Apron 122.075 Montreal Trml Dep Con 120.42 (SE-S-SW) 124.65 (W-NW-NE) 268.3 VFR Advisory 134.15 | H-11C, 12K, L-32G |
| Montreal/St-Hubert, QC (CYHU) ATIS 124.9 (Apr-Oct Mon-Fri 1045-0500Z‡, Apr-Oct Sat-Sun 1045-0300Z‡, Nov-Mar Mon-Fri 1045-0400Z‡, Nov-Mar Sat-Sun 1045-0100Z‡) Montreal Center App/Dep Con 125.15 268.3 St. Hubert Tower 118.4 (Apr-Oct Mon-Fri 1045-0500Z‡, Apr-Oct Sat-Sun 1045-0300Z‡, Nov-Mar Mon-Fri 1045-0400Z‡, Nov-Mar Sat-Sun 1045-0100Z‡) Gnd Con 126.4 (Apr-Oct Mon-Fri 1045-0500Z‡, Apr-Oct Sat-Sun 1045-0300Z‡, Nov-Mar Mon-Fri 1045-0400Z‡, Nov-Mar Sat-Sun 1045-0100Z‡) MF 118.4 (Apr-Oct Tues-Sat 0500-1045Z‡, Apr-Oct Sun-Mon 0300-1045Z‡, Nov-Mar Tues-Sat 0400-1045Z‡, Nov-Mar Sun-Mon 0100-1045Z‡) 5 NM shape irregular to 2500') VFR Advisory 134.15 | H-11C, L-32G |

CANADA

| FACILITY NAME | CHART & PANEL |
|--|-------------------|
| Muskoka, ON (CYQA) Timmins Radio App/Dep Con 122.3 MF 122.3 (5 NM to 3900') | H-11B, L-31D |
| Nanaimo, BC (CYCD) ATIS 128.425 (1-877-517-2847)(1400-0500Z) Victoria Trml App/Dep 120.8 133.95 252.3 MF 122.1 291.8 1330-0530Z‡ (5 NM to 2500') | H-1B, L-1E |
| North Bay, ON (CYYB) ATIS 124.9 (1130-0330Z‡) Toronto Center App/Dep 127.25 MF 118.3 (1130-0330Z‡ 7 NM to 5000') | L-31E |
| Oshawa, ON (CYYO) ATIS 125.675 (1130-0330Z‡) Toronto Trml App/Dep Con 133.4 Tower 120.1 (1130-0330Z‡) Gnd Con 118.4 MF 120.1 (0330-1130Z‡ 5 NM to 3000') | L-31E |
| Ottawa/Carp, ON (CYRP) ATIS 121.15 Ottawa Trml App/Dep Con 127.7 | L-31E, 32F |
| Ottawa/Gatineau, QC (CYND) Ottawa Trml App/Dep Con 127.7 128.175 MF 122.3 (5 NM shape irregular to 2500) VFR Advisory Ottawa Trml 127.7 | H-11C, L-32G |
| Ottawa/MacDonald-Cartier Intl, ON (CYOW) ATIS 121.15 Ottawa App Con 135.15 Tower 118.8 (VFR South) 120.1 (VFR North) 118.8 341.3 Gnd Con 121.9 Clnc Del 119.4 Ottawa Dep Con 128.175 | L-11C |
| Owen Sound/Billy Bishop Rgnl, ON (CYOS) Toronto Center App/Dep 132.575 290.6 | L-31D |
| Pelee Island, ON (CYPT) Cleveland Center App/Dep Con 126.35 360.0 | L-30F |
| Pembroke, ON (CYTA) Montreal Center App/Dep Con 135.2 Petawawa Advisory 126.4 250.1 (Mon-Fri 1300-2130Z‡, OT PPR) | H-11C, L-31E, 32F |
| Penticton, BC (CYYF) Vancouver Center App/Dep Con 133.5 351.3 MF 118.5 (5 NM to 4100) | H-1B |
| Peterborough, ON (CYPQ) Toronto Center App/Dep 134.25 MF 123.0 (5 NM to 3600') | H-11B, L-31E, 32F |
| Pincher Creek, AB (CZPC) Edmonton Center App/Dep Con 132.75 265.2 | H-1D |
| Pitt Meadows, BC (CYPK) ATIS 125.0 (1500-0700Z‡) UNICOM 123.35 (0700-1500Z‡) Vancouver Center App Con 128.6 (Outer) 352.7 Pitt Tower 126.3 (1500-0700Z‡) Gnd Con 123.8 Vancouver Center Dep Con 132.3 (South) 363.8 MF 126.3 (0700-1500Z‡) (3NM to 2500) | L-1E |
| Quebec/Jean Lesage Intl, QC (CYQB) ATIS 134.6 Montreal Center App/Dep Con 124.0 127.85 135.025 270.9 322.8 Tower 118.65 236.6 Gnd Con 121.9 250.0 | H-11D, L-32H |
| Riviere Du Loup, QC (CYRI) Montreal Center App/Dep Con 125.1 299.6 | H-11D |
| Rouyn Noranda, QC (CYUY) Montreal Center App/Dep Con 125.9 MF 122.2 (5 NM to 4000') | H-11B |
| Saint John, NB (CYSJ) Moncton Center App/Dep Con 124.3 135.5 270.8 MF 118.5 (5 NM to 3400') | H-11E, L-32J |
| Sarnia (Chris Hadfield), ON (CYZR) Toronto Center App/Dep Con 134.375 | H-10G, 11B, L-30F |
| Sault Ste Marie, ON (CYAM) ATIS 133.05 (1130-0330Z‡) Toronto Center App/Dep Con 132.65 344.5 Tower 118.8 (1130-0330Z‡) Gnd Con 121.7 (1130-0330Z‡) MF 118.8 (0330-1130Z‡ 5 NM irregular shape to 3000') | H-2K, L-31B |
| Sherbrooke, QC (CYSC) Montreal Center App/Dep Con 132.55 MF 123.5 (Ltd hrs 5 NM to 3800') | H-11D, L-32H |
| South Renfrew Muni, ON (CNP3) Montreal Center App/Dep 124.275 | L-31E, 32F |

CANADA

| FACILITY NAME | CHART & PANEL |
|--|-------------------|
| Southport, MB (CYPG) ATIS 120.85 (Mon–Fri 1400–2300Z† except holidays) Tower 126.2 384.2 (Mon–Fri 1400–2300Z† except holidays) Gnd Con 121.7 275.8 | H–2H |
| Springwater Barrie Airpark, ON (CNA3) Toronto Center App/Dep Con 124.025 | L–31D |
| St. Catharines/Niagara District, ON (CYSN) ATIS 128.525 (1215–0200Z†) Toronto Trml App/Dep Con 133.4 MF 123.25 (1215–0200Z† 5 NM to 3300´) | H–10H, 11B, L–31E |
| St. Frederic, QC (CSZ4) Montreal Center App/Dep Con 135.025 270.9 | L–32H |
| St. Georges, QC (CYSG) Montreal Center App/Dep Con 132.35 MF 122.15 (5 NM 3900´ ASL) | H–32H, L–11D |
| St. Jean, QC (CYJN) Montreal Center App/Dep Con 125.15 268.3 Tower 118.2 (Apr–Oct 1230–0230Z† Nov–Mar 1300–0200Z†) Gnd Con 121.7 | L–32G |
| Sudbury, ON (CYSB) ATIS 127.4 Toronto Center App/Dep Con 135.5 MF 125.5 (7 NM to 4000´) Clnc Del 121.8 | H–31B, 10G, L–31D |
| Summerside, PE (CYSU) Moncton Center App/Dep Con 124.4 384.8 | H–11E, L–32J |
| Thunder Bay, ON (CYGT) ATIS 128.8 (1100–0400Z†) Winnipeg Center App/Dep Con 132.125 Tower 118.1 (1100–0400Z†) Gnd Con 121.9 (1100–0400Z†) App/Dep 119.2 MF 118.1 (0400–1100Z† 5 NM to 4000´) | H–2J, L–14J |
| Timmins/Victor M. Power, ON (CYTS) ATIS 124.95 Toronto Center App/Dep Con 128.3 MF 122.3 (5 NM to 4000´) | H–11B |
| Toronto/Buttonsville Muni, ON (CYKZ) ATIS 127.1 (1200–0400Z†) Toronto Trml App/Dep Con 133.4 Tower 124.8 119.9 (1200–0400Z†) Gnd Con 121.8 (1200–0400Z†) MF 124.8 (0400–1200Z† No gnd station. 5 NM shape irregular to below 2500´) | L–31E |
| Toronto/Billy Bishop Toronto City Airport, ON (CYTZ) ATIS 133.6 (1130–0400Z†) App/Dep Con 133.4 Tower 118.2 119.2 (1130–0400Z†) Gnd Con 121.7 | L–31E |
| Toronto/Lester B Pearson Intl, ON (CYYZ) ATIS 120.825 133.1 App Con 132.8 124.475 125.4 Dep Con 127.575 128.8 Tower 118.35 118.7 Gnd Con 121.9 121.65 119.1 Clnc Del 121.3 (1200–0400Z†) Apron Coordinator 122.875 (122.825) | H–11B, L–31D |
| Trenton, ON (CYTR) ATIS 135.45 257.7 App/Dep Con 128.4 324.3 Tower 128.7 236.6 Gnd Con 121.9 275.8 Clnc Del 124.35 286.4 | H–11C, L–31E, 32F |
| Trenton/Mountain View, ON (CPZ3) Trenton Mil Advisory 268.0 or 122.35 | H–11C, L–31E, 32F |
| Trois–Rivieres, QC (CYRQ) Montreal Center App/Dep Con 128.225 MF 123.0 (5 NM to 3200´) | H–11C, L–32H |
| Val–D´or, QC (CYVO) Montreal Center App/Dep Con 125.9 308.3 MF 118.5 (1030–0325Z† 5 NM to 4000´) | H–11B |
| Vancouver Intl, BC (CYVR) ATIS 124.6 App Con 128.6 128.17 (Outer) 133.1 134.225 (Inner) 352.7 Dep Con 126.125 (north) 132.3 (south) 363.8 Tower 118.7 (south) 119.55 (north) VFR 124.0 125.65 226.5 236.6 Gnd Con 121.7 (south) 127.15 (north) 275.8 Clnc Del 121.4 | H–1B, L–1E |
| Victoria Intl, BC (CYYJ) ATIS 118.8 (1400–0800Z†) App Con 125.95 Dep Con 133.85 Tower 119.1 (Outer) 119.7 (Inner) 239.6 Gnd Con 121.9 361.4 (1400–0800Z† OT ctc Kamloops 119.7) Clnc Del 126.4 (1400–0800Z†) | H–1B, L–1E |

CANADA

| <u>FACILITY NAME</u> | <u>CHART & PANEL</u> |
|---|--------------------------|
| Victoriaville, QC (CSR3) Montreal Center App Con 132.35 | L-32H |
| Waterville/Kings Co Muni, NS (CCW3) Greenwood Trml App/Dep Con 120.6 335.9 Greenwood Tower 119.5 324.3 | L-32J |
| Warton, ON (CYVV) Toronto Center App/Dep Con 132.575 MF 122.2 (5 NM to 3700') | H-11B, L-31D |
| Windsor, ON (CYQG) ATIS 134.5 (1130-0330Z‡) Detroit App/Dep Con 126.85 127.5 134.3 348.3 363.2 Tower 124.7 (1130-0330Z‡) Gnd Con 121.7 (1130-0330Z‡) MF 124.7 (0330-1130Z‡ 6 NM irregular shape to below 3000') VFR Advisory Detroit App Con 134.3 | H-10G, L-8J |
| Yarmouth, NS (CYQI) Moncton Center App/Dep Con 123.9 368.5 MF 123.0 (5 NM to 3100') | H-11E, L-32I |

MEXICO

| <u>FACILITY NAME</u> | <u>CHART & PANEL</u> |
|---|--------------------------|
| Abraham Gonzalez Intl/Ciudad Juarez Intl (MMCS/CJS) Juarez App Con 119.9 Juarez Tower 118.9 | H-4K, L-6F |
| Del Norte Intl (MMAN) ATIS 127.55 (1300-0300Z‡) Monterrey App 119.75 120.4 Tower 118.6 Gnd 122.0 Clnc Del 122.0 | H-7B, L-20G |
| Durango Intl (MMDO/DGO) ATIS 132.1 Tower 118.1 Durango Info 122.3 | H-7A |
| General Abelardo L Rodriguez Intl/Tijuana Intl (MMTJ) ATIS 127.9 (1400-1100Z‡) Tijuana App Con 119.5 120.3 Tijuana Tower 118.1 Tijuana Clnc Del 122.35 Tijuana Info 132.1 | H-4H, L-4H |
| General Lucio Blanco Intl/Reynosa Intl (MMRX) Reynosa App Con 127.2 Reynosa Tower 118.8 | H-7B, L-20H |
| General Mariano Escobedo Intl/Monterrey Intl (MMMY) ATIS 127.7 Monterrey App Con 119.75 120.4 Monterrey Dep Con 119.75 Monterrey Tower 118.1 Monterrey Gnd 121.9 Monterrey Info 122.45 | H-7B, L-20G |
| General R Fierro Villalobos Intl/Chihuahua Intl (MMCU) ATIS 127.9 (1300-0300Z‡) Chihuahua App Con 121.0 Chihuahua Tower 118.4 | L-6I |
| General Rodolfo Sanchez Taboada Intl/Mexicali Intl (MMML) ATIS 127.6 (1400-0200Z‡) Mexicali App Con 118.2 Mexicali Tower 118.2 Mexicali Info 123.9 122.3 | H-4H, L-4J, 5A |
| General Servando Canales Intl/Matamoros Intl (MMMA) Matamoros App Con 118.0 Matamoros Tower 118.0 | H-7C, L-21A |
| Plan De Guadalupe Intl/Salttillo Intl (MMIO/SLW) Salttillo App Con 127.4 Salttillo Tower 118.4 | H-7B |
| Quetzalcoatl Intl/Nuevo Laredo Intl (MMNL/NLD) Nuevo Laredo App Con 118.3 Nuevo Laredo Tower 118.3 | H-7B, L-20G |
| Torreon Intl (MMTC) App Con 119.6 Tower 118.5 Info 122.3 | H-7A |

PREFERRED IFR ROUTES

PREFERRED IFR ROUTES

A system of preferred routes has been established to guide pilots in planning their route of flight, to minimize route changes during the operational phase of flight, and to aid in the efficient orderly management of the air traffic using federal airways. The preferred IFR routes which follow are designed to serve the needs of airspace users and to provide for a systematic flow of air traffic in the major terminal and en route flight environments. Cooperation by all pilots in filing preferred routes will result in fewer traffic delays and will better provide for efficient departure, en route and arrival air traffic service.

The following lists contain preferred IFR routes for the low altitude stratum and the high altitude stratum. The high altitude list is in two sections; the first section showing terminal to terminal routes and the second section showing single direction route segments. Also, on some high altitude routes low altitude airways are included as transition routes.

The following will explain the terms/abbreviations used in the listing:

1. Preferred routes beginning/ending with an airway number indicate that the airway essentially overlies the airport and flight are normally cleared directly on the airway.
2. Preferred IFR routes beginning/ending with a fix indicate that aircraft may be routed to/from these fixes via a Standard Instrument Departure (SID) route, radar vectors (RV), or a Standard Terminal Arrival Route (STAR).
3. Preferred IFR routes for major terminals selected are listed alphabetically under the name of the departure airport. Where several airports are in proximity they are listed under the principal airport and categorized as a metropolitan area; e.g., New York Metro Area.
4. Preferred IFR routes used in one direction only for selected segments, irrespective of point of departure or destination, are listed numerically showing the segment fixes and the direction and times effective.
5. Where more than one route is listed the routes have equal priority for use.
6. Official location identifiers are used in the route description for VOR/VORTAC nav aids.
7. Intersection names are spelled out.
8. Navaid and distance fixes (e.g., ARD201113) have been used in the route description in an expediency and intersection names will be assigned as soon as routine processing can be accomplished. Navaid radial (no distance stated) may be used to describe a route to intercept a specified airway (e.g., MIV MIV101 V39); another navaid radial (e.g., UIM UIM255 GSW081); or an intersection (e.g., GSW081 FITCH).
9. Where two nav aids, an intersection and a navaid, a navaid and a navaid radial and distance point, or any navigable combination of these route descriptions follow in succession, the route is direct.
10. The effective times for the routes are in UTC. During periods of daylight saving time effective times will be one hour earlier than indicated. All states observe daylight saving time except Arizona, Puerto Rico and the Virgin Islands. Pilots planning flight between the terminals or route segments listed should file for the appropriate preferred IFR route.
11. (90–170 incl) altitude flight level assignment in hundred of feet.
12. The notations "pressurized" and "unpressurized" for certain low altitude preferred routes to Kennedy Airport indicate the preferred route based on aircraft performance.
13. High Altitude Preferred IFR Routes are in effect during the following time periods unless otherwise noted.
 Sun 1300–2259 local time.
 Mon thru Fri 0701–2259 local time.
 Sat 0701–1459 local time.
14. Use current SIDs and STARs for flight planning.
15. For high altitude routes, the portion of the routes contained in brackets [] is suggested but optional. The portion of the route outside the brackets will likely be required by the facilities involved.

PREFERRED IFR ROUTES

LOW ALTITUDE

| Terminals | Route | Effective Times (UTC) |
|--|--|-----------------------|
| SAN FRANCISCO/OAKLAND METRO AREA | | |
| From SAN FRANCISCO Area (SFO): West Bay Airports | | |
| Los Angeles Area (LAX) | (70-90-110-130-150-170) V27 VTU V299 SADDE V107 LAX..... | 1400-0800 |

HIGH ALTITUDE

| Terminals | Route | Effective Times (UTC) |
|--|--|-----------------------|
| ALBUQUERQUE (ABQ) | | |
| Chicago O'Hare (ORD) | J18 GCK J96 IRK BDF-STAR | 1100-0400 |
| | or | |
| | (Turbojets-RNAV 1) J18 GCK J96 IRK BENKY (RNAV)-STAR | 1100-0400 |
| Houston (HOU) | (Turbojets-GPS or DME/DME-IRU equipped) LLO KIDDZ (RNAV)-STAR | |
| Houston (IAH)..... | (Turbojets/Turboprops-GPS or DME/DME-IRU equipped) (IAH East Flow) DIESEL TTORO (RNAV)-STAR | |
| | or | |
| | (Turbojets/Turboprops-GPS or DME/DME-IRU equipped) (IAH West Flow) DIESEL MSCOT (RNAV)-STAR | |
| BURBANK (BUR) | | |
| Ann Arbor (ARB) | OBH J100 DBQ BAE MKG LAN SPRTN-STAR..... | 1100-0300 |
| Chicago O'Hare (ORD) | (all other Jets) DAG EED J6 DRK J96 IRK BDF-STAR | 0000-2359 |
| | or | |
| | (Turbojets-RNAV 1) TRM J78 DRK J96 IRK BENKY (RNAV)-STAR | |
| Detroit Metro-Wayne Co (DTW) | [BUR OBH] OBH J100 DBQ BAE POLAR-STAR | |
| Detroit Metro Area (PTK, YIP, DET, CYQG) | [BUR OBH] OBH J100 DBQ BAE MKG LAN SPRTN-STAR | 1100-0300 |
| FRESNO (FAT) | | |
| Denver (DEN) | INSLO DTA J84 EKR KAILE (RNAV)-STAR | 1400-0000 |
| LAS VEGAS (LAS) | | |
| Chicago O'Hare (ORD) | (FL240 and above, all other jets) PGS GUP J96 IRK BDF-STAR | 0000-2359 |
| | or | |
| | (Turbojets-RNAV 1) PGS GUP J96 IRK BENKY (RNAV)-STAR | |
| Cleveland Metro Area (CLE, CGF, BKL, LNN, LPR) | OBK CRL HIMEZ-STAR | |
| Detroit/Wayne Co (DTW) | BAE POLAR-STAR | |
| | or | |
| | PXV VHP FWA MIZAR-STAR | |
| Houston (HOU) | (Turbojets-GPS or DME/DME-IRU equipped) LLO KIDDZ (RNAV)-STAR | |
| | or | |
| | (Turbojets/Turboprops-GPS or DME/DME-IRU equipped) FST SAT BELLR (RNAV)-STAR | |
| Houston (IAH)..... | (Turbojets/Turboprops-GPS or DME/DME-IRU equipped) (IAH East Flow) DIESEL TTORO (RNAV)-STAR | |
| | or | |
| | (Turbojets/Turboprops-GPS or DME/DME-IRU equipped) (IAH East Flow) FST SAT HTOWN (RNAV)-STAR | |
| | or | |
| | (Turbojets/Turboprops-GPS or DME/DME-IRU equipped) (IAH West Flow) DIESEL MSCOT (RNAV)-STAR | |
| | or | |
| | (Turbojets/Turboprops-GPS or DME/DME-IRU equipped) (IAH West Flow) FST SAT TEJAS (RNAV)-STAR .. | |

PREFERRED IFR ROUTES

| Terminals | Route | Effective Times (UTC) |
|---|--|----------------------------|
| LONG BEACH (LGB) | | |
| Dallas-Fort Worth (DFW)..... | (RNAV Turbojet) (DFW South Flow) TRM J169 TFD J50 SSO J4 INK BGTOE BOOVE (RNAV)-STAR.. or (RNAV Turbojet) (DFW North Flow) TRM J169 TFD J50 SSO J4 BGTOE SOCKK (RNAV)-STAR | |
| | or (All others) TRM J169 TFD J50 SSO J4 INK GLEN ROSE-STAR | |
| Detroit Metro-Wayne Co (DTW)..... | J100 DBQ BAE POLAR-STAR | |
| Detroit Metro Area (PTK, YIP, ARB, DET, CYQG) | J100 DBQ BAE MKG LAN SPRTN-STAR | 1100-0300 |
| Portland, OR (PDX) | EHF J65 RBL | 1300-0600 |
| Seattle/Tacoma (SEA) | EHF CZQ LIN | 1300-0500 |
| LOS ANGELES (LAX) | | |
| Boston (BOS) | MLF J107 OCS J94 DBQ BAE HOCKE Q816 KELTI NABOR PONCT JFUND (RNAV)-STAR | 1100-0300 |
| | or MLF J107 DDY J158 ABR GEP GRB HOCKE Q816 KELTI NABOR PONCT JFUND (RNAV)-STAR | 1100-0300 |
| Chicago O'Hare (ORD) | (all other Jets) TRM J78 DRK J96 IRK BDF-STAR.. or (Turbojets-RNAV 1) DAG EED J6 DRK J96 IRK BENKY (RNAV)-STAR..... | 0000-2359 |
| | or (Turbojets-RNAV 1) TRM J78 DRK J96 IRK BENKY (RNAV)-STAR..... | 0000-2359 |
| | or (all other jets) DAG EED J6 DRK J96 IRK BDF-STAR | 0000-2359 |
| Cleveland Metro Area (CLE, CGF, BKL, LNN, LPR) | OBK CRL HIMEZ-STAR | |
| Detroit Metro-Wayne (DTW)..... | BAE POLAR-STAR | |
| | or PXV VHP FWA MIZAR-STAR | |
| Detroit Metro Area (PTK, YIP, ARB, DET, CYQG) | J100 DBQ BAE MKG LAN SPRTN-STAR | 1100-0300 |
| Houston (HOU)..... | (Turbojets/Turboprops-GPS or DME/DME-IRU equipped) FST SAT BELLR (RNAV)-STAR | |
| Houston (IAH) | (Turbojets/Turboprops-GPS or DME/DME-IRU equipped) (IAH East Flow) FST SAT HTOWN (RNAV)-STAR..... | |
| | or (Turbojets/Turboprops-GPS or DME/DME-IRU) (IAH West Flow) FST SAT TEJAS (RNAV)-STAR.. DAG J100 OBK J584 CRL J554 JHW J70 LVZ LENDY-STAR | |
| Kennedy (JFK) | or J146 DVC J197 GLD J146 GIJ J554 JHW J70 LVZ LENDY-STAR | 0000-1400 |
| | or DAG J100 OBK J584 CRL J554 JHW J70 LVZ LENDY-STAR | 1700-2359 |
| Newark (EWR)..... | DAG J100 OBH J10 IOW J60 JOT J146 GIJ J554 CRL J584 SLT FQM-STAR | 1700-1759 and 2100-2159 |
| Pittsburgh (PIT) | JOT J146 WOOST J34 DJB V30 ACO JESEY (RNAV)-STAR..... | |
| | or J146 DVC J197 GLD J192 IOW J146 WOOST J34 DJB V30 ACO JESEY (RNAV)-STAR..... | |
| Portland, OR (PDX) | EHF J65 RBL | 1300-0600 |
| Seattle/Tacoma (SEA) | EHF CZQ LIN | 1300-0500 |
| MONTEREY (MRY) | | |
| Denver (DEN)..... | INSLO DTA J84 EKR KAILE (RNAV)-STAR..... | 1400-0000 |
| OAKLAND (OAK) | | |
| Chicago O'Hare (ORD) | (Turbojets) ORRCA Q120 GALLI ONL J94 FOD MYRRS FYTTE (RNAV)-STAR..... | |
| Denver (DEN) | TIPRE Q126 INSLO EKR KAILE (RNAV)-STAR | 1400-0000 |

PREFERRED IFR ROUTES

| Terminals | Route | Effective Times (UTC) |
|---|---|-----------------------|
| | or | |
| Detroit Metro-Wayne Co (DTW)..... | ORRCA Q120 GALLI BAM J154 TCH J56 CHE KAILE (RNAV)-STAR | 1400-0000 |
| Detroit Metro Area (PTK, YIP, ARB, DET, CYQG)..... | ORRCA Q120 GALLI BAM J94 DBQ BAE POLAR-STAR | 1400-0400 |
| Houston (HOU) | (Turbojets-GPS or DME/DME-IRU equipped) SYRAH Q128 JSICA ILC BCE TXO LBB LLO KIDDZ (RNAV)-STAR | |
| Houston (IAH)..... | (Turbojets/Turboprops-GPS or DME/DME-IRU equipped) (IAH West Flow) BOILE Q4 ELP PEQ FUSCO DIESL MSCOT (RNAV)-STAR | |
| | or | |
| Newark (EWR)..... | (Turbojets/Turboprops-GPS or DME/DME-IRU equipped) (IAH East Flow) BOILE Q4 ELP PEQ FUSCO DIESL TTORO (RNAV)-STAR | |
| Phoenix (PHX) | ORRCA Q120 GALLI BAM J94 OBK J584 SLT WILLIAMSPORT-STAR | 1600-0500 |
| ONTARIO (ONT) | BOILE BLH HYDRR (RNAV)-STAR | |
| Chicago O'Hare (ORD) | (All other jets) TRM J78 DRK J96 IRK BDF..... | 0000-2359 |
| | or | |
| Dallas-Fort Worth (DFW)..... | (Turbojets-RNAV 1) TRM J78 DRK J96 IRK BENKY (RNAV)-STAR | 0000-2359 |
| Detroit Metro-Wayne Co (DTW) | TRM J169 TFD J50 SSO J4 INK | 1400-2300 |
| Detroit Metro Area (PTK, YIP, ARB, DET, CYQG)..... | DAG OBH J100 DBQ BAE POLAR-STAR..... | |
| Houston (HOU) | OBH J100 DBQ BAE MKG LAN SPRTN-STAR | 1100-0300 |
| Houston (IAH)..... | (Turbojets/Turboprops-GPS or DME/DME-IRU equipped) FST SAT BELLR (RNAV)-STAR | |
| | (Turbojets/Turboprops-GPS or DME/DME-IRU equipped) (IAH East Flow) FST SAT HTOWN (RNAV)-STAR | |
| | or | |
| Kennedy (JFK) | (Turbojets/Turboprops-GPS or DME/DME-IRU equipped) (IAH West Flow) FST SAT TEJAS (RNAV)-STAR | 1400-2200 |
| Pittsburgh (PIT)..... | DAG J146 DVC J197 GLD J192 IOW J146 WOOST J34 DJB V30 ACO JESEY (RNAV)-STAR..... | |
| Portland (PDX)..... | EHF J65 RBL | 1300-0600 |
| Seattle/Tacoma (SEA)..... | EHF CZQ LIN | 1300-0500 |
| Vancouver (CYVR) | EHF CZQ LIN | |
| PALM SPRINGS (PSP) | | |
| Chicago O'Hare (ORD) | (All other jets) (FL240 and above) PKE J78 DRK J96 IRK BDF-STAR..... | 0000-2359 |
| | or | |
| | (Turbojets-RNAV 1) (FL240 and above) PKE J78 DRK J96 IRK BENKY (RNAV)-STAR..... | 0000-2359 |
| PHOENIX (PHX) | | |
| Chicago O'Hare (ORD) | J18 SLN J96 IRK BDF-STAR..... | 0000-2359 |
| | or | |
| | (Turbojets-RNAV 1) J18 SLN J96 IRK BENKY (RNAV)-STAR | |
| Cleveland Metro Area (CLE, CGF, BKL, LNN, LPR) | OBK CRL HIMEZ-STAR | |
| Detroit Metro-Wayne (DTW)..... | BAE POLAR-STAR..... | |
| | or | |
| | PXV VHP FWA MIZAR-STAR | |
| Detroit Metro Area (PTK, YIP, ARB, DET, CYQG)..... | PAYSO GUP J102 ALS J13 FGF J128 DBQ BAE MKG LAN SPRTN-STAR | 1100-0300 |
| Houston (HOU) | (Turbojets/Turboprops-GPS or DME/DME-IRU equipped) FST SAT BELLR (RNAV)-STAR | |
| Houston (IAH)..... | (Turbojets/Turboprops-GPS or DME/DME-IRU equipped) (IAH East Flow) FST SAT HTOWN (RNAV)-STAR | |
| | or | |

PREFERRED IFR ROUTES

| Terminals | Route | Effective Times (UTC) |
|--|---|-----------------------|
| | (Turbojets/Turboprops—GPS or DME/DME-IRU equipped) (IAH West Flow) FST SAT TEJAS (RNAV)—STAR..... | |
| Kennedy (JFK) | J18 GCK HYS PWE J192 IOW J60 JOT J146 GIJ J554 JHW J70 LVZ LENDY—STAR | 0000–1429 |
| | or | |
| | GUP J102 ALS PUB GLD J146 GIJ J554 JHW J70 LVZ LENDY—STAR | 0000–1429 |
| | or | |
| | GUP J102 ALS PUB GLD J197 OBH J100 OBK J584 CRL J554 JHW J70 LVZ LENDY—STAR..... | 1430–2359 |
| Newark (EWR)..... | J18 GCK HYS PWE J192 IOW J60 JOT J146 GIJ J554 CRL J584 FQM—STAR..... | |
| | or | |
| | GUP J102 ALS PUB GLD J146 GIJ J554 CRL J584 SLT FQM—STAR | |
| Oakland (OAK)..... | (Turbojet) IZZZO (RNAV)—DP HRRBR DECAS J65 PMD GMN RGOOD EMZOH (RNAV)—STAR | 1600–0500 |
| San Francisco (SFO) | J92 OAL MOD | 1600–0500 |
| San Jose (SJC)..... | (Turbojet) MAYSA (RNAV)—DP SISIE DOVEE BTY RUSME RAZRR (RNAV)—STAR | |
| RENO (RNO) | | |
| Chicago O'Hare (ORD) | (Turbojets) GALLI CZI J82 FSD J16 MCW ZZIPR FYTTE (RNAV)—STAR..... | |
| Denver (DEN)..... | MVA INLSO EKR KAILE (RNAV)—STAR..... | 1400–0000 |
| | or | |
| | ORRCA Q120 GALLI BAM J154 TCH J56 CHE KAILE (RNAV)—STAR..... | 1400–0000 |
| SACRAMENTO (SAC) | | |
| Chicago O'Hare (ORD) | (Turbojets) ORRCA Q120 GALLI ONL J94 FOD MYRRS FYTTE (RNAV)—STAR..... | |
| Denver (DEN)..... | INSLO EKR KAILE (RNAV)—STAR | 1400–0000 |
| | or | |
| | GALLI BAM J154 TCH J56 CHE KAILE (RNAV)—STAR..... | 1400–0000 |
| Phoenix (PHX)..... | OAL J92 DRK | 1500–0400 |
| SALT LAKE CITY (SLC) | | |
| Boston (BOS) | TCH MCW HOCKE Q816 KELTI NABOR PONCT JFUND (RNAV)—STAR | 1100–0300 |
| | or | |
| | OCS J107 DDY J158 ABR GEP GRB HOCKE Q816 KELTI NABOR PONCT JFUND (RNAV)—STAR..... | 1100–0300 |
| | or | |
| | OCS J94 DBQ BAE HOCKE Q816 KELTI NABOR PONCT JFUND (RNAV)—STAR | 1100–0300 |
| Chicago O'Hare (ORD) | (FL240 and above) (All) OCS J94 ONL J94 DBQ JVL JANESVILLE—STAR | 0000–2359 |
| | or | |
| | (RNAV) OCS J94 ONL J94 FOD MYRRS FYTTE (RNAV)—STAR..... | |
| Houston (HOU)..... | (Turbojets—GPS or DME/DME-IRU equipped) PNH MQP ELLVR NNEAL KIDDZ (RNAV)—STAR..... | |
| Houston (IAH) | (Turbojets/Turboprops—GPS or DME/DME-IRU equipped) (IAH East Flow) PNH MQP GUSHR (RNAV)—STAR..... | |
| | or | |
| | (Turbojets/Turboprops—GPS or DME/DME-IRU equipped) (IAH West Flow) PNH MQP DRLLR (RNAV)—STAR..... | |
| Kennedy (JFK) | OCS J94 OBK J584 CRL J554 JHW J70 LVZ LENDY—STAR | 0700–2359 |
| SAN DIEGO (SAN) | | |
| Chicago O'Hare (ORD) | (all other jets) TRM J78 DRK J96 IRK BDF—STAR .. | 0000–2359 |
| | or | |
| | (Turbojets—RNAV 1) TRM J78 DRK J96 IRK BENKY (RNAV)—STAR..... | 0000–2359 |
| Cleveland Metro Area (CLE, CGF, BKL, LNN, LPR) | OBK CRL HIMEZ—STAR | |

PREFERRED IFR ROUTES

| Terminals | Route | Effective Times (UTC) |
|---|--|-------------------------|
| Dallas-Fort Worth (DFW) | (RNAV Turbojet) (DFW South Flow) IPL J18 GBN J50 SSO J4 INK BGTOE BOOVE (RNAV)-STAR .. or (RNAV Turbojet) (DFW North Flow) IPL J18 GBN J50 SSO J4 INK BGTOE SOCKK (RNAV)-STAR .. or (All others) IPL J18 GBN J50 SSO J4 INK GLEN ROSE-STAR | |
| Detroit/Wayne (DTW) | BAE POLAR-STAR | |
| | or PXV VHP FWA MIZAR-STAR | |
| Houston (HOU) | (Turbojets/Turboprops-GPS or DME/DME-IRU equipped) FST SAT BELLR (RNAV)-STAR | |
| Houston (IAH) | (Turbojets/Turboprops-GPS or DME/DME-IRU equipped) (IAH East Flow) FST SAT HTOWN (RNAV)-STAR | |
| | or (Turbojets/Turboprops-GPS or DME/DME-IRU equipped) (IAH West Flow) FST SAT TEJAS (RNAV)-STAR | |
| Kennedy (JFK) | IPL J18 PXR J102 ALS PUB GLD J197 OBH J100 OBK J584 CRL J554 JHW J70 LVZ LENDY-STAR | |
| Pittsburgh (PIT) | JOT J146 J34 DJB V30 ACO JESEY (RNAV)-STAR | 1300-0100 |
| | or DVC J197 GLD J192 IOW J146 WOOST J34 DJB V30 ACO JESEY (RNAV)-STAR | 1300-0100 |
| Portland (PDX) | EHF J65 RBL J1 | 1300-0600 |
| Seattle/Tacoma (SEA) | EHF CZQ LIN J189 BTG OLM-STAR | 1300-0500 |
| Vancouver (CYVR) | EHF CZQ LIN J189 LMT J65 SEA PAE ACORD-STAR | 1800-2100 and 2330-0200 |
| SAN FRANCISCO (SFO) | | |
| Boston (BOS) | ORRCA Q120 GALLI BAM J94 DBQ BAE HOCKE Q816 KELTI NABOR PONCT JFUND (RNAV)-STAR | 1100-0300 |
| Chicago O'Hare (ORD) | (Turbojets) ORRCA Q120 GALLI CZJ J82 FSD J16 MCW ZZIPR FYTEE (RNAV)-STAR | |
| Cleveland (CLE) | ORCCA Q120 GALLI OBK CRL HIMEZ-STAR | 1500-0100 |
| Denver (DEN) | TIPRE Q126 INSLO EKR KAILE (RNAV)-STAR | 1400-0000 |
| | or ORRCA Q120 GALLI BAM J154 TCH J56 CHE KAILE (RNAV)-STAR | 1400-0000 |
| Detroit Metro-Wayne (DTW) | ORRCA Q120 GALLI BAE POLAR-STAR | |
| Detroit Metro Area (PTK, YIP, ARB, DET, CYQG) | ORRCA Q120 GALLI BAM J94 DBQ BAE MKG LAN SPRTN-STAR | 1400-0400 |
| Houston (HOU) | (Turbojets-GPS or DME/DME-IRU equipped) SYRAH Q128 JSICA ILC BCE TXO LBB LLO KIDDZ (RNAV)-STAR | |
| Houston (IAH) | (Turbojets/Turboprops-GPS or DME/DME-IRU equipped) (IAH East Flow) BOILE Q4 ELP PEQ FUSCO DIESEL TTORO (RNAV)-STAR | |
| | or (Turbojets/Turboprops-GPS or DME/DME-IRU equipped) (IAH West Flow) BOILE Q4 ELP PEQ FUSCO DIESEL MSCOT (RNAV)-STAR | |
| Kennedy (JFK) | ORRCA Q120 GALLI BAM J94 OBK J584 CRL J554 JHW J70 LVZ LENDY-STAR | 0000-2359 |
| Newark (EWR) | ORRCA Q120 GALLI BAM J94 OBK J584 SLT WILLIAMSPORT-STAR | 0000-2359 |
| Phoenix (PHX) | BOILE BLH HYDRR (RNAV)-STAR | 1600-0500 |
| Pittsburgh (PIT) | ORRCA Q120 GALLI BAM J94 BFF OBH DSM IOW J60 DJB ACO JESEY (RNAV)-STAR | 1300-0100 |
| Toronto (CYYZ) | ORCCA Q120 GALLI BAM J32 ABR J70 GEP GRB YZEMN NUBER (CANADIAN RNAV)-STAR | |
| SAN JOSE (SJC) | | |
| Chicago O'Hare (ORD) | (Turbojets) ORRCA Q120 GALLI BAM J94 FOD MYRRS FYTTE (RNAV)-STAR | |
| Denver (DEN) | TIPRE Q126 EKR KAILE (RNAV)-STAR | 1400-0000 |

PREFERRED IFR ROUTES

| Terminals | Route | Effective Times (UTC) |
|--|--|----------------------------|
| Houston (HOU)..... | (Turbojets–GPS or DME/DME-IRU equipped) SYRAH Q128 JSICA ILC BCE TXO LBB LLO KIDDZ (RNAV)–STAR | |
| Houston (IAH) | (Turbojets/Turboprops–GPS or DME/DME-IRU equipped) (IAH East Flow) BOILE Q4 ELP PEQ FUSCO DIESL TTORO (RNAV)–STAR..... or (Turbojets/Turboprops–GPS or DME/DME-IRU equipped) (IAH West Flow) BOILE Q4 ELP PEQ FUSCO DIESL MSCOT (RNAV)–STAR | |
| Phoenix (PHX) | BOILE BLH HYDRR (RNAV)–STAR | 1600–0500 |
| SANTA ANA (SNA) | | |
| Chicago O'Hare (ORD) | (all other jets) TRM J78 DRK J96 IRK BDF–STAR . or (Turbojets–RNAV 1) TRM J78 DRK J96 IRK BENKY (RNAV)–STAR..... | 0000–2359 0000–2359 |
| Dallas-Fort Worth (DFW)..... | (RNAV Turbojet) (DFW South Flow) TRM J169 TFD J50 SSO J4 INK BGTOE BOOVE (RNAV)–STAR.. or (RNAV Turbojet) (DFW North Flow) TRM J169 TFD J50 SSO J4 INK BGTOE SOCKK (RNAV)–STAR.. or (All others) TRM J169 TFD J50 SSO J4 INK GLEN ROSE–STAR | |
| Detroit Metro–Wayne Co (DTW) | TRM PKE J96 DRK FLG J10 FQF J128 DBQ BAE POLAR–STAR | |
| Portland (PDX)..... | EHF J65 RBL J1 OED..... | 1300–0600 |
| Seattle/Tacoma (SEA) | EHF CZQ LIN J189 LMT | 1300–0500 |
| TUCSON (TUS) | | |
| Cleveland Metro Area (CLE) (CGF) (BKL) (LNN) (LPR)..... | OBK CRL HIMEZ–STAR | |
| Houston (HOU)..... | (Turbojets/Turboprops–GPS or DME/DME-IRU equipped) FST SAT BELLR (RNAV)–STAR | |
| Houston (IAH) | (Turbojets/Turboprops–GPS or DME/DME-IRU equipped) (IAH East Flow) FST SAT HTOWN (RNAV)–STAR..... or (Turbojets/Turboprops–GPS or DME/DME-IRU equipped) (IAH West Flow) FST SAT TEJAS (RNAV)–STAR..... or (Turbojets/Turboprops–GPS or DME/DME-IRU equipped) (IAH East Flow) DIESL TTORO (RNAV)–STAR..... or (Turbojets/Turboprops–GPS or DME/DME-IRU equipped) (IAH West Flow) DIESL MSCOT (RNAV)–STAR..... | |

SPECIAL HIGH ALTITUDE ARRIVAL ROUTES FOR SALT LAKE CITY TERMINAL AREA

SOUTHEAST

Salt Lake City over JNC J12 HELPR SPANE-STAR
 over EKR MTU SPANE-STAR

SOUTH

Salt Lake City over BCE DTA-TCH
 over MLF DTA-TCH.....

WEST

Salt Lake City over BVL BVL-STAR.....

NORTHWEST

Salt Lake City over BYI BEARR-STAR

NORTH

Salt Lake City over PIH BEARR-STAR
 over DBS BRIGHAM CITY-STAR.....

NORTHEAST

Salt Lake City over JAC BRIGHAM CITY-STAR.....

EAST

Salt Lake City over OCS BRIGHAM CITY-STAR

SPECIAL HIGH ALTITUDE DIRECTIONAL ROUTES

| Terminals | Route | Effective Times (UTC) |
|---|-------------------------------------|-----------------------|
| Traffic overflying Salt Lake Center, westbound south of a line from Rock Springs VORTAC (OCS) to Mina VORTAC (MVA): | | |
| Salt Lake City (ZLC) | TATOO DUGLE MADWIN-STAR..... | |
| | or | |
| | RUMPS OAL MODESTO-STAR | |
| | or | |
| | TPH CANDA EL NIDO (RNAV)-STAR | |
| Traffic overflying Salt Lake Center, westbound north of a line from Rock Springs VORTAC (OCS) to Mina VORTAC (MVA): | | |
| Salt Lake City (ZLC) | FMG RAIDR (RNAV)-STAR | |
| | or | |
| | FMG ILA PYE GOLDEN GATE-STAR..... | |
| | or | |
| | FMG EL NIDO (RNAV)-STAR | |

GULF OF MEXICO "Q ROUTES"

These area navigation routes extend more than 12 miles off shore in airspace controlled by the Federal Aviation Administration (FAA). Additional regulatory information for these routes can be found in the Notices to Airmen Publication, Part 3, International Notices to Airmen.

These routes have a Minimum Obstruction Clearance Altitude (MOCA) of 1500 feet (MSL). The Minimum Enroute Altitude (MEA) for these routes is 6000 feet (MSL).

Q100

LEV VORTAC

REDFN N28°52.98'/W088°42.11'

NAITE N28°42.64'/W088°05.00'

ROZZI N28°18.87'/W086°42.31'

REMIS N27°53.04'/W085°15.47'

SRQ

VOR/DME

Q102

LEZ VORTAC

BLVNS N28°22.94'/W088°02.05'

BUNNZ N28°00.58'/W086°45.76'

BACCA N27°35.51'/W085°20.66'

CIGAR N27°29.61'/W084°46.99'

BAGGS N27°08.06'/W082°50.45'

CYY VOR/DME

Q105

HRV VORTAC

FATSO N29°41.40'/W089°47.08'

REDFN N28°52.98'/W088°42.11'

BLVNS N28°22.94'/W088°02.05'

Q-ROUTES REGULATORY

Q1, Q3, Q5, Q7, Q9 and Q11 are preferred single direction (Southbound) Q routes; flight planning Northbound not authorized.

Q routes are RNAV routes that require the use of GNSS or DME/DME/IRU RNAV, unless otherwise indicated. Please note that this section does not apply to Q routes in the Gulf of Mexico.

GNSS and DME/DME/IRU RNAV operations are authorized along Q routes at FL 180 and above. GNSS and DME/DME/IRU RNAV MEAs will only be published if above FL 180.

DME facilities that have been assessed for RNAV operations are listed below. Q routes with no DME facilities listed are limited to GNSS RNAV operations only. Those routes will have an enroute chart note "GNSS REQUIRED".

| Route | Segment | DME |
|-------------------|------------------------------|--|
| Q1 | POINT REYES-ETCHY | LIN, ECA, RBL, SAC, OAK, PYE |
| | ETCHY-TOCOS | RBL, PYE, SAC, OAK, LIN, ECA, ENI |
| | TOCOS-ENVIE | OED, RBL, ENI, PYE |
| | ENVIE-ELENN | RBL, LMT, OED |
| | ELENN-EBINY | LMT, OED, CVO, EUG, RBL |
| | EBINY-EASON | CVO, DSD, OED, BTG, UBG, ONP, EUG, LMT |
| | EASON-ERAVE | SEA, BTG, OLM, HQM, LTJ, CVO, DSD, OED, UBG, ONP, EUG |
| Q2 | ERAVE-ELMAA | BTG, OLM, HQM, UBG, HUH |
| | BOILE-HEDVI | HEC, PDZ, OCN, PMD, LAX, RZS, IPL, TRM, PKE, BLH, EED, BZA, GBN, |
| | HEDVI-HOBOL | BZA, GBN, BLH, EED, PXR, IPL, TFD, DRK, TUS |
| | HOBOL-ITUCO | TFD, GBN, BLH, PXR, TUS, CIE, SSO |
| Q3 | ITUCO-NEWMAN | EWM, TFD, PXR, CIE, SSO, TUS, TCS |
| | FEPOT-FAMUK | OLM, TOU, HQM, CVO, BTG, DSD, LTJ, UBG, ONP, EUG |
| | FAMUK-FRFLY | BTG, DSD, OED, CVO, EUG, ONP, UBG, RBL, LMT |
| | FRFLY-FINER | OED, EUG, RBL, LMT, ENI, CVO, FJS |
| | FINER-FOWND | OED, PYE, ECA, LIN, OAK, ENI, RBL, LMT, SAC, FJS |
| FOWND-POINT REYES | LIN, ECA, PYE, RBL, SAC, ENI | |

| Route | Segment | DME | |
|--------------------|-----------------------------|--|-------------------------|
| Q4 | BOILE-HEDVI | HEC, PDZ, OCN, PMD, LAX, RZS, IPL, TRM, PKE, BLH, BZA, EED, GBN | |
| | HEDVI-SCOLE | EED, BLH, BZA, GBN, TRM, IPL, TFD | |
| | SCOLE-SPTFR | EED, BLH, BZA, GBN, TRM, IPL, TFD | |
| | SPTFR-ZEBOL | EED, IPL, BZA, GBN, TFD, PXR, BLH | |
| Q5 | ZEBOL-SKTTR | PXR, BLH, BZA, GBN, TFD, TUS, SSO, CIE, SVC, TCS | |
| | SKTTR-EL PASO | EWM, CUS, SVC, TCS, SSO, CIE, ELP, DMN, CME | |
| | HAROB-HISKU | OLM, ONP, CVO, EUG, HQM, UBG, BTG, LTJ, DSD, HUH | |
| | HISKU-HARPR | ONP, CVO, EUG, LTJ, DSD, UBG, BTG, RBL, OED, LMT, FJS, LKV | |
| Q7 | HARPR-HOMEG | CVO, EUG, OED, RBL, LMT, ENI, FJS, LKV | |
| | HOMEG-HUPTU | SAC, PYE, LIN, OAK, ECA, LMT, RBL, ENI, OED, FJS | |
| | HUPTU-STIKM | OAK, ECA, PYE, LIN, SAC, ENI, RBL | |
| | JINMO-JOGEN | CVO, HQM, LTJ, UBG, BTG, ONP, IMB, EUG, OLM, DSD, YKM, PDT, SEA | |
| Q9 | JOGEN-JUNEJ | LTJ, IMB, UBG, EUG, CVO, RBL, LMT, FMG, DSD, LKV, OED, BTG | |
| | JUNEJ-JAGWA | RBL, LMT, FMG, LIN, SAC, ECA, ENI, MOD, SWR, OAK, LKV, CZQ, AVE, SNS | |
| | JAGWA-AVENAL | OAK, MOD, ECA, EHF, PRB, AVE, SNS, CZQ | |
| | SUMMA-SMIGE | OLM, UBG, SEA, YKM, BTG, ONP, IMB, HQM, PDT, EUG, LTJ, CVO, DSD, OED, EPH, MWH | |
| Q11 | SMIGE-SUNBE | IMB, UBG, EUG, IMB, RBL, LMT, FMG, SAC, OED, CVO, LKV, DSD, BTG | |
| | SUNBE-REBRG | RBL, LMT, FMG, SAC, ECA, MVA, CZQ, OAK, EHF, PMD, LKV, LIN, MOD, AVE, OED, SWR | |
| | REBRG-DERBB | CZQ, PMD, EHF, LAX, RZS, AVE, MOD, ECA | |
| | PAAGE-PAWLI | EPH, UBG, CVO, EUG, HQM, YKM, OLM, PDT, BTG, ONP, IMB, LTJ, DSD, LKV, OED, SEA | |
| Q13 | PAWLI-PITVE | EUG, FMG, SAC, IMB, LKV, OED, DSD, RBL, LMT, CVO, REO | |
| | PITVE-PUSHH | FMG, SAC, LIN, SWR, MOD, OAL, RBL, LKV, LMT, MVA, CZQ | |
| | PUSHH-LOS ANGELES | SAC, ECA, FMG, LIN, OAL, MOD, EHF, LAX, PMD, PDZ, HEC, OCN, CZQ, AVE, RZS | |
| | All segments | GNSS required | |
| Q15 | All segments | GNSS required | |
| Q19 | NASHVILLE-PLESS | BNA, BWG, CSX, ENL, FAM, GQO, IJU, PXV, STL | |
| | PLESS-ST LOUIS | AXC, CSX, ENL, FAM, PXV, SPI, STL, UIN | |
| | ST LOUIS-DES MOINES | ALO, AXC, CID, CSX, DSM, ENL, FAM, FOD, LOW, IRK, LMN, OVR, SPI, STL, UIN | |
| | DES MOINES-SIOUX FALLS | ALO, CID, DSM, FOD, FSD, LOW, IRK, LMN, MCW, ONL, OVR, RWF | |
| Q20 | SIOUX FALLS-ABERDEEN | ABR, FAR, FOD, FSD, ONL, RWF | |
| | CORONA-HONDS | CNX, ABQ, ACH, ONM, TXO, LVS, TCC, CME | |
| | HONDS-UNNOS | CNX, INK, CME, TXO, TCC | |
| | UNNOS-FUSCO | FST, ACH, INK, CME, SGT, TXO, TCC | |
| Q21 | FUSCO-JUNCTION | ABI, CWK, CSI, INK, LZZ, JCT, SGT, STV, FST | |
| | JONEZ-RAZORBACK | BYP, EOS, TUL, TXK, ADM, RZC, OKM | |
| | Q22 | GUSTI-OYSTY | AEX, LFT, LLA, VUH, LCH |
| | | OYSTY-ACMES | LEV, HRV, PCU, ROR, MCB |
| ACMES-CATLN | | BFM, HRV, CEW, GCV, MCB | |
| CATLN-TWOUUP | | CEW, MGM, MVC, SJI, MEI | |
| TWOUUP-SPARTANBURG | | PDK, MCN, AHN, GOO, ODF | |
| SPARTANBURG-NYBLK | | CAE, SPA, IRQ, SUG, ODF | |
| Q23 | NYBLK-MASHI | SPA, BZM, GRD, CLT, GSO | |
| | MASHI-KIDDO | SPA, BZM, GRD, CLT, GSO | |
| | KIDDO-OMENS | SBV, LIB, PSK, GSO, RDU | |
| | OMENS-BEARI | GVE, FAK, PSK, RIC, RDU | |
| Q24 | FORT SMITH-RAZORBACK | OKM, RZC, EOS, TUL | |
| Q25 | LAKE CHARLES-FIGHTING TIGER | AEX, DAS, LCH, MCB, LFT, LSU | |
| | FIGHTING TIGER-IRUBE | AEX, LEV, MCB, LCH, RQR, HRV, LSU, GCV, PCU, SJI, LBY | |
| | IRUBE-PAYTN | GCV, MCB, JYU, PCU, MEI, HRV, CEW, SJI | |
| | MEEOW-WALNUT RIDGE | ELD, MEM, LIT, FAM, RZC, EIC, TXK, ARG, GQE | |
| Q26 | WALNUT RIDGE-WLSUN | MEM, STL, BWG, PXV, ENL, FAM, ARG, BNA, CSX, TTH | |
| | WLSUN-POCKET CITY | BWG, PXV, ENL, BNA, TTH | |
| Q27 | WALNUT RIDGE-DEVAC | LIT, JKS, GQO, MEM, BNA, FAM, ARG, DYR, VUZ, RMG | |
| Q27 | FORT SMITH-ZALDA | OKM, SGF, RZC, EOS, TUL | |

| Route | Segment | DME | |
|--------------------------|---------------------|--|--|
| Q28 | GRAZN-PYRMD | EIC, LIT, ELD, OKM, TXK | |
| | PYRMD-HAKAT | ARG, LIT, FAM, ELD, SGF, RZC, MEM, TXK | |
| | HAKAT-ESTEE | ARG, LIT, FAM, SGF, MEM | |
| Q29 | ESTEE-POCKET CITY | ARG, CSX, FAM, PXV, ENL, MEM, STL, BWG, TTH, BNA | |
| | HARES-BAKRE | AEX, EIC, ELD, LIT, MEM, MHZ, SQS, SWB, TXK | |
| | BAKRE-MEMPHIS | ARG, ELD, LIT, MEM, MHZ, SQS | |
| | MEMPHIS-OMDUE | ARG, BNA, FAM, LIT, MEM, PXV, SQS | |
| | OMDUE-SIDAE | ARG, BNA, BWG, ENL, FAM, IIU, MEM, PXV | |
| | SIDAE-CREEP | APE, BNA, BWG, ENL, FLM, FWA, IIU, OKK, PXV, ROD, TTH, VHP | |
| | CREEP-KLYNE | PAE, CRL, DJB, DXO, FLM, FWA, IIU, OKK, ROD, VHP | |
| | KLYNE-DUTSH | APE, CRL, CXR, DJB, DXO, FWA | |
| | DUTSH-WWSHR | APE, CRL, CXR, DJB, DXO, EWC | |
| | WWSHR-DORET | APE, CRL, CXR, DJB, DXO, EWC | |
| | DORET-JAMESTOWN | BUF, CXR, DJB, DKK, DXO, ETG, EWC, JHW, PSB, SLT | |
| | JAMESTOWN-HANKK | bfd, BUF, DKK, ELZ, ETG, EWC, GEE, HNK, JHW, PSB, ROC, SLT, SYR, TDT | |
| | HANKK-GONZZ | BUF, DKK, GEE, HNK, HUO, ITH, JHW, MSS, ROC, SLT, SYR | |
| | GONZZ-KRAZZ | BUF, GFL, GGT, HNK, HUO, MSS, PUT, SYR | |
| | KRAZZ-NIPPY | GFL, HNK, HUO, MSS, PUT, SYR | |
| | NIPPY-CABCI | BGR, BTV, ENE, GFL, MPV, MSS, PUT | |
| | Q30 | CABCI-EBONY | AUG, BGR, ENE, MLT, MPV, MSS, PNN, PQI |
| EBONY-DUNOM | | BGR, MLT, PNN | |
| DUNOM-US CANADIAN BORDER | | BGR, MLT, PNN | |
| SIDON-VULCAN | | GLH, MEM, VUZ, JAN, JYU, MEI, MGM, SQS, RMG | |
| Q31 | | DHART-JODOX | SQS, LIT, TXK |
| | | JODOX-MARVELL | SQS, LIT, ELD, MEM, ARG |
| | | MARVELL-TIIDE | ARG, BWG, PXV, FAM, LIT, MEM, ENL, TTH |
| Q32 | | TIIDE-POCKET CITY | BWG, PXV, ENL, TTH |
| | | EL DORADO-GAGLE | AEX, JAN, MEM, SQS, SWB, ELD, LIT, TXK |
| | | GAGLE-CRAMM | JAN, SQS, MEM, ARG, VUZ, BNA, LIT |
| Q33 | CRAMM-NASHVILLE | BWG, MEM, VUZ, BNA, GQO | |
| | NASHVILLE-SWAPP | BWG, IIU, PXV, VXV, BNA, GQO | |
| | DHART-LITTLE ROCK | AEX, ELD, LIT, TXK, SWB, ARG, MEM, SQS | |
| Q34 | LITTLE ROCK-PROWL | ELD, SGF, FAM, LIT, ARG, MEM, RZC, CSX, STL | |
| | TEXARKANA-MATIE | LIT, SWB, TXK, BYP, EIC, ELD, SQS | |
| | MATIE-MEMPHIS | LIT, ARG, MEM, ELD, SQS | |
| Q35 | MEMPHIS-SWAPP | BWG, ARG, MEM, MKL, SQS, PXV, BNA, GQO, IIU, VXV | |
| | DRAKE-CORKR | TFD, INW, GCN, FLG, PGS, DRK, BLD, BCE, TBC | |
| | CORKR-WINEN | DRK, INW, PGS, TBC, MLF, ILC, BLD, BCE, CDC | |
| | WINEN-NEERO | BCE, MLF, CDC, ELY, DTA, ILC, BVL, REO, BAM, SDO, BQU | |
| | NEERO-KOATA | REO, LKV, BOI, PDT, BAM, IMB, DSD | |
| Q36 | KOATA-KIMBERLY | LKV, REO, PDT, DSD, LTJ | |
| | RAZORBACK-TWITS | RZC, MEM, SGF, BUM, TUL, EOS, FAM, ARG, LIT | |
| | TWITS-DEPEC | MEM, GQO, BNA, BWG, FAM, ARG, PXV, IIU | |
| | DEPEC-NASHVILLE | GQO, BWG, BNA, PXV, IIU | |
| Q37 | NASHVILLE-SWAPP | VXV, BWG, BNA, GQO, PXV, IIU | |
| | FORT STOCKTON-CAVRN | SJT, ELP, INK, CME, FST | |
| | CAVRN-YORUB | TXO, ELP, CME, INK, FST, SJT | |
| | YORUB-IMMAS | CME, ABQ, TXO, ACH, FTI, CNX, TCC, CIM, INK | |
| | IMMAS-PUEBLO | FTI, CIM, ALS, PUB, LAA, HGO, FQF, DVV, DEN, BVR, BJC, AKO, ACH, TCC, TXO, CNX | |
| Q38 | ROKIT-INCIN | DAS, LCH, SWB, IAH, LFK, HUB, AEX | |
| | INCIN-LAREY | JAN, MCB, SWB, AEX | |
| | LAREY-BESOM | JAN, JYU, MEI, SQS, VUZ | |
| Q39 | CLAWD-TARCI | AIR BKW GSO HNN HVQ PSK RDU SPA | |
| | TARCI-ASERY | AIR HVQ BKW HNN | |

| Route | Segment | DME | |
|-----------------|-------------------|---|--|
| Q40 | ALEXANDRIA-DOOMS | LCH, SWB, AEX, MCB, HEL | |
| | DOOMS-WINAP | JAN, SWB, AEX, MCB, HEZ | |
| | WINAP-MISLE | JAN, SQS, MEI, MCB | |
| | MISLE-BFOLO | LDK, VUL, OKW, MEL, JYU | |
| | BFOLO-NIOLA | LGC, VUZ, GOO, RMG, GAD | |
| | NIOLA-JAARE | ATL, ODF, GOO, RMG, VXV | |
| | JAARE-OJESS | SPZ, ODF, GOO, SOT, VXV | |
| | OJESS-ALEAN | SPA, ODF, HMV, SOT, VXV | |
| | ALEAN-FEEDS | BLF, BKW, HMV, GZG, GSO | |
| | FEEDS-MAULS | BLF, BKW, LWB, ROA, GSO | |
| | MAULS-FANPO | FAK, RIC, MOL, GVE, CSN | |
| | Q42 | KIRKSVILLE-STRUK | CID, IOW, UIN, LMN, IRK, BDF, STL, DEC, ENL, CSX |
| | | STRUK-DANVILLE | ENL, IOW, UIN, BDF, DEC, STL, CSX, SPI, TTH, BVT, JOT, VHP, OXI, ENL, OKK, OBK, GIJ, FWA, GSH, IRK |
| DANVILLE-MUNCIE | | GIJ, SPI, BDF, OBK, OKK, VHP, BVT, DEC, GSH, FWA, JOT, TTH, OXI, ROD, FLM | |
| MUNCIE-HIDON | | FLM, VHP, GSH, TTH, GIJ, OKK, FWA, ROD, OXI, CRL, GSH, APE, DJB, DXO, HNN, AIR, HVQ, CXR, EWC | |
| HIDON-BUBAA | | AIR, APE, HNN, CXR, HVQ, EWC, DJB | |
| BUBAA-PSYKO | | AIR, APE, DJB, CXR, HNN, EWC, SLT, CSN, JHW, ETG, PSB | |
| PSYKO-BRNAN | | PSB, JHW, EWC, AIR, ETG, CSN, EMI, SLT | |
| BRNAN-HOTEE | | SLT, PSB, THS, ETG, RAV, THS, HAR, SEG, LRP, EMI | |
| HOTEE-MIKYG | | RAV PSB LRP EMI RBV PTW HNK HUO SIE HNK SAX | |
| MIKYG-SPOTZ | | FJC SIE CYN LRP SAX JFK PTW ETX EMI | |
| SPOTZ-ZIMMZ | | BWZ SAX CYN ETX HNK | |
| Q50 | | LOUISVILLE-HELUB | HYK, FLM, IIU, ABB, EWO, BWG |
| | | HELUB-ENGRA | HYK, FLM, IIU, LOZ, BWG, VXV |
| | ENGRA-IBATE | HYK, FLM, IIU, LOZ, AZO, VXV | |
| Q52 | IBATE-CUBIM | AZQ, FLM, IIU, LOZ, VXV | |
| | CHOPZ-IPTAY | ODF, RMG, MCN, AHN, IRQ | |
| Q54 | IPTAY-AWYAT | IRQ, CLT, SPA, GRD, CAE | |
| | AWYAT-COLZI | BZM, RDU, SPA, PSK, GSO | |
| Q56 | GREENWOOD-NYLLA | IRQ, SPA, CAE, GRD, ELW, FLO, ODF | |
| | NYLLA-CHYPS | CAE, IRQ, GRD, SPA, CLT, CTF, FLO, GSO | |
| | CHYPS-AHOEY | CAE, SPA, GSO, CLT, RDU, FLO | |
| | AHOEY-RAANE | SPA, FLO, GSO, RDU, SDZ, CTF | |
| Q58 | RAANE-NUTZE | ILM, SDZ, RDU, TYI, FLO, LIB, ORF, GSO, ISO, FAY | |
| | CATLN-KBLER | ATL, CEW, GRD, JYU, LGC, MCN, MEL, MGM, MVC, ODF, PDK, PZD, RMG, SJI, TGE, VUZ | |
| | KBLER-KELLN | AHN, ATL, CAE, ELW, GRD, IRQ, MCN, ODF, RMG, SPA | |
| | KELLN-KTOWN | CAE, CLT, FLO, GRD, GSO, IRQ, ODF, SPA | |
| | KTOWN-BYSCO | CAE, CLT, FLO, GRD, GSO, LIB, PSK, RDU, SPA | |
| | BYSCO-JOOLI | FLO, GSO, LIB, PSK, RDU | |
| | JOOLI-NUUMN | FAK, GSO, LIB, PSK, RDU, SBV | |
| | NUUMN-ORACL | FAK, GSO, GVE, LIB, PSK, RDU, RIC, SBV | |
| | ORACL-KIWII | FAK, GSO, GVE, RDU, RIC, SBV | |
| | Q60 | KELLN-GLOVR | FLO, GRD, GSO, ODF, CAE, CLT, SPA, ELW, IRQ, RDU, ODF, LIB |
| | | GLOVR-LUMAY | FLO, GSO, RDU, LIB, CLT, SPA, SDZ |
| | | LUMAY-STUKI | FLO, GSO, RDU, LIB, SDZ, PSK |
| | | STUKI-PEETT | FAK, PSK, GSO, RDU, RIC, LIB, SBV, GVE |
| Q60 | SPARTANBURG-BYJAC | GRD, RDU, SUG, CLT, GSO, ODF, PSK, CAE, SPA, LIB, BZM, IRQ | |
| | BYJAC-EVING | RDU, GSO, PSK, LIB | |
| | EVING-LOOEY | RDU, GSO, PSK, GVE, SBV, FAK, LIB | |
| | LOOEY-JAXSN | RDU, GSO, RIC, PSK, GVE, SBV, FAK | |

| Route | Segment | DME | |
|-------------------|------------------|--|-------------------------|
| Q62 | WATSN-DAIFE | OKK, OXL, BVT, GIJ, GRR, GSH, FWA | |
| | DAIFE-NOLNN | GSH, BVT, OKK, OXI, ROD, CRL, FWA, GIJ, DXO, GRR, PMM | |
| | NOLNN-WEEVR | DXO, GIJ, DJB, ROD, FWA | |
| | WEEVR-PSKUR | APE, VWV, DJB, ROD, CRL, GSH, SKY, DXO, CXR, DJB, MFD | |
| | PSKUR-FAALS | CRL CXR DJB SKY APE DXO EWC MFD AIR ACO BSV YNG ACO | |
| | FAALS-ALEEE | YNG ACO EWC DJB AIR | |
| | ALEEE-QUARM | CXR JHW EWC DJB AIR ETG CIP PSB MMJ | |
| | QUARM-BURNI | PSB JHW TON JST EWC PSB SLT REC ETG | |
| | BURNI-MCMAN | SEG ETG TON SLT EMI | |
| | MCMAN-VALLO | SEG, PSB, TON, SLT, EMI | |
| | VALLO-RAVINE | SEG MIP RAV SLT EMI HAR ETG PSB | |
| | RAVINE-SUZIE | SAX, EMI, RBV, MIP, PSB, LRP, ETG, PTW | |
| | SUZIE-SARAA | LRP, SIE, SAX, PTW, ETX | |
| Q63 | DOOGE-HAPKI | GZG VXV AZQ BKW HVQ | |
| | HAPKI-TONIO | HVQ VXV AZQ FLM HNN | |
| | TONIO-OCASE | HYK IJU CVG FLM | |
| Q64 | OCASE-HEVAN | ROD IJU CVG RID VHP | |
| | CATLN-FIGEY | AHN, ATL, CAE, CEW, CSG, ELW, GRD, IRQ, JYU, LGC, MCN, MEL, MGM, MVC, ODF, PZD, RMG, SJI, SPA, TGE | |
| | FIGEY-GREENWOOD | AHN, CAE, ELW, GRD, IRQ, MCN, ODF, SPA | |
| | GREENWOOD-DARRL | CAE, CLT, ELW, FLO, GRD, GSO, IRQ, ODF, SPA | |
| | DARRL-IDDAA | CAE, CLT, CTF, FLO, GRD, GSO, IRQ, LIB, RDU, SDZ, SPA | |
| | IDDAA-TAR RIVER | CTF, FAK, FAY, FLO, GSO, ILM, LIB, ORF, RDU, RIC, SDZ, SPA, TYI | |
| | Q65 | JEFOI-CESKI | DBN IRQ MCN OTK PZD |
| | | CESKI-DAREE | ODF GRD HRS VXV RMG |
| | | DAREE-LORNN | ODF GQO HRS VXV RMG |
| | | LORNN-SOGEE | BWG, IJU, LOZ, VXV, FLM |
| | | SOGEE-ENGRA | BWG IJU LOZ HYK FLM |
| | | ENGRA-OCASE | CVG IJU FLM HYK |
| | Q66 | OCASE-ROSEWOOD | FWA DQN FLM ROD APE |
| LITTLE ROCK-CIVKI | | ELD, PBF, ARG, MEM | |
| CIVKI-RICKX | | GOE, UJM, LIT, ARG, MEM | |
| RICKX-TROVE | | SOS, HLI, VUZ, BNA, MEM | |
| TROVE-BAZOO | | VXV, SYI, GOO, BNA, BWG | |
| BAZOO-METWO | | VXV, LVT, GOO, HCH, BWG | |
| METWO-MXEEN | | VXV, LVT, GOO, HCH, BNA | |
| MXEEN-ALEAN | | VXV, FLM, GOO, HCH, BWG | |
| Q67 | SMTTH-CEMEX | GQO, IJU, BWG, FLM, ODF, VXU | |
| | CEMEX-IBATE | GQO, IJU, FLM, VXU | |
| | IBATE-TONIO | IJU, FLM, BKW, VXU | |
| | TONIO-JONEN | IJU, FLM, BKW, HNN, HVQ, VXV | |
| | JONEN-DARYN | GQO, IJU, BWG, FLM, ODF, VXU | |
| Q68 | CHARLESTON-TOMCA | FLM, HNN, BKW, HVO, AIR, PSK, EKN | |
| | TOMCA-RONZZ | AIR, HNN, EKN, HVO, BKW, PSK, GVE | |
| | RONZZ-HHOLZ | AIR, GVE, EKN, HVO, BKW, CSN, HNN, PSK | |
| | HHOLZ-HAMME | CSN, GVE, FAK, ESL, LDN, BKW, EKN, HVO | |
| | HAMME-CAPOE | CSN, EMI, FAK, ESL, LDN, GVE, RIC, AML, BKW, EKN | |
| Q69 | CAPOE-OTTTO | LDN, EMI, GVE, ESL, RIC, CSN, AML | |
| | BLAAN-RYCKI | CHS, GRD, CLT, BZM, FLO, SPA, GSO, CAE, CTF, RDU, BKW, VAN, IRQ, PSK | |
| | RYCKI-LUNDD | ROA, GSO, RDU, BKW, PSK | |
| | LUNDD-ILLSA | ROA, GSO, LWB, PSK, BKW, HVQ, RDU | |
| | ILLSA-EWESS | ROA, PSK, LWB, GVE, HNN, BKW, EKN, HVQ, GSO | |
| | EWESS-RICCS | AIR, HVQ, HNN, PSK, BKW, GVE | |

| Route | Segment | DME |
|------------|--------------------|--|
| Q70 | HAILO-LAS VEGAS | BLD, BTY, EED, LAS |
| | LAS VEGAS-IFEYE | BLD, EED, LAS, PGS |
| | IFEYE-BLIPP | BLD, ILC, EED, LAS, PGS |
| | BLIPP-EEVUN | BLD, ILC, CDC, LAS, PGS, MLF |
| | EEVUN-BLOBB | BLD, ILC, CDC, MLF, PGS |
| | BLOBB-BAWER | BCE, ILC, MLF |
| Q71 | BAWER-SAKES | FFU, DVC, BCE, ILC, DTA, HVE, JNC, PUC, MTU |
| | BOBBD-ATUME | FLM, AZO, BKW, VXV |
| | ATUME-HAPKI | FLM, AZO, BKW, VXV, HVQ |
| | HAPKI-KONGO | HNN, AZO, BKW, GZG, HVQ |
| | KONGO-WISTA | HNN, HVQ, BKW, PSK |
| | WISTA-GEFFS | HNN, HVQ, BKW, AIR |
| Q72 | GEFFS-EMNEM | AIR, BKW, EWC, HNN, HVQ |
| | EMNEM-PSYKO | AIR, ETG, EWC, PSB, SLT |
| | PSYKO-PHILIPSBURG | AIR, EMI, ETG, EWC, JHW, PSB, SLT |
| | HACKS-GEQUE | AIR, CKB, APE, HVQ, JPU, EKN, BKW, HNN, MGW |
| | GEQUE-BENSH | AIR, EKN, MGW, HVQ, CKB, ESL, CSN, GVE, LDN, EMI, HNN, BKW |
| | BENSH-RAMAY | AML, EMI, GVE, MRB, CSN, MGW, ESL, AIR, LDN, EK |
| Q73 | All segments | GNSS required |
| Q74 | NATEE-BOULDER CITY | PGS, BLD, EED, LAS |
| | BOULDER CITY-ZAINY | ILC, BCE, PGS, BLD, EED, LAS |
| | ZAINY-FIZZL | ILC, BCE, PGS, BLD, CDC, LAS, MLF |
| | FIZZL-GARDD | BCE, PGS, BLD, MLF, TBC |
| Q78 | GARDD-DEANN | BCE, PGS, HVE, TBC |
| | MARUE-DUGGN | BLD, DRK, EED, LAS, PGS, PKE, TBC |
| Q80 | DUGGN-TOADD | ZUN, BCE, ELD, DRK, FLG, INW, LAS, PGS TBC, PKE |
| | FAREV-JEDER | BWG, IIU, FLM, VXV, LOZ, HYK |
| | JEDER-ENGRA | HYK, IIU, FLM, VXV, LOZ, AZQ, BWG |
| | ENGRA-DEWAK | HVQ, IIU, FLM, AZQ, HNN, ECB, BKW, LOZ, VXV, HYK |
| | DEWAK-CEGMA | ECB, BKW, FLM, AZQ, HNN, HVQ |
| | CEGMA-JONEN | ECB, BKW, AZQ, HNN, FLM, HVQ |
| | JONEN-BULVE | ECB, HVQ, FLM, BKW, HNN, AZQ |
| | BULVE-WISTA | ECB, HVQ, BKW, HNN, FLM |
| | WISTA-LEVII | HNN, HVQ, FLM, BKM, PSK, AIR, EKN |
| | LEVII-RONZZ | HNN, HVQ, AIR, EKN, PSK, BKW, FLM, GVE |
| | RONZZ-HHOLZ | GVE, HVQ, AIR, EKN, BKW, CSN, PSK, HNN |
| Q82 | HHOLZ-HAMME | GVE, ESL, CSN, EKN, BKW, FAK, LDN, HVQ, AIR |
| | HAMME-CAPOE | EMI, ESL, CSN, FAK, LDN, GVE, RIC, AML, BKW, EKN |
| | CAPOE-OTTTO | LDN, EMI, GVE, ESL, RIC, CSN, AML |
| | WWSHR-DORET | AIR, APE, CRL, CXR DJB, DKK, DXO, EWC JHW, SLT |
| | DORET-JAMESTOWN | BUF, CXR, DJB, DKK ETG, EWC, JHW, PSB, SLT |
| | JAMESTOWN-WAYLA | BUF, CXR, DKK, ETG, EWC JHW, PSB, SLT, SYR |
| | WAYLA-VIEEW | BUF, DKK, ETG, HNK JHW, PSB, SLT, SYR |
| | VIEEW-MEMMS | BUF, ETG, HNK, JHW SAX, SLT, SYR |
| | MEMMS-LOXXE | HNK, HUO, SAX, SLT, SYR |
| | LOXXE-PONCT | HNK, HUO, SAX, SLT, SYR |
| Q84 | JAMESTOWN-AUDIL | BUF, DKK, ETG, EWC, HNK, JHW, MSS, PSB, SAX, SLT, SYR |
| | AUDIL-PUPPY | BUF, HNK, MSS, SAX, SYR |
| | PUPPY-PAYGE | HNK, MSS, PUT, SAX, SYR |
| | PAYGE-CAMBRIDGE | HNK, MSS, PUT, SAX, SYR |
| Q86 | TTRUE-YORRK | BLD, BLH, EED, IPL, PKE |
| | YORRK-SCHLS | BLD, DRK, EED, PGS, PKE |
| | SCHLS-CUTRO | BLD, DRK, EED, PGS, TBC |
| | CUTRO-VALEQ | DRK, INW, PGS, TBC |
| Q86 | VALEQ-PLNDL | DRK, INW, PGS, TBC |

| Route | Segment | DME |
|-------------|-----------------------|---|
| Q88 | HAKMN-ZZYX | PGS, BLD, EED, LAS |
| | ZZYX-LAKRR | PGS, BLD, EED, LAS, PKE |
| | LAKRR-NOOTN | PGS, ILC, BCE, BLD, CDC, EED, LAS, PKE |
| | NOOTN-GARDD | PGS, ILC, BCE, BLD, LAS, MLF, TBC |
| | GARDD-VERKN | PGS, BCE, BLD, HVE, MLF, TBC |
| Q90 | VERKN-PROMT | BCE, HVE, TBC |
| | PROMT-CHESZ | PUC, JNC, BCE, DVC, HVE, TBC |
| | DNERO-ESGEE | BLD, EED, LAS, PGS, PKE |
| | ESGEE-AREAF | BLD, BLH, DRK, LAS, PGS, PKE, EED |
| | AREAF-JASSE | FLG, BCE, BLD, DRK, INW, PGS, TBC |
| Q94 | WELUM-MNGGO | PGS, DRK, BLD, EED, LAS, PKE |
| | MNGGO-ROOLL | PGS, DRK, BCE, FLG, LAS, TBC, PKE, BLD |
| Q96 | PURSE-DODDL | BLD, EED, LAS |
| | DODDL-BFUNE | BLD, EED, LAS, PGS, PKE |
| | BFUNE-GUNTR | ILC, BLD, EED, LAS, PGS, PKE |
| | GUNTR-PIIXR | ILC, BLD, CDC, LAS, PGS |
| | PIIXR-FIZZL | ILC, BLD, CDC, LAS, MLF, PGS |
| | FIZZL-BAWER | BCE, ILC, BLD, MLF, PGS |
| | BAWER-ROCCY | BCE, ILC, DTA, HVE |
| | ROCCY-SARAF | BCE, ILC, DTA, HVE, PUC |
| | SARAF-KIMMR | BCE, HVE, JNC, MTU, PUC |
| | Q98 | HAKMN-ZZYX |
| ZZYX-LAKRR | | PGS, BLD, EED, LAS, PKE |
| LAKRR-DUZIT | | PGS, BCE, BLD, EED, LAS, PKE |
| DUZIT-EEEZY | | PGS, BCE, BLD, DRK, LAS, TBC, HVE |
| EEEZY-PEEWE | | DVC, PGS, BCE, DRK, HVE, TBC, BLD |
| Q103 | PULASKI-ASBUR | GSO, GVE, HNN, HVO, PSK |
| | ASBUR-OAKLE | BKW, HNN, HVO, PSK |
| | OAKLE-PERRI | BKW, HNN, HVO, PSK |
| | PERRI-PERKS | AIR, BKW, HNN, HVO, PSK |
| | PERKS-RICCS | AIR, BKW, HNN, HVO |
| | RICCS-EMNEM | AIR, APE, BKW, EWC, HNN, HVQ |
| Q104 | EMNEM-AIRRA | AIR, APE, CXR, DKK, ETG, EWC, HNN, JHW, PSB |
| | DEFUN-HEVVN | PIE, PZD, CRG, SZW, TAY, JYU, CEW, MGM, OTK, CRG |
| | HEVVN-PLYER | PIE, ORL, OMN, SRQ, TAY, LAL, CRG, SZW, PZD |
| | PLYER-SWABE | PIE, ORL, OMN, SRQ, TAY |
| | SWABE-ST PETERSBURG | LAL, ORL, OMN, SRQ, PHK, PIE |
| Q106 | ST PETERSBURG-CYPRESS | PHK, PBI, SRQ, PIE VRB, ORL, FLL, LAL, OMN |
| | SMELZ-BULZI | LAL, ORL, OMN, PHK, PIE, CRG, VRB, TAY, OTK, PZD, AMG, SZW |
| | BULZI-DRABK | AMG, PZD, TAY, CRG, SZW, MGM, OTK, JYU, CEW, SJI |
| Q108 | DRABK-GADAY | MGM, PZD, OTK, JYU, SZW, CEW, SJI |
| | GADAY-HKUNA | CEW, JYU, MGM, SZW, RRS, PZD, MAI, OTK, GEF, MGR, TAY, AMG, GRG |
| Q110 | BLANS-BETIE | BNA, BWG, CNG, ENL, FAM, GHM, MWA, PXV |
| | BETIE-BFOLO | BNA, BWG, DCU, GHM, GQO, JKS, MSL, RMG, ROZ, VUZ |
| | BFOLO-JYROD | ATL, GAD, GQO, JYU, LGC, MGM, RMG, TDG, VUZ |
| | JYROD-FEONA | ATL, CSG, EUF, JYU, LGC, MCN, MGM, OTK, PZD, RMG, SZW, TGE, VUZ |
| | FEONA-GULFR | AMG, EUF, GEF, LGC, MCN, MGM, MGR, OTK, PZD, SZW, TAY |
| | GULFR-BRUTS | AMG, CRG, CTY, GEF, OTK, PIE, PZD, SZW, TAY |
| | BRUTS-KPASA | CRG, CTY, LAL, OCF, OMN, ORL, OTK, PIE, SRO, SZW, TAY, TRV |
| | KPASA-RVERO | DHP, FLL, LAL, LBV, OMN, ORL, PBI, PHK, PIE, SRO, TRV |
| | RVERO-JAYMC | DHP, FLL, LAL, LBV, ORL, PBI, PHK, PIE, RSW, SRO, TRV |
| | JAYMC-THNDR | DHP, FLL, LAL, LBV, ORL, PBI, PHK, RSW, SRO, TRV, VKZ, ZBV |
| Q112 | INPIN-HEVVN | JYU, PZD, CEW, SZW, MGM, OTK, TAY, AMG, PIE, CRG |
| | HEVVN-DEFUN | PIE, OTK, CRG, OMN, LAL, SZW, SRQ, ORL, VRB |
| Q114 | NATEE-BOULDER CITY | PGS, BLD, EED, LAS |
| | BOULDER CITY-ZAINY | PGS, ILC, BLD, EED, LAS |
| | ZAINY-AHOWW | PGS, ILC, BLD, CDC, LAS, MLF |
| | AHOWW-BAWER | PGS, ILC, BCE, DTA, HVE, MLF, TBC |
| | BAWER-BUGGG | ILC, BCE, DTA, DVC, HVE, JNC, MTJ, MTU, PUC, TBC |

| Route | Segment | DME |
|-------------|---|---|
| Q116 | KPASA-BRUTS BRUTS-GULFR GULFR-CEEYA | SRQ, VRB, ORL, PHK, TAY, PIE, OMN, OTK, LAL, CRG, SZW, AMG OMN, AMG, CRG, TAY, LAL, PZD, SZW, OTK MCN, AMG, PZD, OTK, SZW, TAY |
| Q118 | MARION-HEVAN HEVAN-VOSTK VOSTK-HELUB HELUB-JEDER JEDER-GLAZR GLAZR-KAILL KAILL-JOHN JOHN-BRUTS BRUTS-KPASA | BVT, CVG, FLA, FWA, GIJ, GSH, IJU, MZZ, OKK, OXI, RID, ROD, SHB, TTH, VHP BWG, CVG, FLM, FWA, HYK, IJU, OKK, RID, ROD, TTH BWG, CVG, FLM, HYK, IJU, LOZ, VXV BWG, CVG, FLM, HYK, IJU, LOZ, LVT, VXV BNA, BWG, FLM, GQO, HCH, HYK, IJU, LOZ, LVT, VXV BNA, BWG, GQO, HCH, HRS, LGC, LVT, MCN, ODF, PDK, RMG, VXV AMG, CRG, CTY, GEF, MCN, MGR, OMN, OTK, PIE, PZD, SZW, TAY, VNA AMG, CRG, CTY, GEF, MCN, MGR, OMN, OTK, PIE, PZD, SZW, TAY CRG, CTY, LAL, OCF, OMN, ORL, OTK, PIE, SRQ, SZW, TAY, TRV |
| Q120 | ORRCA-BETBE BETBE-ZORUN ZORUN-GALLI GALLI-JAJAY JAJAY-TRAKY TRAKY-PROXI PROXI-BIG PINEY BIG PINEY-JUGIV JUGIV-HIKOX HIKOX-JASTI JASTI-UFFDA | CZQ, ECA, ENI, FMG, HZN, LIN, LLC, MOD, MVA, OAK, PYE, RBL, SAC, SDO FMG, HNZ, MVA, SDO BAM, FMG, HZN, MVA, SDO BAM, FMG, LLC, MVA, REO BAM, BQU, BVL, ELY, LCU, LLC, MLD, MVA, TWF BVL, ELY, IDA, LCU, MLD, PIH, TCH BOY, BPI, BVL, DBS, IDA, LCU, MLD, OCS, PIH, TCH BOY, BPI, CZI, DDY, OCS BOY, BPI, CZI, DDY, OCS ABR, ANW, BOY, CKW, CZI, DDY, DPR, GCC, ONL, PHP, RAP, TST ABR, ANW, BRD, DPR, FSD, GEP, ONL, PHP, RAP, RWF |
| Q121 | PARZZ-POCATELLO POCATELLO-TOUGH | LCU, DBS, PIH, MLD, TCH, IDA, BVL, BAM GCC, MLS, DIK, BIL, CZI, BOY, DBS, BPI, IDA, DNW, PIH, JAC, MLD, TCH, LCU |
| Q122 | MOGEE-MACUS MACUS-MCORD MCORD-LUCIN LUCIN-BEARR BEARR-KURSE KURSE-O'NEILL O'NEILL-FORT DODGE | LIN, OAK, ECA, PYE, HNW, MOD, SAC, SWR, FMG, HZN, LLC, MVA LLC, BAM, FMG, MVA, SDO, HZN BVL, TCH, PIH, LCU, ELY, MLD, TWF, SDO, BAM, MVA, BQU, FMG, LLC PIH, TCH, BVL, MLD, FFU, LCU, IDA PIH, TCH, BVL, LCU, MLD, OCS, BPI, CKW, MTU, BOY, CHE, RLG, CYS, BFF, CZI, DDY, GLL BFF, CYS, CDR, SNY, AIA, HCT, ONL, TDD, OBH, CUZ, FSD YKN, OBH, ONL, OFK, FSD, SUX, FOD, OVR, SPW, MCW, DSM |
| Q123 | PARZZ-COKEE | BIL, MLS, GGW, LWT, HLN, HIA, BZN, DBS, IDA, LKT, PIH, MLD, LCU, BOI, BAM, BVL |
| Q124 | MOGEE-MACUS MACUS-MCORD MCORD-SLOWN SLOWN-FASTE FASTE-BONNEVILLE BONNEVILLE-WAATS | LIN, OAK, ECA, PYE, HNW, MOD, SAC, SWR, FMG, HZN, LLC, MVA, BAM FMG, LLC, BAM, MVA, HZN, SDO BQU, SDO, BAM, MVA, FMG, LLC, HZN BQU, SDO, BAM, BVL, TWF, LCU, ELY, FFU, DTA TCH, FFU, LCU, DTA, BVL, ELY TCH, OGD, LCU, DTA, BVL, FFU |
| Q125 | PARZZ-WLLES | GTf, LWT, CTB, HLN, BZN, DLN, HIA, IDA, LKT, DBS, PIH, MLD, LCU, BVL, BOI, BAM |
| Q126 | TIPRE-INSLO INSLO-GAROT GAROT-MEEKER | MOD, PYE, ECA, ENI, SAC, LIN, CZQ, OAK, FMG, HZN, MVA, LLC, TPH, OAL CDC, DTA, BVL, FFU, MLF, ILC, ELY, BQU, MVA, OAL, TPH, HZN, LLC BVL, DTA, FFU, TCH, HVE, PUC, MTU, VEL, EKR, JNC, RIL |
| Q128 | SYRAH-JSICA JSICA-TABLL TABLL-EDLES EDLES-FLOOD FLOOD-ZAROS ZAROS-VEGUC VEGUC-VLUST VLUST-ECIGE ECIGE-MUDHO MUDHO-JILLS | CZQ, ECA, LIN, LLC, MOD, MVA, OAK, OAL, PYE, SAC, TPH. MVA, OAL, TPH, ILC, CDC, DTA, ELY, MLF, BCE, HVE, PIC, JNC, DVC, MTJ, MTU BCE, CDC, DTA, DVC, FFU, HVE, ILC, JNC, MLF, MTJ, MTU, PUC. JNC, PUC, HVE, MTU, DVC, HBU, MTJ, RSK, EKR, ETL, ALS, RLG, FQF, HGO, PUB, BJC, LAA AKO, BJC, DEN, FCS, FQF, DVV, GCK, GLD, HGO, LAA, LBL, PUB. EOS, GCK, GLD, HLC, ICT, IFI, LAA, LBL, MMB, OKM, PER, PUB, TUL EOS, ICT, OKM, PER, RZC, SGF, TUL. ARG, EOS, LIT, OKM, RZC, SGF, SQS, TUL. ARG, LIT, MEM, SQS. ARG, JYU, MEI, MEM, MGM, MHZ, SQS, VUZ. |

| Route | Segment | DME | |
|--------------------------|------------------------------|--|------------------------------|
| Q130 | SYRAH-JSICA | CZQ, ENI, FMG, LIN, MOD, MVA, OAK, OAL, PYE, SAC, TPH | |
| | JSICA-REANA | BLD, CDC, DTA, ELY, ILC, MLF, MVA, OAL, TPH | |
| | REANA-ROCCY | BCE, CDC, DTA, MLF, HVE, TBC, PUC, ILC | |
| | ROCCY-HASSL | BCE, DTA, DVC, HVE, PUC, TBC | |
| | HASSL-TAHIB | BCE, DVC, GUP, HVE, RSK, TBC | |
| | TAHIB-DIXAN | ABQ, ACH, ALS, DVC, FTI, GUP, RSK | |
| | DIXAN-MIRME | ABQ, ACH, CIM, FTI, TCC, TXO | |
| | MIRME-PANHANDLE | ACH, CIM, LBL, PNH, TCC, TXO | |
| | Q132 | WEBGO-ANAHO | LLC, HZN, FMG, SAC, SWR, LIN |
| | | ANAHO-MYBAD | LLC, HZN, FMG, SDO |
| MYBAD-ZERAM | | LLC, BAM, REO, MVA, SDO | |
| ZERAM-MAGPY | | LLC, SDO, BAM, REO, MVA, FMG | |
| Q134 | DUGLE-TATOO | MOD, SAC, CZQ, ECA, LIN, OAL, MVA, TPH, LLC | |
| | TATOO-JULIK | MVA, OAL, TPH, ILC, DTA, BVL, CDC, ELY, MLF, BCE, HCE | |
| | JULIK-HERSH | BCE, MLF, DTA, HVE, CDC, TCH, PUC, MTU | |
| Q136 | HERSH-VOAXA | HVE, PUC, MTU, JNC, MTJ, EKR, RIL, DBL, RLG, FQF | |
| | COALDALE-RUMPS | TPH, MVA, OAL | |
| Q138 | RUMPS-KATTS | TPH, MVA, OAL, HZN, ILC | |
| | KATTS-WEEMN | TPH, MVA, CDC, DTA, ILC, ELY, MLF, BVL, BCE, FFU, HVE, MTU, PUC, JNC, DVC, MTJ | |
| | WEEMN-VOAXA | HVE, PUC, MTU, MTJ, JNC, EKR, RIL, DBL, RLG, FQF | |
| | WILLIAMS-FIMUV | ENI, RBL, MXW, PYE, ECA, ILA, LIN, SAC, FMG, SWR, HZN | |
| Q140 | FIMUV-JENSA | FMG, RBL, HZN, LIN, SAC, LLC | |
| | JENSA-PUHGI | HZN, BAM, FMG, MVA, SDO, LLC | |
| | PUHGI-ROOHZ | REO, LLC, BAM, SDO, BQU | |
| | ROOHZ-PARZZ | PIH, BVL, LCU, BAM, BQU, REO, SDO, LLC | |
| | PARZZ-UROCO | BOY, MLD, IDA, DBS, BPI, PIH, BVL, TCH, LCU, BAM | |
| | UROCO-RICCO | CZI, DDY, BOY, RLY, COD, BPI, DA, DBS, MLD | |
| | RICCO-MOTLY | DIK, GCC, RAP, DPR, CZI, DDY, BOY, SHR | |
| | MOTLY-DKOTA | ABR, DIK, DPR, FAR, FSD, GCC, RAP, RWF | |
| | DKOTA-WELOK | ABR, BRD, DLH, FAR, GEP, FSD, RWF | |
| | WELOK-CESNA | BRD, DLH, FAR, FGT, GEP, ODI, RWF | |
| | CESNA-GUUME | BRD, DLH, FGT, GEP, ODI | |
| | GUUME-SNARG | BRD, DLH, DLL, FGT, GEP, ODI | |
| | SNARG-SAULT STE MARIE | ASP, BRD, DLH, DLL, FGT, GEP, GRB, ODI, SAW, SSM, TVC | |
| | WOBED-GETNG | HUH, SEA, OLM, EPH, MWH | |
| | GETNG-CORDU | GEG, EPH, PUW, MWH | |
| | Q142 | CORDU-PETIY | MLP, GEG, PUW, MSO |
| PETIY-CHOTE | | CTB, MSO, MLN, GTF | |
| CHOTE-LEWIT | | GTF, CTB, LWT, BZN | |
| LEWIT-SAYOR | | LWT, GGW, MLS, BIL | |
| SAYOR-WILTN | | DIK, BIS, MOT, ISN | |
| WILTN-TTAIL | | DVL, JMS, GFK, PKD | |
| TTAIL-CESNA | | BRD, AXN, PKD, GEP, FGT, DLH | |
| CESNA-WISCN | | BAE, BRD, DLH, DLL, FGT, GEP, GRB, ODI | |
| WISCN-EEGEE | | ODI, DLL, BAE, GRB, SAW | |
| EEGEE-DAYYY | | ASP, BAE, DLL, DXO, FNT, GRB, VIO, ODI, PMM, SAW, SSM, TVC | |
| DAYYY-US CANADIAN BORDER | | ASP, DXO, FNT, SSM, TVC | |
| AHPAH-HANKK | | BUF, DKK, ETG, HNK, JHW, SLT, SYR | |
| HANKK-BEEPS | | BUF, DKK, HNK, SLT, SYR | |
| BEEPS-EXTOL | | BUF, HNK, SLT, SYR | |
| EXTOL-MEMMS | | BUF, HNK, SLT, SYR | |
| MEMMS-KODEY | | HNK, HUO, SAX, SLT, SYR | |
| KODEY-ARKKK | HNK, HUO, SAX, SLT, SYR | | |
| ARKKK-RODYY | HNK, HUO, JFK, SAX, SLT, SYR | | |
| RODYY-YODAA | HNK, HTO, HUO, JFK, RBV, SAX | | |
| Q142 | METOW-MULLAN PASS | EPH, GEG, MWH, SEA, PUW, MQG, MLP | |
| | MULLAN PASS-KEETA | FCA, LKT, CTB, PUW, MQG, MLP | |
| | KEETA-OKVUJ | CTB, HLN, GTF, BZN, LWT, HIA, DLN | |
| | OKVUJ-KIXCO | BIL, MLS, GGW, DIK | |

| Route | Segment | DME | |
|-------------|--------------------|--|---|
| Q144 | ZIRAN-ZOOMR | OLM, PSC, PDT, GEG, EPH, SEA, MWH | |
| | ZOOMR-BLOWS | PUW, MQG, MLP, FCA | |
| | BLOWS-KEETA | FCA, CTB, HLN, CPN, LKT | |
| | KEETA-LEWIT | HLN, GTF, CTB, HVR, LWT, BZN | |
| Q145 | KONGO-CHARLESTON | BKW, FLM, HNN, HVQ, PSK | |
| | CHARLESTON-CLNTN | AIR, APE, BKW, EWC, FLM, HNN, HVQ | |
| | CLNTN-FOXEE | AIR, APE, CXR, DJB, DKK, EWC, HNN, HVQ, JHW | |
| Q146 | CASHS-BLUNT | GEG, MWH, EPH, LTJ, SEA, OLM | |
| | BLUNT-DIPHU | MLP, FCA, PUW | |
| | DIPHU-CUSDA | DLN, HLN, HIA | |
| | CUSDA-ZERZO | BZN, HLN, GFT, HIA | |
| | ZERZO-KIXCO | BIL, MLS, GGW, LWT, ISN | |
| | KIXCO-TIMMR | ISN, DIK, DPR, ABR, MOT | |
| | TIMMR-SMERF | FAR, JMS, GFK, HON, RWF, ATY | |
| | SMERF-HUFFR | RWF, ATY, HON, FAR, BRD, AXN, GEP, FCM | |
| Q148 | STEVS-ZAXUL | ELN, EPH, OLM, SEA, LTJ | |
| | ZAXUL-FINUT | EPH, MWH, PDT, GEG, MLP, DNJ | |
| | FINUT-WEDAK | MLP, DNJ, LKT, MWH, EPH, PDT, GEG, BZN, DLN, HIA | |
| | WEDAK-WAIDE | BZN, DLN, HIA, DBS, PIH, LKT | |
| | WAIDE-JUGIV | DBS, PIH, BPI, BOY, BIL, DNW, BZN, DLN, JDA, OCS, CZI, CKW, DDY | |
| | JUGIV-MEDICINE BOW | OCS, CKW, DDY, CZI, BOY, BPI, CYS, BFF, DVV, GLL | |
| | MEDICINE BOW-MOCTU | CYS, BFF, DVV, CKW, GLL, DDY, BJC, FQF, BVR, SNY, DEN, AKO | |
| | MOCTU-LEWOY | GLL, SNY, BFF, DVV, DEN, AKO, FQF, CYS, HGO, GLD, HCT, MCK, BVR | |
| | LEWOY-CUGGA | AKO, BVR, HGO, GLD, HCT, MCK, LAA, SNY, GLL, FQF, BFF, DVV, BJC, DEN, CYS, HCT, HLC, GCK | |
| | | CUGGA-PENUT | HLC, GCK, LBL, GLD, HCT, MCK, LAA, SLN |
| | | PENUT-KIRKE | SLN, LBL, MMB, GCK, GLD, MCK, HLC, PER, ICT |
| | | KIRKE-MORRR | ICT, SNL, GCK, PER, HLC, IFI, TUL, OKM |
| | | MORRR-BARTLESVILLE | IFI, IRW, PER, TUL, OKM, EOS, SLN, ICT, BUM |
| Q150 | STEVS-ZAXUL | ELN, EPH, OLM, SEA, LTJ | |
| | ZAXUL-LEZLE | EPH, PDT, GEG, MWH, BKE | |
| | LEZLE-BAXGO | DNJ, MLP, BKE, LKT | |
| | BAXGO-LAMON | DLN, IDA, HIA, PIH, BZN, DBS, LKT | |
| | LAMON-GANNE | BZN, BPI, DNW, BOY, OCS | |
| | GANNE-OPPEE | DDY, CKW, CZI, CYS, CHE, GLL, MBW, RLG | |
| Q152 | SUNED-LEZLE | EPH, MWH, PDT, PSC, YKM, GEG, BKE | |
| | LEZLE-WEDAK | DNJ, MLP, LKT | |
| | WEDAK-IKFOM | BZN, HIA, DBS, IDA, HLN, GTF, BIL, BOY, LWT | |
| | IKFOM-WUVUT | BIL, BOY, MLS, RLY, DDY | |
| | WUVUT-O'NEILL | RAP, DPR, BFF, ONL, ANW, TDD | |
| Q154 | WANTA-JELTI | SEA, OLM, LTJ, BTG, PDT, YKM, MWH, EPH, IMB, DSD | |
| | JELTI-HOVEL | DNJ, BKE | |
| | HOVEL-VELUY | REO, BOI | |
| | VELUY-BURLEY | DBS, IDA, PIH | |
| | BURLEY-PIMIE | IDA, PIH, DBS, LCU, MLD | |
| | PIMIE-NAGNE | TCH, BVL, FFU | |
| | NAGNE-BONGO | FBR, OCS | |
| | BONGO-PITMN | EKR, JNC, CHE, RLG | |
| | PITMN-TAYLR | MTJ, DBL, HBU | |
| | TAYLR-GOSIP | PUB, ALS, DEN, DVV, FQF, HGO | |
| | GOSIP-KENTO | LAA, CIM, GCK | |
| | KENTO-NOSEW | TCC, PNH, TXO, GCK, LBL, MMB | |
| | NOSEW-BOWIE | IFI, SPS, PNH, TXO, ABI, MQP, FUZ, TTT, ADM | |

| Route | Segment | DME |
|-------------|-------------------------|--|
| Q156 | STEV5-ZAXUL | SEA, YKM, MWH, LTJ, ELN, PDT, GEG |
| | ZAXUL-FINUT | SEA, LTJ, EPH, PDT, GEG, OLM, MWH, MLP |
| | FINUT-TUFFY | GEG, MLP, FCA, GTF, HLN, BZN |
| | TUFFY-UPUGE | HLN, MLP, FCA, GTF, DLN, BZN |
| | UPUGE-HEXOL | HLN, MLP, FCA, GTF, DLN, BZN |
| | HEXOL-TOUGH | HLN, BIL, GTF, LWT, BZN, GGW |
| | TOUGH-JELRO | DIK, RAP, GCC |
| | JELRO-KEKPE | DIK, RAP, DPR, PIR |
| | KEKPE-UFFDA | DPR, PIR, HON, FAR, FSD |
| | UFFDA-HSTIN | FOD, FSD, FGT, GEP, RWF, FRM |
| | HSTIN-ZZIPR | ALO, FGT, GEP, MCW, CID, RST, FRM |
| | Q158 | NTELL-PPARK |
| PPARK-TRTIS | | AVE, BTY, CZO, EHF, HEC, MOD, OAL, PMD. |
| TRTIS-BIKKR | | BTY, OAL, PMD |
| Q160 | BIKKR-MYCAL | BLD, BTY, HEC, OAL, PMD |
| | MYCAL-JEDNA | BLD, BTY, EED, LAS, OAL, PGS, PMD. |
| | SHVVR-FAANG | AVE, CZQ, ECA, EHF, LIN, MOD, SAC |
| Q162 | FAANG-RIVVO | AVE, BTY, CZQ, EHF, MOD, OAL, PMD |
| | RIVVO-BIKKR | BTY, OAL, PMD |
| | NTELL-CABAB | AVE, CZO, ECA, EHF, LIN, MOD, MVA, SAC |
| Q164 | CABAB-VIKSN | AVE, BTY, CZO, ECA, EHF, LIN, MOD, MVA, OAL |
| | VIKSN-KENNO | AVE, BLD, BTY, ILC, MOD, MVA, OAL |
| | KENNO-ESSAA | BLD, BTY, ILC, MVA, OAL, PMD |
| | ESSAA-TUMBE | BLD, BTY, ILC, MVA, OAL, PMD |
| Q166 | TUMBE-MYCAL | BLD, BTY, HEC, ILC, LAS, MVA, OAL, PMD |
| | NTELL-CABAB | AVE, CZQ, EHF, LIN, MOD, MVA, OAL, SAC |
| | CABAB-KICHI | AVE, BTY, CZQ, EHF, ILC, LIN, MOD, MVA, OAL, TPH |
| | KICHI-KATTS | ILC, LAS, MVA, OAL, TPH |
| Q168 | KATTS-KITTN | BLD, CDC, DTA, ILC, LAS, MVA, OAL, TPH, TQQ |
| | KITTN-ROCCY | BCE, BLD, CDC, DTA, ELY, HVE, ILC, MLF, MVA, PUC, TBC |
| | VIKSN-UHILL | BTY, OAL, PMD, TPH |
| Q168 | UHILL-BIKKR | BTY, OAL, PMD, TPH |
| | FNNDA-SHIVA | BLD, BLH, EED, PGS, PKE, IPL, LAS |
| | SHIVA-KRINA | BLD, BLH, DRK, EED, LAS, PGS, PKE |
| Q406 | KRINA-JASSE | FLG, BLD, DRK, INW, LAS, PGS, TBC |
| | BROADWAY-DBABE | JFK, SAX, FJC, RBV, ARD, SBJ, STW, SIE, HTO, BWZ, CYN, HNK |
| | DBABE-BASYE | CMK, HTO, BDR, CYN, LGA |
| | BASYE-TRIBS | RBV, HTO, BDR, CYN, PWL, CMK, JFK, HNK |
| Q436 | TRIBS-BIGGO | SAX, HTO, BAF, BDR, PUT, IGN, CTR, HFD |
| | BIGGO-BARNES | HUO, HTO, IGN, BAF, HFD, CTR, BOS |
| | EMMMA-DIXSN | DXO, PMM, CRL, FNT, LAN |
| | DIXSN-BOOTT | CRL, ECK, GRR, FNT, SVM |
| | BOOTT-RRONS | PSI, ECK, CRL, CXR, DXO |
| | RRONS-YARRK | OJB, DKK, ECK, CXR, DXO |
| | YARRK-CHAAP | DJB, DKK, BUF, ERI, CXR |
| | CHAAP-RAAKK | DKK, SLT, BUF, ETG, JHW |
| | RAAKK-HERBA | DKK, ETG, BFD, PSB, JHW |
| | HERBA-REXXY | OKK, EGT, SLT, PSB, ELZ |
| | REXXY-REBBL | BUF, ETG, FQM, HNK, PSB |
| | REBBL-MTCAF | CFB, ULW, FQM, SAX, HUO |
| MTCAF-DGRAF | CFB, SYR, SLT, HNK, HUO | |
| DGRAF-YYOST | JFK, SAX, LVZ, HNK, HUO | |
| YYOST-LAAYK | JFK, SLW, LVZ, HNK, HUO | |
| LAAYK-COATE | BWZ, RBV, LVZ, HNK, HUO | |

| Route | Segment | DME | |
|-------------|----------------------------|--|-----------------------------------|
| Q438 | RUBY-BERYS | ASP, CRL, DXO, FNT, GRR, PMM | |
| | BERYS-TWIGS | CRL, FNT, CXR, DXO, DJB | |
| | TWIGS-JAAJA | DKK, ECK, CXR, JHW, DJB | |
| | JAAJA-ICHOL | DKK, BUF, CXR, JHW | |
| | ICHOL-FARGN | DKK, BUF, CXR, JHW, SLT | |
| Q440 | FARGN-RAAKK | DKK, BUF, ETG, JHW, SLT | |
| | HUFFR-IDIOM | BAE, BRD, DLL, FGT, GEP, GRB, ODI, RWF | |
| | IDIOM-DEANI | BAAE, DLL, GRB, PMM, TVC | |
| | DEANI-SLLAP | ASP, GRB, PMM, TVC | |
| | SLLAP-BERYS | ASP, GRB, PMM, TVC | |
| Q448 | BERYS-TWIGS | DXO, CRL, FNT, DJB, CXR | |
| | TWIGS-JAAJA | JHW, DKK, ECK, DJB, CXR | |
| | JAAJA-ICHOL | JHW, DKK, CXR, BUF, SLT | |
| | ICHOL-FARGN | JHW, DKK, CXR, BUF, SLT | |
| | FARGN-RAAKK | JHW, DKK, ETG, BUF, SLT | |
| Q480 | POTTSTOWN-LANNA | CYN, HUO, ETX, JFK, SIE, STW | |
| | LANNA-DBABE | SIE, SBJ, BWZ, FJC, JFK, CYN, ARD, STW, HTO, SAX | |
| | DBABE-BASYE | CYN, LGA, BDR, CMK, HTO | |
| | BASYE-TRIBS | CYN, RBV, BDR, PWL, HTO, HNK, CMK, JFK | |
| | TRIBS-BIGGO | PUT, SAX, BAF, BDR, HTO, HFD, IGN, CTR | |
| Q806 | BIGGO-BARNES | PUT, SAX, BAF, BDR, HTO, HFD, IGN, CTR | |
| | ZANDR-BELLAIRE | APE, CXR, JPU, CTW, DJB, HLG, EWC, AIR, HNN | |
| | BELLAIRE-LEJOY | APE, AIR, EWC, HLG, CTW, AGC, MGW, IHD, JST, PSB | |
| | LEJOY-VINSE | JST, PSB, EWC, GRV, IHD, REC, AIR, EMI, ETG, SLT, THS | |
| | VINSE-BEETS | EMI, CSN, ETG, SLT, THS, HAR | |
| | BEETS-HOTEE | EMI, CSN, HAR, SLT, THS, SIE, LRP, RAV, PSB, RBV | |
| | HOTEE-MIKYG | EMI, PSB, RBV, RAV, LRP, PTW, HUO, SIE, HNK, SAX | |
| | MIKYG-SPOTZ | FJC, SIE, CYN, LRP, SAX, JFK, PTW, ETX, EMI | |
| | SPOTZ-CANDR | FJC, STW, CYN, ETX, LVZ, RBV, SBJ | |
| | CANDR-JEFFF | JFK, STW, BWZ, SAX, SBJ, HNK, CYN | |
| | JEFF-KINGSTON | RBV, STW, CMK, HNK, SAX, JFK, HUO, IGN, RBV | |
| | KINGSTON-LESWL | PUT, RBV, CMK, HNK, HUO, SAX, HTO, PVD | |
| | LESWL-BARNES | BAF, SAX, JFK, HTO, PVD, HFD, HUO, BOS | |
| | BARNES-KENNEBUNK | EEN, BOS, HFD, HTO, PUT, CTR, BAF, GDM, MHT, LWM, CON, LRV, ENE, PSM | |
| | Q812 | MILLINOCKET-VIGDU | BGR, HUL, MLT, PQI |
| Q812 | TIMMR-WELOK | BUF, DKK, JHW, SLT | |
| | WELOK-CEWDA | BUF, DKK, JHW, SLT, SYR | |
| | CEWDA-ZOHAN | ASP, BAE, CRL, DLL, DXO, FNT, GRB, PMM, SAW, TVC | |
| | ZOHAN-U.S. CANADIAN BORDER | ASP, CRL, DKK, DXO, FNT, PMM, SSM, TVC | |
| | KELTI-AHPAH | BUF, DKK, JHW, SLT, SYR | |
| | AHPAH-GOATR | BUF, DKK, HNK, JHW, SLT, SYR | |
| | GOATR-FABEN | BUF, HNK, SLT, SYR | |
| | FABEN-LOXXE | BUF, ETG, HNK, HUO, SAX, SLT, SYR | |
| | LOXXE-ARKKK | BUF, ETG, HNK, HUO, SAX, SLT, SYR | |
| | ARKKK-STOMP | ETG, HNK, HUO, JFK, RBV, SAX, SLT, SYR | |
| | STOMP-MSLIN | HNK, HUO, JFK, RBV, SAX | |
| | MSLIN-GAYEL | CYN, HNK, HTO, HUO, JFK, RBV, SAX | |
| | Q812 | HOCKE-US CANADIAN BORDER | ASP, CRL, DXO, FNT |
| | | KELTI-AHPAH | BUF, DKK, JHW, SLT, SYR |
| | | AHPAH-GOATR | BUF, DKK, HNK, JHW, MSS, SLT, SYR |
| GOATR-ARNII | | BUF, HNK, HUO, MSS, PUT, SLT, SYR | |
| ARNII-HANAA | | HNK, HUO, MSS, PUT, SYR | |

| Route | Segment | DME |
|-------------|--------------------------------------|--|
| Q818 | FLINT–US CANADIAN BORDER | ASP, DXO, FNT, GRR, CRL |
| | WOZEE–KELIE | BUF, DKK, ETG, JHW, SLT, SYR |
| | KELIE–VIEEW | BUF, DKK, ETG, HNK, JHW, SLT, SYR |
| | VIEEW–BINGHAMTON | BUF, ETG, HNK, HUO, JHW, SAX, SLT, SYR |
| | BINGHAMTON–BUFFY | CYN, HNK, HUO, SAX, SLT, SYR. |
| | BUFFY–STOMP | CYN, HNK, HUO, JFK, RBV, SAX, SYR |
| | STOMP–MSLIN | CYN, HNK, HUO, JFK, RBV, SAX |
| | MSLIN–GAYEL | CYN, HNK, HTO, HUO, JFK, RBV, SAX |
| Q822 | FLINT–U.S. CANADIAN BORDER | ASP, CRL, DXO, FNT, GRR |
| | HOZIR–GONZZ | BUF, DKK, ETG, HNK, HUO, JHW, MSS, SLT, SYR |
| | GONZZ–PUPPY | BUF, HNK, HUO, MSS, SAX, SLT, SYR |
| | PUPPY–PAYGE | HNK, HUO, MSS, PUT, SAX, SYR |
| | PAYGE–CAMBRIDGE | BOS, HNK, HUO, MSS, PUT, SAX, SYR |
| | CAMBRIDGE–KENNEBUNK | BGR, BOS, ENE, HUO, Lfv, PUT, PVD, SAX |
| | KENNEBUNK–AJJAY | BGR, BOS, ENE, Lfv, MLT, PSM, PUT |
| | AJJAY–ALLEX | BGR, BOS, ENE, Lfv, MLT, PNN |
| Q824 | FLINT–HOCKE | ASP, CRL, DXO, FNT, VIO |
| | HOCKE–US CANADIAN BORDER | ASP, CRL, DXO, FNT |
| Q842 | All segments | GNSS required |
| Q844 | SYRACUSE–US CANADIAN BORDER | BUF, HNK, SYR, MSS |
| Q848 | SLAP–HHIPP | ASP, CRL, DJB, DXO, GRR, PMM, TVC |
| | HHIPP–KARIT | ASP, DJB, DXO, FNT |
| | KARIT–MENKO | ASP, DJB, DXO, FNT |
| Q905 | HOCKE–SIKBO | ASP, BUF, CRL, CXR, DKK, DXO, FNT, JHW |
| Q907 | POSTS–PADDE | CRL, DXO, ECK, FNT, FWA, GIJ, GRR, GSH, OXI, PMM |
| | PADDE–SALEM | CRL, DJB, DXO, ECK, FNT, FWA, GIJ, GRR, GSH, PMM |
| | SALEM–US CANADIAN BORDER | CRL, CXR, DJB, DKK, DXO, ECK, FNT, VIO |
| Q913 | CABC1–TOPPS | BGR, ENE, HUL, LEB, ML T, MSS, PNN, PQI |
| Q917 | SAULT STE MARIE–U.S. CANADIAN BORDER | ASP, SAW, SSM |
| | HOZIR–WOZEE | BUF, DKK, JHW, SLT |
| Q923 | HOCKE–KARIT | ASP, CRL, DXO, FNT |
| | KARIT–DUTEL | ASP, CRL, DXO, FNT |
| Q935 | MONEE–HOCKE | ASP, CRL, DXO, FNT, GRR, PMM |
| | HOCKE–U.S. CANADIAN BORDER | ASP, CRL, DXO, FNT |
| | WOZEE–HANKK | BUF, DKK, HNK, JHW, SLT, SYR |
| | HANKK–JOSSY | BUF, DKK, HNK, JHW, SLT, SYR |
| | JOSSY–AUDIL | BUF, HNK, SAX, SLT, SYR |
| | AUDIL–FABEN | BUF, HNK, SAX, SLT, SYR |
| | FABEN–PONCT | HNK, HUO, JFK, SAX, SLT |
| | PONCT–GARDNER | BOS, ENE, HNK, HUO, JFK, Lfv, PUT, PVD, SAX |
| | GARDNER–BOSTON | ACK, BOS, ENE, Lfv, PUT, PVD |
| Q937 | WAYGO–KRAZZ | BUF, HNK, MSS, SYR |
| Q947 | REVEN–TOPPS | BGR, ENE, HUL, MLT, PQI |
| | TOPPS–CUZWA | BGR, HUL, MLT, PQI |
| | CUZWA–DUVOK | BGR, HUL, MLT, PQI |
| Q951 | POSTS–PADDE | CRL, DXO, FNT, FWA, GIJ, GRR, GSH, OXI, PMM |
| | PADDE–SALEM | CRL, DJB, DXO, FNT, FWA, GIJ, GRR, GSH, PMM |
| | SALEM–U.S. CANADIAN BORDER | CRL, CXR, DJB, DKK, DXO, FNT |
| | DAVDA–SAVAL | ART, BTV, MSS, SLK, SYR |
| | SAVAL–DANOL | ART, BTV, MSS, SYR |

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TOWER ENROUTE CONTROL (TEC) FOR NORTHERN CALIFORNIA

Within the national airspace system it is possible for a pilot to fly IFR from one point to another without leaving approach control airspace. This is referred to as "Tower Enroute" which allows flight beneath the enroute structure. The tower enroute concept has been expanded (where practical) by reallocating airspace vertically/geographically to allow flight planning between city pairs while remaining within approach control airspace. Pilots are encouraged to use the TEC route descriptions provided in the Southwest U.S. Chart Supplement when filing flight plans. Other airways which appear to be more direct between two points may take the aircraft out of approach control airspace thereby resulting in additional delays or other complications. All published TEC routes are designed to avoid enroute airspace and the majority are within radar coverage. The following items should be noted before using the graphics and route descriptions.

1. The graphic is not to be used for navigation nor detailed flight planning. Not all city pairs are depicted. It is intended to show geographic areas connected by these routes. Pilots should refer to route descriptions for specific flight planning.
2. The route description contains five columns of information after geographic area listed in the heading, where the departure airport is located; i.e., the airport/airports of intended landing using FAA three letter/letter-two number identifiers, the coded route number, route direction (See item 8), the specific route (airway, radial, etc.), the altitude allowed for type of aircraft and the routes.
3. The word "DIRECT" will appear as the route when radar vectors will be used or no airway exists. Also this indicates that a Standard Instrument Departure (SID) or Standard Terminal Arrival (STAR) may be applied by ATC.
4. When a NAVAID or intersection identifier appears with no airway immediately preceding or following the identifier, the routing is understood to be DIRECT to or from that point unless otherwise cleared by ATC or radials are listed (See item 5).
5. Routes beginning and ending with an airway indicate that the airway essentially overflies the airport or radar vectors will be applied.
6. Where more than one route is listed to the same destination, ensure you file correct route for type of aircraft which is denoted after the route in the altitude column using J,M,P, or Q. These are listed after item 10 under Aircraft Classification.
7. Although all airports are not listed under the destination column, IFR flight may be planned to satellite airports in the proximity of major airports via the same routing.
8. The runway in use at San Francisco International Airport (SFO) determines which route to file in Northern California. When SFO is landing Runways 28/01, file the applicable SFOW route. When SFO is landing Runways 19/10, file the applicable SFOE route. If there is no direction listed, the route may be filed regardless of the runway in use at SFO.
9. Aircraft types (i.e. J, M, P, and Q) are listed at the beginning of the altitude and should be used with the route of flight filed. (See Aircraft Classification below). The altitudes shown are to be used for the route. This allows for separation of various arrival routes, departure routes, and overflights to, from, and over all airports in the Northern California area.
10. Until further notice, do not file coded route identifiers; file the full route listed

LEGENDS

AIRCRAFT CLASSIFICATION

- (J) = Jet powered
- (M) = Turbo Props/Special (cruise speed 190 knots or greater)
- (P) = Non-jet (cruise speed 190 knots or greater)
- (Q) = Non-jet (cruise speed 189 knots or less)

TOWER ENROUTE CONTROL FOR NORTHERN CALIFORNIA

HAYWARD AREA

FROM: HWD

| TO: | ROUTE ID | DIRECTION | ROUTE | ALTITUDE |
|--|----------|-----------|------------------------------|----------|
| AUN BAB E36 GOO JAQ LHM MCC MHR MYV O61 OVE PVF RIU.... | HWD01 | SFOW | OAK V6 SAC..... | Q50MP90 |
| AUN BAB E36 GOO JAQ LHM MCC MHR MYV O61 OVE PVF RIU.... | HDW12 | SFOW | SAC..... | J110 |
| CCR DWA EDU 041 SUJ VCB..... | HWD02 | | OAK V6 COLLI..... | JMPQ50 |
| CVH MRY SNS OAR WVI..... | HWD03 | SFOW | OSI V25 SNS..... | JMPQ50 |
| CVH MRY SNS OAR WVI..... | HWD72 | SFOE | OAK V107 CATHE V111 SNS..... | JMPQ50 |
| HAF..... | HWD40 | SFOE | GOBBS..... | MPQ40 |
| LSN MCE MER MOD LVK SCK TCY C83 027 103..... | HWD04 | | OAK MOD..... | JMP70Q50 |
| NUQ PAO RHV SJC E16..... | HWD05 | SFOW | OSI..... | J50 |
| NUQ PAO RHV SJC E16..... | HWD12 | SFOE | SJC..... | JMPQ40 |
| NUQ PAO RHV SJC E16..... | HWD07 | SFOW | SUNOL SJC..... | MPQ60 |
| NUQ PAO RHV SJC E16..... | HWD08 | SFOW | SAC..... | J110 |
| SAC SMF 088..... | HWD09 | SFOW | OAK V6 SAC..... | MP90Q50 |
| SAC SMF 088..... | HDW74 | SFOE | OAK V244 ALTAM V392 SAC..... | MP70Q50 |
| SMF..... | HWD10 | SFOW | SAC..... | J110MP90 |
| SQL..... | HWD71 | SFOE | OSI..... | JMPQ50 |
| SQL..... | HWD11 | SFOW | OSI JEFNY..... | MPQ40 |

LIVERMORE AREA

FROM: LVK

| TO: | ROUTE ID | DIRECTION | ROUTE | ALTITUDE |
|---|----------|-----------|-----------------------------|-----------|
| AUN BAB E36 GOO JAQ LHM MCC MHR MYV O61 OVE PVF RIU..... | LVK01 | | ALTAM V392 SAC..... | JMP70Q50 |
| CVH MRY SNS OAR WVI..... | LVK02 | | ALTAM MOD V111 SNS..... | J100MPQ60 |
| HAF..... | LVK03 | | ALTAM V334 SUNOL..... | JPT40 |
| LSN MCE MER MOD..... | LVK05 | | ALTAM MOD..... | JMPQ50 |
| LVK SCK TCY C83 027 103..... | LVK06 | | ALTAM..... | JMPQ50 |
| NUQ PAO RHV SJC E16..... | LVK07 | | ALTAM V334 SJC..... | JMPQ60 |
| SFO..... | LVK10 | | ALTAM..... | JMPQ60 |
| SQL..... | LVK12 | | ALTAM V334 SUNOL DOCAL..... | MPQ60 |
| SAC SMF 088..... | LVK14 | | ALTAM V334 SAC..... | MPQ70 |
| OAK HWD..... | LVK79 | | ALTAM..... | JMPQ60 |

MATHER AREA

FROM: AUN BAB E36 GOO JAQ LHM MCC MHR
MYV O61 OVE PVF RIU

| TO: | ROUTE ID | DIRECTION | ROUTE | ALTITUDE |
|--|----------|-----------|--|---------------|
| AUN BAB E36 GOO JAQ LHM MCC MHR MYV O61 OVE PVF RIU.... | MHR01 | | | JMPQ50 Q70 |
| CVH MRY OAR SNS WVI..... | MHR02 | | MOD V111 SNS..... | JMP130 |
| CVH MRY OAR SNS WVI..... | MHR13 | | MOD V111 SNS..... | MPQ70 |
| HAF..... | MHR15 | | SAC V334 SUNOL..... | J100 |
| HWD..... | MHR12 | | THORN SHARR CATTY..... | MPQ70 |
| HWD..... | MHR16 | | SAC V334 SUNOL..... | JMP70Q50 |
| LSN MCE MER MOD..... | MHR11 | | MOD..... | J70MPQ50 |
| LVK SCK TCY C83 O27..... | MHR10 | | LIN..... | J100MP90 |
| NUQ PAO RHV SJC E16..... | MHR14 | | SAC MOD KLIDE..... | J100MP90Q60 |
| NUQ PAO RHV SJC E16..... | MHR17 | | MOD BORED KLIDE..... | J100MP90Q60 |
| NUQ PAO RHV SJC E16..... | MHR09 | | MOD BUSHY LICKE..... | J100MP90Q60 |
| OAK..... | MHR72 | SFOE | SAC V494 POPES SGD V87 REBAS..... | MPQ60 |
| OAK..... | MHR08 | SFOW | THORN BANND TOOOL OAK..... | J100 |
| OAK..... | MHR07 | SFOW | SAC V334 SUNOL..... | MPQ60 |
| OAK..... | MHR75 | SFOE | THORN BANND SULRR KEENR HIRMO OAK..... | J100 |
| SAC SMF 088..... | MHR06 | | SAC..... | JMPQ50 |
| SFO..... | MHR17 | SFOE | SAC V6 RYMAR CCR..... | MPQ80 |
| SFO..... | MHR05 | SFOW | SAC RISTI-STAR..... | MPQ90 |
| SFO..... | MHR04 | SFOW | THORN ALWAYS CEDES ARCHI SFO..... | J150 |
| SFO..... | MHR74 | SFOE | THORN ALWAYS ARRTU BERKS SFO..... | J150 |
| SQL..... | MHR03 | | CEDES..... | MPQ70 |

MODESTO AREA

FROM: LSN MCE MER MOD

| TO: | ROUTE ID | DIRECTION | ROUTE | ALTITUDE |
|--|----------|-----------|-------------------------------------|----------|
| AUN BAB E36 GOO JAQ LHM MCC MHR MYV O61 OVE PVF RIU.... | MOD11 | | LIN..... | JMP80Q60 |
| CCR DWA EDU O41 SUU VCB..... | MOD05 | | LIN V108 OAKEY..... | JMPQ60 |
| CVH MRY OAR SNS WVI..... | MOD04 | | MOD V111 SNS..... | JMPQ60 |
| HAF..... | MOD71 | SFOE | MOD V111 SNS V230 SHOHEY GOBBS..... | JMPQ60 |
| HWD OAK HAF..... | MOD03 | SFOW | SUNOL..... | JMPQ60 |
| LVK SCK TCY C83 O27 103..... | MOD01 | | TRACY..... | JMPQ60 |
| NUQ PAO RHV SJC E16..... | MOD10 | | BUSHY LICKE..... | JMP70Q60 |
| NUQ PAO RHV SJC E16..... | MOD12 | | BORED KLIDE NUQ..... | JMP70Q60 |
| OAK..... | MOD09 | | TOOOL..... | J80 |
| SAC SMF 088..... | MOD08 | | SAC..... | J60MPQ40 |
| SFO..... | MOD07 | SFOW | ALWYS CEDES ARCHI..... | JMPQ90 |
| SFO..... | MOD73 | SFOE | ALWYS ARRTU BERKS..... | J90 |
| SJC NUQ PAO RHV NUQ..... | MOD06 | | MOD BORED KLIDE SJC..... | JMPQ70 |
| SQL HAF SFO..... | MOD72 | SFOE | MOD REJOY V6 PITTS..... | MPQ80 |

MONTEREY AREA

FROM: MRY CVH OAR SNS WVI

| TO: | ROUTE ID | DIRECTION | ROUTE | ALTITUDE |
|---|----------|-----------|----------------------------------|-----------|
| AUN BAB E36 GOO JAQ LHM MCC MHR MYV O61 OVE PVF RIU.... | MRY01 | | SNS V111 MOD LIN..... | MPQ60 |
| AUN BAB E36 GOO JAQ LHM MCC MHR MYV O61 OVE PVF RIU..... | MRY71 | SFOE | SJC ALTAM SAC..... | J110 |
| AUN BAB E36 GOO JAQ LHM MCC MHR MYV O61 OVE PVF RIU..... | MRY02 | SFOW | SJC BMRNG SAC..... | J130 |
| HWD OAK..... | MRY03 | | SNS V111 KARNN V301 SUNOL..... | MPQ80 |
| LSN MCE MER MOD..... | MRY04 | | SNS V111 MOD..... | J90MPQ70 |
| LVK SCK TCY C83 O27 103..... | MRY05 | | SNS V111 MOD..... | J90MPQ70 |
| NUQ..... | MYR06 | | HOOKS..... | JMPQ60 |
| PAO RHV SJC E16..... | MRY07 | | SJC..... | JMPQ60 |
| SAC SMF 088..... | MRY71 | SFOE | ALTAM SAC..... | J110 |
| SAC SMF 088..... | MRY08 | SFOE | SNS V111 MOD SAC..... | MPQ60 |
| SFO..... | MRY09 | SFOW | OSI..... | J110MPQ60 |
| SFO..... | MRY73 | SFOE | SHOEY EUGEN TAILS HADLY SAU..... | J100 |

OAKLAND AREA

FROM: OAK

| TO: | ROUTE ID | DIRECTION | ROUTE | ALTITUDE |
|---|----------|-----------|------------------------------|-----------|
| AUN BAB E36 G00 JAQ LHM MCC MHR MYV 061 OVE PVF RIU..... | OAK01 | SFOW | OAK V6 SAC..... | Q90MP50 |
| AUN BAB E36 G00 JAQ LHM MCC MHR MYV 061 OVE PVF RIU..... | OAK02 | SFOW | SAC..... | J110 |
| CCR DWA EDU 041 SUU VCB..... | OAK03 | | OAK V6 COLLI..... | JMPQ50 |
| CVH MRY OAR SNS WVI..... | OAK04 | SFOW | NUEVO-DP SHOEVY SNS..... | J110MPQ70 |
| CVH MRY OAR SNS WVI..... | OAK71 | SFOE | OAK V107 CATHE V111 SNS..... | JMPQ50 |
| LSN MCE MER MOD LVK SCK TCY C83 027 103..... | OAK05 | | OAK MOD..... | JMP70Q50 |
| NUQ PAO RHV SJC E16..... | OAK10 | SFOW | OSI..... | J50 |
| NUQ PAO RHV SJC E16..... | OAK77 | SFOE | SJC..... | JMPQ40 |
| NUQ PAO RHV SJC E16..... | OAK07 | SFOW | SUNOL SJC..... | JMPQ60 |
| SAC SMF 088..... | OAK08 | SFOW | OAK V6 SAC..... | MP90Q50 |
| SAC SMF 088..... | OAK09 | | SAC..... | J110 |
| SAC SMF 088..... | OAK72 | SFOE | OAK V244 ALTAM V392 SAC..... | MP70Q50 |
| SQL..... | OAK06 | SFOW | OSI..... | MPQ40 |

SACRAMENTO AREA

FROM: SAC SMF 088

| TO: | ROUTE ID | DIRECTION | ROUTE | ALTITUDE |
|------------------------------|----------|-----------|------------------------------------|-----------|
| CVH MRY OAR SNS WVI..... | SAC05 | | THORN MOD V111 SNS..... | JMP100Q70 |
| HWD HAF..... | SAC07 | | SAC V334 SUNOL..... | MPQ70 |
| LSN MCE MER MOD..... | SAC08 | | MOD..... | JMP70Q50 |
| LVK SCK TCY C83 027 103..... | SAC09 | | TRACY..... | J70MPQ50 |
| NUQ PAO RHV SJC E16..... | SAC10 | SFOW | BORED KLIDE..... | JMP70Q60 |
| NUQ PAO RHV SJC E16..... | SAC74 | SFOE | BUSHY LICKE..... | JMPQ90Q60 |
| OAK..... | SAC01 | SFOW | THORN BANND TOOOL..... | J100 |
| OAK..... | SAC11 | SFOW | SAC V334 SUNOL..... | MPQ60 |
| OAK..... | SAC71 | SFOE | SAC V494 POPES SGD V87 REBAS..... | MPQ60 |
| OAK..... | SAC76 | SFOE | THORN BANND SULRR KEENR HIRMO..... | J100 |
| SAC SMF 088..... | SAC02 | | SAC..... | JMPQ50 |
| SFO..... | SAC03 | SFOW | THORN ALWYS CEDES ARCHI..... | J150 |
| SFO..... | SAC04 | SFOW | SAC RISTI-STAR..... | MPQ90 |
| SFO..... | SAC72 | SFOE | SAC V6 RYMAR CCR..... | MPQ80 |
| SFO..... | SAC75 | SFOE | THORN ALWYS ARRTU BERKS..... | J150 |

SAN FRANCISCO AREA

FROM: SFO HAF SQL

| TO: | ROUTE ID | DIRECTION | ROUTE | ALTITUDE |
|---|----------|-----------|------------------------------|-----------|
| AUN BAB E36 G00 JAQ LHM MCC MHR MYV 061 OVE PVF RIU..... | SF011 | SFOW | OAK V6 SAC..... | MP90Q50 |
| AUN BAB E36 G00 JAQ LHM MCC MHR MYV 061 OVE PVF RIU..... | SF012 | | SAC..... | J110 |
| AUN BAB E36 G00 JAQ LHM MCC MHR MYV 061 OVE PVF RIU..... | SF076 | SFOE | OAK V244 ALTAM V392 SAC..... | MPQ60 |
| CVH MRY OAR SNS WVI..... | SF010 | SFOW | GAP-DP SNS..... | J110MPQ70 |
| CVH MRY OAR SNS WVI..... | SF075 | SFOE | OSI V25 SNS..... | JMPQ60 |
| HAF..... | SF009 | SFOW | OSI TAILS..... | JMPQ50 |
| HAF..... | SF074 | SFOE | GOBBS..... | JMPQ40 |
| LSN MCE MER MOD..... | SF073 | SFOE | SUNOL MOD..... | JMP70Q50 |
| LSN MCE MER MOD..... | SF008 | SFOW | SJC V334 SUNOL MOD..... | JMP70Q50 |
| LVK SCK TCY C83 027 103..... | SF007 | SFOW | OAK V244 ALTAM..... | JMP70Q50 |
| MRY (From SFO)..... | SF006 | | SHOEY ZEBED..... | J110MPQ70 |
| RHV..... | SF071 | SFOE | GILRO..... | JMPQ40 |
| SAC 088..... | SF003 | | SAC..... | J110 |
| SAC SMF 088..... | SF004 | SFOW | OAK V6 SAC..... | MP90Q60 |
| SAC SMF 088..... | SF077 | SFOE | OAK V244 ALTAM V392 SAC..... | Q60 |
| SAC SMF 088..... | SF001 | | CCR CONCORD-STAR..... | JMP100 |

TOWER ENROUTE CONTROL

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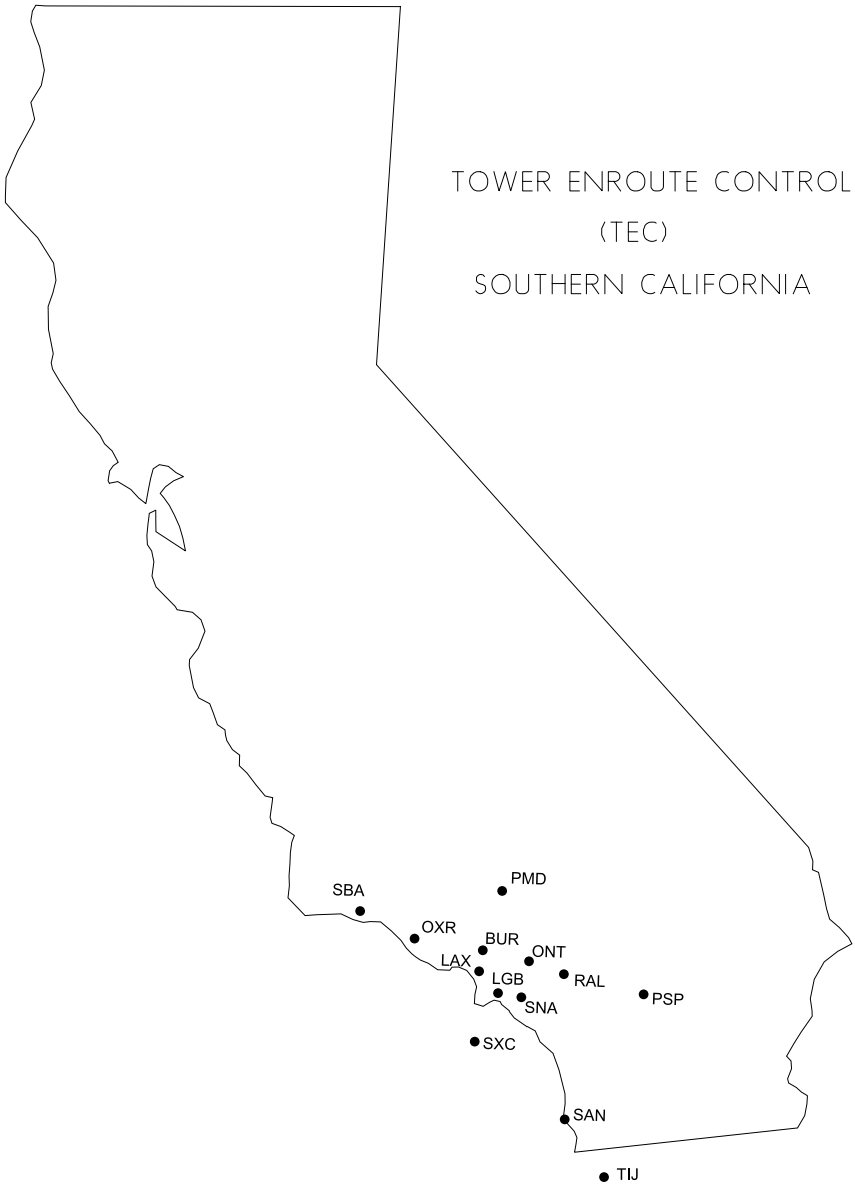
FROM: SJC NUQ PAO RHV E16

| TO: | ROUTE ID | DIRECTION | ROUTE | ALTITUDE |
|---|----------|-----------|-----------------------------|----------|
| AUN BAB E36 GOO JAQ LHM MCC MHR MYV O61 OVE PVF RIU..... | SJC15 | | SJC V334 SAC..... | J120 |
| AUN BAB E36 GOO JAQ LHM MCC MHR MYV O61 OVE PVF RIU..... | SJC14 | SFOW | SJC V334 SAC..... | MP70Q50 |
| AUN BAB E36 GOO JAQ LHM MCC MHR MYV O61 OVE PVF RIU..... | SJC71 | SFOE | SJC V334 SUNOL MOD LIN..... | MP70Q50 |
| CCR DWA EDU O41 SUU VCB..... | SJC73 | SFOE | SJC V334 OAKEY..... | JMPQ50 |
| CCR DWA EDU O41 SUU VCB..... | SJC13 | SFOW | OAK V6 COLLI..... | JMPQ50 |
| CVH MRY OAR SNS WVI..... | SJC12 | | MOONY MOD..... | J60 |
| CVH MRY OAR SNS WVI..... | SJC11 | | SNS..... | MPQ70 |
| HAF..... | SJC10 | SFOW | OSI TAILS..... | JMPQ50 |
| LSN MCE MER MOD..... | SJC09 | | MOONY..... | J60 |
| LSN MCE MER MOD..... | SJC08 | | SJC V334 SUNOL MOD..... | MPQ50 |
| LVK SCK TCY C83 103..... | SJC07 | | MOONY MOD..... | J60 |
| LVK SCK TCY C83 103..... | SJC06 | | SJC V334 SUNOL MOD..... | MPQ50 |
| SAC SMF O88..... | SJC01 | | SAC..... | J120 |
| SAC SMF O88..... | SJC03 | SFOW | SJC V334 SAC..... | MP70Q50 |
| SAC SMF O88..... | SJC71 | SFOE | SJC V334 SUNOL MOD..... | MP70Q50 |
| SFO..... | SJC16 | | GILRO..... | JMPQ40 |
| SJC NUQ PAO RHV SJC E16..... | SJC04 | | GILRO..... | JMPQ40 |
| SQL..... | SJC02 | SFOW | DOCAL AMEBY..... | JMPQ50 |

STOCKTON AREA

FROM: SCK TCY C83 027 103

| TO: | ROUTE ID | DIRECTION | ROUTE | ALTITUDE |
|---|----------|-----------|------------------------------------|-----------|
| AUN BAB E36 GOO JAQ LHM MCC MHR MYV O61 OVE PVF RIU..... | SCK01 | | SAC..... | J80Q60 |
| CVH MRY SNS OAR WVI..... | SCK09 | | MOD V111 SNS..... | J100MPQ60 |
| HAF..... | SCK03 | SFOW | MOD CEDES..... | MPQ60 |
| HAF..... | SCK71 | SFOE | MOD V111 SNS V230 SHOXY GOBBS..... | MPQ60 |
| HWD..... | SCK04 | | SUNOL..... | JMPQ60 |
| LSN MCE MER MOD..... | SCK05 | | MOD..... | JMPQ30 |
| NUQ PAO RHV SJC E16..... | SCK11 | | MOD CEDES SJC..... | Q60 |
| NUQ PAO RHV SJC E16..... | SCK06 | | BORED KLIDE..... | JMP70 |
| OAK..... | SCK07 | SFOW | BANND SUNOL..... | MPQ60 |
| OAK..... | SCK75 | SFOE | BANND SULRR KEENR HIRMO..... | JMP70 |
| OAK..... | SCK10 | SFOW | BANND TOOOL..... | JMP70 |
| SFO..... | SCK08 | SFOW | ALWYS CEDES ARCHI..... | JMPQ90 |
| SFO..... | SCK76 | SFOE | ALWYS ARRTU BERKS..... | J90 |
| SFO..... | SCK77 | SFOE | REJOY V6 PITTS..... | MP80 |
| SQL..... | SCK02 | | CEDES DOCAL..... | MPQ60 |



TOWER ENROUTE CONTROL (TEC) FOR SOUTHERN CALIFORNIA

Within the national airspace system it is possible for a pilot to fly IFR from one point to another without leaving approach control airspace. This is referred to as "Tower Enroute" which allows flight beneath the enroute structure. The tower enroute concept has been expanded (where practical) by reallocating airspace vertically/geographically to allow flight planning between city pairs while remaining within approach control airspace. Pilots are encouraged to use the TEC route descriptions provided in the Southwest U.S. Chart Supplement when filing flight plans. Other airways which appear to be more direct between two points may take the aircraft out of approach control airspace thereby resulting in additional delays or other complications. All published TEC routes are designed to avoid enroute airspace and the majority are within radar coverage. The following items should be noted before using the graphics and route descriptions.

1. The graphic is not to be used for navigation nor detailed flight planning. Not all city pairs are depicted. It is intended to show geographic areas connected by tower enroute control. Pilots should refer to route descriptions for specific flight planning.
2. The route description contains four columns of information after geographic area listed in the heading, where the departure airport is located; i.e., the airport/airports of intended landing using FAA three letter/letter-two number identifiers, the coded route number (this should be used when filing the flight plan and will be used by ATC in lieu of reading out the full route description), the specific route (airway, radial, etc.), the altitude allowed for type of aircraft and the routes.
3. The word "DIRECT" will appear as the route when radar vectors will be used or no airway exists. Also this indicates that a Standard Instrument Departure (SID) or Standard Terminal Arrival (STAR) may be applied by ATC.
4. When a NAVAID or intersection identifier appears with no airway immediately preceding or following the identifier, the routing is understood to be DIRECT to or from that point unless otherwise cleared by ATC or radials are listed (See item 5).
5. Routes beginning and ending with an airway indicate that the airway essentially overflies the airport or radar vectors will be applied.
6. Where more than one route is listed to the same destination, ensure you file correct route for type of aircraft which is denoted after the route in the altitude column using J,M,P, or Q. These are listed after item 10 under Aircraft Classification.
7. Although all airports are not listed under the destination column, IFR flight may be planned to satellite airports in the proximity of major airports via the same routing.
8. Los Angeles International Airport (LAX) and four other airports (ONT-SAN-TOA-SNA) have two options due to winds and these affect the traffic flows and runways in use. To indicate the difference the following symbols are used after the airport: Runway Number, W for west indicating normal conditions, E for East, and N for North indicating other than normal operation. If nothing follows the airport use this route on either West, East, or North plan. Other destinations have different arrivals due to LAX being East and they have the notation "(LAXE)." Torrance Airport is also unique in that the airport is shared between Los Angeles and Coast area of Southern California TRACON; for Runway 11 departures use Coast area routings and for Runway 29 departures use Los Angeles area routings.
9. When filing flight plans, the coded route identifier, i.e. SANL2, VTUL4, POML3 may be used in lieu of the route of flight.
10. Aircraft types i.e. J, M, P, and Q are listed at the beginning of the altitude and should be used with the route of flight filed. (See Aircraft Classification below). The altitudes shown are to be used for the route. This allows for separation of various arrival routes, departure routes, and overflights to, from, and over all airports in the Southern California area.

LEGENDS

AIRCRAFT CLASSIFICATION

- (J) =Jet powered
- (M) =Turbo Props/Special (cruise speed 190 knots or greater)
- (P) =Non-jet (cruise speed 190 knots or greater)
- (Q) =Non-jet (cruise speed 189 knots or less)

TOWER ENROUTE CONTROL FOR SOUTHERN CALIFORNIA

BURBANK AREA

FROM: BUR VNY WHP

| TO: | ROUTE ID | ROUTE | ALTITUDE |
|---|----------|---|----------|
| HHR | BURN1 | V186 ADAMM V394 HHR RY25 LOC..... | PQ50 |
| HHR | BURN2 | V186 ITSME V264 POM V394 HHR RY25 LOC | JM70 |
| HHR (LAXE) | BURN3 | VNY095R ELMOO | JMPQ50 |
| LAX | BURN4 | VNY095R PURMS | JMPQ50 |
| LAX (LAXE) | BURN5 | VNY SMO | JM50PQ40 |
| SMO | BURN6 | VNY095R DARTS..... | JMPQ50 |
| CCB | BURN7 | V186 ITSME V264 POM..... | JM70PQ50 |
| CNO EMT REI L65 AJO ONT POC RAL RIR RIV SBD..... | BURN8 | V186 PDZ..... | PQ50 |
| CNO EMT REI L65 AJO ONT POC RAL RIR RIV SBD..... | BURN9 | V186 ITSME V264 POM V197 PDZ..... | JM70 |
| HMT | BURN10 | V186 PDZ V186 WESIN..... | PQ50 |
| HMT | BURN11 | V186 ITSME V264 POM V197 PDZ V186 WESIN..... | JM70 |
| F70 | BURN14 | V186 PDZ V186 NIKKL..... | PQ50 |
| F70 | BURN15 | V186 ITSME V264 POM V197 PDZ V186 NIKKL | JM70 |
| AVX | BURN16 | V186 BAYJY V363 DANAH SXC065R SXC | PQ50 |
| AVX | BURN17 | TWINE V518 KIMMO V459 SLI V21 SXC.. | JM90 |
| AVX (LAXE) | BURN18 | V186 BAYJY V363 DANAH SXC065R SXC | JM50 |
| LGB FUL SLI TOA..... | BURN19 | V186 ADAMM V394 SLI..... | PQ50 |
| SNA | BURN20 | V186 BAYJY V363 POXKU V8 SLI | PQ50 |
| LGB SNA FUL SLI TOA | BURN21 | TWINE V518 KIMMO V459 SLI..... | JM90 |
| FUL SLI TOA (LAXE)..... | BURN22 | V186 ADAMM V394 SLI | JM50 |
| SNA (LAXE) | BURN23 | V186 BAYJY V363 POXKU V8 SLI | JM50 |
| LGB (LAXE) | BURN24 | V186 ADAMM V394 SLI..... | M50 |
| LGB (LAXE) | BURN25 | V186 BAYJY V363 DANAH V23 SLI | J70 |
| CRQ NFG NXX OKB..... | BURN26 | V186 ROBNN V458 OCN | PQ70 |
| CRQ NFG NXX OKB..... | BURN27 | TWINE V518 KIMMO V459 SLI V23 OCN . | JM90 |
| CRQ NFG NXX OKB (LAXE) | BURN28 | V186 BAYJY V363 DANAH V23 OCN | JM70 |
| MYF NRS NZY SAN SDM SEE..... | BURN29 | V186 HAILE V66 MZB | PQ90 |
| MYF NRS NZY SAN SDM SEE..... | BURN30A | TWINE V518 KIMMO V459 SLI V23 KELPS MZB | M90 |
| MYF NRS NZY SAN SDM SEE..... | BURN30B | TWINE V518 KIMMO V459 SLI SLI171 LAX118 CARDI MZB320 MZB | J110 |
| MYF NRS NZY SAN SDM SEE (LAXE) | BURN31 | V186 BAYJY V363 DANAH V23 KELPS MZB | J110M90 |
| SAN (SANE)..... | BURN32 | V186 BAYJY V363 DANAH V165 SARGS.. | PQ50 |
| SAN (SANE)..... | BURN33 | TWINE V518 KIMMO V459 SLI V165 SARGS | J110M90 |
| SAN (SANE) (LAXE)..... | BURN34 | V186 POM164R V25 REDIN V165 SARGS | JM70 |
| RNM | BURN35 | V186 ROBNN V208 JLI..... | PQ70 |
| RNM | BURN36 | TWINE V518 KIMMO V459 SLI V23 OCN V208 JLI..... | JM90 |
| RNM (LAXE) | BURN37 | V186 BAYJY V363 DANAH V23 OCN V208 JLI | JM70 |
| OXR CMA NTD..... | BURN38 | FIM | JMPQ60 |
| SBA | BURN39 | FIM V186 DEANO V27 KWANG | JMPQ60 |

TOWER ENROUTE CONTROL

COAST AREA

FROM: FUL LGB SLI SNA TOA (RWY11)

| TO: | ROUTE ID | ROUTE | ALTITUDE |
|--------------------------------------|-----------------|--|-----------------|
| BUR..... | CSTN1 | SLI V23 POPPR SMO125R SMO SMO311R SILEX..... | PQ40 |
| BUR..... | CSTN2 | SLI V23 LAX LAX316R SILEX..... | JM60 |
| WHP VNY..... | CSTN3 | SLI V23 POPPR SMO125R SMO SMO317R CANOG..... | PQ40 |
| WHP VNY..... | CSTN4 | SLI V23 LAX LAX320R CANOG..... | JM60 |
| BUR VNY WHP (LAXE)..... | CSTN5 | SLI SLI341R ELMOO V186 VNY..... | JMPQ60 |
| HHR..... | CSTN6 | SLI SLI340R WELLZ HHR RY25 LOC..... | JM70PQ40 |
| TO: | ROUTE ID | ROUTE | ALTITUDE |
| LAX..... | CSTN7 | SLI..... | JM70PQ40 |
| LAX (LAXE)..... | CSTN8 | SLI V8 TANDY..... | JM50PQ40 |
| SMO..... | CSTN9 | SLI V8 POXKU V363 BAYJY V186 DARTS | PQ60 |
| SMO..... | CSTN10 | SLI V459 DARTS..... | JM80 |
| SMO (LAXE)..... | CSTN11 | SLI SLI341R ELMOO VNY095R DARTS.... | JM50PQ40 |
| CCB EMT POC..... | CSTN12 | SLI V8 POXKU V363 POM..... | JMPQ50 |
| CNO REI L65 AJO ONT RAL RIR RIV SBD. | CSTN13 | SLI V8 PDZ..... | JM60PQ50 |
| HMT..... | CSTN14 | SLI V8 PDZ V186 WESIN..... | JM60PQ50 |
| F70..... | CSTN16 | SLI V8 PDZ V186 NIKKL..... | JM60PQ50 |
| CRQ NFG NKX OKB..... | CSTN17 | V25 PACIF V208 OCN..... | JM70 |
| RNM..... | CSTN18 | V25 PACIF V208 JLI..... | JM70 |
| MYF NRS NZY SAN SDM SEE..... | CSTN19 | V25 PACIF V208 LAX118R CARDI MZB320R MZB..... | J110M90 |
| SAN (SANE)..... | CSTN20 | V25 REDIN V165 SARGs..... | J110M90 |
| SBA..... | CSTN21 | SLI V23 LAX V299 VTU VTU282R KWANG | PQ60 |
| SBA (LAXE)..... | CSTN22 | SLI SLI341R ELMOO VNY095R VNY V186 FIM V186 DEANO V27 KWANG..... | MPQ60 |
| SBA (LAXE)..... | CSTN23 | SXC V208 VTU VTU282R KWANG..... | J100 |
| NTD OXR CMA..... | CSTN24 | SLI V23 POPPR SMO125R SMO VNY..... | PQ40 |
| SMO (LAXE)..... | CSTN25 | SLI SLI341R ELMOO VNY095R VNY FIM. | PQ40 |
| CMA NTD OXR (LAX E)..... | CSTN25A | SLI SLI341R ELMOO V186 FIM..... | JM60 |

FROM: LGB

| TO: | ROUTE ID | ROUTE | ALTITUDE |
|------------------|----------|---------------------------------|----------|
| SBA..... | CSTN26 | LAX V299 VTU VTU282R KWANG..... | J100M80 |
| NTD OXR CMA..... | CSTN27 | SLI V23 LAX VNY..... | JM60 |

FROM: FUL SLI SNA TOA (RWY11)

| TO: | ROUTE ID | ROUTE | ALTITUDE |
|------------------|----------|---------------------------------|----------|
| SBA..... | CSTN28 | SXC V208 VTU VTU282R KWANG..... | J100M80 |
| NTD OXR CMA..... | CSTN29A | SLI V23 LAX VNY..... | M60 |
| NTD OXR CMA..... | CSTN29B | SXC V208 VTU..... | J80 |

FROM: SNA

| TO: | ROUTE ID | ROUTE | ALTITUDE |
|------------------------------|----------|-------------------------|----------|
| CRQ NFG NKX OKB..... | CSTN30 | V23 OCN..... | PQ50 |
| MYF NRS NZY SAN SDM SEE..... | CSTN31 | V23 MZB..... | PQ50 |
| RNM..... | CSTN32 | V23 OCN V208 JLI..... | PQ70 |
| SAN (SANE)..... | CSTN33 | V23 OCN V165 SARGs..... | PQ50 |

FROM: FUL LGB SLI TOA (RWY11) when SNA South traffic

| TO: | ROUTE ID | ROUTE | ALTITUDE |
|------------------------------|----------|-------------------------------------|----------|
| CRQ NFG NKX OKB..... | CSTN34 | SLI V64 V363 DANAH V23 OCN..... | PQ50 |
| RNM..... | CSTN35 | SLI V64 V363 DANAH V23 OCN V208 JLI | PQ70 |
| MYF NRS NZY SAN SDM SEE..... | CSTN36 | SLI V64 V363 DANAH V23 MZB..... | PQ50 |
| SAN (SANE)..... | CSTN37 | SLI V64 V363 DANAH V165 SARGs..... | PQ50 |

FROM: FUL LGB SLI TOA (RWY 11) when SNA North traffic

| TO: | ROUTE ID | ROUTE | ALTITUDE |
|------------------------------|----------|-------------------------|----------|
| CRQ NFG NKX OKB..... | CSTN38 | V23 OCN..... | PQ50 |
| MYF NRS NZY SAN SDM SEE..... | CSTN39 | V23 MZB..... | PQ50 |
| RNM..... | CSTN40 | V23 OCN V208 JLI..... | PQ70 |
| SAN (SANE)..... | CSTN41 | V23 OCN V165 SARGs..... | PQ50 |

FROM: AVX

| TO: | ROUTE ID | ROUTE | ALTITUDE |
|---------------------------------------|----------|---|-------------|
| BUR | CSTN42 | SXC V21 SLI V23 POPPR SMO125R SMO SMO311R SILEX | PQ40 |
| BUR (LAXE) | CSTN43 | SXC V21 SLI V23 LAX LAX316R SILEX | PQ40 |
| BUR | CSTN44 | SXC V21 SLI V23 LAX LAX316R SILEX | JM60 |
| WHP VNY | CSTN45 | SXC V21 SLI V23 POPPR SMO125R SMO SMO317R CANOG | PQ40 |
| WHP VNY (LAXE) | CSTN46 | SXC V21 SLI V23 LAX LAX320R CANOG | PQ40 |
| WHP VNY | CSTN47 | SXC V21 SLI V23 LAX LAX320R CANOG | JM60 |
| CCB EMT POC | CSTN48 | SLI V8 POXKU V363 POM | JMPQ50 |
| CNO REI L65 AJO ONT RAL RIR RIV SBD . | CSTN49 | SLI V8 PDZ | JM60PQ50 |
| F70 | CSTN51 | SLI V8 PDZ V186 NIKKL | JM60PQ50 |
| HMT | CSTN52 | SLI V8 PDZ V186 WESIN | JM60PQ50 |
| CRQ NFG NKX OKB | CSTN53 | SXC V208 OCN | JMPQ50 |
| MYF NRS NZY SAN SDM SEE | CSTN54 | SXC V208 LAX118R CARDI MZB320R MZB | J110M90 |
| RNM | CSTN55 | SXC V208 JLI | JMPQ70 |
| MYF NRS NZY SAN SDM SEE | CSTN56 | SXC V208 OCN V23 MZB | PQ50 |
| SAN (SANE) | CSTN57 | SXC V208 OCN V165 SARGs | PQ50 |
| NTD OXR CMA | CSTN58 | SXC V208 VTU | JM80PQ60 |
| SBA | CSTN59 | SXC V208 VTU VTU282R KWANG | J100M80PQ60 |
| SMO | CSTN60 | SXC V21 SLI V8 POXKU V363 BAYJY V186 DARTS | PQ60 |
| SMO (LAXE) | CSTN61 | SXC V21 SLI SLI341R ELMOO VNY095R DARTS | PQ40 |

LOS ANGELES AREA

FROM: LAX West (J Class)

| TO: | ROUTE ID | ROUTE | ALTITUDE |
|---------------------------------------|----------|--|----------|
| BUR | LAXN1 | LAX316R SILEX | J50 |
| WHP VNY | LAXN2 | LAX320R CANOG | J50 |
| AVX | LAXN3 | LAXX DP SLI V21 SXC | J50 |
| FUL LGB SLI SNA TOA | LAXN4 | LAXX DP SLI | J50 |
| CCB EMT POC | LAXN5 | LAXX DP SLI V8 POXKU V363 POM | J90 |
| CNO REI L65 AJO RAL RIR RIV SBD ONT . | LAXN6 | LAXX DP SLI V8 PDZ | J90 |
| HMT | LAXN7 | LAXX DP SLI V8 PDZ V186 WESIN | J90 |
| F70 | LAXN9 | LAXX DP SLI V8 PDZ V186 NIKKL | J90 |
| CRQ NFG NKX OKB | LAXN10 | LAXX DP SLI SLI171R ALBAS V25 PACIF V208 OCN | J110 |
| MYF NRS NZY SAN SDM SEE | LAXN11 | LAXX DP MZB | J110 |
| RNM | LAXN12 | LAXX DP SLI SLI171R ALBAS V25 PACIF V208 JLI | J110 |
| SAN (SANE) | LAXN13 | LAXX DP SLI SLI171R ALBAS V25 REDIN V165 SARGs | J110 |
| OXR CMA NTD | LAXN14 | VENTURA DP VTU | J60 |
| SBA | LAXN15 | VENTURA DP VTU VTU282R KWANG | J100 |

FROM: LAX East (J Class)

| TO: | ROUTE ID | ROUTE | ALTITUDE |
|---------------------------------------|----------|--|----------|
| BUR | LAXN16 | LAX316R SILEX | J50 |
| WHP VNY | LAXN17 | LAX320R CANOG | J50 |
| AVX | LAXN18 | LAXX DP SLI V21 SXC | J50 |
| FUL LGB SLI SNA TOA | LAXN19 | LAXX DP SLI | J40 |
| CCB EMT POC | LAXN20 | LAXX DP SLI V8 POXKU V363 POM | J90 |
| CNO REI L65 AJO RAL RIR RIV SBD ONT . | LAXN21 | LAXX DP SLI V8 PDZ | J90 |
| HMT | LAXN22 | LAXX DP SLI V8 PDZ V186 WESIN | J90 |
| F70 | LAXN24 | LAXX DP SLI V8 PDZ V186 NIKKL | J90 |
| CRQ NFG NKX OKB | LAXN25 | LAXX DP SLI SLI148R V25 PACIF V208 OCN | J110 |
| MYF NRS NZY SAN SDM SEE | LAXN26 | LAXX DP SLI SLI148R V25 PACIF V208 LAX118R CARDI | |
| | | MZB320R MZB | J110 |
| RNM | LAXN27 | LAXX DP SLI SLI148R V25 PACIF V208 JLI | J110 |

TOWER ENROUTE CONTROL

| | | | |
|-------------------|--------|--|------|
| SAN (SANE) | LAXN28 | LAXX DP SLI SLI148R V25 REDIN V165 SARGS | J110 |
| OXR CMA NTD | LAXN29 | VENTURA DP VTU | J60 |
| SBA | LAXN30 | VENTURA DP VTU VTU282R KWANG..... | J100 |

FROM: LAX West and East (M Class)

| TO: | ROUTE ID | ROUTE | ALTITUDE |
|--------------------------------------|----------|--|----------|
| BUR | LAXN31 | LAX316R SILEX | M50 |
| WHP VNY | LAXN32 | LAX320R CANOG | M50 |
| AVX | LAXN33 | SEAL BEACH DP SLI V21 SXC | M50 |
| FUL LGB SLI SNA TOA | LAXN34 | SEAL BEACH DP SLI..... | M50 |
| CCB EMT POC..... | LAXN35 | SEAL BEACH DP SLI V8 POXKU V363 POM | M50 |
| CNO REI L65 AJO RAL RIR RIV SBD ONT. | LAXN36 | SEAL BEACH DP SLI V8 PDZ..... | M50 |
| HMT | LAXN37 | SEAL BEACH DP SLI V8 PDZ V186 WESIN | M50 |
| F70..... | LAXN39 | SEAL BEACH DP SLI V8 PDZ V186 NIKKL | M50 |
| CRQ NFG NKX OKB (LAXW) | LAXN40 | SEAL BEACH DP SLI SLI171R ALBAS V25 PACIF V208 OCN | M90 |
| CRQ NFG NKX OKB (LAXE) | LAXN41 | SEAL BEACH DP SLI SLI148R V25 PACIF V208 OCN | M90 |
| MYF NRS NZY SAN SDM SEE (LAXW) | LAXN42 | SEAL BEACH DP SLI SLI171R ALBAS V25 PACIF V208 LAX118R | M90 |
| MYF NRS NZY SAN SDM SEE (LAXE) | LAXN43 | SEAL BEACH DP SLI SLI148R V25 PACIF V208 MZB320R MZB | M90 |
| SAN (SANE) (LAXW) | LAXN44 | SEAL BEACH DP SLI SLI171R ALBAS V25 REDIN V165 SARGS | M90 |
| SAN (SANE) (LAXE) | LAXN45 | SEAL BEACH DP SLI SLI148R V25 REDIN V165 SARGS | M90 |
| RNM(LAXW) | LAXN46 | SEAL BEACH DP SLI SLI171R ALBAS V25 PACIF V208 JLI | M90 |
| RNM(LAXE) | LAXN47 | SEAL BEACH DP SLI SLI148R V25 PACIF V208 JLI..... | M90 |
| OXR CMA NTD (LAXW) | LAXN48 | VENTURA DP VTU | M60 |
| OXR CMA NTD (LAXE) | LAXN49 | CHATY DP VTU | M60 |
| SBA (LAXW)..... | LAXN50 | VENTURA DP VTU VTU282R KWANG..... | M60 |
| SBA (LAXE)..... | LAXN51 | CHATY DP KWANG..... | M60 |

FROM: LAX West and East (P and Q Class)

| TO: | ROUTE ID | ROUTE | ALTITUDE |
|--------------------------------------|----------|--|----------|
| BUR | LAXN52 | LAX316R SILEX | PQ40 |
| WHP VNY | LAXN53 | LAX320R CANOG..... | PQ40 |
| AVX | LAXN54 | SEAL BEACH DP SLI V21 SXC..... | PQ40 |
| FUL LGB SLI SNA TOA | LAXN55 | SEAL BEACH DP SLI..... | PQ40 |
| CCB EMT POC | LAXN56 | SEAL BEACH DP SLI V8 POXKU V363 POM | PQ50 |
| CNO REI L65 AJO RAL RIR RIV SBD ONT | LAXN57 | SEAL BEACH DP SLI V8 PDZ..... | PQ50 |
| HMT | LAXN58 | SEAL BEACH DP SLI V8 PDZ V186 WESIN | PQ50 |
| F70..... | LAXN60 | SEAL BEACH DP SLI V8 PDZ V186 NIKKL | PQ50 |
| CRQ NFG NKX OKB | LAXN61 | SEAL BEACH DP SLI V64 V363 DANAH V23 OCN | PQ50 |
| CRQ NFG NKX OKB (SNAN) | LAXN62 | SEAL BEACH DP SLI V23 OCN | PQ50 |
| MYF NRS NZY SAN SDM SEE..... | LAXN63 | SEAL BEACH DP SLI V64 V363 DANAH V23 MZB | PQ50 |
| MYF NRS NZY SAN SDM SEE (SNAN) | LAXN64 | SEAL BEACH DP SLI V23 MZB | PQ50 |
| RNM | LAXN65 | SEAL BEACH DP SLI V64 V363 DANAH V23 OCN JLI | PQ70 |
| RNM (SNAN) | LAXN66 | SEAL BEACH DP SLI V23 OCN V208 JLI.. | PQ70 |
| SAN (SANE)..... | LAXN67 | SEAL BEACH DP SLI V64 V363 DANAH V165 SARGS | PQ50 |
| OXR CMA NTD..... | LAXN68 | VNY | PQ40 |
| SBA (LAXW)..... | LAXN69 | VENTURA DP VTU VTU282R KWANG..... | PQ60 |
| SBA (LAXE)..... | LAXN70 | CHATY DP KWANG..... | PQ60 |

FROM: HHR TOA (RWY29)

| TO: | ROUTE ID | ROUTE | ALTITUDE |
|--------------|----------|-------------------------|----------|
| BUR | SCTN1 | SMO SMO311R SILEX | JM50PQ40 |
| WHP VNY..... | SCTN2 | SMO SMO317R CANOG..... | JM50PQ40 |

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TOWER ENROUTE CONTROL

| | | | |
|---------------------------------------|--------|--|-----------|
| AVX | SCTN3 | SXC | JM50PQ40 |
| FUL LGB SLI SNA TOA | SCTN4 | LIMBO V64 SLI..... | JM50PQ40 |
| FUL LGB SLI SNA TOA (LAXE)..... | SCTN5 | SLI | JMPQ40 |
| CCB EMT POC | SCTN6 | LIMBO V64 SLI V8 POXKU V363 POM | J90MPQ50 |
| CNO REI L65 AJO RAL RIR RIV SBD ONT . | SCTN7 | LIMBO V64 SLI V8 PDZ..... | J90MPQ50 |
| HMT | SCTN8 | LIMBO V64 SLI V8 PDZ V186 WESIN..... | J90MPQ50 |
| F70 | SCTN10 | LIMBO V64 SLI V8 PDZ V186 NIKKL..... | J90MPQ50 |
| CRQ NFG NKX OKB..... | SCTN11 | LIMBO V64 V363 DANAH V23 OCN..... | PQ50 |
| CRQ NFG NKX OKB..... | SCTN12 | LIMBO V64 WILMA V25 PACIF V208 OCN | J110M90 |
| CRQ NFG NKX OKB (LAXE)..... | SCTN13 | SLI SLI148R V25 PACIF V208 OCN..... | J110M90 |
| CRQ NFG NKX OKB (SNAN)..... | SCTN14 | LIMBO V64 SLI V23 OCN | PQ50 |
| MYF NRS NZY SAN SDM SEE..... | SCTN15 | LIMBO V64 V363 DANAH V23 MZB..... | PQ50 |
| MYF NRS NZY SAN SDM SEE (LAXE)..... | SCTN16 | SLI V64 V363 DANAH V23 MZB | PQ50 |
| MYF NRS NZY SAN SDM SEE..... | SCTN17 | LIMBO V64 WILMA V25 PACIF V208 LAX118R CARDI MZB320R MZB..... | J110M90 |
| MYF NRS NZY SAN SDM SEE (LAXE)..... | SCTN18 | SLI SLI148R V25 PACIF V208 MZB320R MZB | J110M90 |
| MYF NRS NZY SAN SDM SEE (SNAN)..... | SCTN19 | LIMBO V64 SLI V23 MZB | PQ50 |
| RNM | SCTN20 | LIMBO V64 V363 DANAH V23 OCN V208 JLI | PQ70 |
| RNM (SNAN) | SCTN21 | LIMBO V64 SLI V23 OCN V208 JLI | PQ70 |
| RNM | SCTN22 | LIMBO V64 SLI V23 OCN V208 JLI | J110M90 |
| RNM (LAXE) | SCTN23 | SLI SLI148R V25 PACIF V208 JLI | J110M90 |
| SAN (SANE)..... | SCTN24 | LIMBO V64 V363 DANAH V165 SARGS ... | PQ50 |
| SAN (SANE)..... | SCTN25 | LIMBO V64 WILMA V25 REDIN V165 SARGS | J110M90 |
| OXR CMA NTD..... | SCTN26 | SMO VNY | PQ40 |
| OXR CMA NTD..... | SCTN27 | LAX VTU | JM60 |
| SBA | SCTN28 | SMO V107 SADDE V299 VTU VTU282R KWANG | J100MPQ60 |
| SBA (LAXE) | SCTN29 | LAX V23 V186 DEANO V27 KWANG | JM50PQ40 |
| EDW L00 MHV PMD WJF IYK NID TSP | | | |
| VCV | SCTN30 | LAX V165 LANGE V518 PMD | JMPQ70 |
| SMO | SCTN31 | LIMBO V64 SLI V8 POXKU V363 BAYJY V186 DARTS..... | PQ60 |
| SMO | SCTN32 | LIMBO V64 SLI V459 DARTS..... | JM80 |
| SMO (LAXE)..... | SCTN33 | LIMBO V64 SLI SLI341R ELMOO VNY095R DARTS..... | PQ40 |
| SMO (LAXE)..... | SCTN34 | LIMBO V64 SLI SLI341R ELMOO V186 DARTS..... | JM50 |

FROM: SMO

| TO: | ROUTE ID | ROUTE | ALTITUDE |
|---------------------------------------|-----------------|---|-----------------|
| BUR | SMON1 | SMO SMO311R SILEX..... | JM50PQ40 |
| WHP VNY..... | SMON2 | SMO SMO317R CANOG | JM50PQ40 |
| AVX | SMON3 | SMO SMO125R SXC350R SXC..... | M50PQ40 |
| FUL LGB SLI SNA TOA | SMON4 | SMO SMO125R V64 SLI..... | M50PQ40 |
| FUL LGB SLI SNA TOA | SMON5 | SLI | J50 |
| FUL LGB SLI SNA TOA (LAXE)..... | SMON6 | SMO LAX V23 SLI | JMPQ40 |
| CCB EMT POC | SMON7 | SMO SMO125R V64 SLI V8 POXKU V363 POM | MPQ50 |
| CCB EMT POC | SMON8 | SLI V8 POXKU V363 POM | J90 |
| CNO REI L65 AJO RAL RIR RIV SBD ONT . | SMON9 | SMO SMO125R V64 SLI V8 PDZ..... | MPQ50 |
| CNO REI L65 AJO RAL RIR RIV SBD ONT . | SMON10 | SLI V8 PDZ | J90 |
| HMT | SMON11 | SMO SMO125R V64 SLI V8 PDZ V186 WESIN..... | MPQ50 |
| HMT | SMON12 | SLI V8 PDZ V186 WESIN | J90 |
| F70 | SMON15 | SMO SMO125R V64 SLI V8 PDZ V186 NIKKL | MPQ50 |
| F70 | SMON16 | SLI V8 PDZ V186 NIKKL | J90 |
| CRQ NFG NKX OKB..... | SMON17 | SMO SMO125R V64 V363 DANAH V23 OCN | PQ50 |
| CRQ NFG NKX OKB..... | SMON18 | SMO SMO125R V64 SLI V23 OCN | M90 |
| CRQ NFG NKX OKB..... | SMON19 | SXC V208 OCN | J110 |
| CRQ NFG NKX OKB (LAXE)..... | SMON20 | SMO LAX V23 SLI SLI148R V25 PACIF V208 OCN | J110M90 |
| CRQ NFG NKX OKB (SNAN)..... | SMON21 | SMO SMO125R V64 SLI V23 OCN | PQ50 |
| MYF NRS NZY SAN SDM SEE..... | SMON22 | SMO SMO125R V64 V363 DANAH V23 MZB | PQ50 |
| MYF NRS NZY SAN SDM SEE (LAXE)..... | SMON23 | SMO LAX V23 SLI V64 V363 DANAH V23 MZB | PQ50 |

TOWER ENROUTE CONTROL

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| | | | |
|--------------------------------------|--------|---|-----------|
| MYF NRS NZY SAN SDM SEE | SMON24 | SMO SMO125R V64 SLI V23 MZB | M90 |
| MYF NRS NZY SAN SDM SEE | SMON25 | SXC V208 LAX118R CARDI MZB320R MZB | J110 |
| MYF NRS NZY SAN SDM SEE (LAXE) | SMON26 | SMO LAX V23 SLI SLI148R V25 PACIF V208 LAX118R CARDI MZB320R MZB | J110M90 |
| MYF NRS NZY SAN SDM SEE (SNAN) | SMON27 | SMO SMO125R V64 SLI V23 MZB | PQ50 |
| RNM | SMON28 | SMO SMO125R V64 V363 DANAH V23 OCN V208 JLI | PQ70 |
| RNM (SNAN) | SMON29 | SMO SMO125R V64 SLI V23 OCN V208 JLI | PQ70 |
| RNM | SMON30 | SMO SMO125R V64 SLI V23 OCN V208 JLI | M90 |
| RNM | SMON31 | SXC V208 JLI | J110 |
| RNM (LAXE) | SMON32 | SMO LAX V23 SLI V23 OCN V208 JLI | J110M90 |
| SAN (SANE) | SMON33 | SMO SMO125R V64 V363 DANAH V165 SARGS | PQ50 |
| SAN (SANE) | SMON34 | SMO SMO125R V64 SLI V165 SARGS | M90 |
| SAN (SANE) | SMON35 | SXC V208 PACIF V25 REDIN V165 SARGS | J110 |
| OXR CMA NTD | SMON36 | SMO VNY | PQ40 |
| OXR CMA NTD | SMON37 | VTU | JM60 |
| SBA | SMON38 | SMO V107 SADDE V299 VTU VTU282R KWANG | J100MPQ60 |
| SBA (LAXE) | SMON39 | LAX V23 V186 DEANO V27 KWANG | JM50PQ40 |

EMPIRE AREA

FROM: CCB CNO EMT HMT REI L65 AJO RAL RIR RIV SBD F70 ONT POC

| TO: | ROUTE ID | ROUTE | ALTITUDE |
|-------------------------------|----------|---|-----------|
| BUR VNY WHP | ONTN1 | PDZ V186 VNY | PQ60 |
| BUR VNY WHP | ONTN2 | PDZ V197 POM V264 ITSME V186 VNY .. | JM80 |
| HHR | ONTN3 | PDZ PDZ270R HHR RY25 LOC | JMPQ30 |
| LAX | ONTN4 | PDZ PDZ270R LAX RWY 24R LOC | JMPQ40 |
| LAX (LAXE) | ONTN5 | PDZ PDZ270R V394 AHEIM V8 TANDY ... | PQ40 |
| LAX (LAXE) | ONTN6 | PDZ PRADO V363 DANAH V23 SLI V8 TANDY | JM80 |
| SMO | ONTN7 | PDZ V186 DARTS | JMPQ60 |
| AVX | ONTN8 | PDZ PRADO V363 DANAH SXC065R SXC | JMPQ70 |
| FUL LGB SLI TOA | ONTN9 | PDZ PDZ270R V394 SLI | JMPQ40 |
| SNA | ONTN10 | PDZ PDZ270R V363 POXKU V8 SLI | JMPQ40 |
| CRQ NFG NKX OKB | ONTN11 | PDZ V186 ROBNN V458 OCN | JM110PQ70 |
| MYF NRS NZY SAN SDM SEE | ONTN12 | PDZ V186 HAILE V66 MZB | JM110PQ90 |
| RNM | ONTN13 | PDZ V186 ROBNN V208 JLI | JM110PQ70 |
| CMA OXR NTD | ONTN14 | PDZ V186 FIM | PQ60 |
| CMA OXR NTD | ONTN15 | PDZ V197 POM V264 ITSME V186 FIM ... | JM80 |
| SBA | ONTN16 | PDZ V186 DEANO V27 KWANG | PQ60 |
| SBA | ONTN17 | PDZ V197 POM V264 ITSME V186 DEANO V27 KWANG | JM80 |
| TIJ | ONTN18 | PDZ V186 PGY TIJ | JM110PQ90 |

PT MUGU AREA

FROM: OXR CMA

| TO: | ROUTE ID | ROUTE | ALTITUDE |
|-------------------------------|----------|--|----------|
| SBA | VTUN1 | KWANG | JMPQ40 |
| BUR | VTUN2 | VTU054R TOAKS | JMPQ50 |
| WHP VNY | VTUN3 | CMA CMA072R GINNA | JMPQ50 |
| PMD WJF EDW NID VCV IYK L00 | | | |
| MHV TSP | VTUN4 | FIM V386 PMD | JMPQ70 |
| AVX | VTUN5 | VTU V208 SXC | JM70PQ50 |
| FUL LGB SLI TOA | VTUN6 | VTU044R GINNA V326 VNY V186 ADAMM V394 SLI | PQ50 |
| SNA | VTUN7 | VTU044R GINNA V326 VNY V186 BAYJY V363 POXKU V8 SLI | PQ50 |
| HHR | VTUN8 | VTU V299 SADDE V107 SMO SMO125R POPPR V23 SLI | PQ50 |
| FUL LGB SLI TOA SNA HHR | VTUN9 | VTU V208 SXC SLI | JM70 |
| HHR (LAXE) | VTUN10 | VTU044R GINNA V326 VNY V186 ELMOO | JM70PQ50 |
| LAX | VTUN11 | VTU V299 SADDE V107 SMO | JMPQ50 |
| LAX (LAXE) | VTUN12 | VTU V25 EXERT | JMPQ50 |

SW, 29 MAR 2018 to 24 MAY 2018

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TOWER ENROUTE CONTROL

| | | | |
|--|--------|--|----------|
| SMO | VTUN13 | VTU044R GINNA V326 VNY V186 DARTS | JMPQ50 |
| CCB | VTUN14 | VTU044R GINNA V326 VNY V186 ITSME V264 POM..... | JM70PQ50 |
| CNO EMT REI L65 AJO ONT POC RAL RIR RIV SBD | VTUN15 | VTU044R GINNA V326 VNY V186 PDZ.... | PQ50 |
| CNO EMT REI L65 AJO ONT POC RAL RIR RIV SBD | VTUN16 | VTU044R GINNA V326 VNY V186 ITSME V264 POM V197 PDZ..... | JM70 |
| HMT | VTUN17 | VTU044R GINNA V326 VNY V186 PDZ V186 WESIN..... | PQ50 |
| HMT | VTUN18 | VTU044R GINNA V326 VNY V186 ITSME V264 POM V197 PDZ V186 WESIN..... | JM70 |
| F70 | VTUN21 | VTU044R GINNA V326 VNY V186 PDZ V186 NIKKL | PQ50 |
| F70 | VTUN22 | VTU044R GINNA V326 VNY V186 ITSME V264 POM V197 PDZ V186 NIKKL..... | JM70 |
| CRQ NFG NKX OKB..... | VTUN23 | VTU044R GINNA V326 VNY V186 ROBNN V458 OCN | PQ70 |
| CRQ NFG NKX OKB (LAXE) | VTUN24 | VTU044R GINNA V326 VNY V186 ROBNN V458 OCN | PQ70 |
| CRQ NFG NKX OKB..... | VTUN25 | VTU V208 SXC V208 OCN..... | J110M90 |
| MYF NRS NZY SAN SDM SEE..... | VTUN26 | VTU044R GINNA V326 VNY V186 HAILE V66 MZB | PQ90 |
| MYF NRS NZY SAN SDM SEE (LAXE) | VTUN27 | VTU044R GINNA V326 VNY V186 HAILE V66 MZB | PQ70 |
| MYF NRS NZY SAN SDM SEE..... | VTUN28 | VTU V208 SXC V208 LAX118R CARDI MZB320R MZB | J110M90 |
| RNM | VTUN29 | VTU044R GINNA V326 VNY V186 ROBNN V208 JLI..... | PQ70 |
| RNM (LAXE) | VTUN30 | VTU044R GINNA V326 VNY V186 ROBNN V208 JLI | PQ70 |
| RNM | VTUN31 | VTU V208 SXC V208 JLI | J110M90 |
| SAN (SANE)..... | VTUN32 | VTU044R GINNA V326 VNY V186 BAYJY V363 DANAH V165 SARGs..... | PQ50 |
| SAN (SANE)..... | VTUN33 | VTU V208 SXC V27 REDIN V165 SARGs.. | J110M90 |
| SMX..... | VTUN34 | V25 RZS RZS286R KOAKS | JMPQ80 |
| IZA | VTUN35 | V25 RZS RZS277R CALLI..... | JMPQ60 |
| LPC | VTUN36 | V27 GVO..... | JMPQ60 |

SAN DIEGO AREA

FROM: CRQ MYF NFG NKX NRS NZY SAN SDM SEE RNM OKB L18 TIJ

| TO: | ROUTE ID | ROUTE | ALTITUDE |
|------------------------------|-----------------|--|-----------------|
| AVX | SANN1 | MZB V23 OCN V208 SXC | PQ60 |
| AVX | SANN2 | MZB293R V27 SXC | J100M80 |
| AVX | SANN2R | CWARD (RNAV)-DP CWARD AVOLS SXC... | J100M80 |
| FUL LGB SNA SLI TOA LAX..... | SANN3 | OCN V23 SLI | PQ60 |
| FUL LGB SNA SLI TOA LAX..... | SANN4 | MZB293R SLI148R SLI | J100M80 |
| FUL LGB SNA SLI TOA LAX..... | SANN4R | CWARD (RNAV)-DP SLI | J100M80 |
| LAX (LAXE)..... | SANN5 | OCN V23 SLI V8 TANDY | PQ60 |
| LAX (LAXE)..... | SANN6 | MZB293R SLI148R VTU114R SLI 251R TANDY..... | J100M80 |
| LAX (LAXE)..... | SANN6R | CWARD (RNAV)-DP CWARD AVOLS SXC TANDY..... | J100M80 |
| HHR | SANN7 | OCN V23 SLI SLI340R WELLZ HHR RY25 LOC..... | PQ60 |
| HHR | SANN8 | MZB293R SLI148R SLI SLI340R WELLZ HHR RY25 LOC | J100M80 |
| HHR (RWY25) | SANN8R | CWARD (RNAV)-DP SLI SLI340 WELLZ | J100M80 |
| SMO | SANN9 | OCN V23 DANAH V363 BAYJY V186 DARTS | PQ60 |
| SMO | SANN10 | MZB293R SLI148R SLI V459 DARTS..... | J100M80 |
| SMO | SANN10R | CWARD (RNAV)-DP SLI V459 DARTS | J100M80 |
| SMO (LAXE)..... | SANN11 | OCN V23 SLI SLI341R ELMOO VNY095R DARTS | PQ60 |
| SMO (LAXE)..... | SANN12 | MZB293R PEBLE SLI148R SLI SLI341R ELMOO V186 DARTS..... | J100M80 |
| SMO (LAXE)..... | SANN12R | CWARD (RNAV)-DP SLI SLI341 ELMOO VNY095 DARTS | J100M80 |

TOWER ENROUTE CONTROL

| | | | |
|---|---------|--|-----------------|
| BUR..... | SANN13 | OCN V23 POPPR SMO125R SMO SMO311R SILEX..... | PQ60 |
| BUR | SANN14 | MZB293R SLI148R SLI V23 LAX LAX316R SILEX..... | J100M80 |
| BUR | SANN14R | CWARD (RNAV)-DP LAX SILEX..... | J100M80 |
| WHP VNY | SANN15 | OCN V23 POPPR SMO125R SMO SMO317R CANOG..... | PQ60 |
| WHP VNY | SANN16 | MZB293R SLI148R SLI V23 LAX LAX320R CANOG..... | J100M80 |
| VNY WHP..... | SANN16R | CWARD (RNAV)-DP LAX CANOG..... | J100M80 |
| BUR VNY WHP (LAXE)..... | SANN17 | OCN V23 SLI SLI341R ELMOO VNY095R VNY..... | PQ60 |
| BUR VNY WHP (LAXE)..... | SANN18 | MZB293R PEBLE SLI148R SLI SLI341R ELMOO V186 VNY..... | J100M80 |
| BUR VNY WHP (LAXE)..... | SANN18R | CWARD (RNAV)-DP SLI SLI341 ELMOO VNY095 VNY..... | J100M80 |
| CNO AJO L65 REI ONT RAL RIR SBD RIV. ONT SBD..... | SANN19 | OCN V23 DANAH V363 POXKU V8 PDZ .. V186 TANNR HDF PETIS..... | PQ60 JM100 |
| CNO AJO RAL RIR | SANN21 | V186 PDZ | JM100 |
| L65 REI RIV..... | SANN22 | V186 TANNR HDF | JM100 |
| CCB EMT POC..... | SANN23 | OCN V23 DANAH V363 POM..... | PQ60 |
| CCB EMT POC..... | SANN24 | MZB293R POM164R POM | J100M80 |
| HMT | SANN25 | OCN V23 DANAH V363 POXKU V8 PDZ V186 WESIN..... | PQ60 JM100 |
| HMT | SANN26 | V186 WESIN | JM100 |
| F70..... | SANN29 | OCN V23 DANAH V363 POXKU V8 PDZ V186 NIKKL..... | PQ60 JM100 |
| F70..... | SANN30 | V186 NIKKL | JM100 |
| OXR CMA NTD | SANN31 | OCN V23 SLI SLI272R SMO125R SMO VNY | PQ60 |
| OXR CMA NTD | SANN32 | MZB293R V27 SXC V208 VTU..... | J100M80 |
| OXR CMA NTD | SANN32R | CWARD (RNAV)-DP PADZR CWARD AVOLS V208 VTU..... | J100M80 |
| CMA OXR NTD (LAXE) | SANN33 | OCN V23 SLI SLI341R ELMOO VNY095R VNY V186 FIM | PQ60 J100M80 |
| CMA OXR NTD (LAXE) | SANN34 | MZB V25 PACIF V208 VTU | J100M80 |
| OXR CMA NTD (LAXE) | SANN34R | CWARD (RNAV)-DP PADZR CWARD AVOLS V208 VTU | J100M80 |
| SBA | SANN35 | OCN V23 LAX V299 VTU VTU282R KWANG | PQ60 |
| SBA | SANN36 | MZB293R V27 SXC V208 VTU VTU282R KWANG..... | J100M80 |
| SBA | SANN36R | CWARD (RNAV)-DP CWARD AVOLS V208 VTU VTU282 KWANG | J100M80 |
| SBA (LAXE)..... | SANN37 | OCN V23 DANAH V363 BAYJY V186 DEANO V27 KWANG..... | PQ60 |

SANTA BARBARA AREA

FROM: SBA

TO:

| | ROUTE ID | ROUTE | ALTITUDE |
|------------------------------|-----------------|--|-----------------|
| BUR | SBAN1 | KWANG CMA CMA078R TOAKS | PQ50 |
| WHP VNY..... | SBAN2 | KWANG CMA CMA072R GINNA | PQ50 |
| BUR VNY..... | SBAN3 | HENER V186 FIM | J110M90 |
| AVX..... | SBAN4 | KWANG VTU V208 SXC | JM70PQ50 |
| FUL LGB SLI TOA | SBAN5 | KWANG CMA VNY V186 ADAMM V394 SLI | PQ50 |
| SNA | SBAN6 | KWANG CMA VNY V186 BAYJY V363 POXKU V8 SLI..... | PQ50 |
| HHR..... | SBAN7 | KWANG VTU V299 SADDE V107 SMO SMO125R POPPR V23 SLI..... | MPQ50 |
| FUL LGB SLI TOA SNA HHR..... | SBAN8 | KWANG VTU V208 SXC SLI..... | J110M90 |
| HHR (LAXE)..... | SBAN9 | KWANG CMA VNY V186 ELMOO..... | MPQ50 |
| LAX..... | SBAN10 | KWANG VTU V299 SADDE V107 SMO..... | JM110PQ50 |
| LAX (LAXE) | SBAN11 | KWANG VTU V25 EXERT | JM70PQ50 |
| SMO..... | SBAN12 | KWANG CMA VNY V186 DARTS..... | PQ50 |
| SMO..... | SBAN13 | HENER FIM V186 DARTS..... | J110M90 |
| CCB | SBAN14 | KWANG CMA VNY V186 ITSME V264 POM | PQ50 |
| CCB..... | SBAN15 | HENER V186 FIM V186 ITSME V264 POM | JM70 |

| | | | |
|--------------------------------------|--------|--|---------|
| RIV SBD..... | SBAN16 | KWANG CMA VNY V186 PDZ..... | PQ50 |
| CNO EMT REI L65 AJO POC ONT RAL RIR | | | |
| RIV SBD..... | SBAN17 | HENER FIM V186 ITSME V264 POM V197 PDZ..... | J110M90 |
| HMT | SBAN18 | KWANG CMA VNY V186 PDZ V186 WESIN | PQ50 |
| HMT | SBAN19 | HENER V186 ITSME V264 POM V197 PDZ V186 WESIN..... | J110M90 |
| F70 | SBAN22 | KWANG CMA VNY V186 PDZ V186 NIKKL | PQ50 |
| F70 | SBAN23 | HENER FIM V186 ITSME V264 POM V197 PDZ V186 NIKKL | J110M90 |
| CRQ NFG NKX OKB..... | SBAN24 | HENER V186 DARTS V597 OCN..... | PQ90 |
| CRQ NFG NKX OKB (LAXE) | SBAN25 | KWANG CMA VNY V186 ROBNN V458 OCN | PQ70 |
| CRQ NFG NKX OKB..... | SBAN26 | KWANG VTU V208 SXC V208 OCN | J110M90 |
| MYF NRS NZY SAN SDM SEE..... | SBAN27 | HENER V186 DARTS V597 MZB..... | PQ90 |
| MYF NRS NZY SAN SDM SEE (LAXE) | SBAN28 | KWANG CMA VNY V186 HAILE V66 MZB | PQ70 |
| MYF NRS NZY SAN SDM SEE..... | SBAN29 | KWANG VTU V208 SXC V208 LAX118R CARDI MZB320R MZB..... | J110M90 |
| SAN (SANE)..... | SBAN30 | KWANG CMA VNY V186 BAYJY V363 DANAH V165 SARGs..... | PQ50 |
| SAN (SANE)..... | SBAN31 | KWANG VTU V208 SXC V27 REDIN V165 SARGs..... | J110M90 |
| RNM | SBAN32 | HENER V186 DARTS V597 OCN V208 JLI | PQ90 |
| RNM (LAXE) | SBAN33 | KWANG CMA VNY V186 ROBNN V208 JLI | PQ70 |
| RNM | SBAN34 | KWANG VTU V208 JLI | J110M90 |
| OXR CMA NTD..... | SBAN35 | KWANG CMA | JMPQ30 |
| PSP UDD TRM..... | SBAN36 | FIM V186 ITSME V264 POM V197 PDZ V186 NIKKL V64 TRM PSP | PQ110 |

SANTA BARBARA AREA

FROM: SBP SMX VBG LPC IZA

| TO: | ROUTE ID | ROUTE | ALTITUDE |
|--------------------------------------|----------|---|-----------|
| BUR VNY WHP..... | SBAN37 | RZS V186 FIM..... | PQ70 |
| BUR VNY | SBAN38 | RZS V386 FIM..... | J110M90 |
| AVX | SBAN39 | RZS VTU V208 SXC | JMPQ70 |
| FUL LGB SLI TOA | SBAN40 | RZS V186 ADAMM V394 SLI..... | PQ70 |
| SNA..... | SBAN41 | RZS V186 BAYJY V363 POXKU V8 SLI | PQ70 |
| HHR | SBAN42 | RZS VTU V299 SADDE V107 SMO SMO125R POPPR V23 SLI | MPQ70 |
| FUL LGB SLI TOA SNA HHR | SBAN43 | RZS VTU V208 SXC SLI | J110M90 |
| HHR (LAXE) | SBAN44 | RZS V186 ELMOO | MPQ70 |
| LAX | SBAN45 | RZS VTU SADDE STAR..... | JM110PQ70 |
| LAX (LAXE)..... | SBAN46 | RZS VTU V25 EXERT | JM70PQ50 |
| SMO | SBAN47 | RZS V186 DARTS | PQ70 |
| SMO | SBAN48 | RZS V386 FIM V186 DARTS..... | J110M90 |
| CCB | SBAN49 | RZS V186 ITSME V264 POM | PQ70 |
| CCB | SBAN50 | RZS V386 FIM V186 ITSME V264 POM ... | J110M90 |
| CNO EMT REI L65 AJO POC ONT RAL RIR | | | |
| RIV SBD..... | SBAN51 | RZS V186 PDZ..... | PQ70 |
| CNO EMT REI L65 AJO POC ONT RAL RIR | | | |
| RIV SBD..... | SBAN52 | RZS V386 FIM V186 ITSME V264 POM V197 PDZ..... | J110M90 |
| HMT | SBAN53 | RZS V186 PDZ V186 WESIN | PQ70 |
| HMT | SBAN54 | RZS V386 FIM V186 ITSME V264 POM V197 PDZ V186 WESIN..... | J110M90 |
| F70 | SBAN57 | RZS V186 PDZ V186 NIKKL..... | PQ70 |
| F70 | SBAN58 | RZS V386 FIM V186 ITSME V264 POM V197 PDZ V186 NIKKL | J110M90 |
| CRQ NFG NKX OKB..... | SBAN59 | RZS V597 OCN..... | PQ90 |
| CRQ NFG NKX OKB (LAXE) | SBAN60 | RZS V186 ROBNN V458 OCN | PQ70 |
| CRQ NFG NKX OKB..... | SBAN61 | RZS VTU V208 SXC V208 OCN..... | J110M90 |
| MYF NRS NZY SAN SDM SEE..... | SBAN62 | RZS V597 MZB | PQ90 |
| MYF NRS NZY SAN SDM SEE (LAXE) | SBAN63 | RZS V186 HAILE V66 MZB | PQ70 |
| MYF NRS NZY SAN SDM SEE..... | SBAN64 | RZS VTU V208 SXC V208 LAX118R CARDI MZB320R MZB | J110M90 |
| SAN (SANE)..... | SBAN65 | RZS V186 VNY V186 BAYJY V363 DANAH V165 SARGs..... | PQ70 |

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|-------------------|--------|---|---------|
| SAN (SANE)..... | SBAN66 | RZS VTU V208 SXC V27 REDIN V165 SARGS | J110M90 |
| RNM | SBAN67 | RZS V597 OCN V208 JLI..... | PQ90 |
| RNM (LAXE) | SBAN68 | RZS V186 ROBNN V208 JLI | PQ70 |
| RNM | SBAN69 | RZS VTU V208 JLI | J110M90 |
| OXR CMA NTD..... | SBAN70 | RZS VTU | JMPQ70 |
| PSP UDD TRM | SBAN71 | RZS V386 FIM V186 ITSME V264 POM V197 PDZ V186 NIKKL V64 TRM PSP | PQ110 |

PALM SPRINGS AREA

FROM: PSP UDD TRM

| TO: | ROUTE ID | ROUTE | ALTITUDE |
|-----------------------------------|----------|---|------------|
| BUR VNY WHP | PSPN1 | V388 PDZ V186 VNY | PQ100 |
| BUR VNY WHP | PSPN2 | V388 DEWAY POM VNY | JM120 |
| AJO CNO RAL RIR ONT RIV SBD | PSPN3 | V388 PDZ | JM120PQ100 |
| HMT | PSPN4 | V388 PDZ V186 WESIN | JM120PQ100 |
| EMT POC CCB..... | PSPN5 | V388 PDZ PDZ270R V363 POM | JM120PQ100 |
| F70..... | PSPN7 | V388 PDZ V186 NIKKL | JM120PQ100 |
| FUL LGB SLI TOA | PSPN8A | PSP V388 PDZ PDZ270/13 V394 SLI | PQ100 |
| FUL LGB SLI TOA SNA..... | PSPN8B | PSP V388 DEWAY FRETS KAYOH STAR ... | JM120 |
| HHR..... | PSPN9 | V388 PDZ PDZ270R HHR RY25 LOC | JM120PQ100 |
| LAX | PSPN10A | V388 PDZ LAHAB | JM120PQ100 |
| LAX..... | PSPN10B | V388 LENHO SEAVU SEAVU ARRIVAL..... | J120 |
| LAX (LAXE) | PSPN11 | V388 PDZ PDZ270R V394 SLI V8 TANDY | PQ100 |
| LAX (LAXE) | PSPN12 | V388 ACINS V283 SLI V8 TANDY..... | JM120 |
| SMO..... | PSPN13A | PSP V388 PDZ V186 DARTS | PQ100 |
| SMO..... | PSPN13B | PSP V388 DEWAY POM DARTS..... | JM120 |
| CMA OXR NTD | PSPN14 | V388 PDZ V186 FIM..... | PQ100 |
| CMA OXR NTD | PSPN15 | PSP V388 DEWAY POM VNY V186 FIM ... | JM120 |
| SBA | PSPN16 | V388 PDZ V186 DEANO V27 KWANG | PQ100 |
| SBA | PSPN17 | PSP V388 DEWAY POM VNY V186 DEANO V27 KWANG..... | JM120 |
| SNA | PSPN18 | PSP V388 PDZ PDZ270/13 V363 POXKU V8 SLI | PQ100 |

PALMDALE AREA

FROM: EDW LOO MHV PMD WJF

| TO:HHR) | ROUTE ID | ROUTE | ALTITUDE |
|---------------------------------|----------|---|----------|
| HHR..... | EDWN1 | PMD V518 KIMMO V459 DARTS V186 ADAMM V394 HHR RY25 LOC | JMPQ80 |
| FUL LGB SLI SNA TOA..... | EDWN2 | PMD V201 BERRI V459 SLI..... | JMPQ90 |
| FUL LGB SLI SNA TOA (LAXE)..... | EDWN3 | PMD V386 V23 LAX V25 ALBAS SLI..... | MPQ80 |
| BUR VNY..... | EDWN4 | PMD PMD240 LYNXX VNY329 VNY..... | JMPQ80 |
| SMO..... | EDWN5 | PMD V518 KIMMO V459 DARTS..... | JMPQ80 |
| CMA OXR NTD | EDWN6 | PMD V386 FIM | JMPQ80 |

RNAV Routing Pitch and Catch Points

The purpose of this section of the Special High Altitude Routes is to present user routing options for flight within the initial HAR Phase I expansion airspace. Users are able to fly user-preferred routes, referred to as non-restrictive routing (NRR), between specific fixes described by **pitch** (entry into) and **catch** (exit out of) fixes in the HAR airspace. Pitch points indicate an end of departure procedures, preferred IFR routings, or other established routing programs where a flight can begin a segment of NRR. The catch point indicates where a flight ends a segment of NRR and joins published arrival procedures, preferred IFR routing, or other established routing programs.

The HAR Phase I expansion airspace is defined as that airspace at and above FL 350 in fourteen of the western and southern Air Route Traffic Control Centers (ARTCCs). The airspace includes Minneapolis (ZMP), Chicago (ZAU), Kansas City (ZKC), Denver (ZDV), Salt Lake City (ZLC), Oakland (ZOA), Seattle Centers (ZSE), Los Angeles (ZLA), Albuquerque (ZAB), Fort Worth (ZFW), Memphis (ZME), and Houston (ZHU). Jacksonville (ZJX) and Miami (ZMA) are included for east-west routes only.

To develop a flight plan, select pitch and catch points based upon your desired route across the Phase I airspace. Filing requirements to pitch points, and from catch points, remain unchanged from current procedures. For the portion of the route between the pitch and catch points, non-restrictive routing is permitted.

Where pitch points for a specific airport are not identified, aircraft should file an appropriate departure procedure (DP), or any other user preferred routing prior to the NRR portion of their routing. Where catch points for a specific airport are not identified aircraft should file, after the NRR portion of their routing, an appropriate arrival procedure or other user preferred routing to their destination.

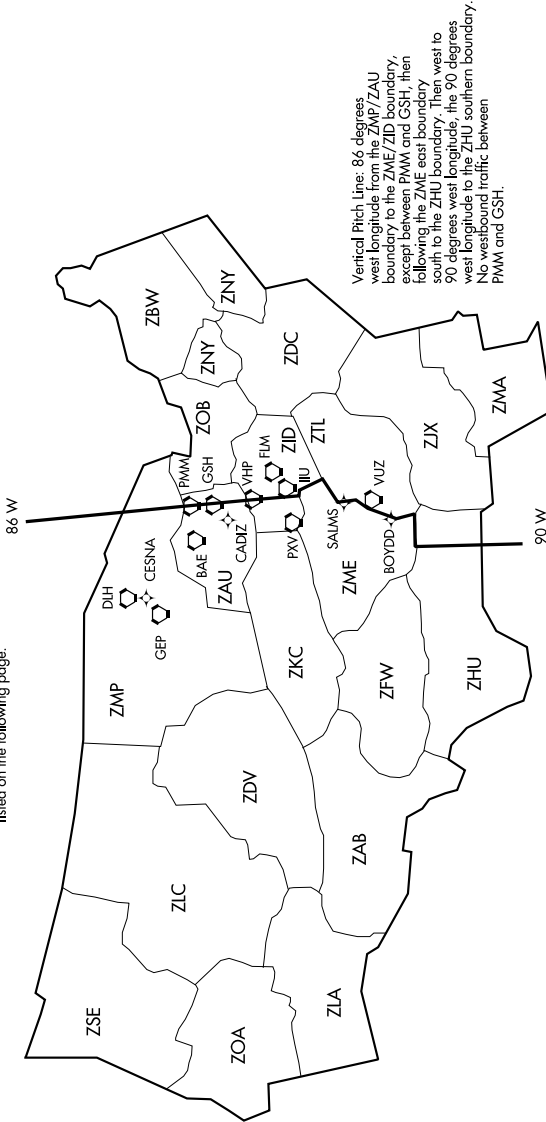
Additionally, information concerning the location and schedule of Special Use Airspace (SUA) and Air Traffic Control Assigned Airspace (ATCAA) can be found on the Web Site: <http://sua.faa.gov/sua/Welcom.do>. ATCAA refers to airspace in the high altitude structure supporting military and other special operations. Users are encouraged to file around these areas when they are scheduled to be active, thereby avoiding unplanned reroutes around them.

In conjunction with the HAR program RNAV routes have been established to provide for a systematic flow of air traffic in specific portions of the enroute flight environment. The designator for these RNAV routes begin with the letter Q, for example, Q-501. Where those routes aid in the efficient orderly management of air traffic they will be published as preferred IFR routes.

HIGH ALTITUDE REDESIGN (HAR) PHASE 1 RNAV ROUTING

High Altitude Redesign (HAR) Phase One Expansion Airspace

Except as noted, flights entering HAR expansion airspace may pitch at the airspace boundary, at the vertical pitch line, or at the fixes listed on the following page.



Vertical Pitch Line: 86 degrees west longitude from the ZMP/ZAU boundary to the ZME/ZID boundary, except between PMM and GSH, then following the ZME east boundary south to the ZHU boundary. Then west to 90 degrees west longitude, the 90 degrees west longitude to the ZHU southern boundary. No westbound traffic between PMM and GSH.

HIGH ALTITUDE REDESIGN (HAR) PHASE 1 RNAV ROUTING**HAR Special High Altitude Pitch (entry) Points for Nonrestrictive Routing for Airports Located Outside HAR Phase I Expansion Airspace**

Westbound traffic originating outside of HAR airspace entering ZMP, ZAU, ZKC and ZME can begin non-restrictive routing over any of the following pitch points (listed from north to south):

DLH, CESNA, GEP, BAE, MKG, GRR, PMM, GSH, CADIZ, FWA, VHP, FLM, IIU, PXV, SGF, RZC, BNA, SALMS, VUZ, BOYDD, MIE.

Traffic originating outside of HAR airspace may also begin Nonrestrictive Routing upon crossing the pitch line depicted on the associated graphic.

HAR Special High Altitude Pitch Points for Airports Located Within (below) HAR Phase I Expansion Airspace

This section lists pitch points for airports within the HAR Phase I expansion airspace.

| | |
|---|--|
| Albuquerque | ABQ, GUP, HANOS or ZUN |
| Austin | ABI, FUZ, JCT, MQP, NAVYS, SJT or TNV |
| Boca Raton, FL | TBIRD KPASA Q118 LENIE or TBIRD KPASA Q116 CEEYA or TBIRD KPASA Q110 FEONA or TBIRD SMELZ Q106 BULZI or TBIRD SMELZ Q106 GADAY |
| Burbank includes Santa Monica and Van Nuys | GMN, MARKS or DAG LAS or HEC EED or PMD BLH |
| Chicago Terminal Area | IOW, PLL275065, MZV or BAE |
| Dallas-Fort Worth Terminal Area | ABI, LBB, GTH, CDS, MRMAC, IRW, TUL, MLC, TXK ELD, SWB or Aircraft destined the Chicago terminal area Except MDW EAKER MIDEE BDF BRADFORD-STAR or MLC J105 SGF BDF BRADFORD-STAR |
| Fort Lauderdale (or) Fort Lauderdale Executive | THNDR KPASA Q118 LENIE or THNDR KPASA Q116 CEEYA or THNDR KPASA Q110 FEONA or THNDR SMELZ Q106 GADAY or THNDR SMELZ Q106 BULZI |
| Houston Bush | LIT, ELD, MLC, JCT or Aircraft destined Atlanta Terminal Area LCH Q24 PAYTN HONIE-RNAV STAR or Aircraft joining J37 to the northeast, GUSTI SID GUSTI Q22 CATLN or Aircraft joining J42 to the northeast, EL DORADO SID ELD Q32 J42 |
| Houston Hobby | LIT, ELD, MLC, JCT, or Aircraft joining J42 to the northeast, EL DORADO SID ELD Q32 J42 |
| Jacksonville, FL | TAY |
| Kansas City Terminal Area | TIFTO, CATTS or KENTN |

| | |
|--------------------------------------|--|
| Los Angeles, includes Ontario | GMN, RZS or DAG LAS or TRM EED or TRM PKE |
| Las Vegas | DOBNE, MOSBI, NICLE, TRALR or ZELOT |
| Long Beach includes Orange County | GMN SNS, EHF, LANDO or TRM PKE or TRM EED |
| Memphis | BNA, HAAWK, SALMS or SQS |
| Miami Terminal Area | WINCO KPASA Q118 LENIE or WINCO KPASA Q116 CEEYA or WINCO KPASA Q110 FEONA or WINCO SMELZ Q106 GADAY or WINCO SMELZ Q106 BULZI |
| Milwaukee | GREAS |
| Minneapolis Terminal Area* | ONL, ABR, FAR, OBH, OVR, FOD |
| New Orleans Terminal Area | AEX, MEI, SQS, KAPLN |
| Orlando Terminal Area | WEBBS BRUTS Q118 LENIE or WEBBS GULFR Q116 CEEYA or WEBBS BULZI Q106 GADAY or WEBBS FEONA or WEBBS BULZI |
| Palm Beach, FL | TBIRD KPASA Q118 LENIE or TBIRD KPASA Q116 CEEYA or TBIRD KPASA Q110 FEONA or TBIRD SMELZ Q106 BULZI or TBIRD SMELZ Q106 GADAY |
| Palm Springs | TRM JOTNU BLD or TRM EED or TRM PKE |
| Phoenix | CHILY, CIE, CULTS, RSK, DOVEE, GCN, MESSI, SJN, DRYHT or MOHAK |
| Portland, OR | PDT, TIMEE |
| Salt Lake City | HVE, DTA, MLF, BCE, OAL, MTU, BVL, OCS, TWF, DBS, BPI or TCH J56 CHE or TCH J173 EKR |
| Saint Louis | VIH, MAP, MYERZ, MCM or HLV MCI |

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|---|--|
| San Antonio Terminal Area | FUZ, SJT, MQP, ABI or Aircraft North of LFK, LFK or Aircraft South of HUB, ELA or Aircraft South of LFK and North of HUB LCH |
| San Diego | TRM EED or TRM PKE or TRM JOTNU BLD |
| San Francisco Bay Area Oakland San Jose | GALLI, INSLO, HAROL JSICA GALLI, INSLO, HAROL JSICA GALLI or INSLO |
| Seattle | BLUIT |
| Southwest Florida Airports (RSW/FMY) | JOCKS KPASA Q118 LENIE or JOCKS KPASA Q116 CEEYA or JOCKS KPASA Q110 FEONA or JOCKS SMELZ Q106 GADAY or JOCKS SMELZ Q106 BULZI |
| Tampa Terminal Area | FEONA, BULZI or BRUTS Q118 LENIE or GULFR Q116 CEEYA or BULZI Q106 GADAY |

*MSP area departures with destinations east of 93 degrees west longitude via preferred IFR routing.

Catch Points for Airports Located Outside HAR Phase I Expansion Airspace

This section lists exit points for aircraft destined to specific destinations which are outside the HAR Phase I airspace.

| | |
|-----------------------------|---|
| Atlanta Terminal Area | Aircraft through ZME airspace from ZKC airspace east of FAM, Pless Q19 BNA or Aircraft through ZME airspace from ZKC airspace west of FAM, ARG Q26 DEVAC or MEM or Aircraft through ZME airspace from ZID airspace west of a line from VHP to BWG, BNA or Aircraft through ZME airspace from ZID airspace east of a line from VHP to BWG, BWG or Aircraft through ZME airspace from ZFW airspace, MEM or MEI HONIE (RNAV)-STAR or PATYN HONIE (RNAV)-STAR |
| Baltimore-Washington* | GIJ, GEP, FLM, IIU, BAE, VHP, WHETT, BNA or VUZ |
| Boston* | GEP, CRL, ECK, IIU, BNA or VUZ |
| Buffalo* | GEP, CRL |
| Hartford Bradley* | GEP, CRL |
| Canton-Akron* | GIJ, VHP, GEP |
| Charlotte | BNA, VUZ |
| Cincinnati Terminal Area | BNA, PXV or Aircraft north of SLC, JOT or Aircraft over or south of SLC, ENL or SLC or SFO departures, ENL, JOT |
| Cleveland Terminal Area* | OBK |
| Detroit Terminal Area | BAE MKG POLAR-STAR or VHP FWA MIZAR-STAR |
| Detroit Young | VHP FWA or LAN SPRTN-STAR |
| Indianapolis Terminal Area | BIB, SPI, JOT |
| Louisville | ENL, MEM |
| Newark* | GEP, VHP, FLM, IIU, BNA, VUZ or IOW GIJ J554 CRL J584 SLT FQM |
| New York Kennedy* | GEP, VHP, FLM, IIU, BNA, VUZ or DBQ J94 PMM J70 LVZ LENDY-STAR |
| New York LaGuardia* | GIJ, GEP, VHP, BAE, FLM, IIU, BNA, VUZ |
| Philadelphia Terminal Area* | GIJ, GEP, VHP, BAE, WHETT, BNA, VUZ |
| Pittsburgh Terminal Area* | VHP, GIJ, BAE, GEP |
| Pontiac | LFD, LAN, VHP, FWA, GEP |
| Providence | JHW, HEMDI, CESNA, GEP, GRB, TVC, ASP VHP, IIU, BNA, VUZ |
| Raleigh-Durham | FLM, IIU, BNA, VUZ |
| Toronto Terminal Area | ECK, SVM, SSM, GEP |

Teterboro* GEP, VHP, CRL, BNA, VUZ

Washington Dulles/National* GIJ, GEP, FLM, IIU, BAE, VHP, WHETT, BNA, VUZ

White Plains* GEP, VHP, CRL, FLM, IIU, BNA, VUZ

Willow Run* LAN, LFD, VHP, FWA, GEP

*Eastbound aircraft over flying ZMP center airspace entering Toronto center airspace, file direct SSM or via J63, J522, Q505, Q504, Q502, Q501

or

Entering ZAU or ZOB airspace from north of DPR J16 MCW, GEP

or

Entering ZAU or ZOB airspace from or south of DPR J16 MCW, CRL.

Catch Points for Airports Located Within (below) HAR Phase I Expansion Airspace

This section lists exit points for aircraft destined to airports which are below HAR Phase I airspace.

| | |
|---|--|
| Albuquerque Terminal Area | CURLY CURLY-STAR or ESPAN FRIHO-STAR or LAVAN LAVAN-STAR or FTI FRIHO-STAR or MIERA MIERA-STAR |
| Austin Terminal Area | Aircraft west of a north-south line at LFK, BLEWE or Aircraft east of a north-south line at LFK, IDU or LLO |
| Boca Raton, FL | CEW DEFUN Q112 INPIN SHDAY (RNAV)-STAR Aircraft through ZHU remain south of ZME and ZTL airspace or DEFUN Q112 INPIN SHDAY (RNAV)-STAR Aircraft through ZHU remain south of ZME and ZTL airspace or SZW INPIN SHDAY (RNAV)-STAR |
| Chicago Midway | CVA MOTIF-STAR or PIA MOTIF-STAR or DBQ CVA MOTIF-STAR or LMN MOTIF-STAR |
| Chicago O'Hare Terminal Area | GEP DLL MSN JVL JANESVILLE-STAR or TVC PULLMAN-STAR or FOD DBQ JVL JANESVILLE-STAR or MCW JANESVILLE-STAR or GCK IRK BRADFORD-STAR |
| Dallas-Fort Worth Terminal Area | IRW, LOSZY, FSM, LIT, SQS, MLU, AEX, JUMBO, TQA, TURKI, HEATR Aircraft through ZME airspace from north and west of PXV, RZC, Q23 FSM or Aircraft through ZME airspace from east of PXV, PXV Q25 MEEOW or Aircraft through ZME airspace from J6 down to, but not including J52, LIT, SQS or Aircraft through ZME airspace from J52 and south of J52, SQS |
| Ft Lauderdale or Ft Lauderdale Executive | CEW DEFUN Q104 PIE SWAGS (RNAV)-STAR Aircraft through ZHU airspace remain south ZME and ZTL airspace or SZW HEVVN Q104 PIE SWAGS (RNAV)-STAR |
| Houston Bush | CRP, CVE, LLO, LUKIY, SAT or Aircraft south and east of LLA, JEPEG or MISLE Q40 AEX or Aircraft north and east of SJI, SJI or Aircraft east of PXV, PXV Q31 DHART SWB or Aircraft north and west of PXV, PROWL Q33 DHART SWB |

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|---------------------------|--|
| Houston Hobby | CRP, ELLVR, SAT, SWB or Aircraft south and east of GIRLY, KCEEE or Aircraft north and east of SJI, SJI or BESOM Q38 ROKIT ROKIT-STAR or Aircraft east of PXV, PXV Q29 HARES SWB or Aircraft north and west of PXV, PROWL Q33 DHART SWB |
| Jacksonville | GADAY ZOOSS TAY Aircraft through ZHU airspace remain south of ZME and ZTL airspace or ZOOSS TAY |
| John Wayne-Orange County | HEC, PGS, BLD or Aircraft south of TBC from ZAB airspace, HIPPI |
| Kansas City Terminal Area | LMN BRAYMER-STAR or PWE ROBINSON-STAR or EMP JHAWK-STAR |
| Las Vegas | DILCO, LIDAT, IGM or Aircraft over PGA or north of PGA KSINO or Aircraft south of PGA, PGS, LYNSY |
| Los Angeles Terminal Area | Aircraft North of TBC, HEC, PGS or Aircraft South of TBC from ZAB airspace, HIPPI, MESSI |
| Miami Terminal Area | CEW DEFUN Q104 CYY DEEDS (RNAV)-STAR Aircraft through ZHU airspace remain south ZME and ZTL airspace or SZW HEVFN Q104 CYY DEEDS (RNAV)-STAR |
| Minneapolis Terminal Area | Aircraft from north, west, south, FAR GOPHER-STAR or RWF SKETR-STAR or ALO KASPR-STAR or BRD GOPHER-STAR or BAE EAU CLAIRE-STAR or FOD TWOLF-STAR |
| Memphis Terminal Area | ARG, BWG, FSM, PXV, LIT, RZC, SQS, VUZ, BNA, GQO, ELD |
| Naples, FL | CEW DEFUN Q104 PLYER PIKKR (RNAV)-STAR Aircraft through ZHU AIRSPACE remain south of ZME and ZTL airspace or SZW HEVFN Q104 PLYER PIKKR (RNAV)-STAR |
| Nashville | CCT, GHM, GUITR, TINGS, VOLLS |
| New Orleans Terminal Area | BLUEZ, GPT, LCH, MCB, TBD, FATSO |

| | |
|----------------------------|---|
| Oakland | ILA or KATTS PAMMY or Aircraft over or south of a line ILC J16 DVC REANA KATTS PAMMY or Aircraft from north of ILC, JOPER PAMMY or KATTS PAMMY or Aircraft over or south of ILC, REANA KATTS PAMMY |
| Orlando Terminal Area | GADAY Q108 CLAWZ LEESE-STAR Aircraft through ZHU airspace remain south of ZME/ZTL airspace or OTK LEESE-STAR |
| Palm Beach, FL | CEW DEFUN Q112 INPIN GULLO (RNAV)-STAR Aircraft through ZHU airspace remain south of ZME and ZTL airspace or SZW INPIN GULLO (RNAV)-STAR |
| Phoenix | CORKR DRK or Aircraft from ZDV airspace, GUP or Aircraft from ZAB airspace, ZUN, MOHAK, SSO or VYLLA TUS |
| Phoenix Satellites | FLG, SSO, MOHAK or VYLLA, TUS |
| Portland, OR Terminal Area | JKNOX HHOOD-STAR or JOTBA HHOOD-STAR or SOERN TMBRS-STAR or GALLO TMBRS-STAR or MACHU TMBRS-STAR or SPNSR TMBRS-STAR or MOXEE MOXEE-STAR |
| St. Louis Terminal Area | SGF TRAKE-STAR or BUM TRAKE-STAR or ANX TRAKE-STAR or LMN IRK RIVRS-STAR or RBS VANDALIA-STAR |









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|---|---|
| Salt Lake City Terminal Area | JNC J12 HELPR SPANE-STAR or EKR MTU SPANE-STAR or BCE DTA-TCH or MLF DTA-TCH or BVL BONNEVILLE-STAR or BYI BEARR-STAR or PIH BEARR-STAR or DBS BRIGHAM CITY-STAR or JAC BRIGHAM CITY-STAR or BPI BRIGHAM CITY-STAR or OCS BRIGHAM CITY-STAR |
| San Diego Terminal Area | EED, LAX, GBN |
| Santa Ana | HEC, PGS, BLD, HIPPI |
| San Antonio Terminal Area | IDU, CSI, JCT, LLO, CRP, LRD or West of a north-south line at LFK, BLEWE or East of a north-south line at LFK, IDU |
| San Francisco | FMG GOLDEN GATE-STAR or MVA MODESTO-STAR or ENI GOLDEN GATE-STAR or OAL MODESTO-STAR or South of a line ILC to DVC, REANA KATTS OAL MODESTO-STAR |
| San Jose | FMG HYP EL NIDO-STAR or OAL HYP EL NIDO-STAR or ENI GOLDEN GATE-STAR or South of a line ILC to DVC, REANA KATTS KICHI CANDA EL NIDO-STAR |
| Seattle Terminal Area | Aircraft from northeast, southeast, south, TEMPL GLASR-STAR or SUNED CHINS-STAR or BTG HAWKZ-STAR |
| Southwest Florida Airports RSW and FMY | CEW DEFUN Q104 SWABE JOSFF-STAR Aircraft through ZHU airspace remain south of ZME and ZTL airspace or SZW HEVVN Q104 SWABE JOSFF-STAR |
| Tampa Terminal Area | CEW DEFUN Q104 HEVVN DARBS-STAR Aircraft through ZHU airspace remain south of ZME and ZTL airspace or SZW DARBS-STAR |
| Tucson | DRK PXR or MOHAK GBN |

In support of the Federal Aviation Administration's Runway Incursion Program, selected towered airport diagrams have been published in the Airport Diagram section of the Chart Supplement. Diagrams will be listed alphabetically by associated city and airport name. Airport diagrams, depicting runway and taxiway configurations, will assist both VFR and IFR pilots in ground taxi operations. The airport diagrams in this publication are the same as those published in the U.S. Terminal Procedures Publications. For additional airport diagram legend information see the U.S. Terminal Procedures Publication.

NOTE: Some text data published under the individual airport in the front portion of the Chart Supplement may be more current than the data published on the Airport Diagrams. The airport diagrams are updated only when significant changes occur.

PILOT CONTROLLED AIRPORT LIGHTING SYSTEMS

Available pilot controlled lighting (PCL) systems are indicated as follows:

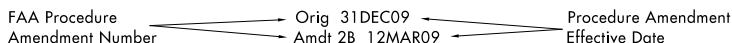
1. Approach lighting systems that bear a system identification are symbolized using negative symbology, e.g., , , 
 2. Approach lighting systems that do not bear a system identification are indicated with a negative "0" beside the name.
- A star (*) indicates non-standard PCL, consult Chart Supplement, e.g., *
- To activate lights, use frequency indicated in the communication section of the chart with a  or the appropriate lighting system identification e.g., UNICOM 122.8   

| <u>KEY MIKE</u> | <u>FUNCTION</u> |
|--------------------------|---|
| 7 times within 5 seconds | Highest intensity available |
| 5 times within 5 seconds | Medium or lower intensity (Lower REIL or REIL-off) |
| 3 times within 5 seconds | Lowest intensity available (Lower REIL or REIL-off) |

CHART CURRENCY INFORMATION

Date of Latest Revision 09365

The Date of Latest Revision identifies the Julian date the chart was added or last revised for any reason. The first two digits indicate the year, the last three digits indicate the day of the year (001 to 365/6) in which the latest revision of any kind has been made to the chart.



The FAA Procedure Amendment Number represents the most current amendment of a given procedure. The Procedure Amendment Effective Date represents the AIRAC cycle date on which the procedure amendment was incorporated into the chart. Updates to the amendment number & effective date represent procedural/criteria revisions to the charted procedure, e.g., course, fix, altitude, minima, etc.

NOTE: Inclusion of the "Procedure Amendment Effective Date" will be phased in as procedures are amended. As this occurs, the Julian date will be relocated to the upper right corner of the chart.

MISCELLANEOUS

- ★ Indicates a non-continuously operating facility, see Chart Supplement.
- For Civil (FAA) instrument procedures, "RADAR REQUIRED" in the planview of the chart indicates that ATC radar must be available to assist the pilot when transitioning from the en route environment. "Radar required" in the pilot briefing portion of the chart indicates that ATC radar is required on portions of the procedure outside the final approach segment, including the missed approach. Some military procedures also have equipment requirements such as "Radar Required", but do not conform to the same charting application standards used by the FAA. Distances in nautical miles (except visibility in statute miles and Runway Visual Range in hundreds of feet). Runway Dimensions in feet. Elevations in feet. Mean Sea Level (MSL). Ceilings in feet above airport elevation. Radials/ bearings/headings/courses are magnetic. Horizontal Datum: Unless otherwise noted on the chart, all coordinates are referenced to North American Datum 1983 (NAD 83), which for charting purposes is considered equivalent to World Geodetic System 1984 (WGS 84).

Terrain is scaled within the neat lines (planview boundaries) and does not accurately underlie not-to-scale distance depictions or symbols.

18032

LEGEND

INSTRUMENT APPROACH PROCEDURES (CHARTS)

AIRPORT DIAGRAM/AIRPORT SKETCH

Runways

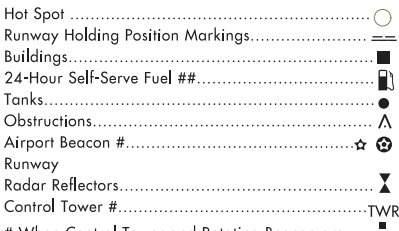


ARRESTING GEAR: Specific arresting gear systems; e.g., BAK12, MA-1A etc., shown on airport diagrams, not applicable to Civil Pilots. Military Pilots refer to appropriate DOD publications.



ARRESTING SYSTEM (EMAS)

REFERENCE FEATURES



When Control Tower and Rotating Beacon are co-located, Beacon symbol will be used and further identified as TWR.

A fuel symbol is shown to indicate 24-hour self-serve fuel available, see appropriate Chart Supplement for information.

Runway length depicted is the physical length of the runway (end-to-end, including displaced thresholds if any) but excluding areas designated as stopways.

A **D** symbol is shown to indicate runway declared distance information available, see appropriate Chart Supplement for distance information.

Runway Weight Bearing Capacity/or PCN Pavement Classification Number is shown as a codified expression.

Refer to the appropriate Supplement/Directory for applicable codes e.g., RWY 14-32 PCN 80 F/D/X/U S-75, D-185, 2S-175, 2D-325

Helicopter Alighting Areas

Negative Symbols used to identify Copter Procedures landing point.....

Runway Threshold elevation.....THRE 123
Runway TDZ elevation.....TDZE 123

Runway Slope.....0.3% DOWN
.....0.8% UP

NOTE:

Runway Slope measured to midpoint on runways 8000 feet or longer.

U.S. Navy Optical Landing System (OLS) "OLS" location is shown because of its height of approximately 7 feet and proximity to edge of runway may create an obstruction for some types of aircraft.

Approach light symbols are shown in the Flight Information Handbook.

Airport diagram scales are variable.

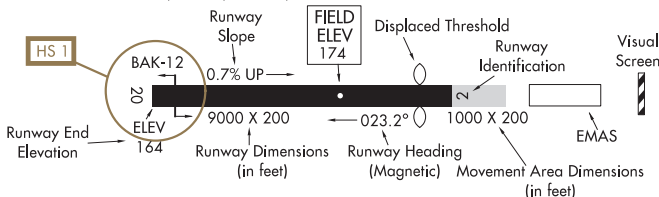
True/magnetic North orientation may vary from diagram to diagram

Coordinate values are shown in 1 or 1/2 minute increments. They are further broken down into 6 second ticks, within each 1 minute increments.

Positional accuracy within ±600 feet unless otherwise noted on the chart.

NOTE:

All new and revised airport diagrams are shown referenced to the World Geodetic System (WGS) (noted on appropriate diagram), and may not be compatible with local coordinates published in FLP. (Foreign Only)



SCOPE

Airport diagrams are specifically designed to assist in the movement of ground traffic at locations with complex runway/taxiway configurations. Airport diagrams are not intended to be used for approach and landing or departure operations. For revisions to Airport Diagrams: Consult FAA Order 7910.4.

LEGEND

HOT SPOTS

An "Airport surface hot spot" is a location on an aerodrome movement area with a history or potential risk of collision or runway incursion, and where heightened attention by pilots/drivers is necessary.

A "hot spot" is a runway safety related problem area on an airport that presents increased risk during surface operations. Typically it is a complex or confusing taxiway/taxiway or taxiway/runway intersection. The area of increased risk has either a history of or potential for runway incursions or surface incidents, due to a variety of causes, such as but not limited to: airport layout, traffic flow, airport marking, signage and lighting, situational awareness, and training. Hot spots are depicted on airport diagrams as open circles or polygons designated as "HS 1", "HS 2", etc. and tabulated in the list below with a brief description of each hot spot. Hot spots will remain charted on airport diagrams until such time the increased risk has been reduced or eliminated.

| CITY/AIRPORT | HOT SPOT | DESCRIPTION |
|--|----------|---|
| ARIZONA | | |
| CHANDLER CHANDLER MUNI (CHD) | HS 1 | Rwy 22R may be used as an alternate taxi route due to run-up area and twy congestion. |
| GLENDALE GLENDALE MUNI (GEU) | HS 1 | Eastbound tfc from ramp must remain alert so as not to cross Twy A and enter rwy environment. Acft exiting rwy at Twy A4, Twy A5 and Twy A6 must remain alert for acft on Twy A. |
| GRAND CANYON GRAND CANYON NATIONAL PARK (GCN) | HS 1 | Pilots sometimes confuse Twy A and Twy B at the Rwy 21 end because of the close proximity. Verify correct taxi route. |
| MESA FALCON FLD (FFZ) | HS 1 | Complex intersection. Acft approaching Rwy 04R from the ramp and destined for Rwy 04R or Rwy 22L sometimes miss the turn into Twy D and enter onto Rwy 04R at Twy A. |
| PHOENIX PHOENIX DEER VALLEY (DVT) | HS 1 | Pilots sometimes cross Rwy 07R-25L at Twy B5 without ATC clearance. |
| | HS 2 | Pilots sometimes cross Rwy 07R-25L at Twy B9 without ATC clearance. |
| PHOENIX PHOENIX SKY HARBOR INTL (PHX) | HS 1 | Rwy 07L and Rwy 07R departures sometimes misidentify Twy F for Rwy 07L or Rwy 07R. |
| | HS 2 | Pilots sometimes cross Rwy 07L/25R at Twy F8, Twy F9, or Twy F10 without authorization. |
| | HS 3 | Acft taxiing from southern ramps have turned onto Rwy 25L when given instructions to cross Rwy 25L at Twy H3. |
| PHOENIX PHOENIX-MESA GATEWAY (IWA) | HS 1 | Twy V, Twy B, and Twy K complex intersection. |
| | HS 2 | Pilots sometimes become confused at the junction of Twy B, Twy G and Twy Y. |
| PRESCOTT ERNEST A LOVE FLD (PRC) | HS 1 | Run up area at Twy F1 not visible from the twr. |
| | HS 2 | Complex intersection. Risk of entering Rwy 03R-21L from Twy C2. Twy E and Twy C2 holding position markings at edge of Twy C. Acft on Twy C or C2 cannot turn onto Twy E without crossing the hold line. |
| | HS 3 | Twy A1, Twy B4, Twy B5 and Rwy 03L confusing intersection in close proximity to Rwy 03L. Twy A1 crosses apch end Rwy 03L. Pilots taxiing to/from hangars via Twy B4 sometime mistakenly taxi on Twy A1 or B5. |
| | HS 4 | Twy C4, Twy D4 and Rwy 03R-21L intersection, frequent rwy crossings. |

| CITY/AIRPORT | HOT SPOT | DESCRIPTION |
|---|--------------------------------------|--|
| TUCSON RYAN FLD (RYN) | HS 1 | Air tfc often taxies acft via Twy B and onto Rwy 33 for departure on Rwy 06R. Use caution not to enter Rwy 06R without ATC authorization. |
| TUCSON TUCSON INTL (TUS) | HS 1 HS 2 | Rwy 29R sometimes mistaken for Rwy 29L. Pilots instructed to hold short of Rwy 11L–29R or Rwy 11R–29L sometimes cross the apch area of these rwys without authorization. |
| CALIFORNIA | | |
| ATWATER CASTLE (MER) | HS 1 HS 2 | Complex area. Verify correct taxi route. Areas south of Twy A and Twy G are private ramp. Tfc congestion due to large volume of acft proceeding to and from Rwy 31. |
| BURBANK BOB HOPE (BUR) | HS 1 | Pilots assigned Rwy 33 from trml ramp sometimes cross rwy holding posn markings and enter Rwy 33 wo authorization. |
| CARLSBAD MC CLELLAN–PALOMAR (CRQ) | HS 1 HS 2 | ATC has difficulty seeing small acft taxiing eastbound on Twy A, when "Large Jets" are parked on the ramps. Pilots exiting Rwy 24 sometimes turn onto Twy A3 when instructed to exit at Twy A4. |
| CHINO CHINO (CNO) | HS 1 HS 2 HS 3 HS 4 | Pilots taxiing south on Twy D, sometimes fail to turn on to Twy A and proceed onto Rwy 08L–26R by mistake. Pilots taxiing west on Twy L, sometimes turn onto Rwy 03–21 by mistake. Pilots taxiing south on Twy K sometimes fail to turn onto Twy A and proceed onto Rwy 08L–28R by mistake. Complex int – after crossing Rwy 21 westbound on Twy L, pilots sometime confuse Twy D and Twy K and cross the 8L/26R rwy holding posn marking wo authorization. |
| CONCORD BUCHANAN FLD (CCR) | HS 1 HS 2 HS 3 | Pilots departing the Rwy 32L run-up area sometimes mistake Twy J for Rwy 32L. Complex intersection at Rwy 01R–19L, Twy J, Twy A, Twy C and Twy K. Pilots on Twy A sometimes fail to comply with hold short instructions for Rwy 32L apch area and/or fail to proceed completely through Rwy 32L apch area when instructed by ATC. |
| EL MONTE SAN GABRIEL VALLEY (EMT) | HS 1 HS 2 | Acft taxiing on Twy A on gnd freq be vigilant for tfc exiting the rwy at Twy C. Acft taxiing on Twy A on gnd freq be vigilant for tfc exiting the rwy at Twy D. |
| HAWTHORNE JACK NORTHROP FLD/HAWTHORNE MUNI (HHR) | HS 1 | Rwy 25 run-up area, do not depart the run-up area without ATC clearance. |
| HAYWARD HAYWARD EXECUTIVE (HWD) | HS 1 HS 2 HS 3 HS 4 HS 5 | Acft approaching Twy A from the ramp sometimes fail to turn onto Twy A, proceeding onto Twy E and ultimately Rwy 10L–28R. Acft exiting Rwy 10L–28R sometimes fail to ctc GND prior to taxiing to parking. Area not visible from ATCT. Area not visible from ATCT. Acft exiting Rwy 10L–28R sometimes fail to ctc GND prior to taxiing to parking. Area not visible from ATCT. Rwy 28L hold bars on Twy A1 are at a non-typical lctn. Pilots sometime pass the hold bar wo ATC authorization. |

| CITY/AIRPORT | HOT SPOT | DESCRIPTION |
|--|----------|---|
| LA VERNE BRACKETT FLD (POC) | HS 1 | Short distance between parallel Rwy 26R and Rwy 26L. Be aware of the rwy holding position markings for the parallel rwy and do not cross without authorization. |
| LANCASTER GENERAL WM J FOX AIRFIELD (WJF) | HS 1 | Pilots taxiing from ramp sometimes mistake Rwy 06-24 for Twy A. |
| LIVERMORE LIVERMORE MUNI (LVK) | HS 1 | Pilots instructed to hold short of Rwy 25R at Twy B sometimes fail to comply. Pilots sometimes land on Rwy 25R without clearance. |
| | HS 2 | Pilots instructed to hold short of Rwy 25L at Twy C sometimes fail to comply. |
| | HS 3 | Pilots instructed to hold short of Rwy 07L at Twy H sometimes fail to comply. |
| | HS 4 | Pilots instructed to hold short of Rwy 07R at Twy G sometimes fail to comply. |
| | HS 5 | Pilots instructed to hold short of Rwy 25R at Twy G sometimes fail to comply. |
| | HS 6 | Pilots may be confused at the intersections of Twy J, Twy A, and Twy G sometimes fail to comply with taxi instructions. |
| LONG BEACH LONG BEACH (DAUGHERTY FLD) (LGB) | HS 1 | Acft northbound on Twy B and instructed to hold short of Rwy 12-30 at Twy K sometimes miss the turn onto Twy K and proceed straight ahead onto Rwy 12-30 and Rwy 07L-25R. |
| | HS 2 | Acft southbound on Twy B anticipate reaching their destination parking ramp and fail to hold short of Rwy 07R-25L. |
| | HS 3 | Acft eastbound on Twy J and instructed to taxi to Rwy 25L at Twy D sometimes miss the turn onto Twy D and proceed onto Rwy 12-30 without authorization. |
| | HS 4 | Acft Idg Rwy 30, be aware that this rwy crosses every other rwy at the arpt. When exiting, pilots should ensure they fly a yellow "lead off" line onto a twy. |
| LOS ANGELES LOS ANGELES INTL (LAX) | HS 1 | Pilots sometimes fail to hold short of Rwy 24L when exiting Rwy 24R at Twy AA. |
| | HS 2 | Pilots sometimes fail to hold short of Rwy 24L when exiting Rwy 24R at Twy Z. |
| | HS 3 | Pilots sometimes cross Rwy 25L and Rwy 25R "Hold Bars" at Twy F, w/o authorization. |
| | HS 4 | Pilots sometimes fail to hold short of Twy M at Intermediate Holding Position Marking when taxiing westbound on Twy H. |
| | HS 5 | Acft exiting Rwy 25L onto Twy H6 sometimes mistakenly transition to Twy M. |
| MARYSVILLE BEALE AFB (BAB) | HS 1 | Twy B, high-speed U-2 mobile tfc when Rwy 15 in use. |
| | HS 2 | Twy E, high-speed U-2 mobile tfc when Rwy 33 in use. |
| | HS 3 | Twy F, in the vicinity of Twy C, Twy L, and Twy K. Frequent U-2 and high speed mobile tfc, slope of the twy limits visibility in both directions. |
| NAPA NAPA CO (APC) | HS 1 | Twy A, Twy C, Twy E, and the ramp. Complex intersection and high density tfc area. |
| | HS 2 | Rwy 24, Twy A. Acft and vehicles transiting to and from the hangers via Twy A sometimes cross Rwy 24 at Twy A without clearance. |
| | HS 3 | Rwy 24 and Rwy 36L Acft taxiing on Rwy 24, do not cross Rwy 36L without clearance. Acft taxiing on Rwy 36L, do not cross Rwy 24 without clearance. |

| CITY/AIRPORT | HOT SPOT | DESCRIPTION |
|---|----------|--|
| OAKLAND METROPOLITAN OAKLAND INTL (OAK) | HS 1 | Twy A and Twy B both cross Rwy 28R. Pilots sometimes mistake Twy A for Twy B, and vice versa. Verify correct taxi route. |
| | HS 2 | Acft departing the ramp sometimes miss their turn onto Twy C or Twy D, mistakenly proceeding onto Twy H or Twy G and ultimately Rwy 10L–28R. |
| | HS 3 | Complex intersection. Pilots sometimes taxi onto Rwy 10L or Rwy 33 by mistake. |
| ONTARIO ONTARIO INTL (ONT) | HS 1 | Southbound tfc crossing Rwy 08R/26L at Twy F sometime flw the incorrect cntrln and mistakenly turn onto Rwy 26L westbound, since Twy S is not easily seen from N of the Rwy. |
| | HS 2 | Southbound tfc crossing Rwy 08R/26L at Twy P or Twy Q sometime select the incorrect Twy cntrln and enter the wrong twy or enter Rwy 26L, since Twy S is not easily seen from N of the Rwy. |
| PALM SPRINGS PALM SPRINGS INTL (PSP) | HS 1 | Pilots sometimes mistake Twy C for Rwy 13R–31L or Rwy 13L–31R. |
| | HS 2 | Pilots instructed to taxi to Rwy 13R via Twy B and Twy C sometimes miss the turn onto Twy C and enters Rwy 31R–31L without authorization. |
| | HS 3 | Pilots approaching Rwy 31R on Twy B sometimes fail to hold short of Rwy 31R. |
| | HS 4 | Pilots exiting Rwy 31L at Twy J sometimes miss the turn onto Twy C and enter Rwy 13L without authorization. |
| RIVERSIDE RIVERSIDE MUNI (RAL) | HS 1 | Westbound tfc on Twy A to Twy B must remain alert so as to not cross Rwy 34. |
| | HS 2 | ATC non-visibility area. |
| SACRAMENTO SACRAMENTO EXECUTIVE (SAC) | HS 1 | Rwy hold short markings for Rwy 16–34 and Rwy 12–30 on Twy M are in close proximity. |
| | HS 2 | Pilots sometimes confuse the inbound Twy A with the outbound Twy B. |
| | HS 3 | Portion of Twy E not visible from twr. |
| SACRAMENTO SACRAMENTO INTL (SMF) | HS 1 | Portions of the ramp not vis to the twr. Acft dep the SE concourse B gates sometimes conflict with inbd acft. |
| SALINAS SALINAS MUNI (SNS) | HS 1 | Acft instructed to taxi from the ramp to Rwy 26 sometimes miss the turn onto Twy C and continue along Twy A, subsequently entering Rwy 26 at Twy A without ATC authorization. |
| SAN DIEGO MONTGOMERY–GIBBS EXECUTIVE (MYF) | HS 1 | Acft Idg Rwy 28R and exiting onto Twy M sometimes cross Rwy 28L wo authorization. |
| | HS 2 | Acft Idg Rwy 28R and exiting onto Twy F sometimes cross Rwy 28L wo authorization. |
| | HS 3 | Acft taxiing to Rwy 28R apch end sometime mistake Twy B for Twy A and cros Rwy 28L wo authorization. |
| SAN FRANCISCO SAN FRANCISCO INTL (SFO) | HS 1 | Pilots instructed to follow Twy B south sometimes continue onto Twy J or Twy F by mistake. |
| | HS 2 | Pilots taxiing east on Twy C and instructed to turn right onto Twy E sometimes miss the turn onto Twy E and continue across Rwy 01L–19R by mistake. |
| | HS 3 | Acft exiting Rwy 28R on Twy T: manage your taxi speed. Expect to hold short of Rwy 28L. |

| CITY/AIRPORT | HOT SPOT | DESCRIPTION |
|--|----------|--|
| SAN JOSE NORMAN Y MINETA SAN JOSE INTL (SJC) | HS 1 | Some pilots may misidentify Twy D as Twy C. Twy D crosses Twy W1. |
| | HS 2 | "Run-up Area" is asphalt/black-top and near active Rwy 30L and Twy D. |
| SAN JOSE REID-HILLVIEW OF SANTA CLARA CO (RHV) | HS 1 | Numerous inbounds and outbounds at twy intersections Twy D, Twy Z, and Twy Y. |
| | HS 2 | Numerous acft maneuvering at twy intersection of Twy Y, Twy Z, Twy A and the Rwy 31R run-up area. |
| SAN LUIS OBISPO SAN LUIS CO RGNL (SBP) | HS 1 | Area May Not Be Visible from Ctlr Twr. |
| | HS 2 | Twy E is not perpendicular to Rwy 29. |
| SANTA ANA JOHN WAYNE AIRPORT-ORANGE CO (SNA) | HS 1 | ATC will instruct pilots when to turn from Twy A onto Twy L and hold short of Rwy 20L. Do not cross Rwy 20L without authorization. |
| | HS 2 | Pilots exiting Rwy 20R or Rwy 20L onto Twy H: short distance between rwys. Expect to hold short of the parallel rwy. Manage your taxi speed. Do not cross the Runway Holding Position Markings for the parallel rwy without ATC authorization. |
| | HS 3 | Pilots taxiing via Twy A, Twy H, and Twy C sometimes miss the turn from Twy H to Twy C. |
| SANTA BARBARA SANTA BARBARA MUNI (SBA) | HS 1 | Pilots are sometimes confused by the angle at which Twy C intersects Rwy 07-25. |
| | HS 2 | ATC often utilizes Rwy 15L-33R and Rwy 15R-33L to taxi arriving aircraft off of Rwy 07-25. |
| | HS 3 | Pilots instructed to taxi to Rwy 25 sometimes miss the turn onto Twy J, not realizing that the approach end of Rwy 25 begins at Twy J. |
| SANTA MARIA SANTA MARIA PUB/CAPT G ALLAN HANCOCK FLD (SMX) | HS 1 | Twy A, Twy A7, Twy A8, Twy V and Twy W. Converging and complex taxi routes in close proximity of the rwy. |
| | HS 2 | Twy A, Twy A6, Twy A5, Twy R, and Twy S, Complex twy int in close proximity of the rwy. |
| | HS 3 | Acraft on Twy A sometimes fail to hold short of Rwy 20. |
| | HS 4 | Acraft on Twy B2 and Twy A2 sometimes fail to hold short of Rwy 12. |
| SANTA ROSA CHARLES M SCHULZ - SONOMA CO (STS) | HS 1 | Complex int in close proximity to Rwy 14-32. Aircraft approaching Twy A from the ramp or Twy Z sometimes fail to turn onto Twy A and enter Rwy 14-32 w/o aprt. |
| | HS 2 | S Run-up area not visible from the twr. |
| | HS 3 | N Run-up area east of Twy A and Twy H int in close proximity of Rwy 20 Aprt Hold sometimes confuses pilots. |
| STOCKTON STOCKTON METROPOLITAN (SCK) | HS 1 | Int of Twy B and Twy M at Trml Aprt are not visible from the ctlr twr. |
| TORRANCE ZAMPERINI FLD (TOA) | HS 1 | Pilots exiting Rwy 11L-29R sometimes fail to hold short of the Rwy 11R-29L aprt hold area on Twy H. |
| TRUCKEE TRUCKEE-TAHOE (TRK) | HS 1 | Simultaneous ops on Rwy 11-29 and Rwy 02-20. |
| VICTORVILLE SOUTHERN CALIFORNIA LOGISTICS (VCV) | HS 1 | Wrong rwy departure risk. |

| CITY/AIRPORT | HOT SPOT | DESCRIPTION |
|-------------------------------------|----------|---|
| COLORADO | | |
| ASPEN | | |
| ASPEN-PITKIN CO/SARDY FLD (ASE) | HS 1 | Twy A2. Short taxi distance from ramp to rwy. |
| | HS 2 | Twy A3. Short taxi distance from ramp to rwy. |
| | HS 3 | Rwy 33 and Twy A9. Pilots sometime cross the rwy holding posn marking wo authorization due to its non-typical lctn. |
| COLORADO SPRINGS | | |
| CITY OF COLORADO SPRINGS MUNI (COS) | HS 1 | Rwy thid 13 and 17R are next to ea other; wrong rwy departure and ldg potential. Rwy 17R connector Twy B1; twr line of sight ltd. Maint close com with ATCT when in this area. |
| | HS 2 | Intersection of Twy A4 and Twy G at Rwy 17R-35L: "High volume" crossing point. |
| | HS 3 | Large concrete area at the intersection of Twy E4, Twy G, Twy H and Twy E. High risk of entering wrong twy. |
| | HS 4 | The apch ends of Rwy 35R and Rwy 35L are very far from the ctl twr. Small acft may not be readily visible to the controller. Maintain strict communication with ATCT when in this area. |
| DENVER | | |
| CENTENNIAL (APA) | HS 1 | Pilots instructed to taxi to Rwy 17L and monitor twr sometimes enter the rwy without ATC clearance. Expect to hold short. |
| | HS 2 | Twy A, Twy A8, Twy A9 and Twy C1 congested intersections. |
| | HS 3 | Twy C1 close proximity to Rwy 10. |
| | HS 4 | Pilots ldg Rwy 17R and instructed to hold short Rwy 17L sometimes enter or cross Rwy 17L wo ATC clnc. Exp to hold short on Twy B at Twy B8. |
| DENVER | | |
| DENVER INTL (DEN) | HS 1 | Rwy 17R apch area. Hold short when directed by ATC. Pilots turning eastbound onto Twy ED from Twy M sometimes cross the Rwy 17R APCH hold bar wo authorization. |
| DENVER | | |
| ROCKY MOUNTAIN METROPOLITAN (BJC) | HS 1 | Frequent helicopter operations on north ends of Twy B and Rwy 03-21. Use caution in this area. |
| | HS 2 | Multiple hold lines in close proximity. Hold line on Twy B south of Rwy 12R-30L is prior to Twy D. Pilots should use caution and hold short when instructed by ATC. |
| EAGLE | | |
| EAGLE CO RGNL (EGE) | HS 1 | High density parking area on ramp east of Twy C2. Air carrier acft should not leave or enter Twy A east of Twy C2. |
| GRAND JUNCTION | | |
| GRAND JUNCTION RGNL (GJT) | HS 1 | Departure on Rwy 29 requires taxi via Rwy 22. Pilots must hold short of both rwys unless cleared for taxi on Rwy 22. Verify rwy heading to prevent possible wrong rwy departures. |

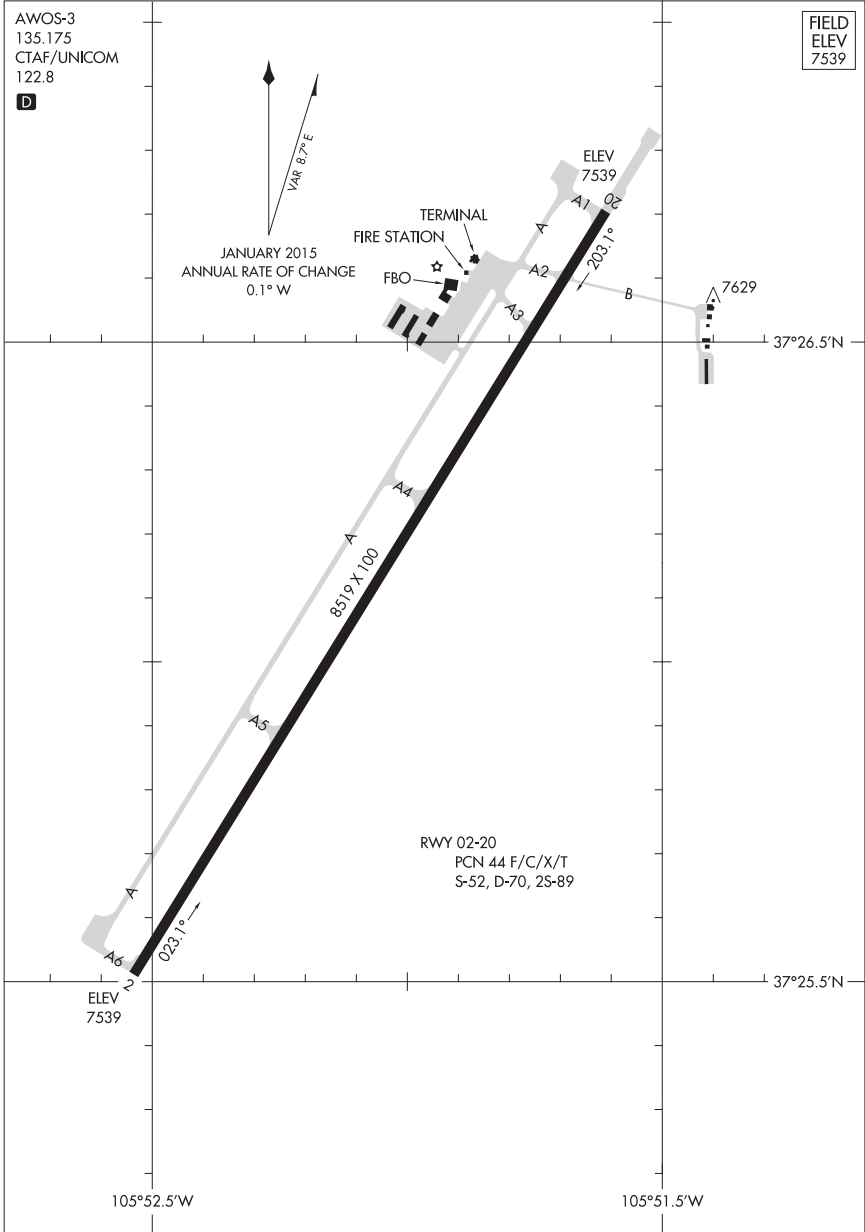
| CITY/AIRPORT | HOT SPOT | DESCRIPTION |
|--|----------|---|
| NEVADA | | |
| LAS VEGAS HENDERSON EXECUTIVE (HND) | HS 1 | Pilots should be aware of frequent jet acft taxiing to Rwy 17R for departure. Additionally, pilots have mistakenly lined up on Twy A for departure. |
| | HS 2 | Pilots should be alert to frequent arriving and departing acft transitioning to/from parking at Twy E and Twy A. |
| | HS 3 | Twy A and run up area, pilots have mistakenly lined up on Twy A for departure instead of the rwy. |
| LAS VEGAS MC CARRAN INTL (LAS) | HS 1 | Exiting the ramp, use caution at Twy S not to cross the rwy holding position markings for Rwy 19L. Twy S intersects with Twy D, Twy Z, and Twy G, which require a turn to the north or south. |
| | HS 2 | Exiting Rwy 01R–19L use caution not to enter Twy U, and avoid entering Rwy 01L–19R without authorization. |
| | HS 3 | Exiting Rwy 01R–19L use caution not to enter Twy Y, and avoid entering Rwy 01L–19R without authorization. |
| | HS 4 | Wrong rwy departure risk. Acft departing Rwy 08L are sometime confused with Rwy 01L. Verify rwy hdg and alignment with proper rwy prior to departure. |
| LAS VEGAS NORTH LAS VEGAS (VGT) | HS 1 | Rwy hold lines at Twy G and Twy F in close proximity to edge of large paved area. Pilots often cross Rwy 07 hold line on Twy G without ATC authorization. |
| | HS 2 | Pilots sometimes enter or cross Rwy 12R without authorization. |
| | HS 3 | Pilots taxiing east on Twy A and destined for Rwy 30L sometimes miss the turn onto Twy B, proceeding onto Rwy 12R without ATC authorization. |
| | HS 4 | Pilots taxiing east on Twy A sometimes fail to hold short of Rwy 12L, or neglect to turn onto Rwy 12L for departure, instead departing on Twy A. |
| MINDEN MINDEN-TAHOE (MEV) | HS 1 | Complex intersection, be vigilant for acft using intersecting rwy. |
| | HS 2 | Frequent crossings for sailplane ops. |
| RENO RENO/TAHOE INTL (RNO) | HS 1 | Wrong rwy ldg risk – Rwy 34L mistaken for Rwy 34R. Rwy 34R thld is 2,000 feet offset to the North. |
| | HS 2 | Twy C and the ramp twy is in close proximity to the rwy. Pilots sometimes enter the rwy wo authorization. |

| CITY/AIRPORT | HOT SPOT | DESCRIPTION |
|---|----------|--|
| NEW MEXICO | | |
| ALAMOGORDO HOLLOMAN AFB (HMN) | HS 1 | Twy R, Twy G, and Twy L have multiple hold lines for Rwy 07-25 and Rwy 04-22. Ctc twr if confused or lost. |
| | HS 2 | Hold line on Twy/EOR A and Twy/EOR H have multiple privately owned vehicle access roads, possibility of high vehicle ttc. |
| | HS 3 | Hold line on Twy/EOR B and Twy C for Rwy 07-25 have multiple privately owned vehicle access roads, possibility of high vehicle ttc. |
| | HS 4 | Multiple hold lines at intersecting rwys. Ldg/departing acft disregard hold lines, taxiing acft ctc twr prior to crossing hold lines. |
| | HS 5 | Multiple hold lines where rwys intersect. Hold line also at Twy D. Ctc twr if confused or lost. |
| | HS 6 | Privately owned vehicle crossing ctl by twr. Hold line located on each side of Rwy 07-25. Possibility of high vehicle traffic. |
| ALBUQUERQUE ALBUQUERQUE INTL SUNPORT (ABQ) | HS 1 | One Hold Position Marking on Twy E1 is the hold short position for Rwy 08 and Rwy 12. When instructed by ATC to move beyond this point, ensure correct alignment on assigned rwy. |
| | HS 2 | Twy G and Twy G1 are adjacent to Cutter Aviation ramp entrance. Be alert not to enter Rwy 12-30 without ATC authorization. Rwy 12 commonly used for expeditious General Aviation departures when Rwy 08 and Rwy 03 are active. |
| | HS 3 | This area has the convergence of three Twys and one Rwy: Twy F, Twy C, and Twy G. Twy G extends across Rwy 03-21. Be alert in this area for the Hold Short Line for Rwy 03-21. |
| | HS 4 | Twy E5 perm closed. Hold short lines for Rwy 03-21 on Twys E, H, and Hot Pad 2. Risk to pilots traveling on Twy E of confusing Twy H and Rwys 03-21. |
| ROSWELL ROSWELL INTL AIR CENTER (ROW) | HS 1 | Pilots taxiing eastbound on Twy A sometimes miss the turn onto Twy B and enter Rwy 03-21 wo authorization via Twy D due to the complex twy int. |
| UTAH | | |
| OGDEN OGDEN-HINCKLEY (OGD) | HS 1 | When crossing Rwy 03-21 on Twy D there are no signs to indicate where Rwy 25 thld begins. Pilots have inadvertently turned onto Rwy 25. |
| | HS 2 | Pilots who miss the left turn on Twy B while traveling S on Twy A inadvertently taxi onto Rwy 17-35. |
| PROVO PROVO MUNI (PVU) | HS 1 | Pilots taxiing to Rwy 13 often take Twy A3 instead of Twy A. Twy A3 leads to intersection of two rwys. |
| SALT LAKE CITY SALT LAKE CITY INTL (SLC) | HS 1 | Wrong Rwy Departure Risk. Hold Lines for Rwy 32 and Rwy 35 are at the same lctn at Twy K1 and Twy M with short taxi dist to either rwy. |
| | HS 2 | High risk of Rwy incursion at Rwy 14/32 on Twy Q due to short taxi dist btn rwys. |

17173

AIRPORT DIAGRAM

SAN LUIS VALLEY RGNL/BERGMAN FIELD (A.L.S)
AL-18 (FAA) ALAMOSA, COLORADO



AIRPORT DIAGRAM

17173

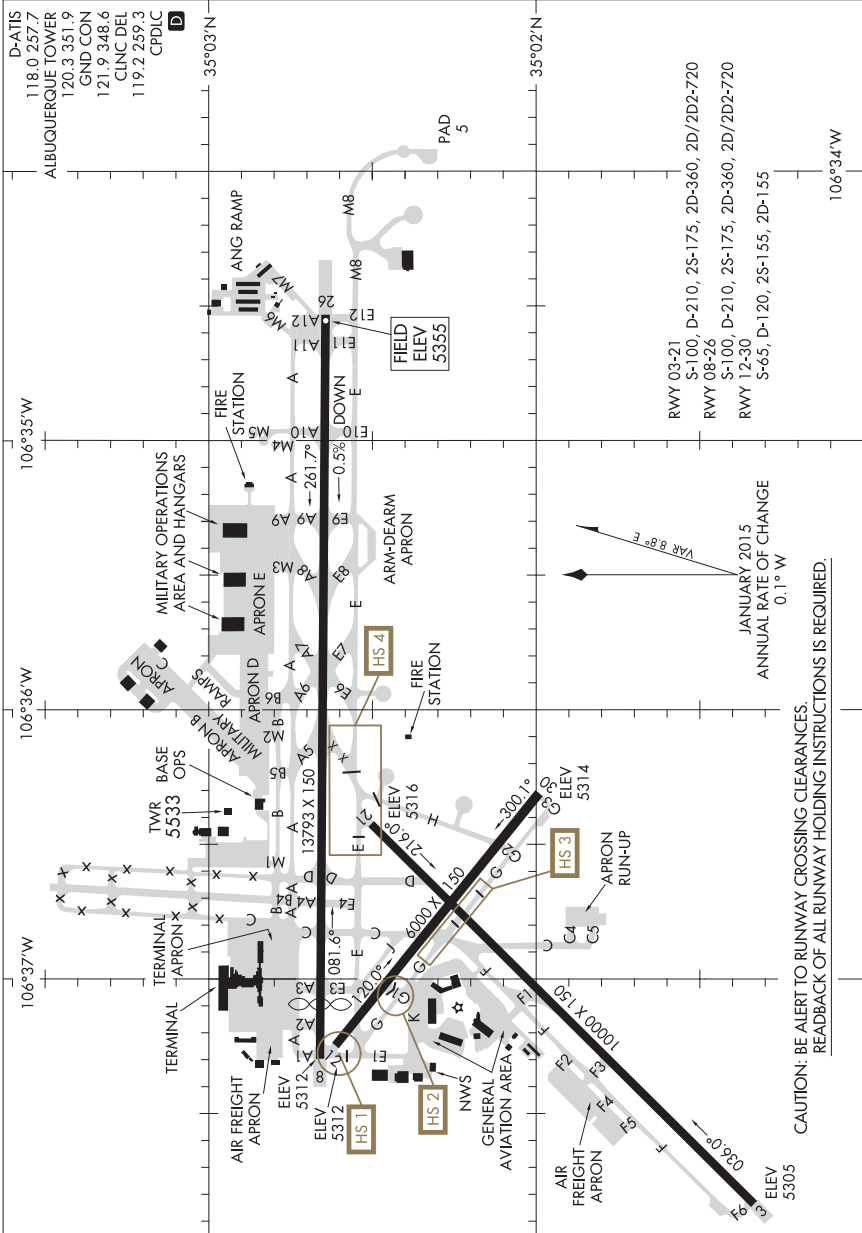
ALAMOSA, COLORADO
SAN LUIS VALLEY RGNL/BERGMAN FIELD (A.L.S)

17117

AIRPORT DIAGRAM

AL-12 (FAA)

ALBUQUERQUE INTL SUNPORT (ABQ)
ALBUQUERQUE, NEW MEXICO



AIRPORT DIAGRAM

ALBUQUERQUE, NEW MEXICO
ALBUQUERQUE INTL SUNPORT (ABQ)

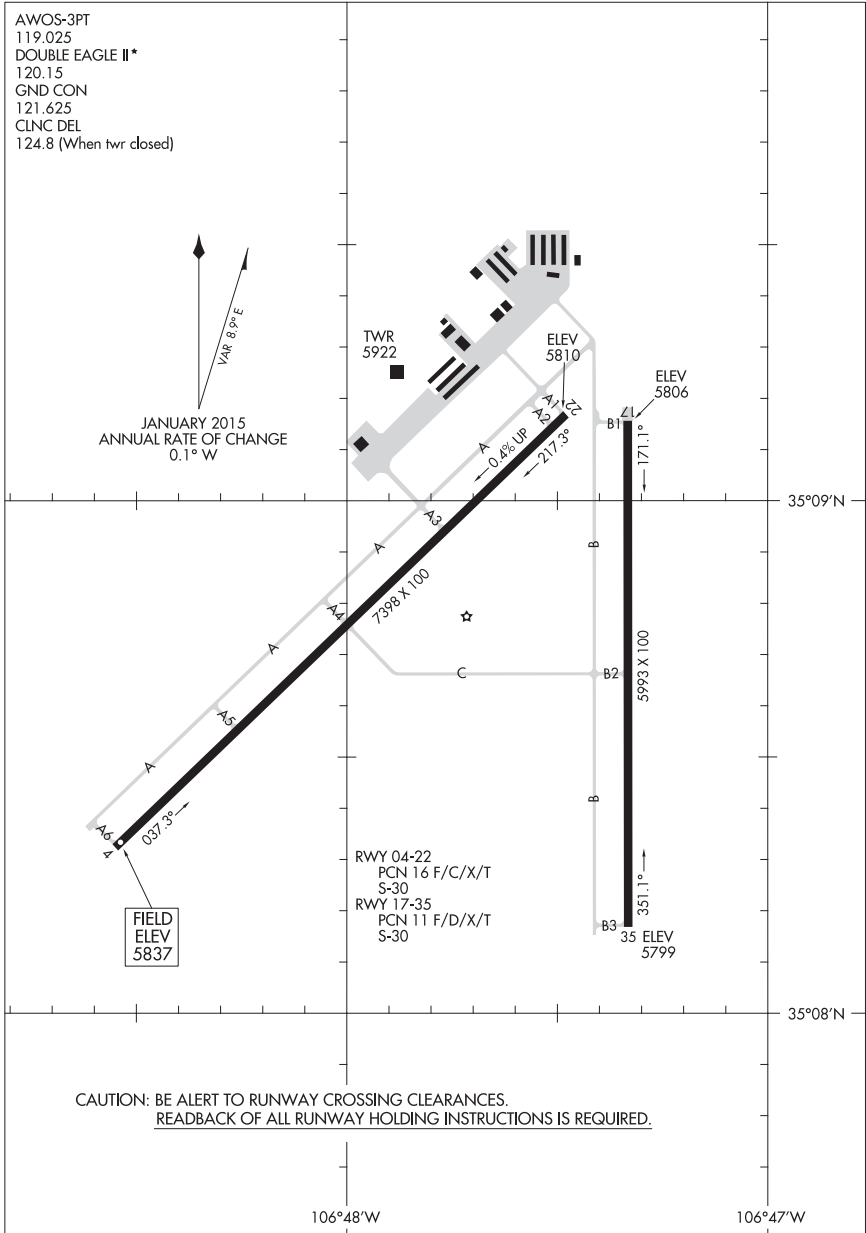
17117

16315

AIRPORT DIAGRAM

AL-6859 (FAA)

DOUBLE EAGLE II (A.E.G.)
ALBUQUERQUE, NEW MEXICO



AIRPORT DIAGRAM

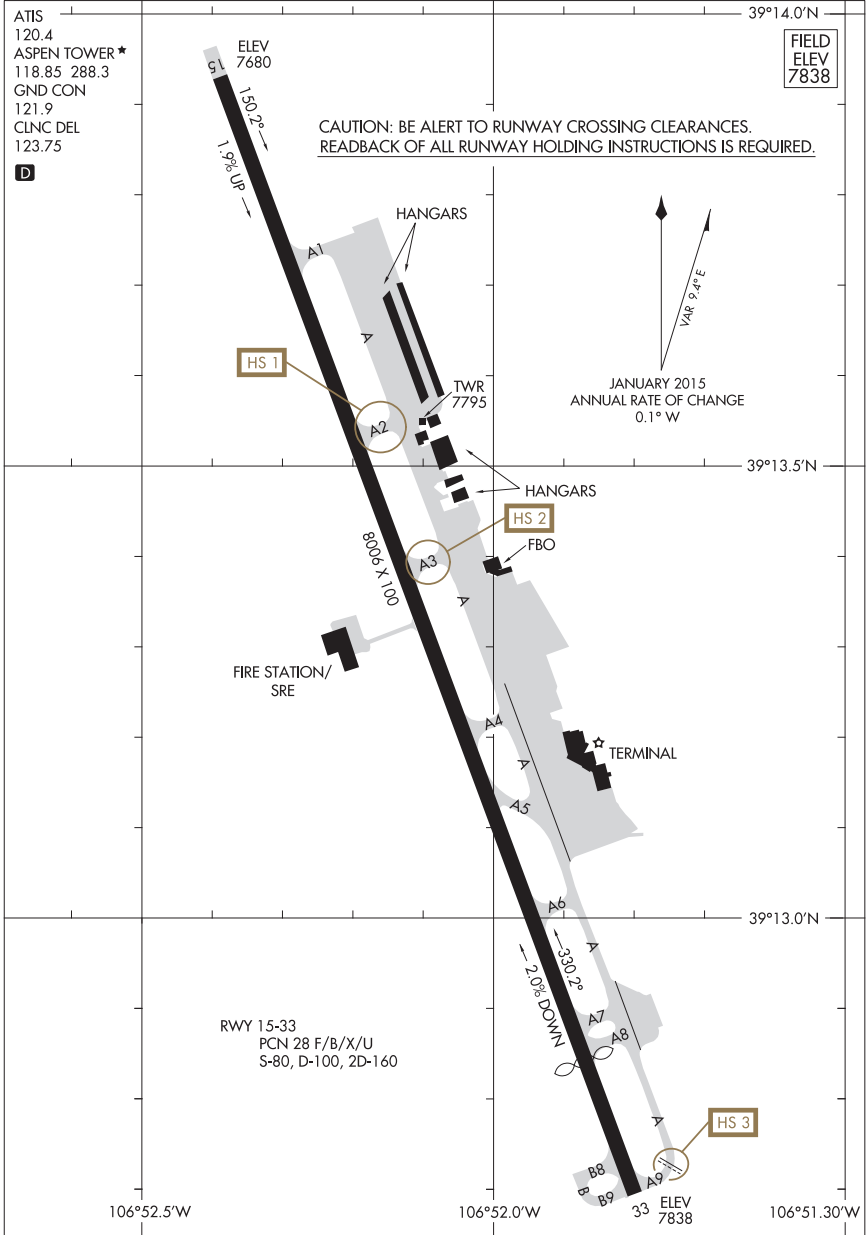
16315

ALBUQUERQUE, NEW MEXICO
DOUBLE EAGLE II (A.E.G.)

16259

AIRPORT DIAGRAM

AL-5889 (FAA) ASPEN-PITKIN COUNTY/SARDY FIELD (ASE) ASPEN, COLORADO



AIRPORT DIAGRAM

16259

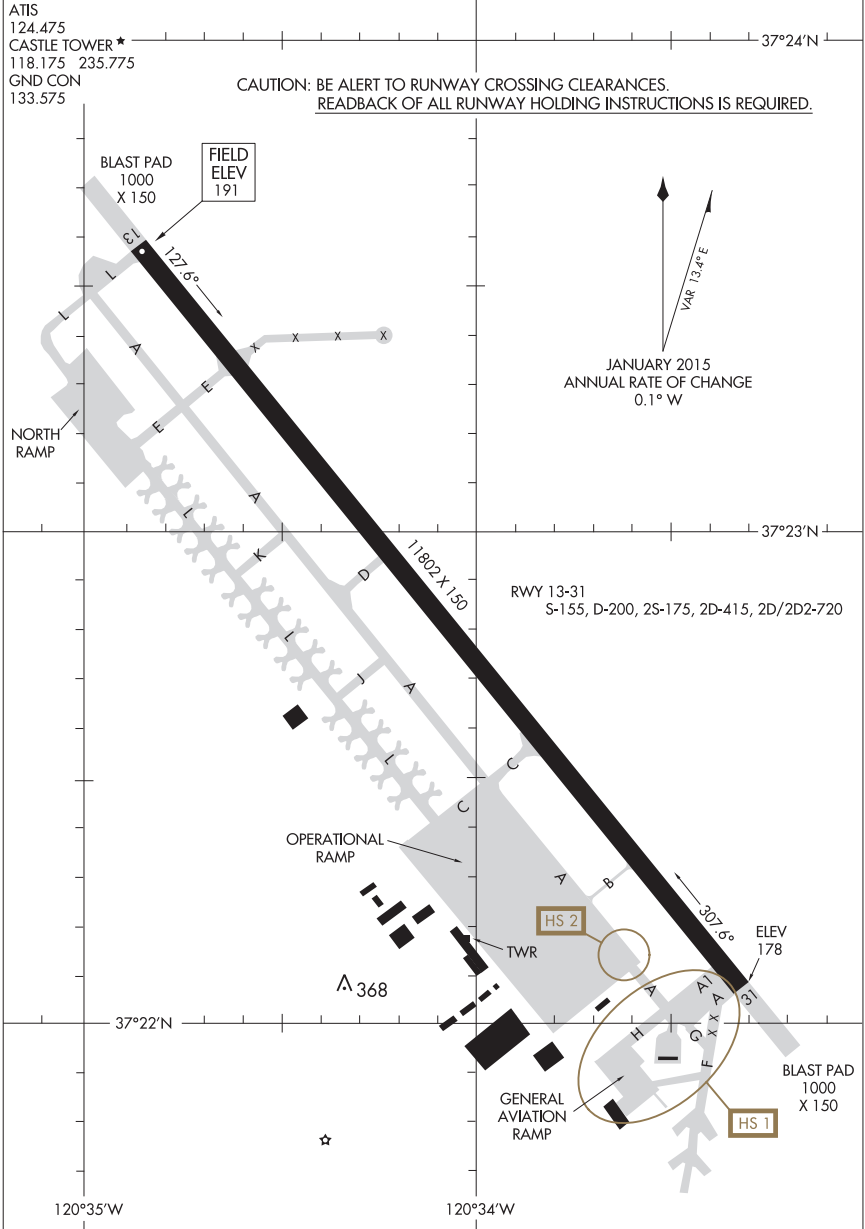
ASPEN, COLORADO ASPEN-PITKIN COUNTY/SARDY FIELD (ASE)

15064

AIRPORT DIAGRAM

AL-568 (FAA)

CASTLE (MER)
ATWATER, CALIFORNIA



AIRPORT DIAGRAM

15064

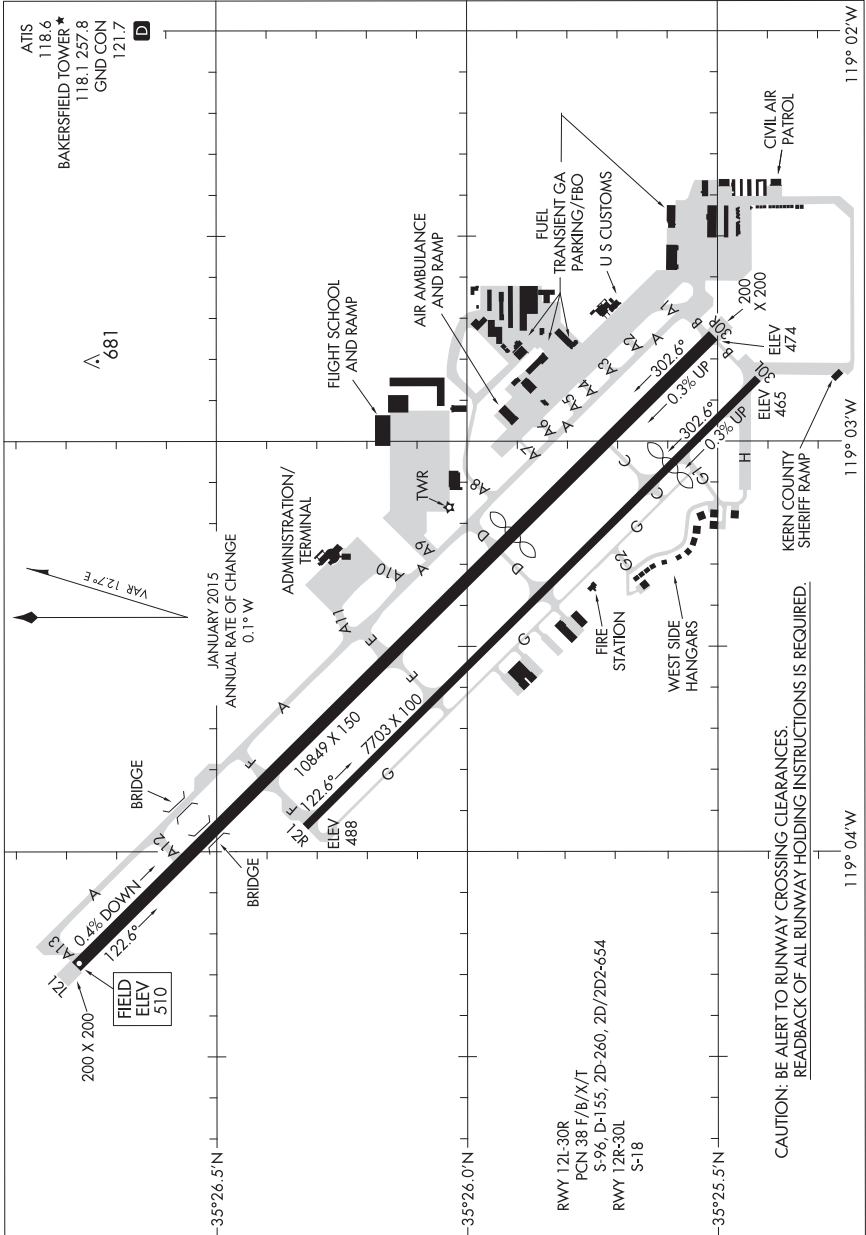
ATWATER, CALIFORNIA
CASTLE (MER)

18032

AIRPORT DIAGRAM

AL-36 (FAA)

MEADOWS FIELD (BFL)
BAKERSFIELD, CALIFORNIA



AIRPORT DIAGRAM

18032

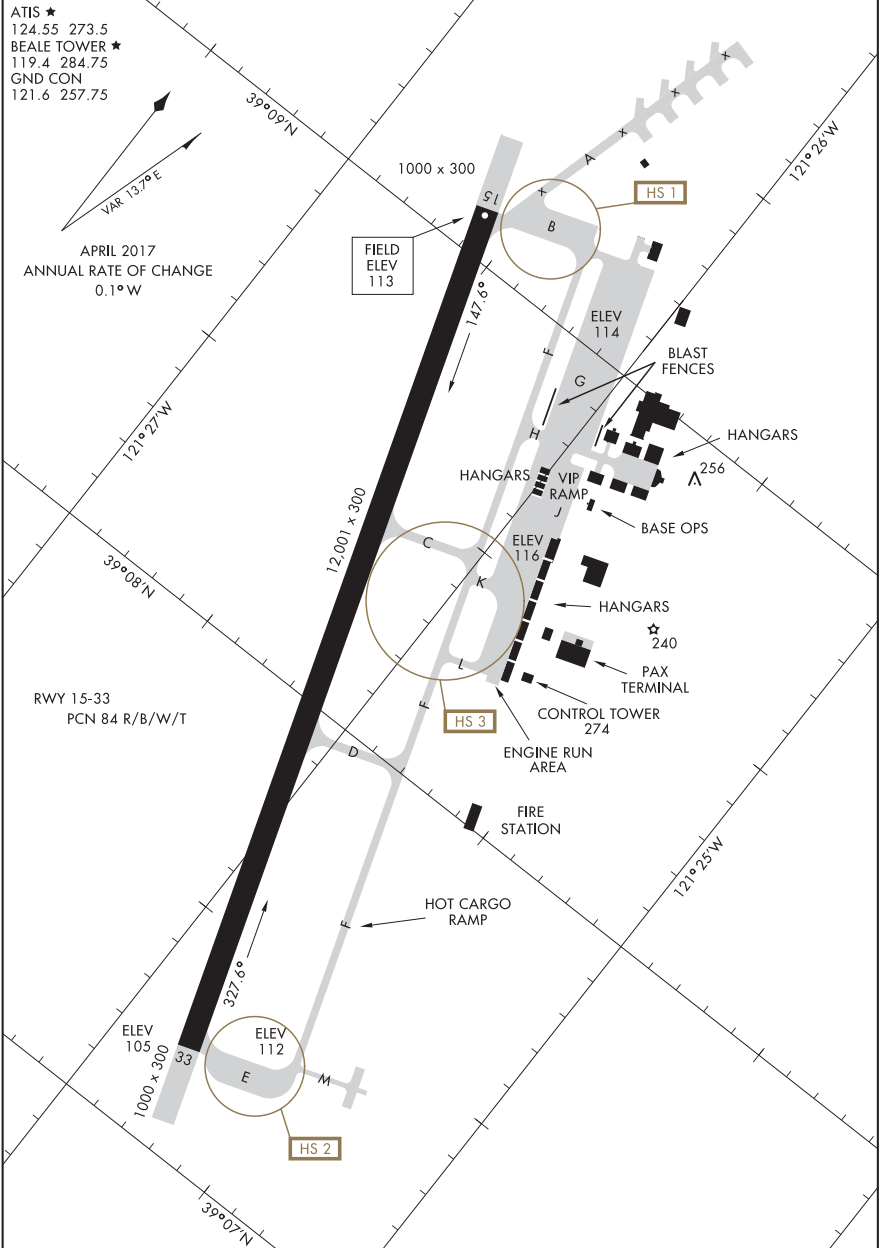
BAKERSFIELD, CALIFORNIA
MEADOWS FIELD (BFL)

17117

BEALE AFB (KBAB)
MARYSVILLE, CALIFORNIA

AIRPORT DIAGRAM

AFD-771 [USAF]



AIRPORT DIAGRAM

MARYSVILLE, CALIFORNIA
BEALE AFB (KBAB)

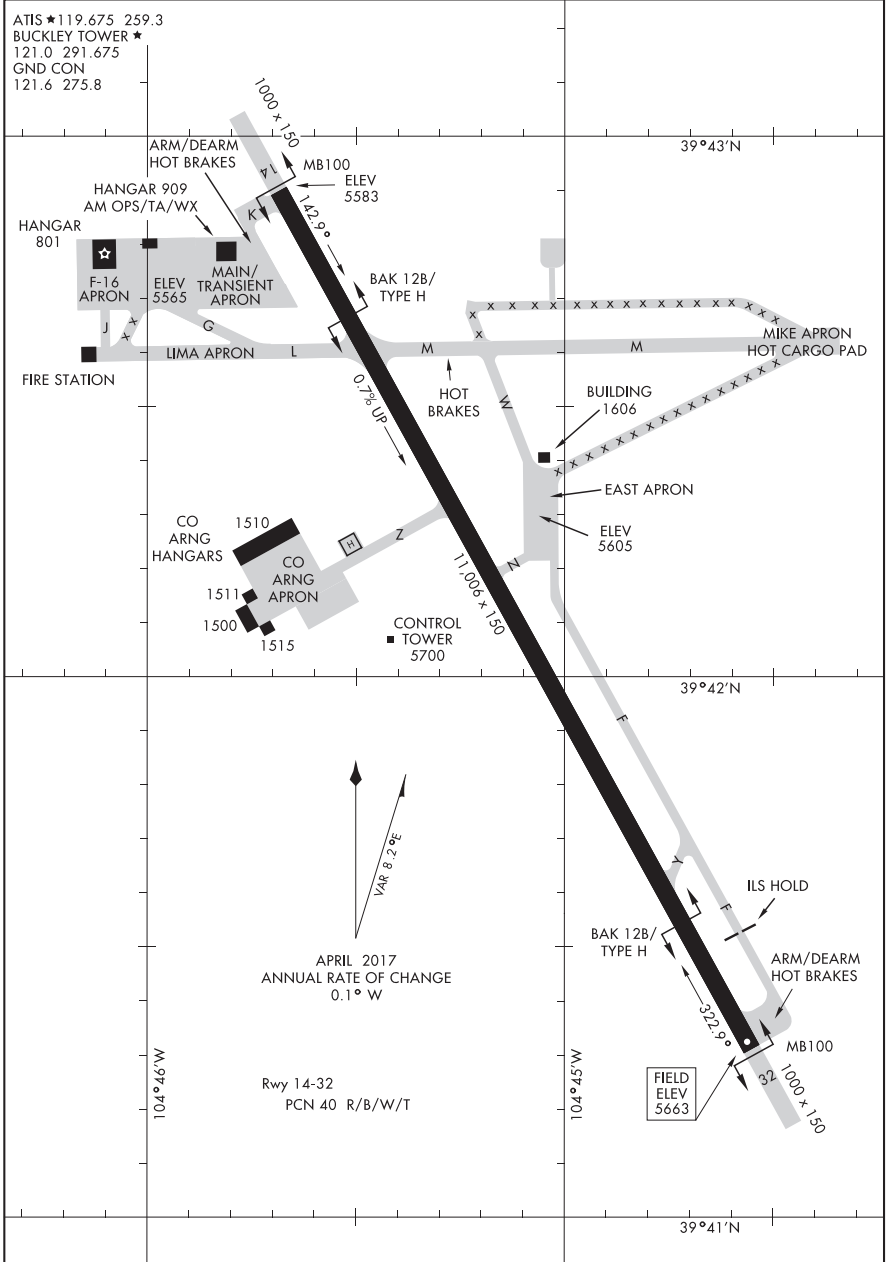
17117

BUCKLEY AFB (KBKF)

AIRPORT DIAGRAM

AFD 538 [USAF]

AURORA, COLORADO



AIRPORT DIAGRAM

AURORA, COLORADO

BUCKLEY AFB (KBKF)

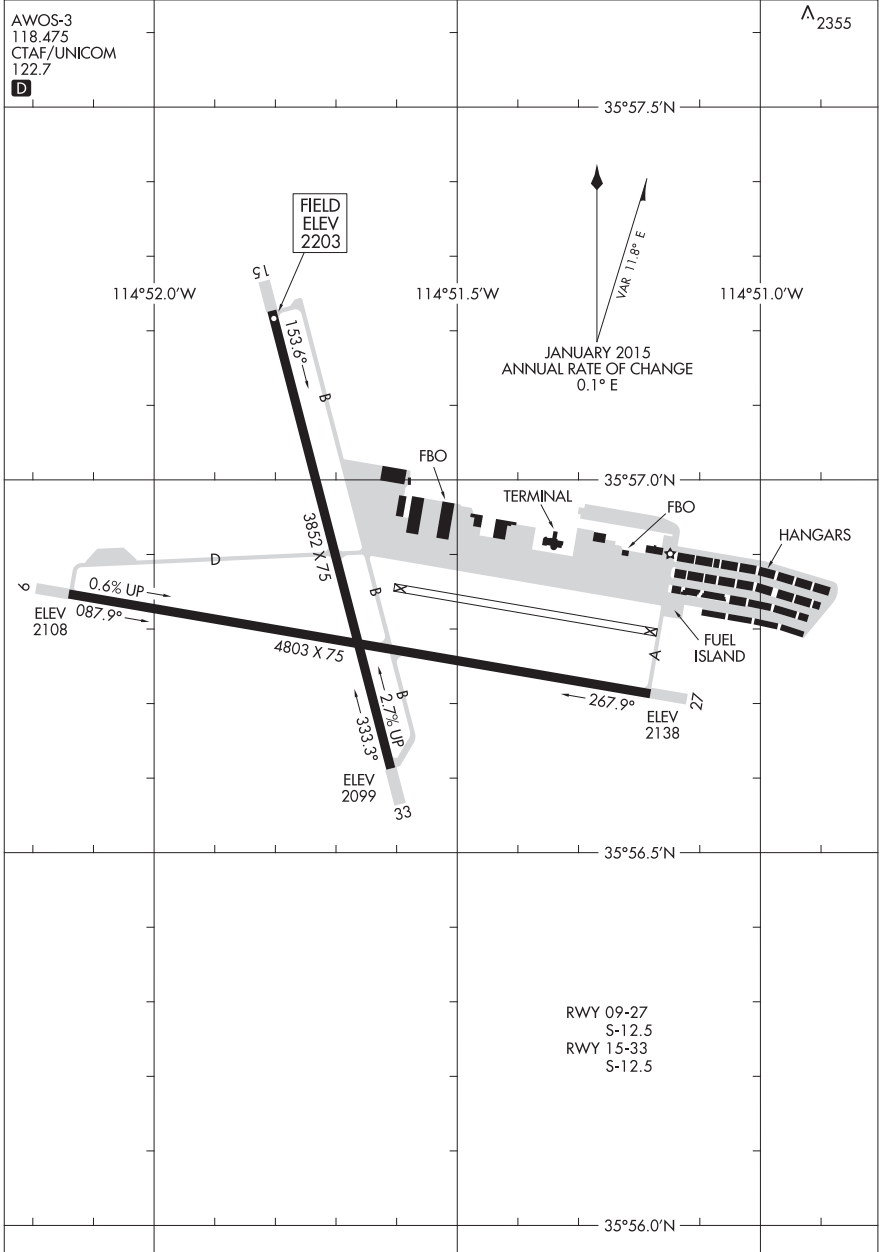
17285

AIRPORT DIAGRAM

AL-612 (FAA)

BOULDER CITY MUNI (BVTU)

BOULDER CITY, NEVADA



AIRPORT DIAGRAM

17285

BOULDER CITY, NEVADA

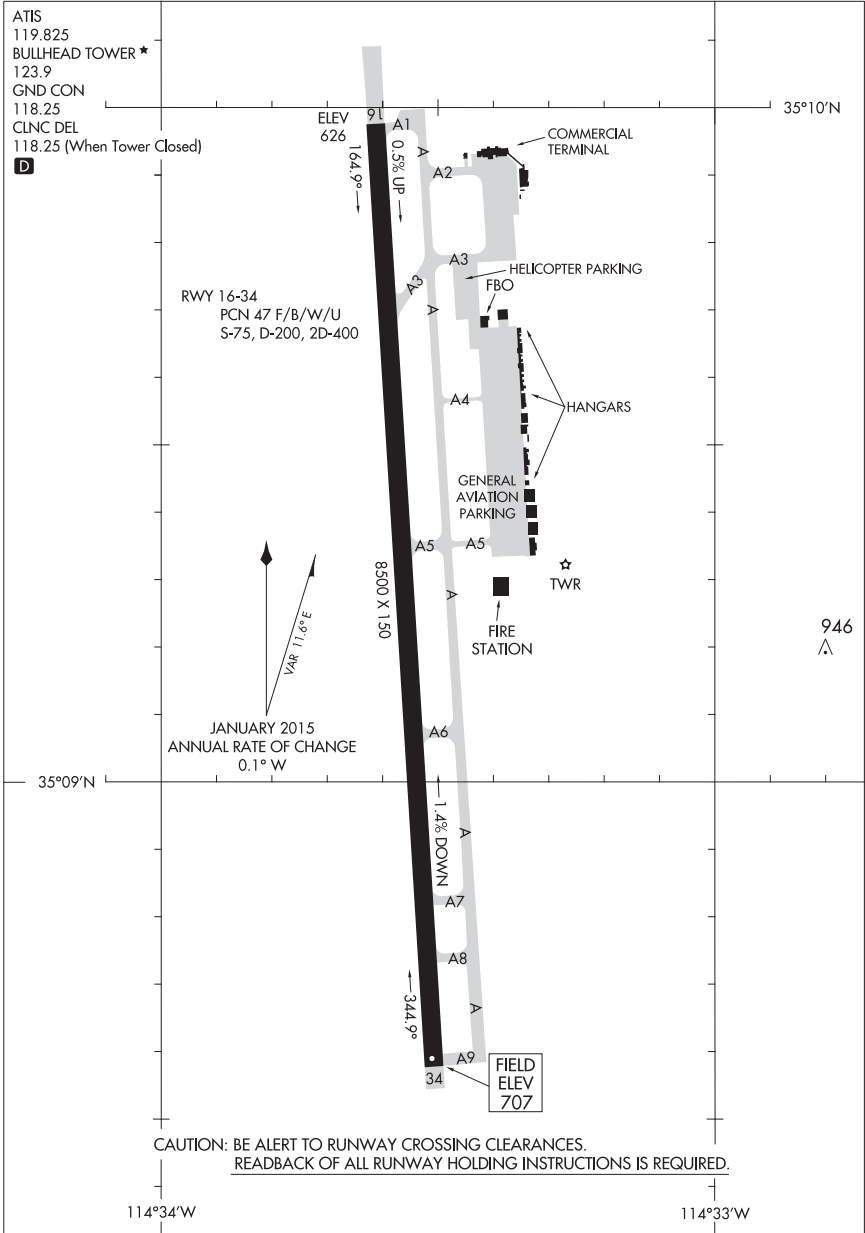
BOULDER CITY MUNI (BVTU)

17229

AIRPORT DIAGRAM

AL-6967 (FAA)

LAUGHLIN/BULLHEAD INTL (IFP)
BULLHEAD CITY, ARIZONA



AIRPORT DIAGRAM

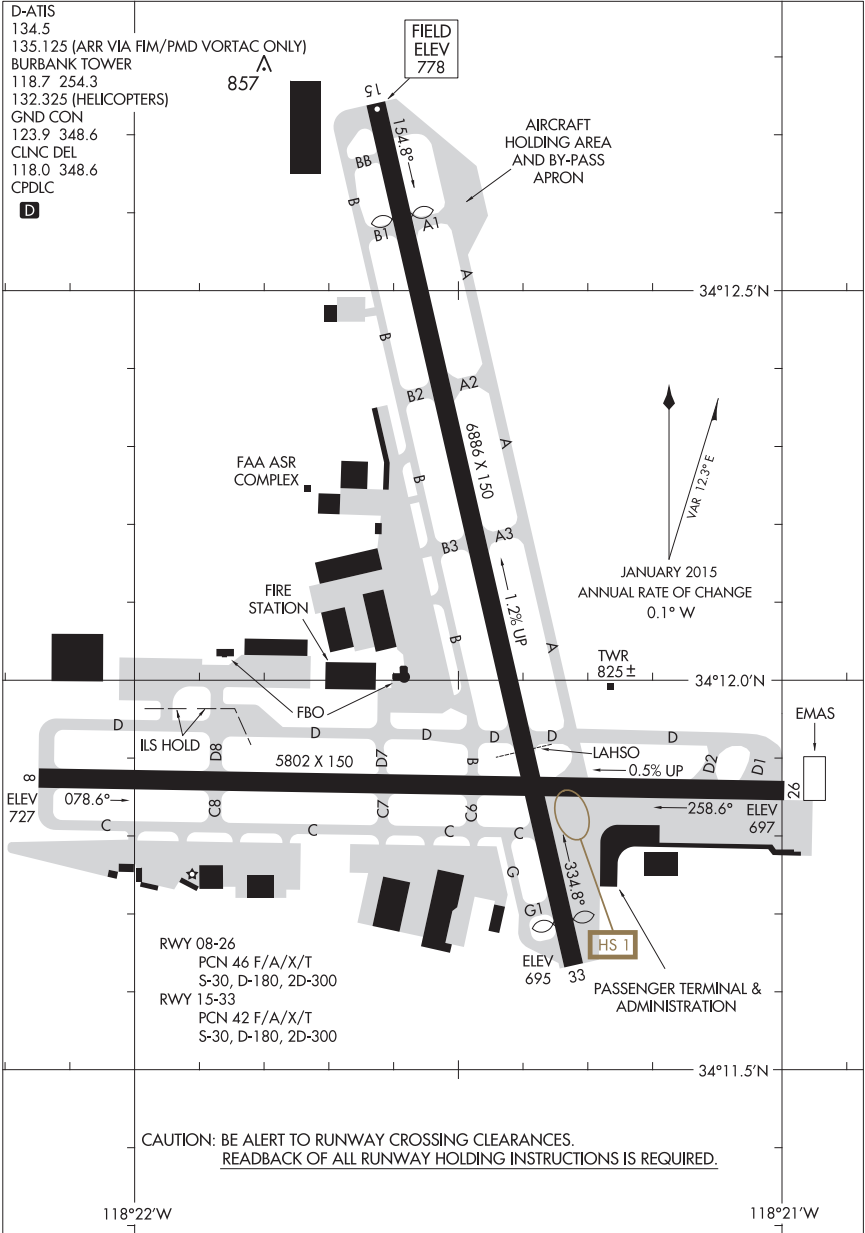
17229

BULLHEAD CITY, ARIZONA
LAUGHLIN/BULLHEAD INTL (IFP)

18032
AIRPORT DIAGRAM

BOB HOPE (BUR)
BURBANK, CALIFORNIA

AL-67 (FAA)



AIRPORT DIAGRAM
18032

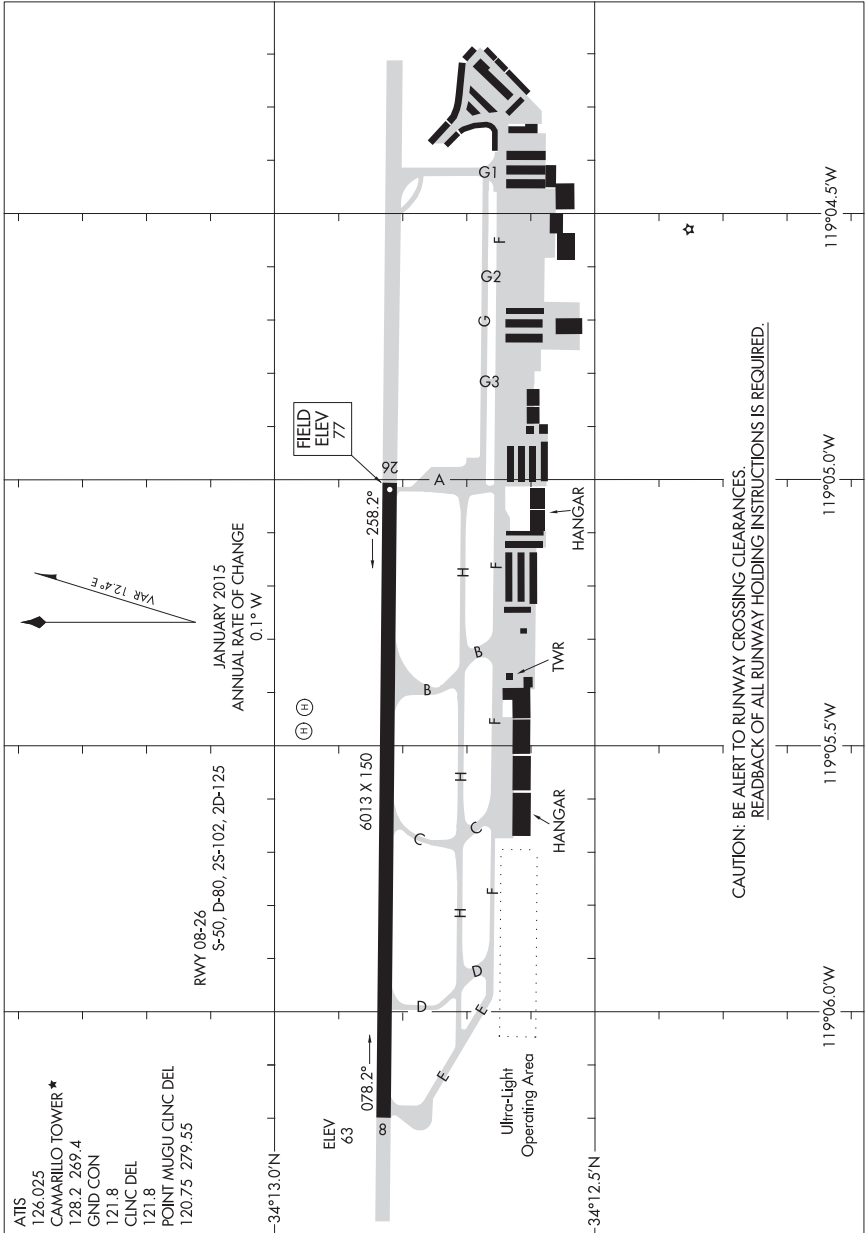
BURBANK, CALIFORNIA
BOB HOPE (BUR)

15064

AIRPORT DIAGRAM

AL-680 (FAA)

CAMARILLO (CMA)
CAMARILLO, CALIFORNIA



AIRPORT DIAGRAM

CAMARILLO, CALIFORNIA
CAMARILLO (CMA)

15064

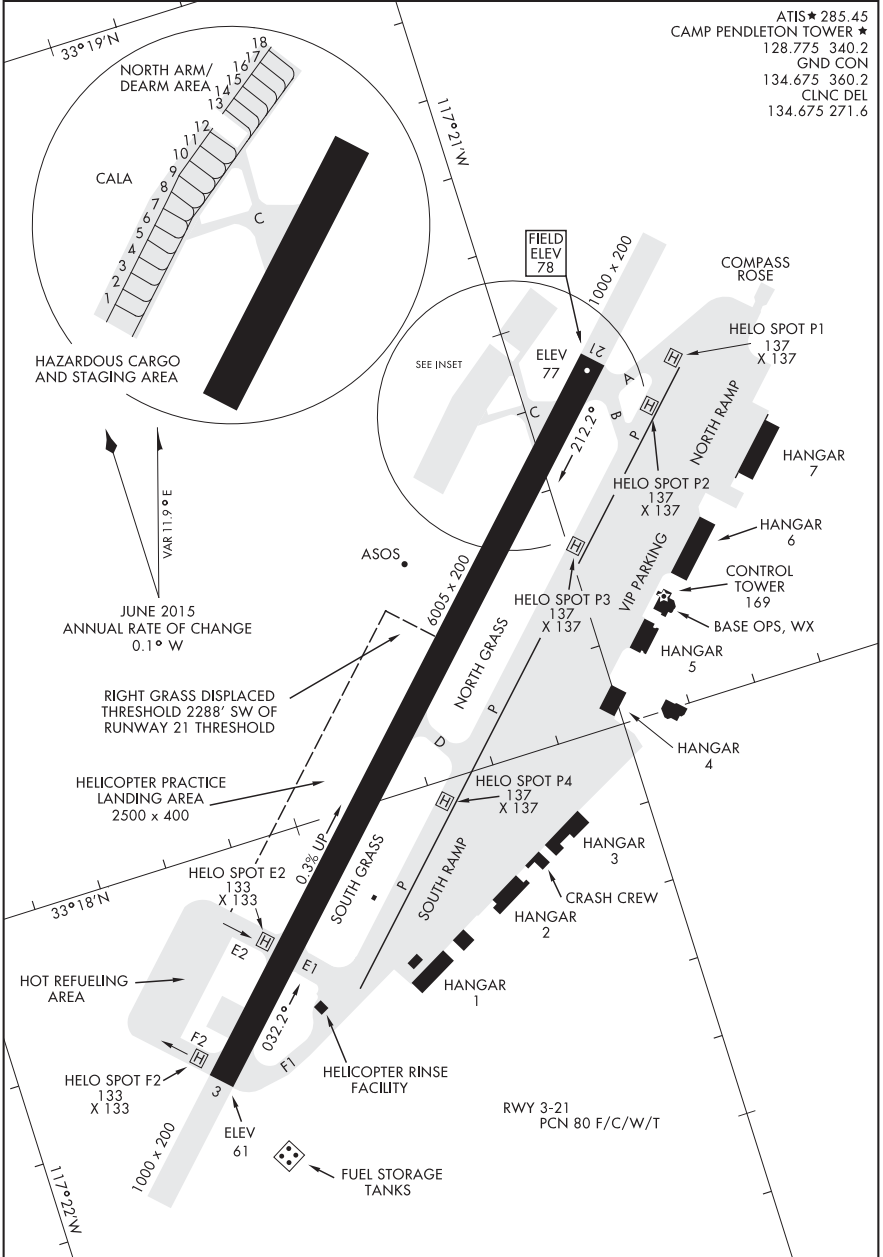
15176

CAMP PENDLETON MCAS (MUNN FIELD) (KNFG)

AIRPORT DIAGRAM

AFD-5985 [USN]

OCEANSIDE, CALIFORNIA



ATIS ★ 285.45
 CAMP PENDLETON TOWER ★
 128.775 340.2
 GND CON
 134.675 360.2
 CLNC DEL
 134.675 271.6

AIRPORT DIAGRAM

OCEANSIDE, CALIFORNIA

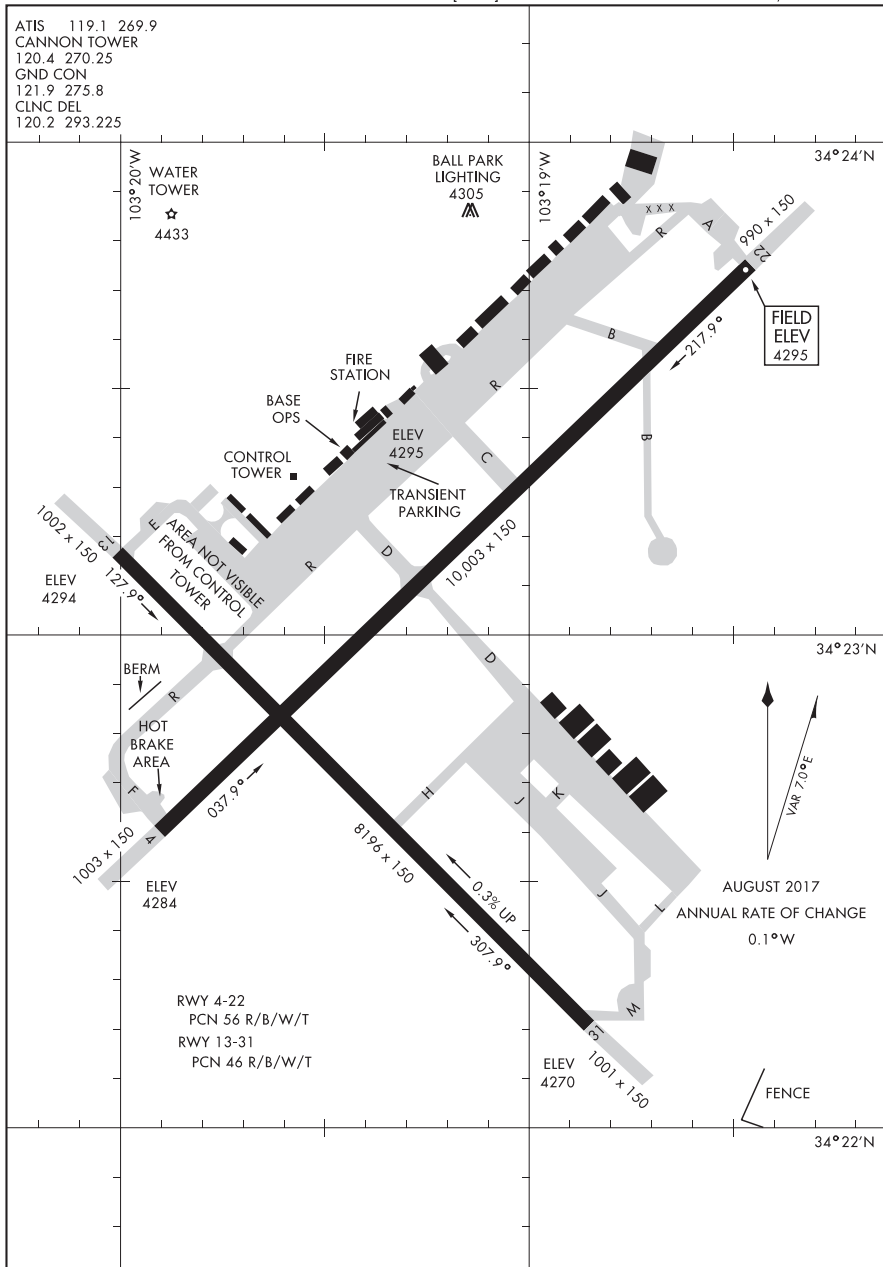
CAMP PENDLETON MCAS (MUNN FIELD) (KNFG)

17229

CANNON AFB (KCVS)
CLOVIS, NEW MEXICO

AIRPORT DIAGRAM

AFD-512 [USAF]



AIRPORT DIAGRAM

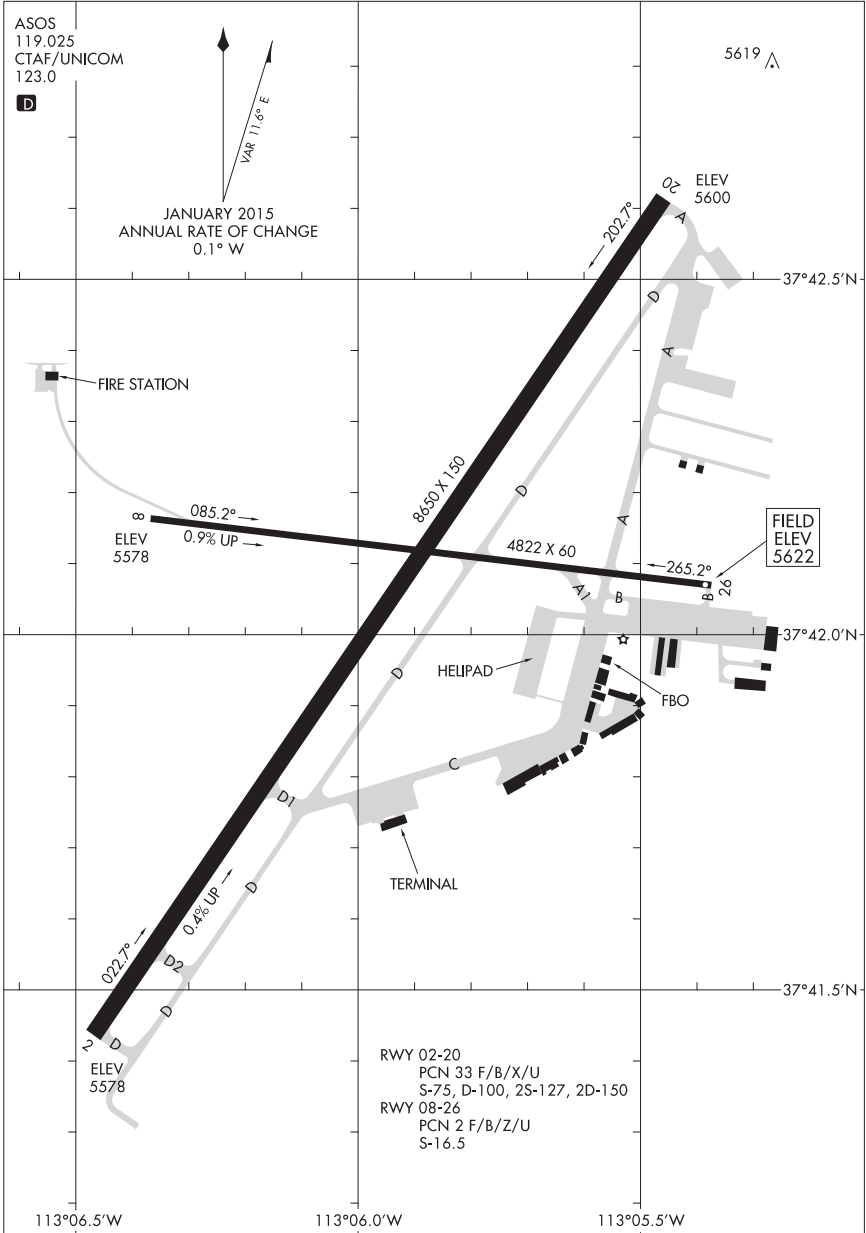
CLOVIS, NEW MEXICO
CANNON AFB (KCVS)

17117

AIRPORT DIAGRAM

AL-5139 (FAA)

CEDAR CITY RGNL (CDC)
CEDAR CITY, UTAH



AIRPORT DIAGRAM

17117

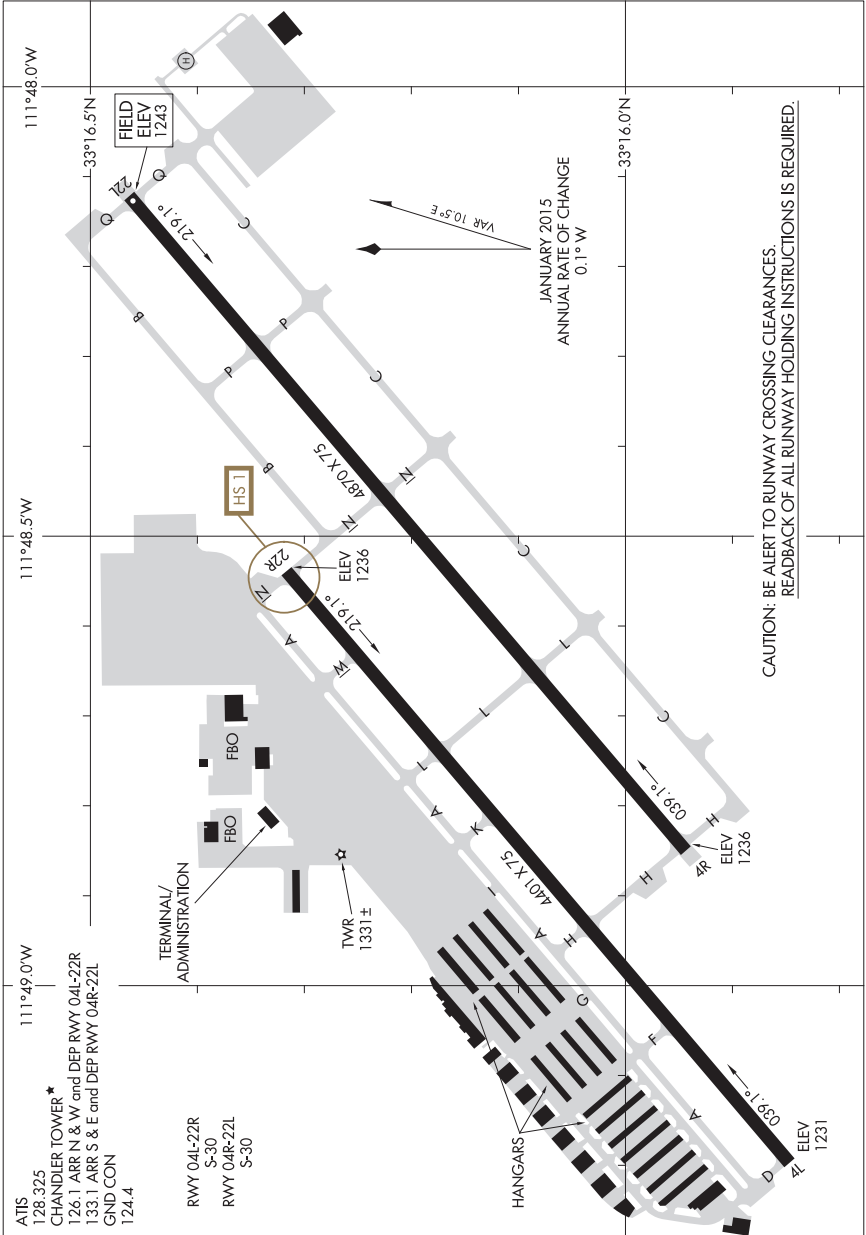
CEDAR CITY, UTAH
CEDAR CITY RGNL (CDC)

16203

AIRPORT DIAGRAM

AL-6494 (FAA)

CHANDLER MUNI (CHD)
CHANDLER, ARIZONA



AIRPORT DIAGRAM

16203

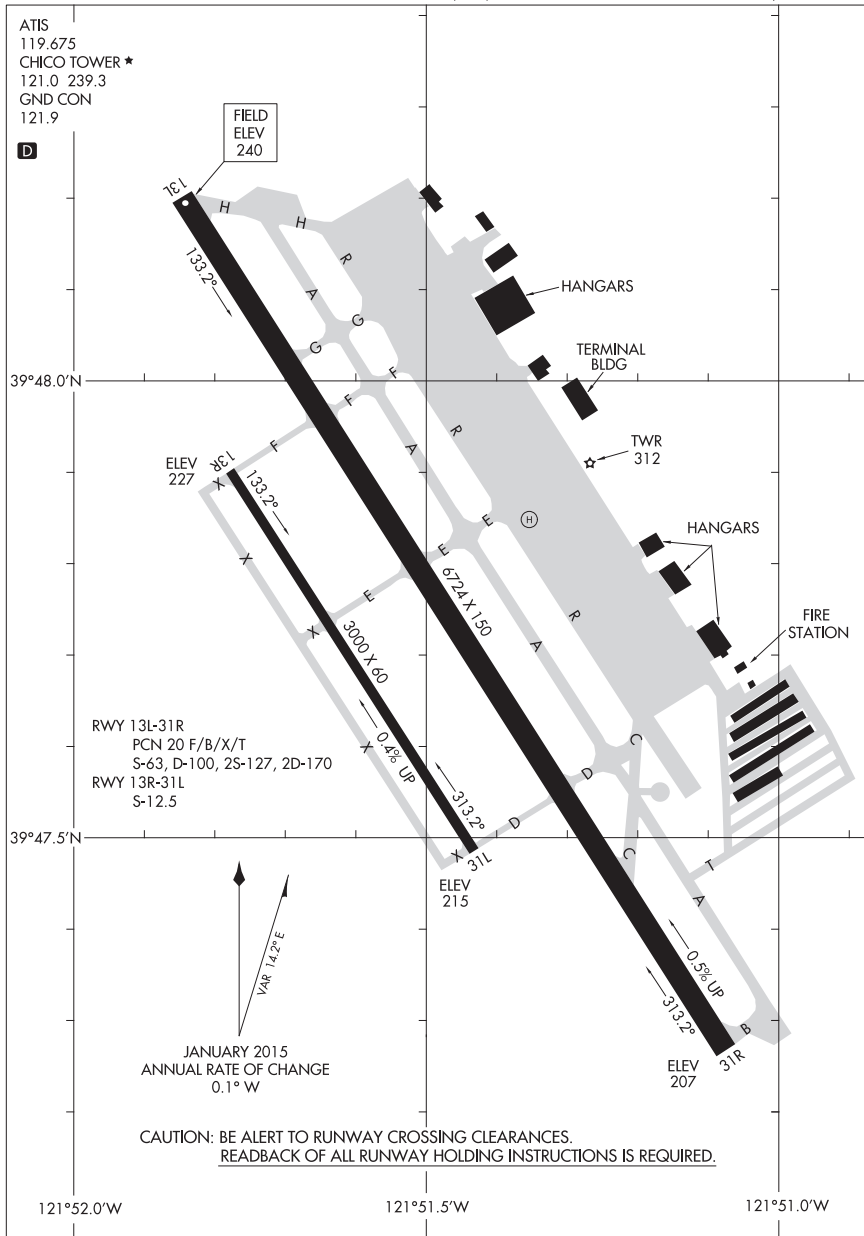
CHANDLER, ARIZONA
CHANDLER MUNI (CHD)

16259

AIRPORT DIAGRAM

AL-557 (FAA)

CHICO MUNI (CIC)
CHICO, CALIFORNIA



AIRPORT DIAGRAM

16259

CHICO, CALIFORNIA
CHICO MUNI (CIC)

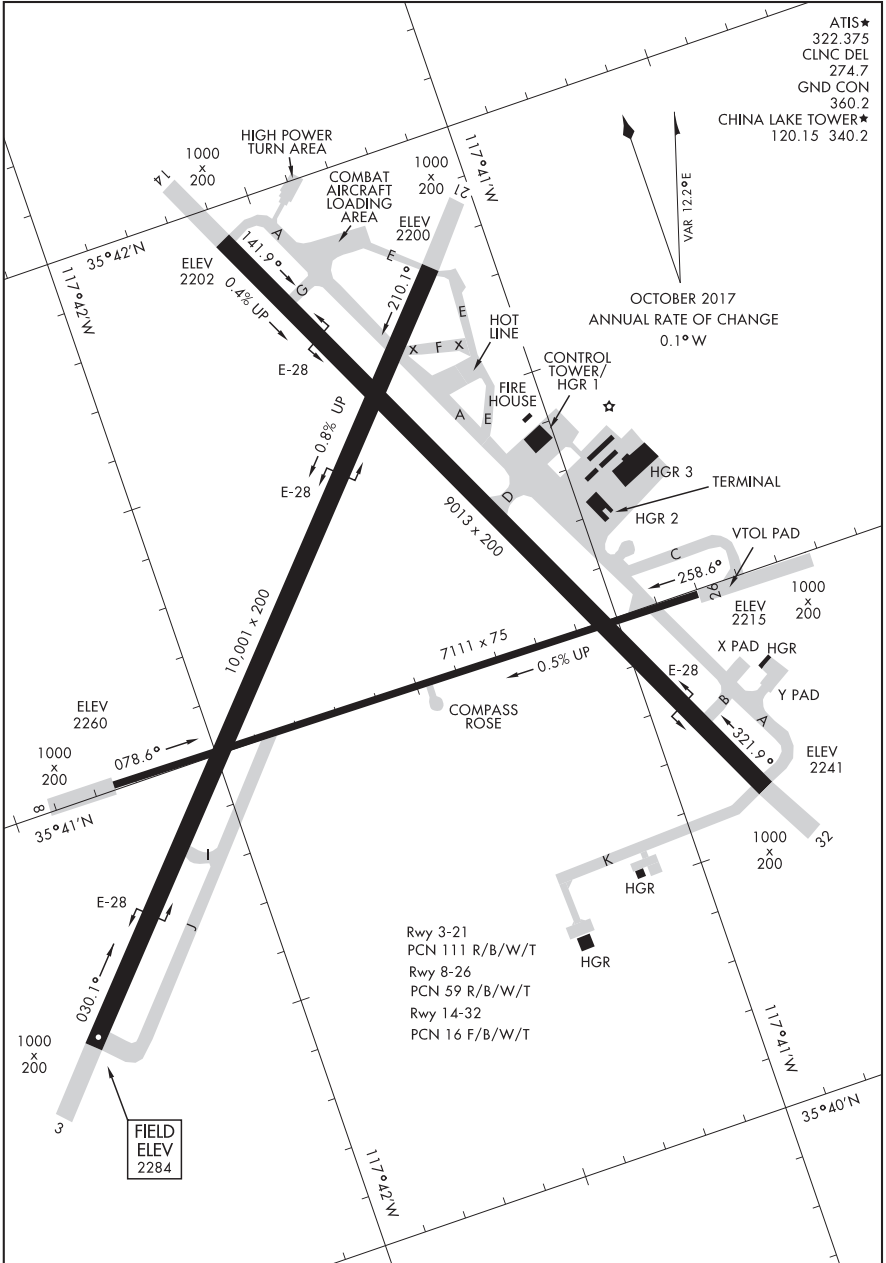
17285

CHINA LAKE NAWS (ARMITAGE FIELD) (KNID)

AIRPORT DIAGRAM

AFD-914 [USN]

RIDGECREST, CALIFORNIA



AIRPORT DIAGRAM

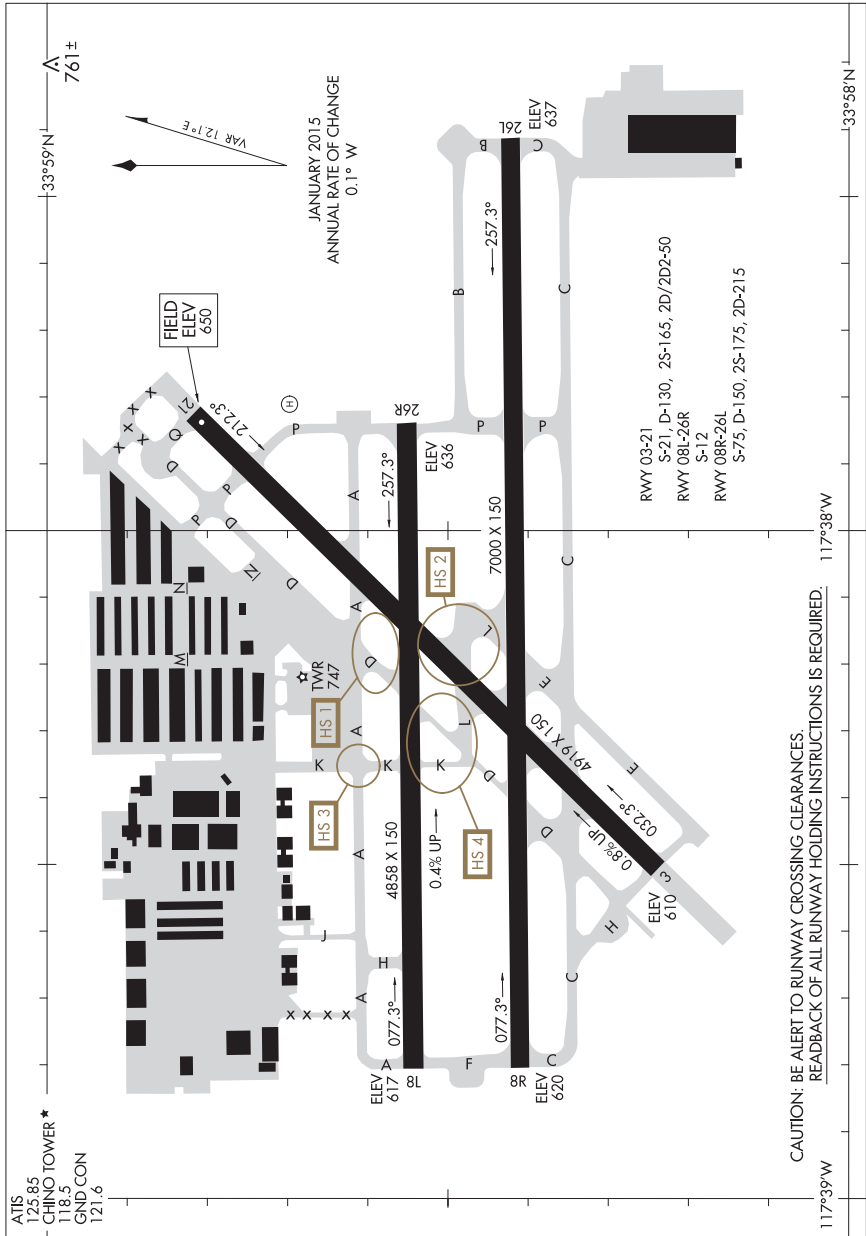
RIDGECREST, CALIFORNIA

CHINA LAKE NAWS (ARMITAGE FIELD) (KNID)

AIRPORT DIAGRAM

AL-5599 (FAA)

CHINO (CNO)
CHINO, CALIFORNIA



AIRPORT DIAGRAM

17005

CHINO, CALIFORNIA
CHINO (CNO)

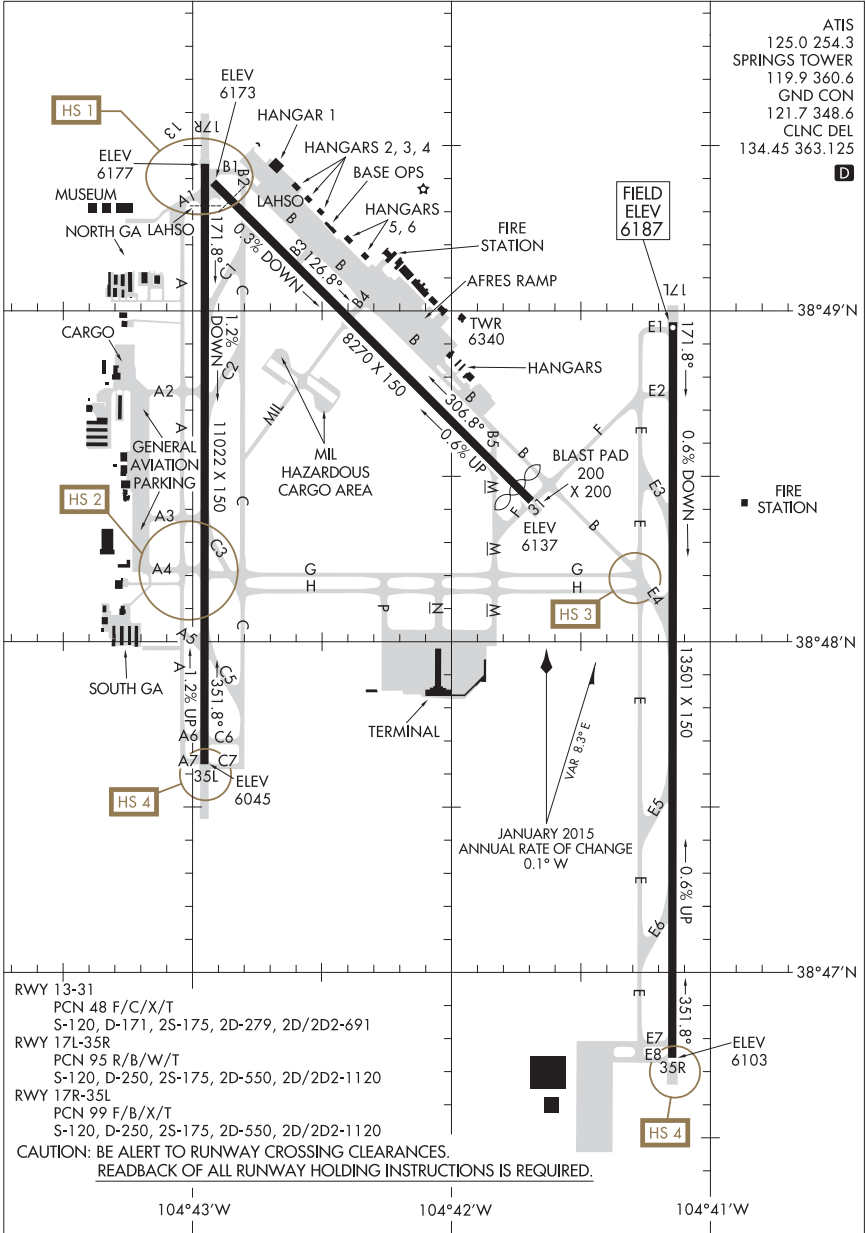
17117

AIRPORT DIAGRAM

CITY OF COLORADO SPRINGS MUNI (COS)

AL-87 (FAA)

COLORADO SPRINGS, COLORADO



AIRPORT DIAGRAM

17117

COLORADO SPRINGS, COLORADO

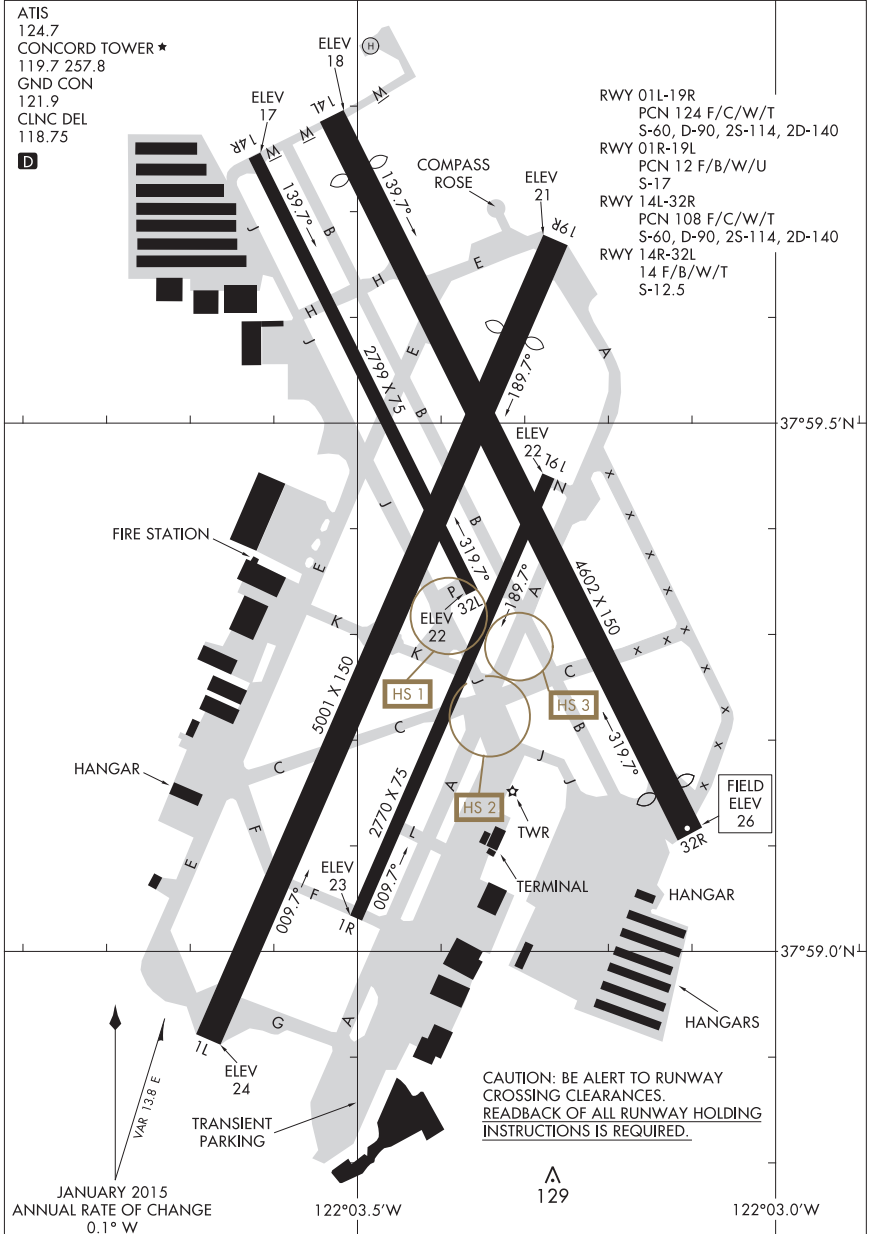
CITY OF COLORADO SPRINGS MUNI (COS)

16147

AIRPORT DIAGRAM

AL-5320 (FAA)

BUCHANAN FIELD (CCR)
CONCORD, CALIFORNIA



AIRPORT DIAGRAM

16147

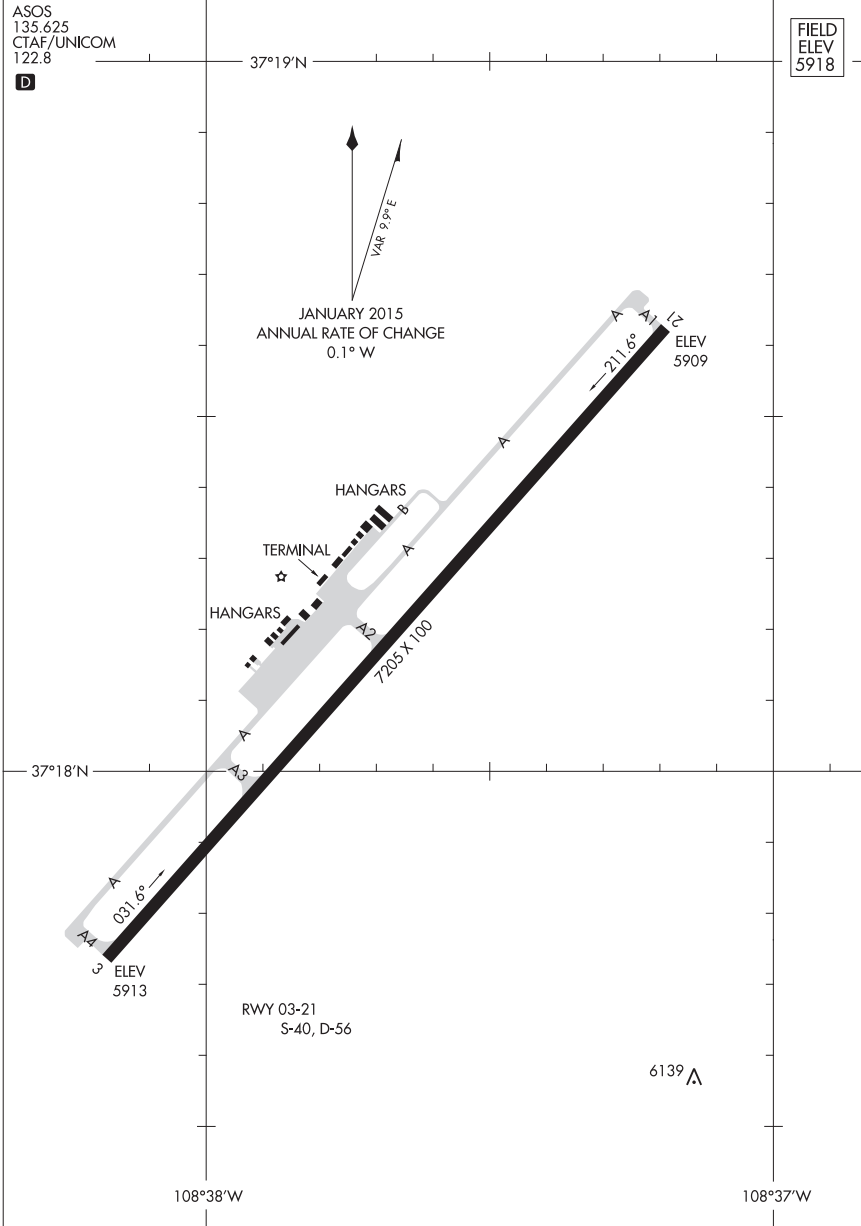
CONCORD, CALIFORNIA
BUCHANAN FIELD (CCR)

15064

AIRPORT DIAGRAM

AL-112 (FAA)

CORTEZ MUNI (CEZ)
CORTEZ, COLORADO



AIRPORT DIAGRAM

15064

CORTEZ, COLORADO
CORTEZ MUNI (CEZ)

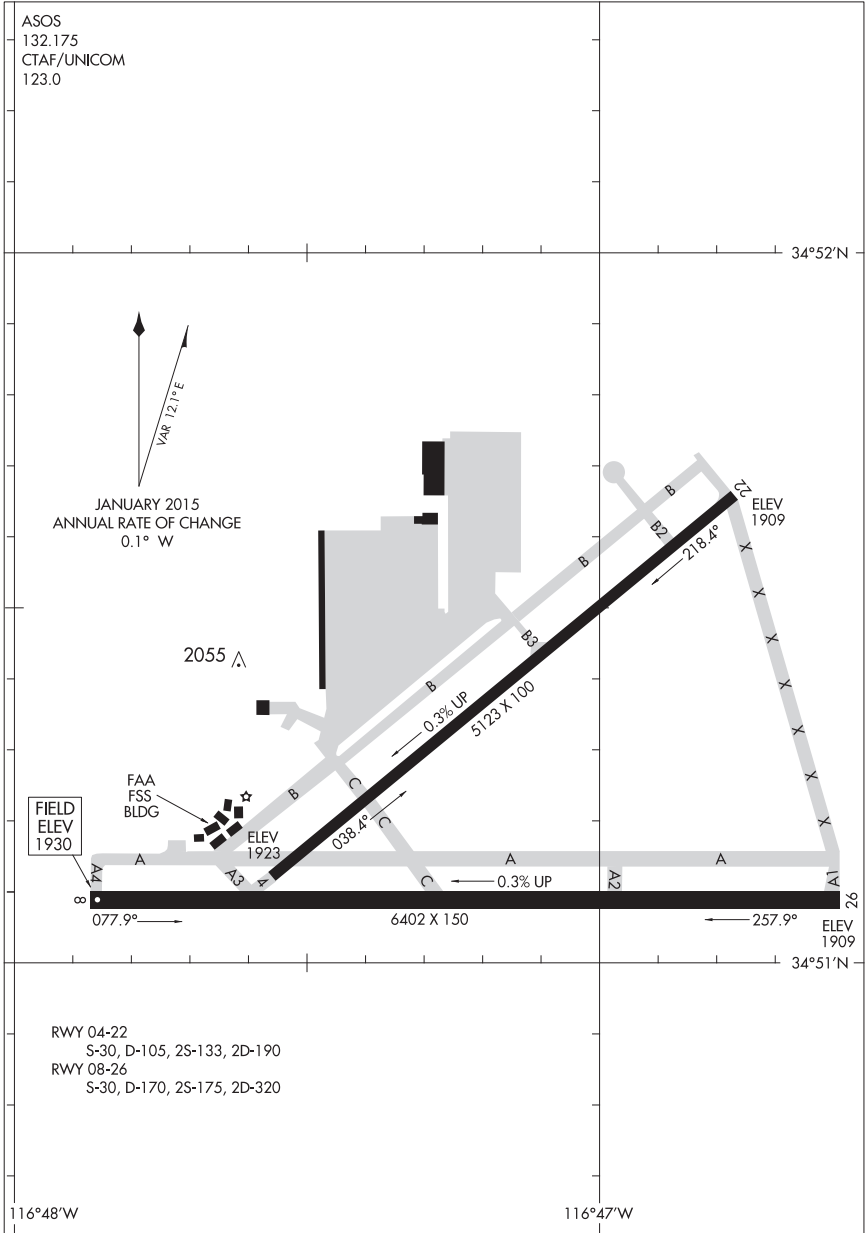
15064

AIRPORT DIAGRAM

AL-104 (FAA)

BARSTOW-DAGGETT (DAG)

DAGGETT, CALIFORNIA



AIRPORT DIAGRAM

15064

DAGGETT, CALIFORNIA
BARSTOW-DAGGETT (DAG)

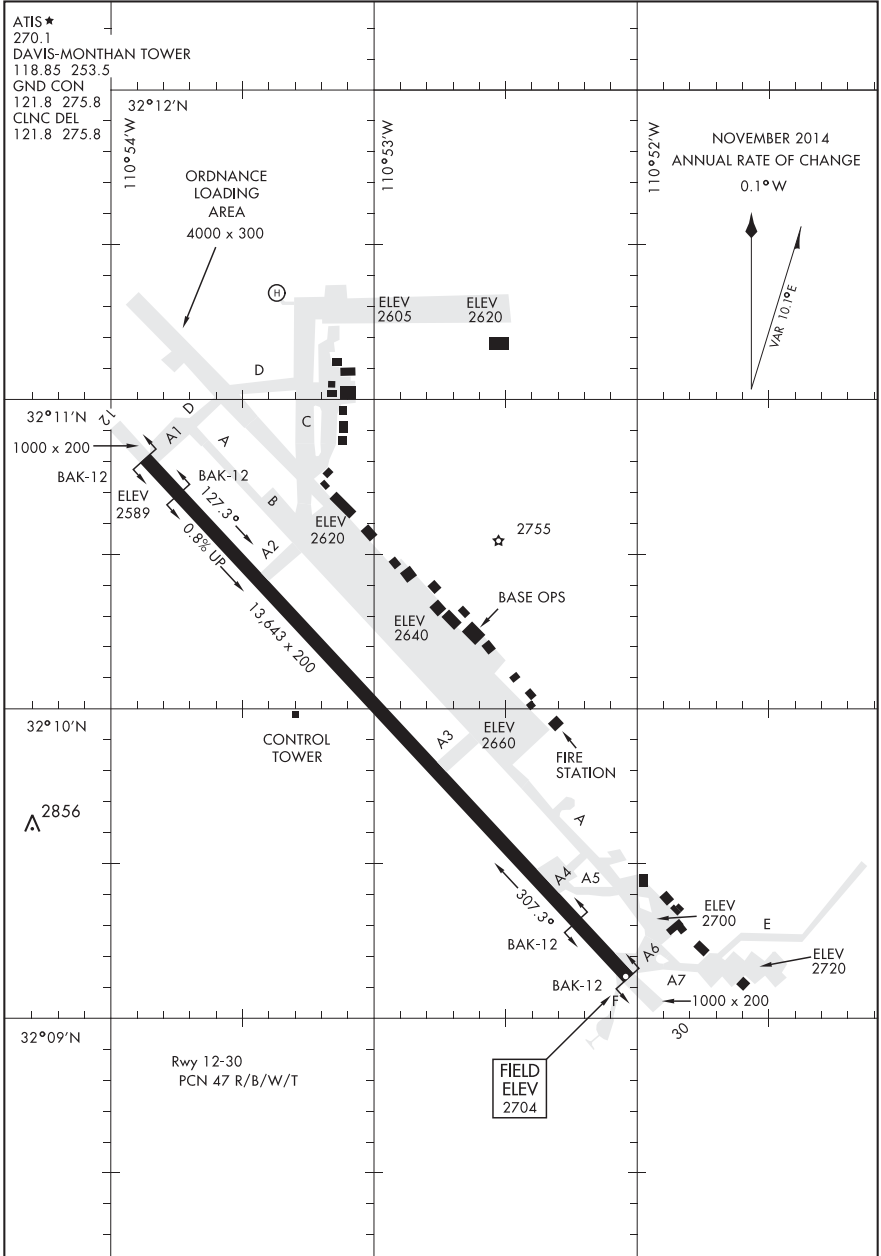
14317

DAVIS-MONTHAN AFB (KDMA)

AIRPORT DIAGRAM

AFD-429 [USAF]

TUCSON, ARIZONA



AIRPORT DIAGRAM

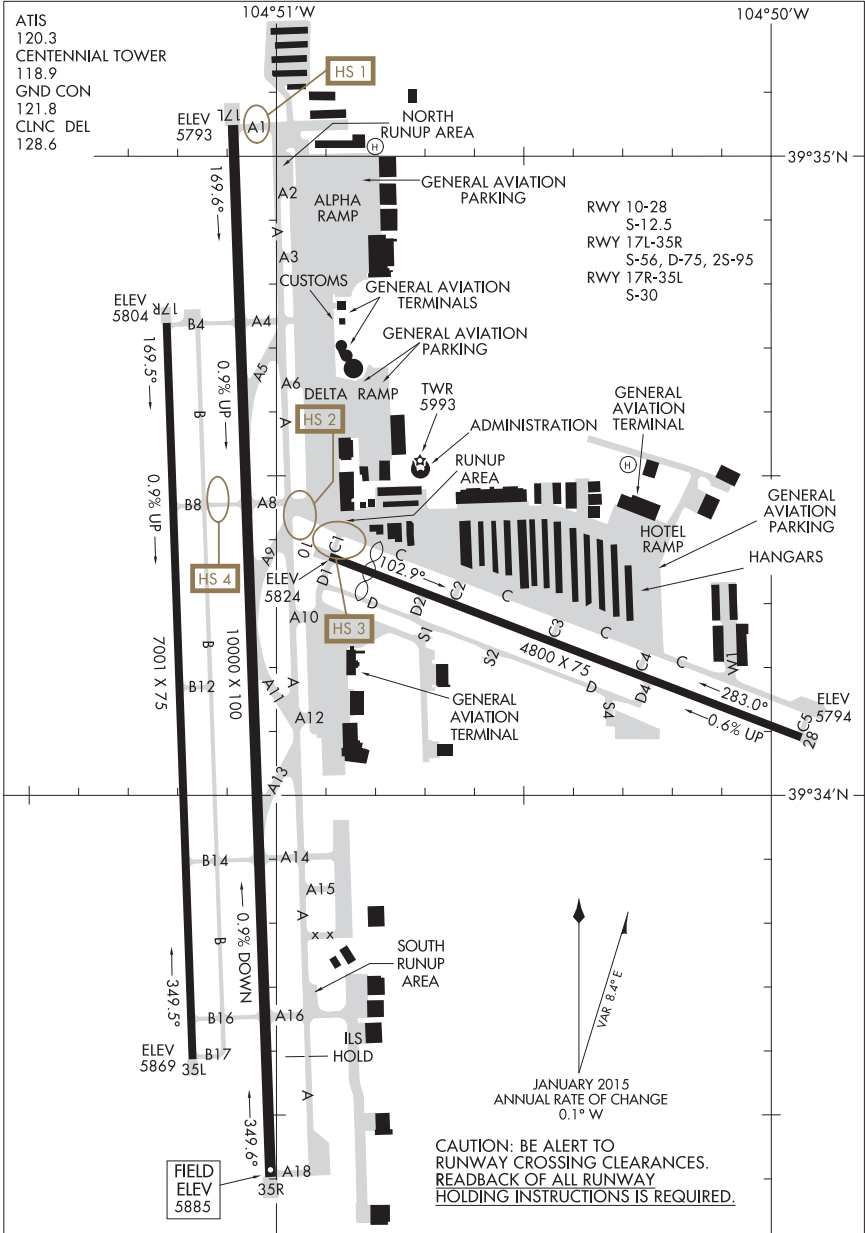
TUCSON, ARIZONA
DAVIS-MONTHAN AFB (KDMA)

17341

AIRPORT DIAGRAM

AL-5715 (FAA)

CENTENNIAL (APA)
DENVER, COLORADO



AIRPORT DIAGRAM

17341

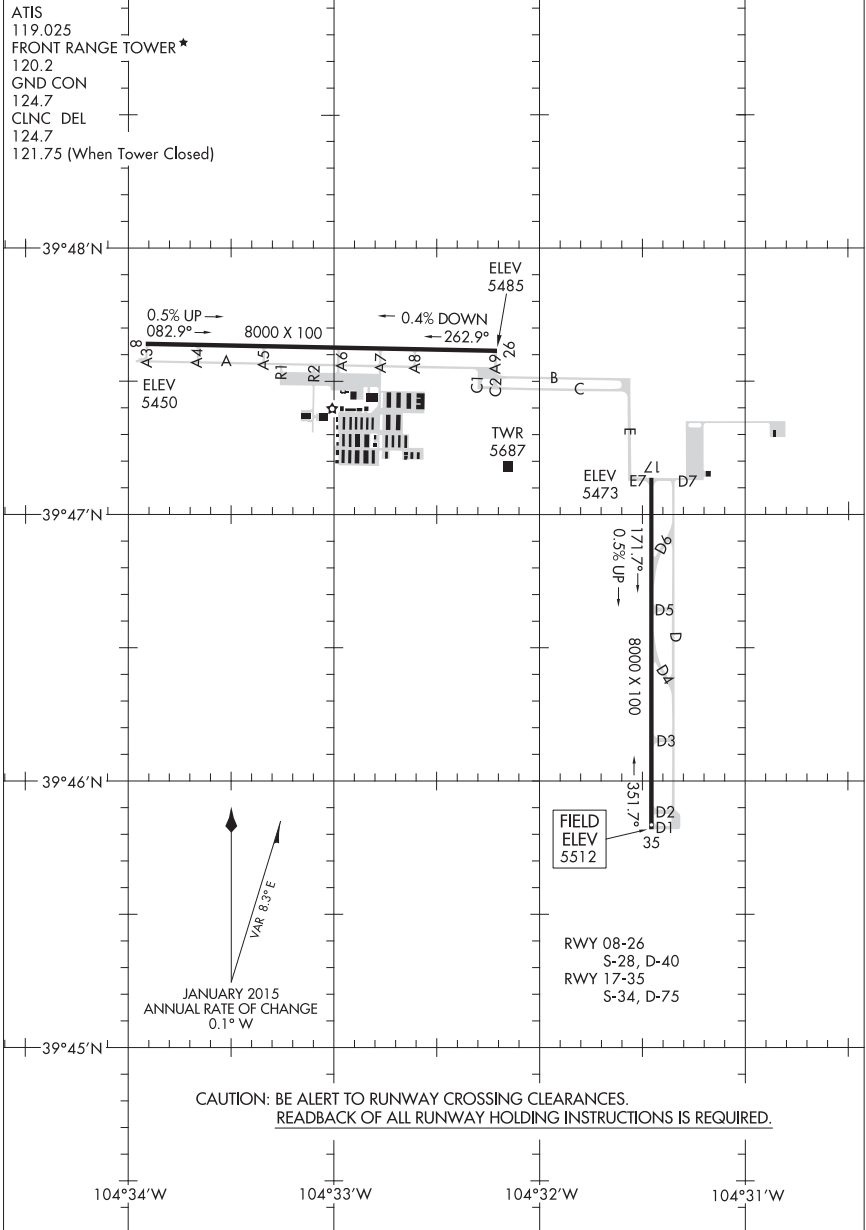
DENVER, COLORADO
CENTENNIAL (APA)

16203

AIRPORT DIAGRAM

AL-6851 (FAA)

FRONT RANGE (FTG)
DENVER, COLORADO



AIRPORT DIAGRAM

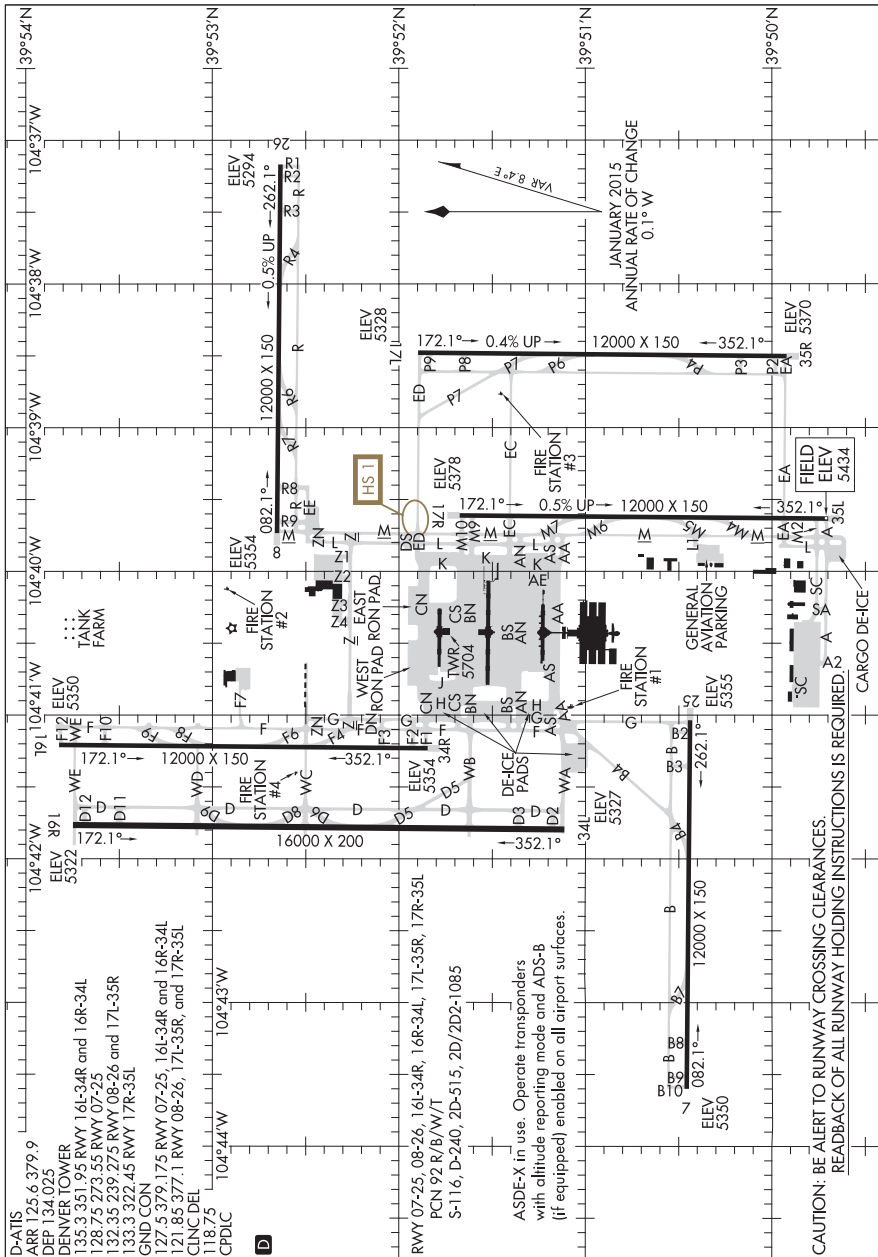
DENVER, COLORADO
FRONT RANGE (FTG)

16203

AIRPORT DIAGRAM

AL-9077 (FAA)

DENVER INTL (DEN)
DENVER, COLORADO



AIRPORT DIAGRAM

AL-9077 (FAA)

DENVER, COLORADO
DENVER INTL (DEN)

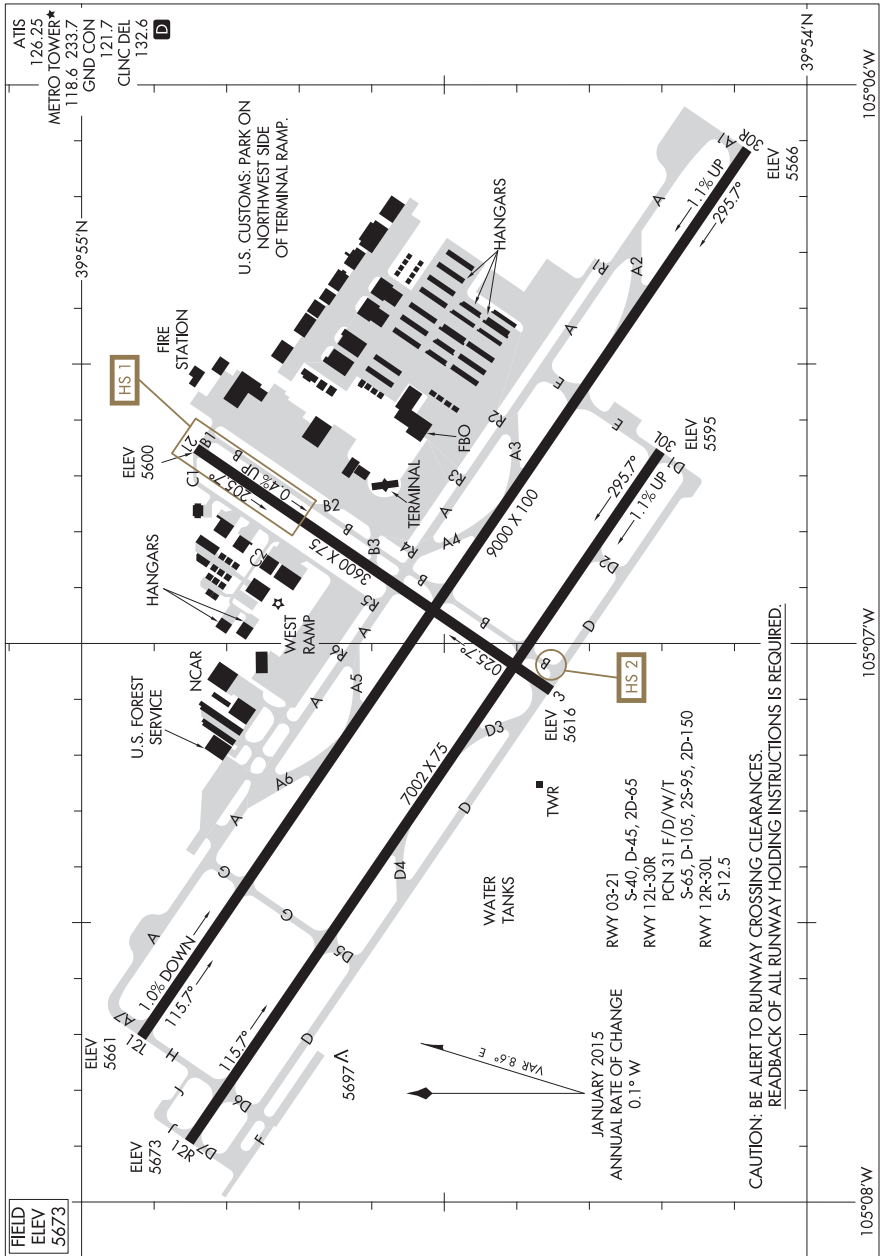
17341

17173

AIRPORT DIAGRAM

AL-5612 (FAA)

ROCKY MOUNTAIN METROPOLITAN (B.J.C)
DENVER, COLORADO



AIRPORT DIAGRAM

DENVER, COLORADO

ROCKY MOUNTAIN METROPOLITAN (B.J.C)

17173

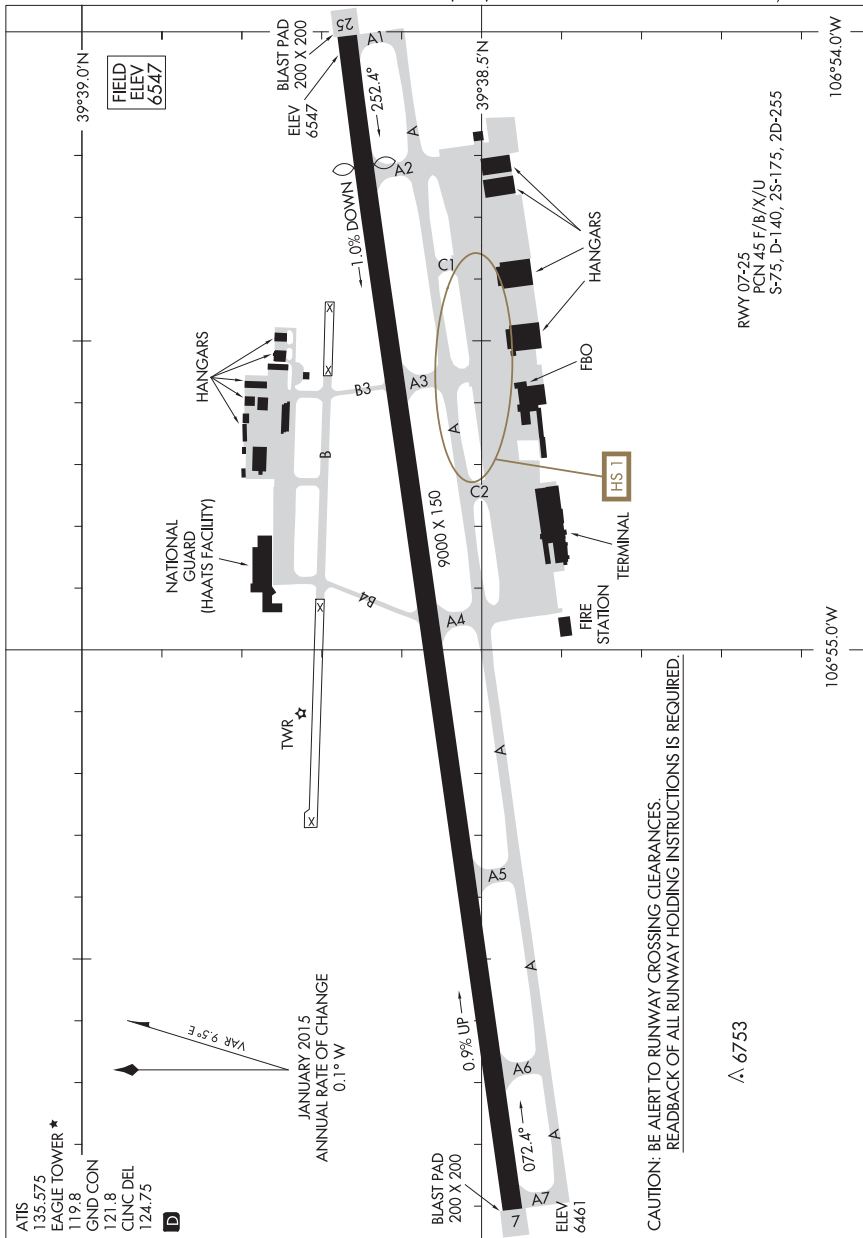
16315

AIRPORT DIAGRAM

AL-6403 (FAA)

EAGLE COUNTY RGNL (E'GE)

EAGLE, COLORADO



AIRPORT DIAGRAM

16315

EAGLE, COLORADO

EAGLE COUNTY RGNL (E'GE)

16315

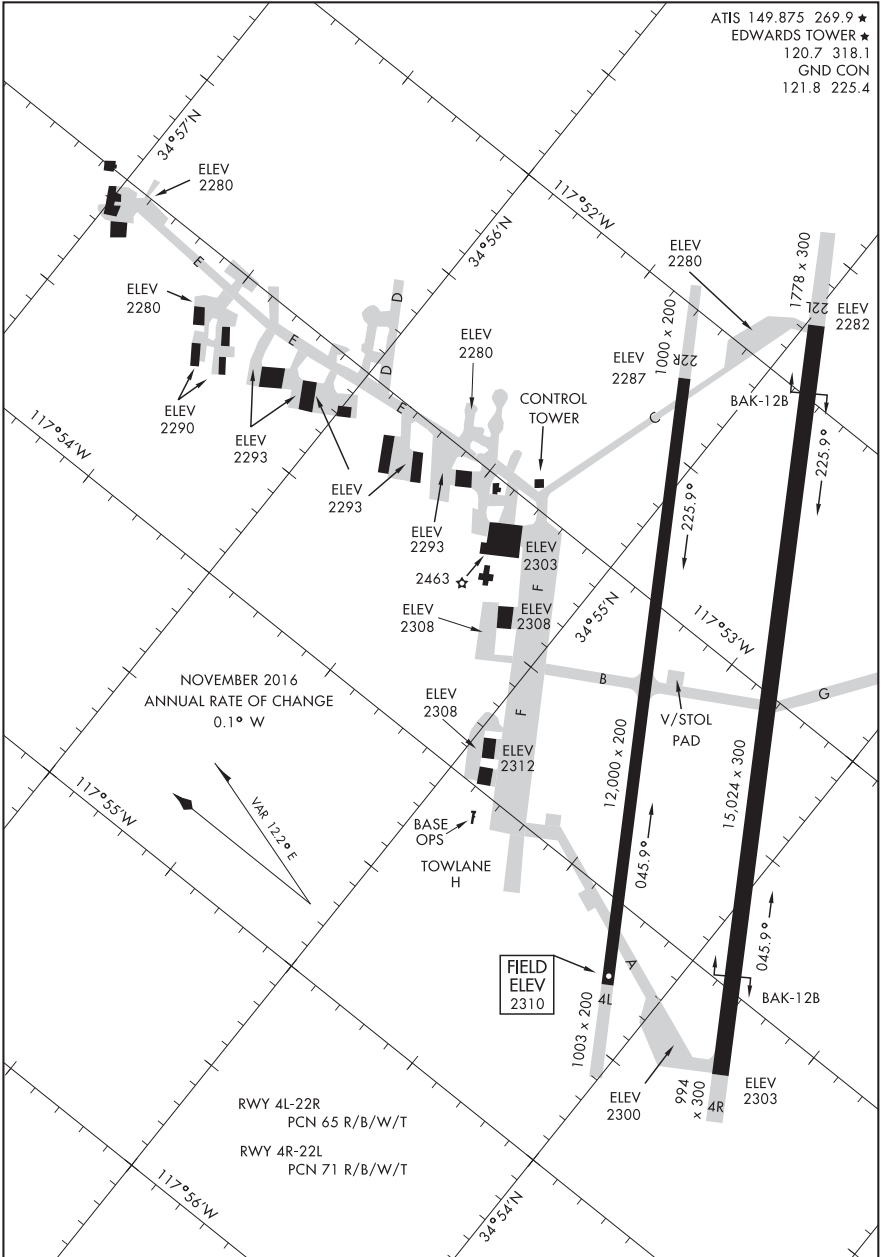
EDWARDS AFB (KEDW)

AIRPORT DIAGRAM

AFD-500 [USAF]

EDWARDS, CALIFORNIA

ATIS 149.875 269.9 ★
 EDWARDS TOWER ★
 120.7 318.1
 GND CON
 121.8 225.4



AIRPORT DIAGRAM

EDWARDS, CALIFORNIA

EDWARDS AFB (KEDW)

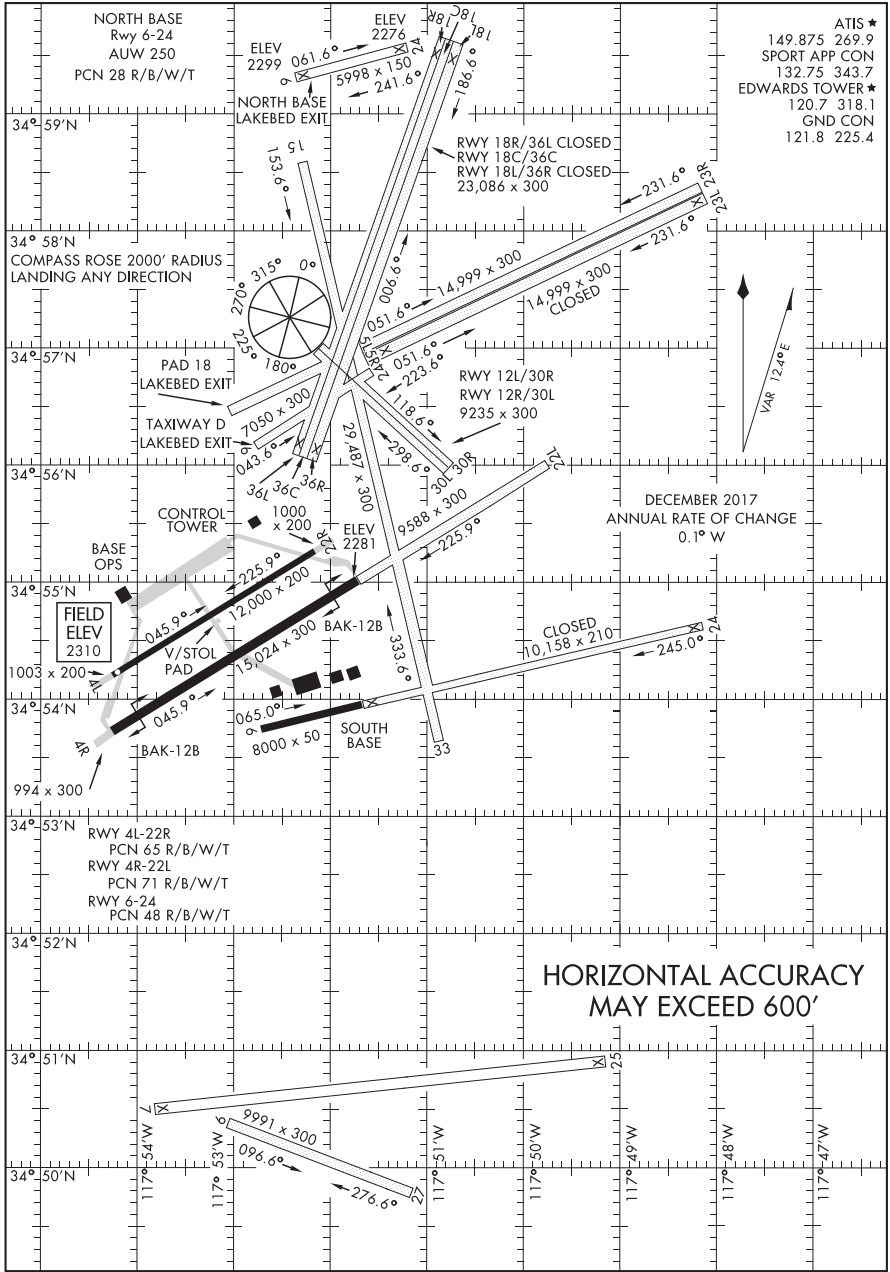
17341

EDWARDS/ROGERS LAKEBED (KEDW)

AIRPORT DIAGRAM

AFD-500 [USAF]

EDWARDS, CALIFORNIA



AIRPORT DIAGRAM

EDWARDS, CALIFORNIA

EDWARDS/ROGERS LAKEBED (KEDW)

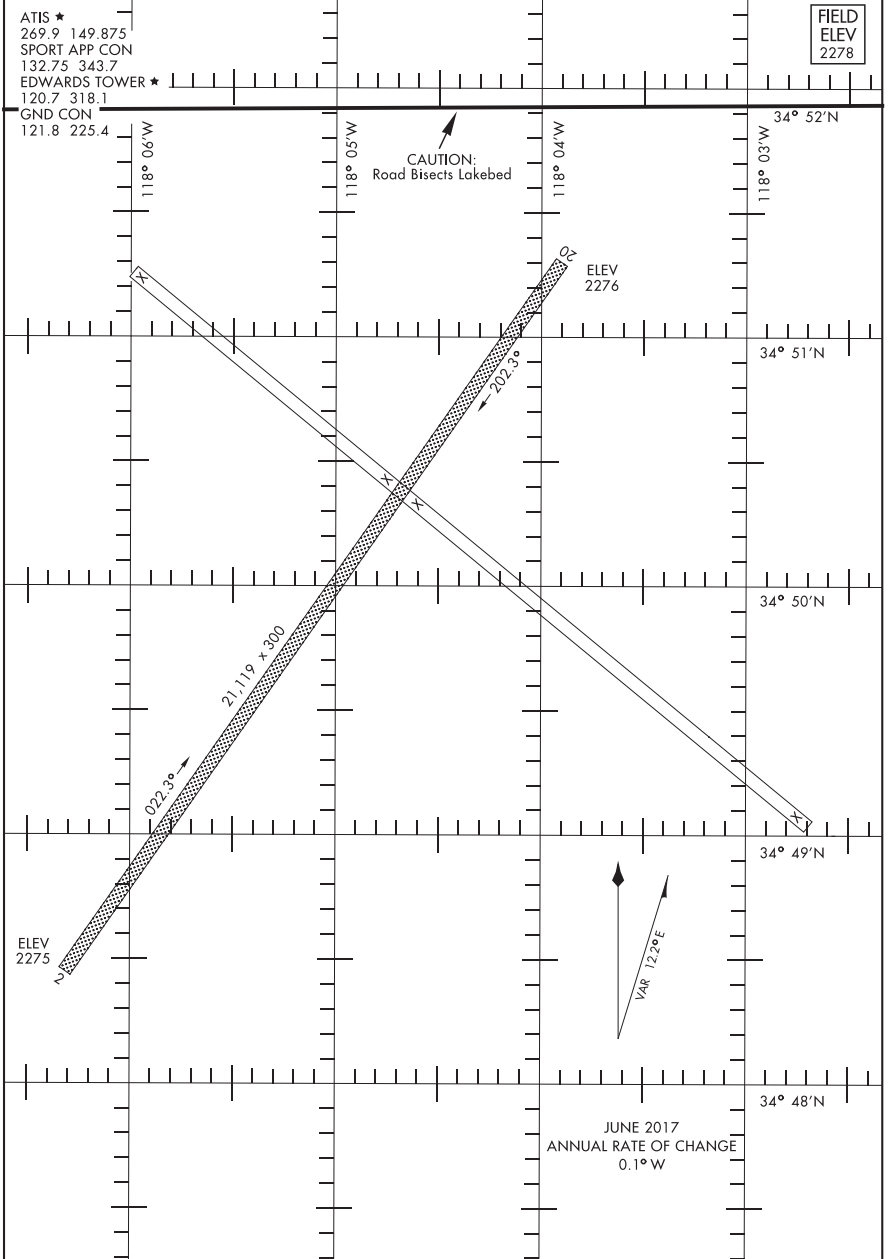
17173

EDWARDS/ROSAMOND LAKEBED (KEDW)

AIRPORT DIAGRAM

AFD-500 [USAF]

EDWARDS, CALIFORNIA



AIRPORT DIAGRAM

EDWARDS, CALIFORNIA
EDWARDS/ROSAMOND LAKEBED (KEDW)

11125

EL CENTRO NAF (KNJK)

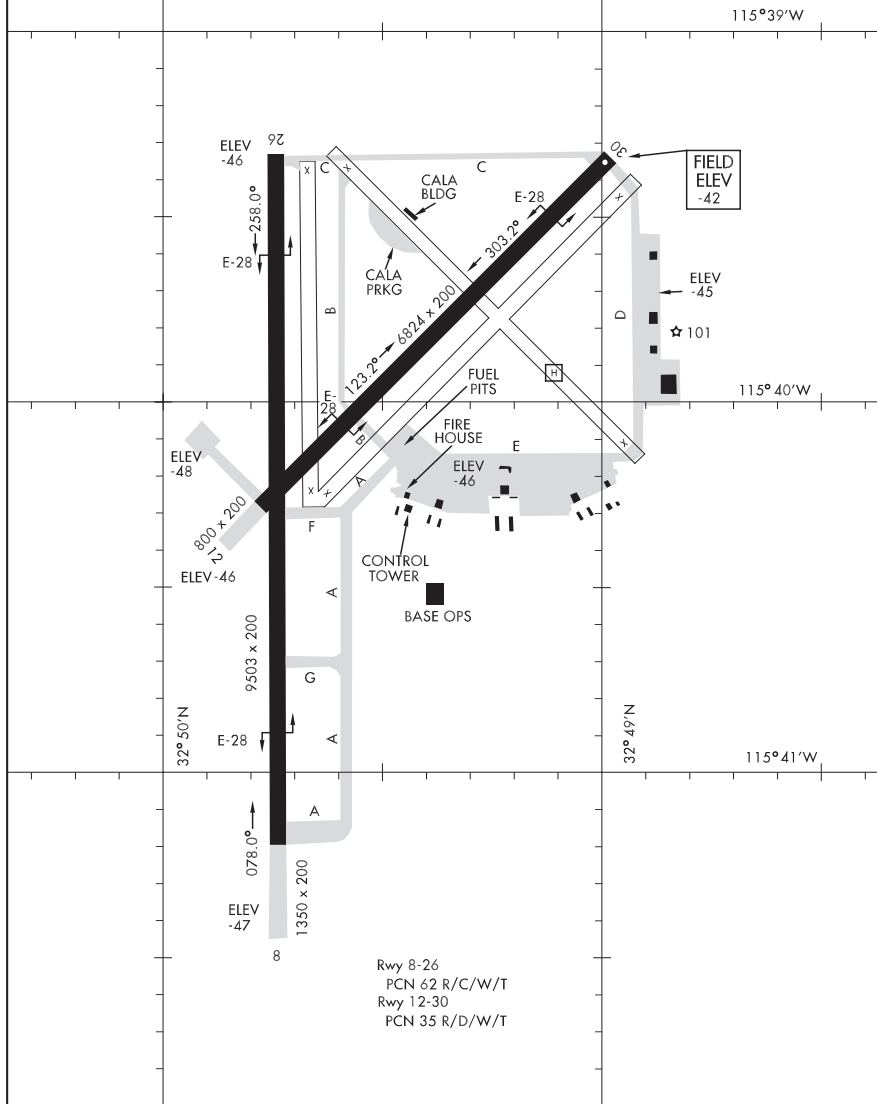
AIRPORT DIAGRAM

AFD-472 [USN]

EL CENTRO, CALIFORNIA

ATIS ★ 269.275
 EL CENTRO TOWER ★
 119.1 360.2
 GND CON
 121.9 254.35
 METRO 348.3
 CLNC DEL
 340.2

VAR 11.9°E
 MAY 2011
 ANNUAL RATE OF CHANGE
 0.1°W



AIRPORT DIAGRAM

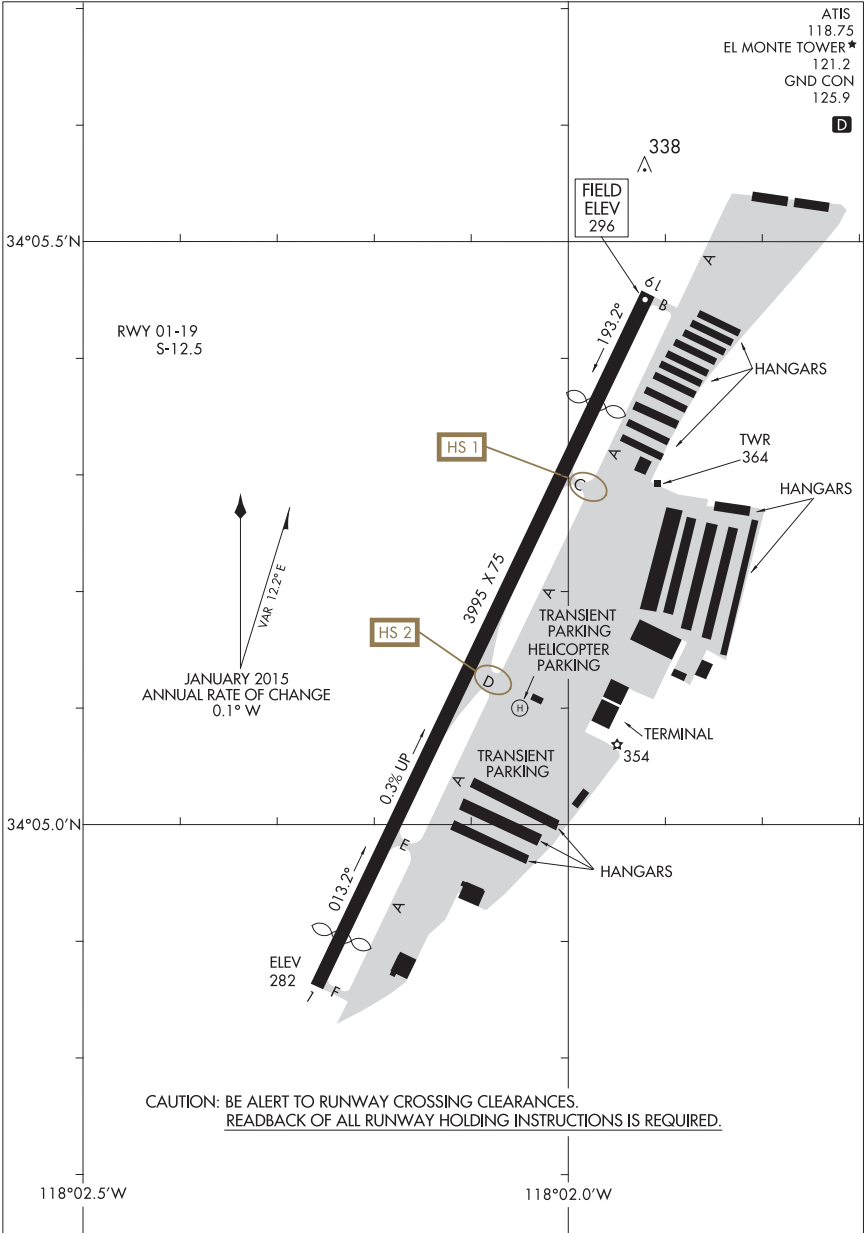
EL CENTRO, CALIFORNIA
 EL CENTRO NAF (KNJK)

16259

AIRPORT DIAGRAM

AL-5639 (FAA)

SAN GABRIEL VALLEY (E.M.T)
EL MONTE, CALIFORNIA



AIRPORT DIAGRAM

16259

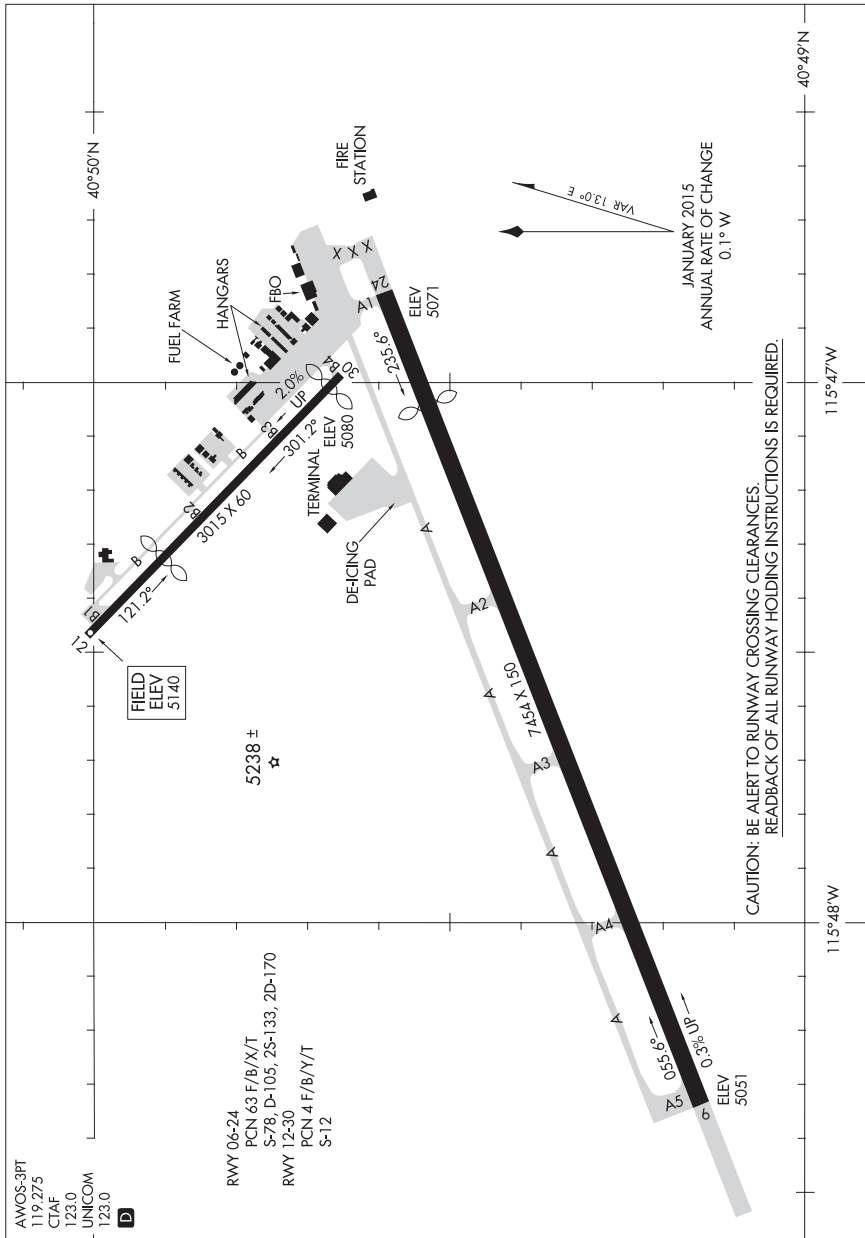
EL MONTE, CALIFORNIA
SAN GABRIEL VALLEY (E.M.T)

17229

AIRPORT DIAGRAM

AL-129 (FAA)

ELKO RGNL (EKO)
ELKO, NEVADA



AIRPORT DIAGRAM

17229

ELKO, NEVADA
ELKO RGNL (EKO)

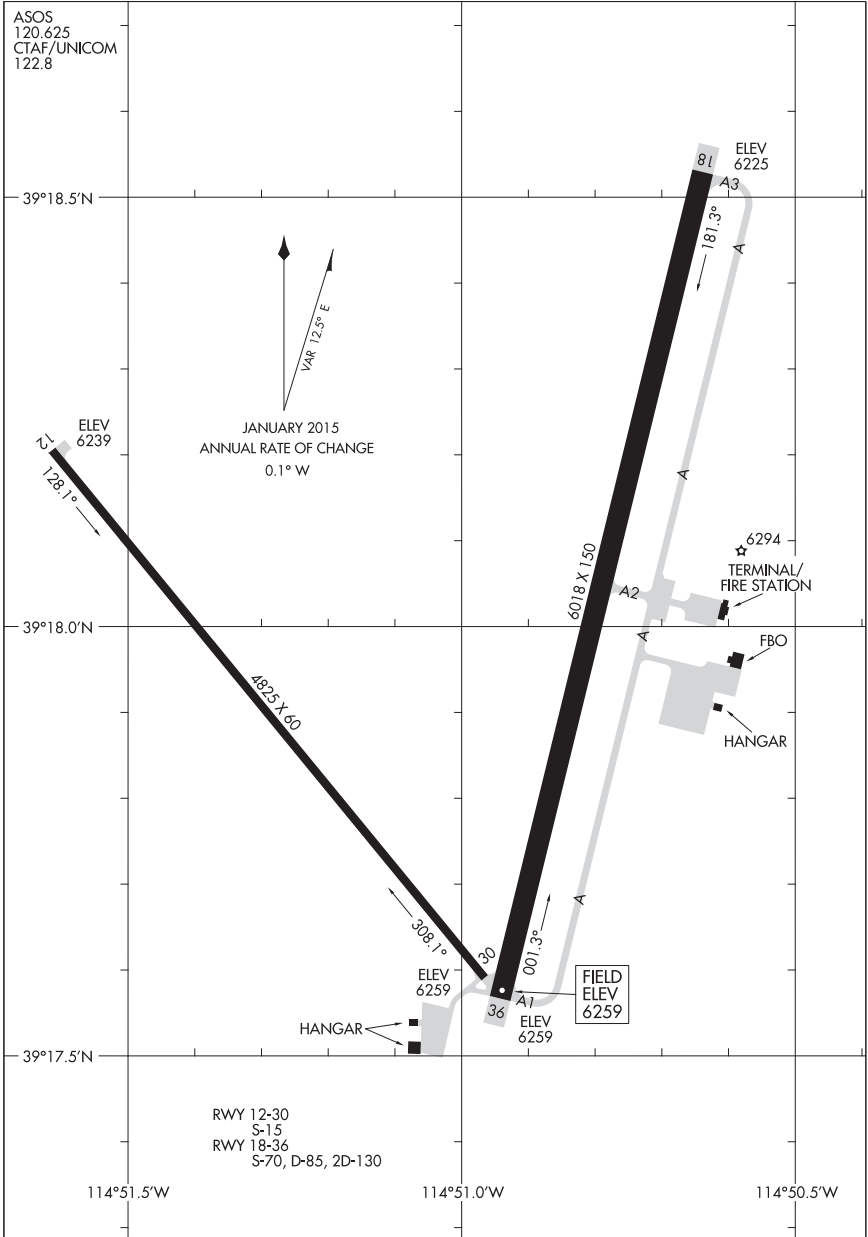
16147

AIRPORT DIAGRAM

AL-5163 (FAA)

ELY ARPT-YELLAND FLD (ELY)

ELY, NEVADA



AIRPORT DIAGRAM

ELY, NEVADA

16147

ELY ARPT-YELLAND FLD (ELY)

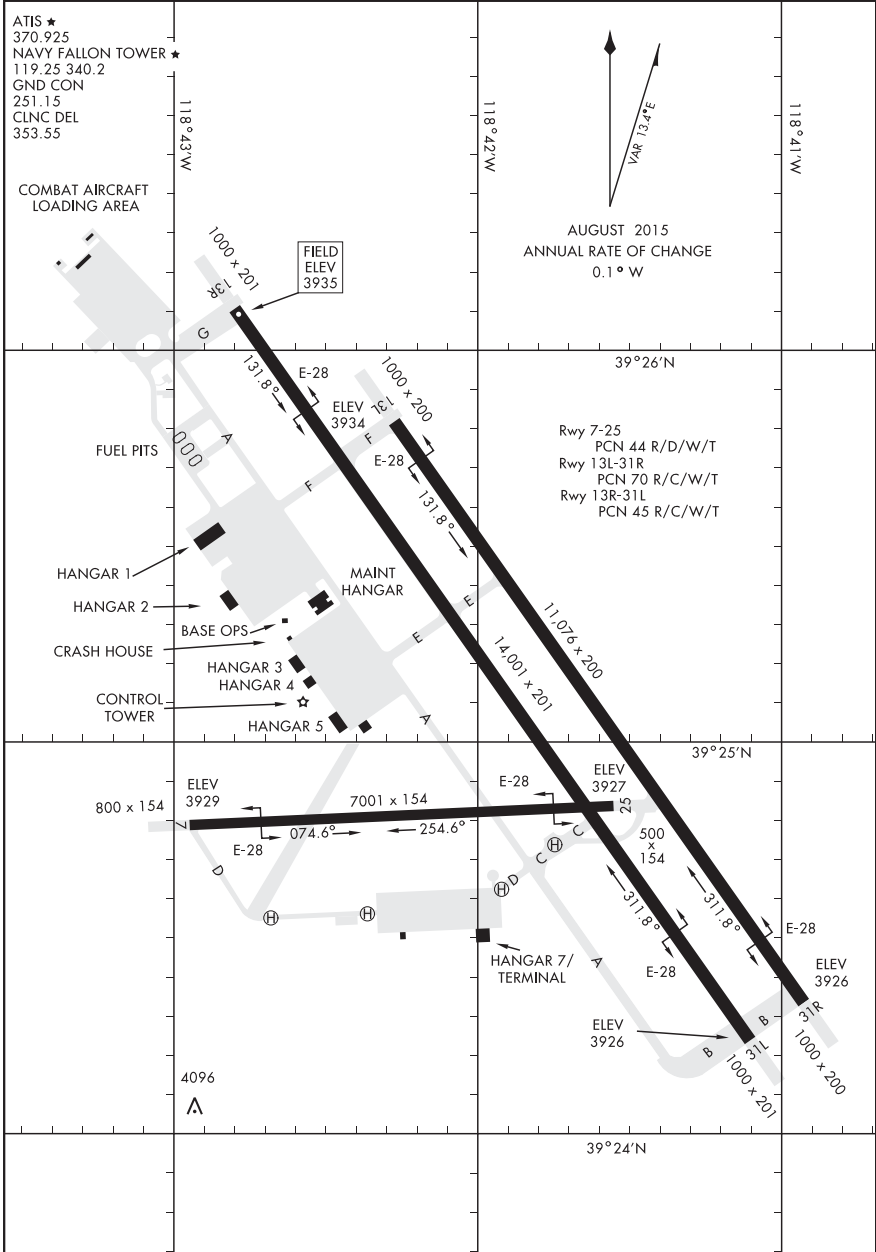
15232

FALLON NAS (VAN VOORHIS FLD) (KNFL)

AIRPORT DIAGRAM

AFD-143 [USN]

FALLON, NEVADA



AIRPORT DIAGRAM

FALLON, NEVADA

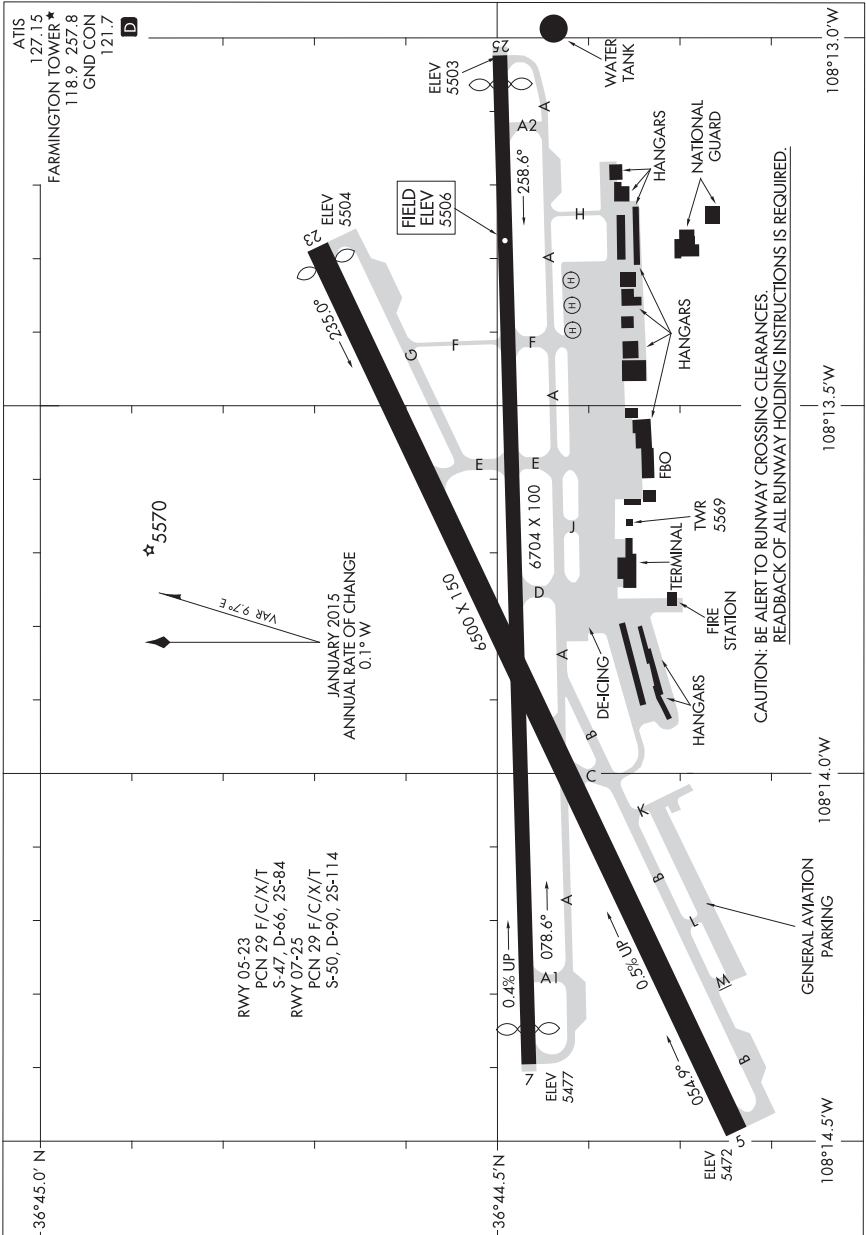
FALLON NAS (VAN VOORHIS FLD) (KNFL)

16259

AIRPORT DIAGRAM

AL-493 (FAA)

FOUR CORNERS RGNL (F'MN)
FARMINGTON, NEW MEXICO



AIRPORT DIAGRAM

16259

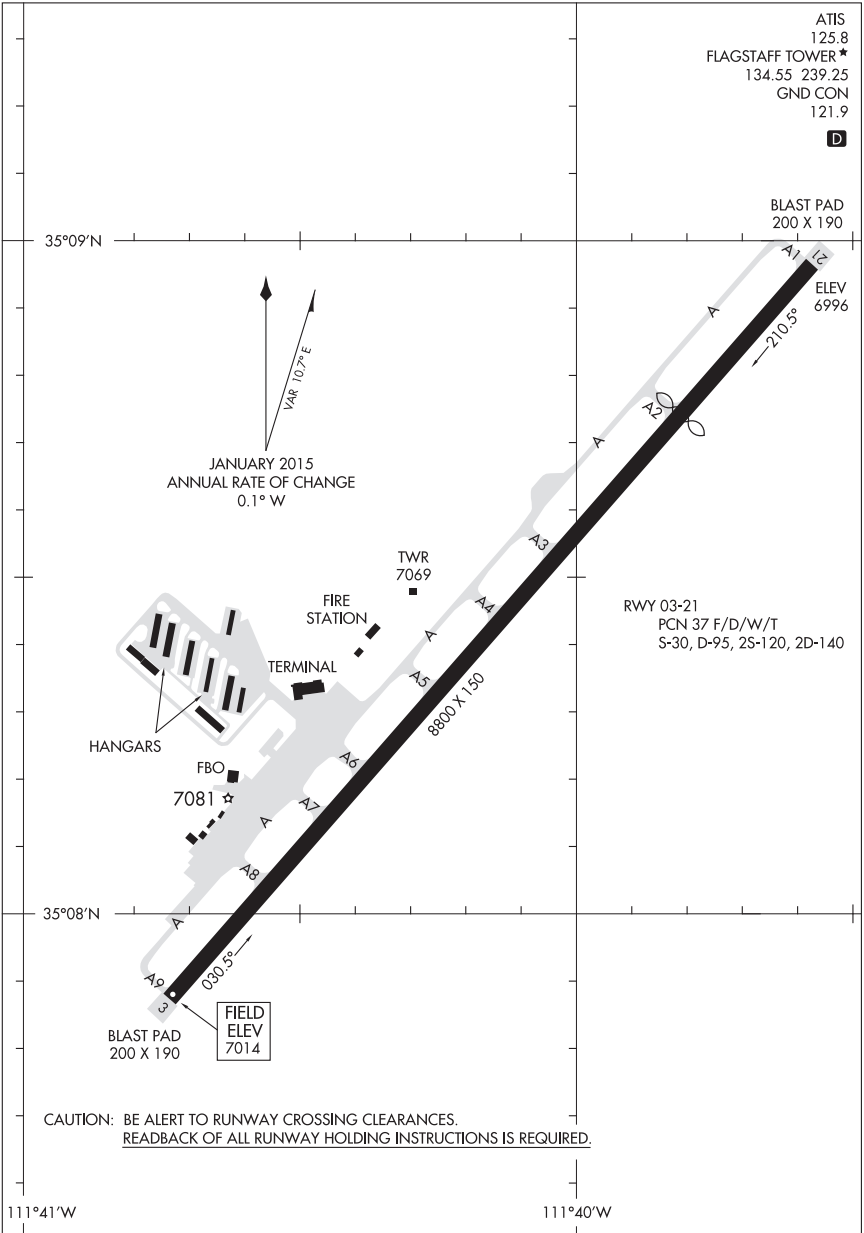
FARMINGTON, NEW MEXICO
FOUR CORNERS RGNL (F'MN)

15288

AIRPORT DIAGRAM

AL-5034 (FAA)

FLAGSTAFF PULLIAM (F'L G)
FLAGSTAFF, ARIZONA



AIRPORT DIAGRAM

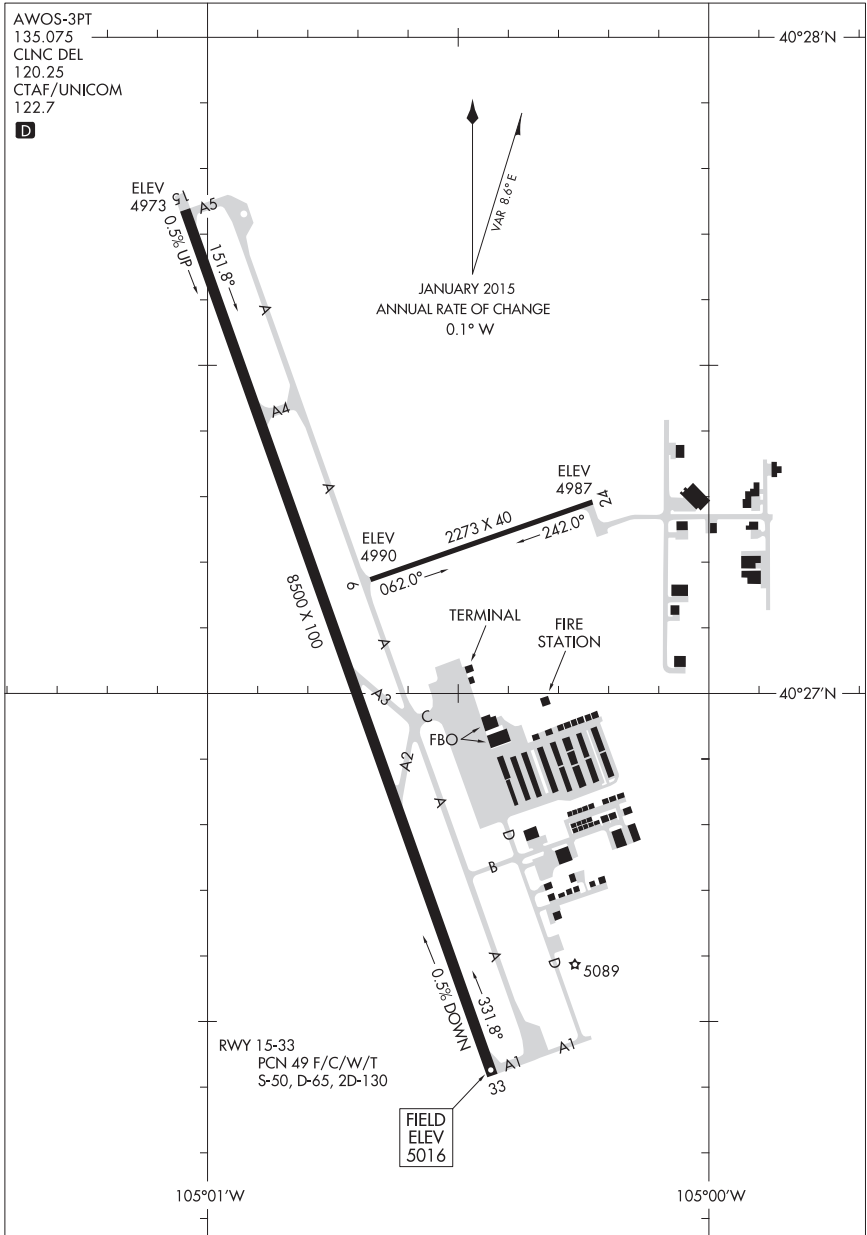
15288

FLAGSTAFF, ARIZONA
FLAGSTAFF PULLIAM (F'L G)

18032

AIRPORT DIAGRAM

NORTHERN COLORADO RGNL (F'NL)
AL-5677 (FAA) FORT COLLINS/LOVELAND, COLORADO



AIRPORT DIAGRAM

FORT COLLINS/LOVELAND, COLORADO
NORTHERN COLORADO RGNL (F'NL)

18032

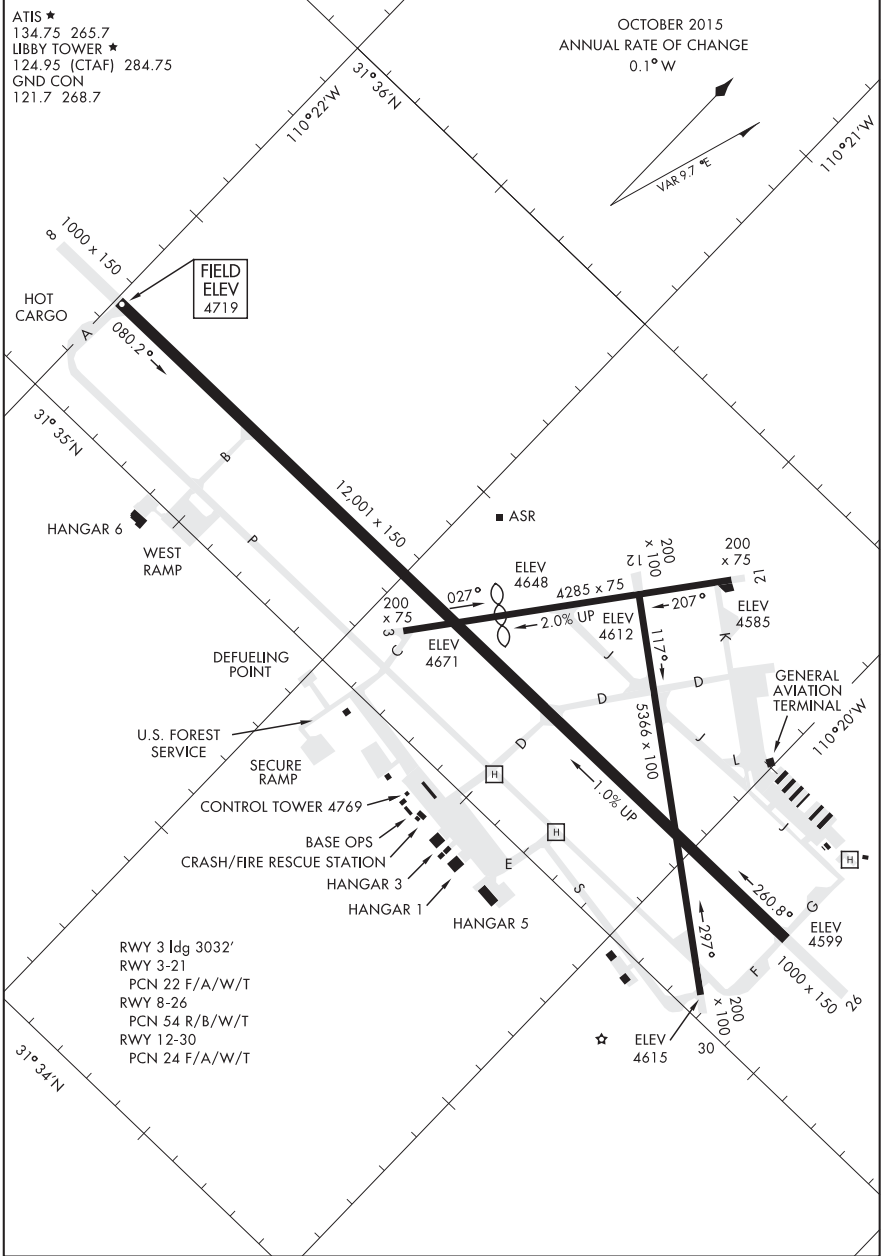
15288

FORT HUACHUCA-SIERRA VISTA/SIERRA VISTA MUNI-LIBBY AAF (KFHU)

AIRPORT DIAGRAM

AFD-5081 [USA]

FORT HUACHUCA/SIERRA VISTA, ARIZONA



AIRPORT DIAGRAM

FORT HUACHUCA/SIERRA VISTA, ARIZONA

FORT HUACHUCA-SIERRA VISTA/SIERRA VISTA MUNI-LIBBY AAF (KFHU)

15064

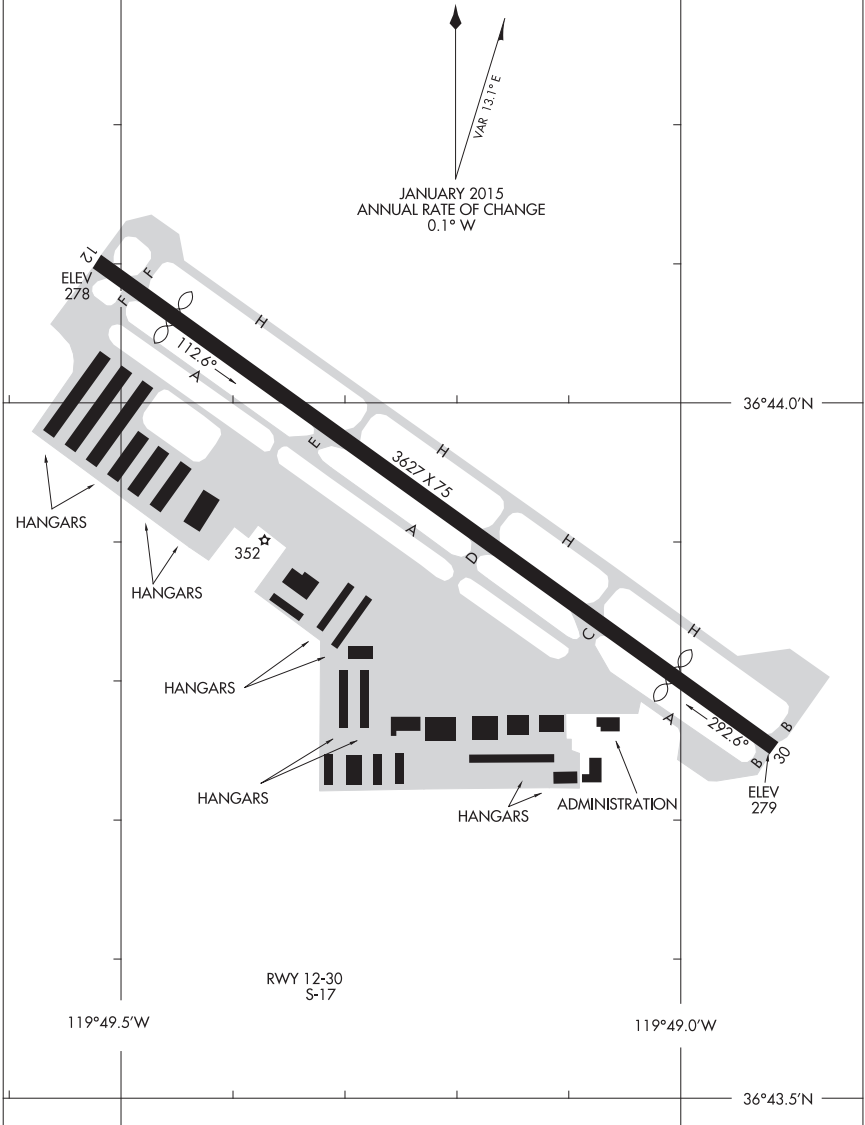
AIRPORT DIAGRAM

AL-161 (FAA)

FRESNO CHANDLER EXECUTIVE (FCH)
FRESNO, CALIFORNIA

AWOS-3
135.225
CTAF/UNICOM
123.0

FIELD
ELEV
280



AIRPORT DIAGRAM

15064

FRESNO, CALIFORNIA
FRESNO CHANDLER EXECUTIVE (FCH)

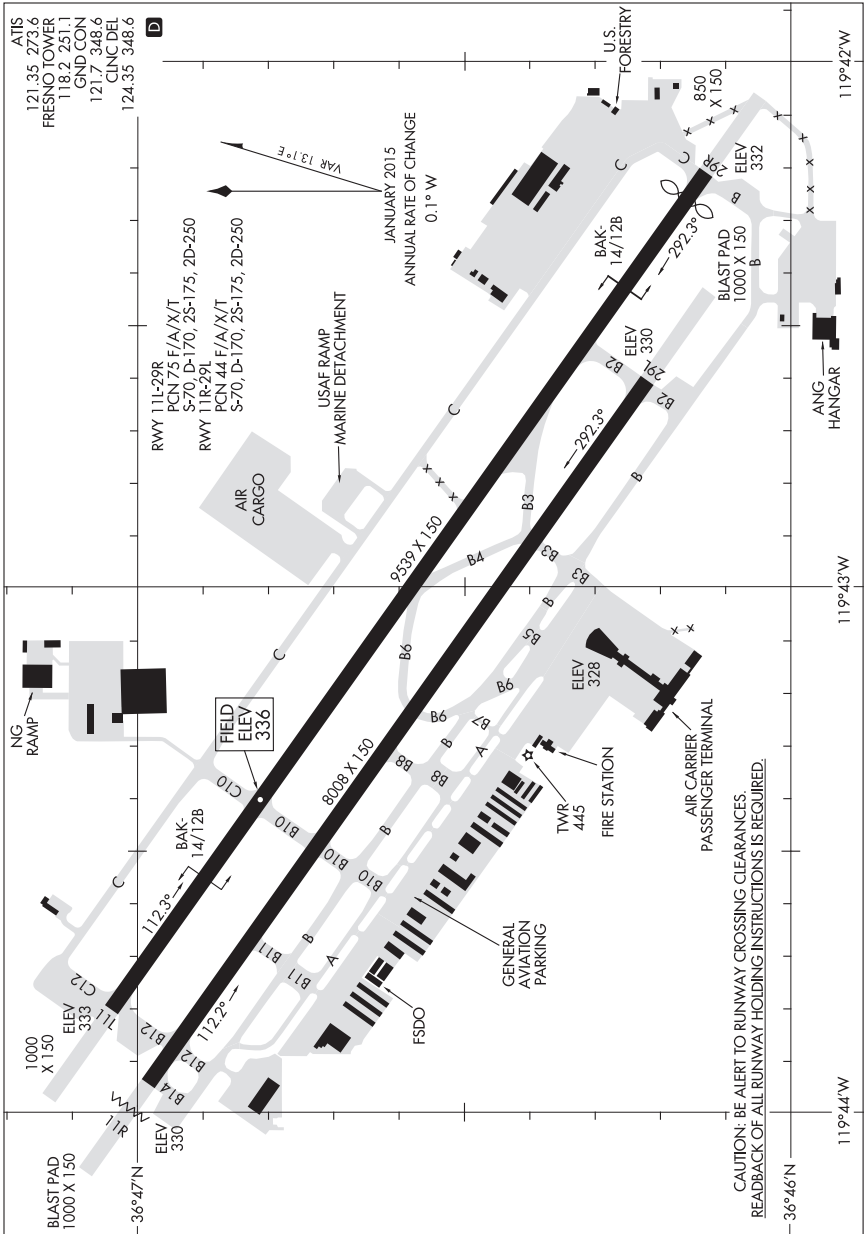
16035

AIRPORT DIAGRAM

AL-162 (FAA)

FRESNO YOSEMITE INTL (FAT)

FRESNO, CALIFORNIA



AIRPORT DIAGRAM

16035

FRESNO, CALIFORNIA

FRESNO YOSEMITE INTL (FAT)

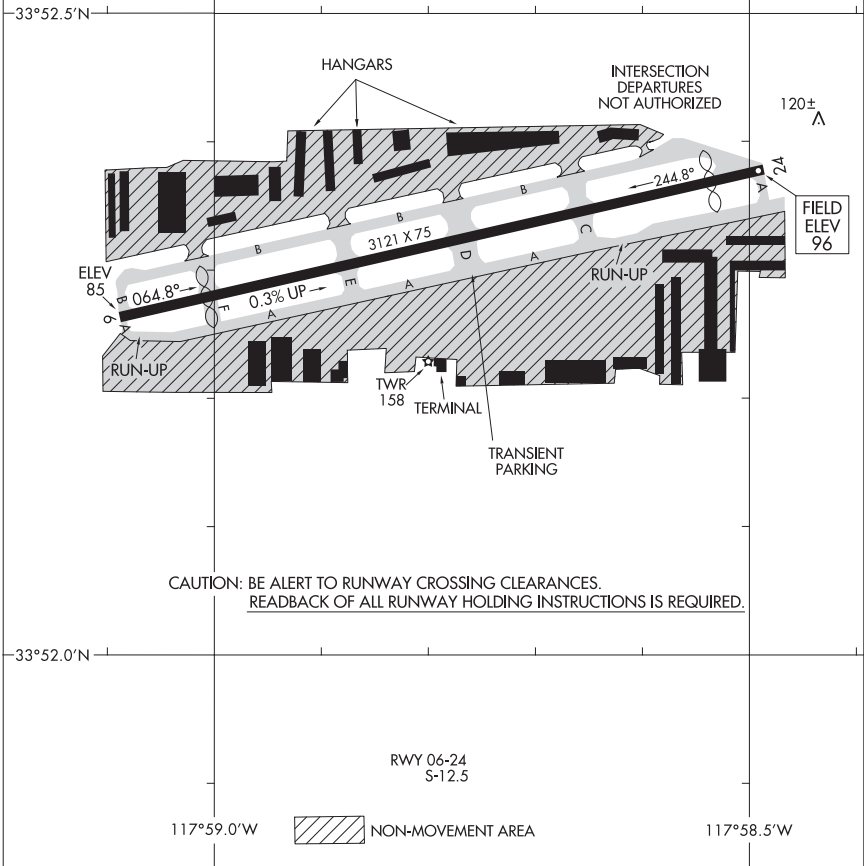
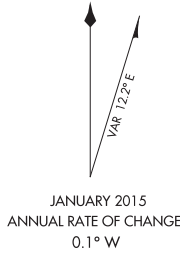
17341

AIRPORT DIAGRAM

AL-5136 (FAA)

FULLERTON MUNI (FUL)
FULLERTON, CALIFORNIA

ATIS
125.05
FULLERTON TOWER ★
119.1
GND CON
121.8



AIRPORT DIAGRAM

17341

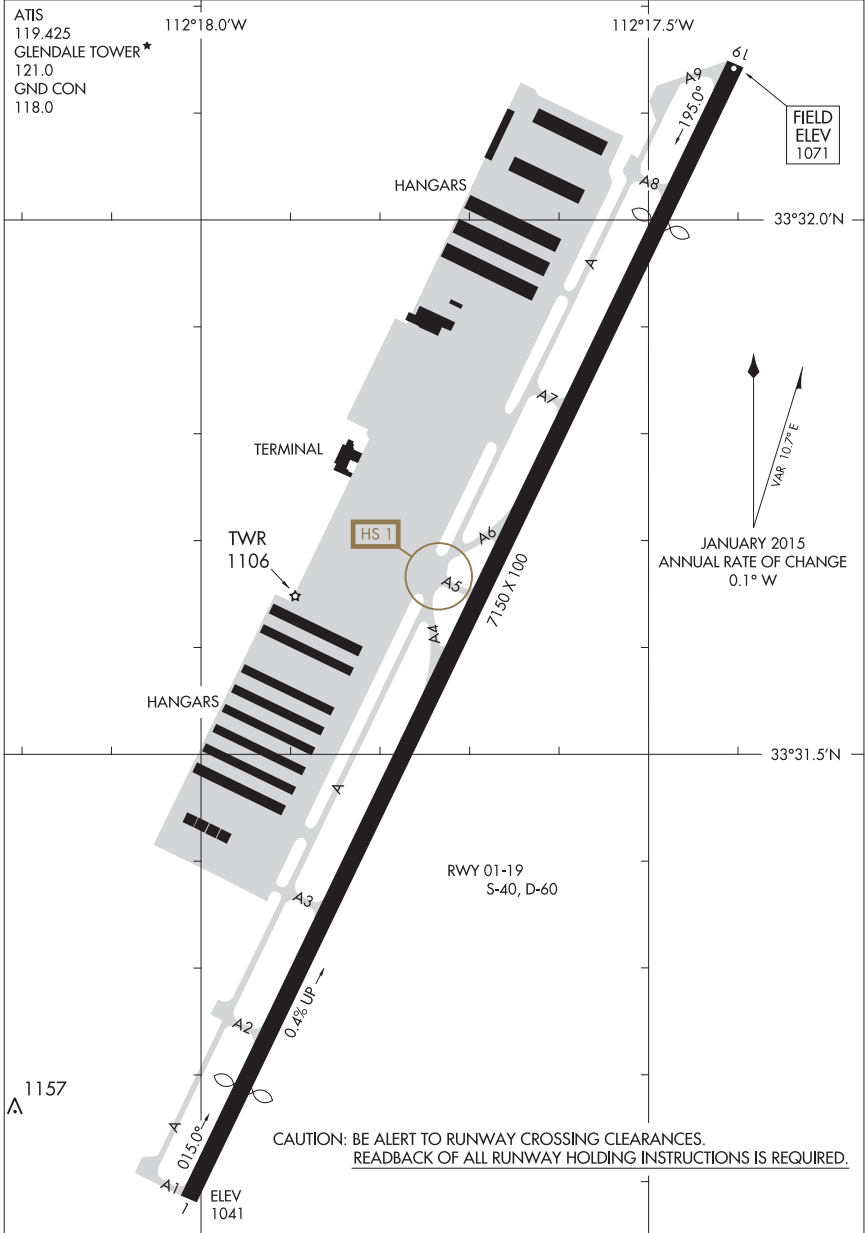
FULLERTON, CALIFORNIA
FULLERTON MUNI (FUL)

15064

AIRPORT DIAGRAM

AL-6915 (FAA)

GLENDALE MUNI (GEU)
GLENDALE, ARIZONA



AIRPORT DIAGRAM

15064

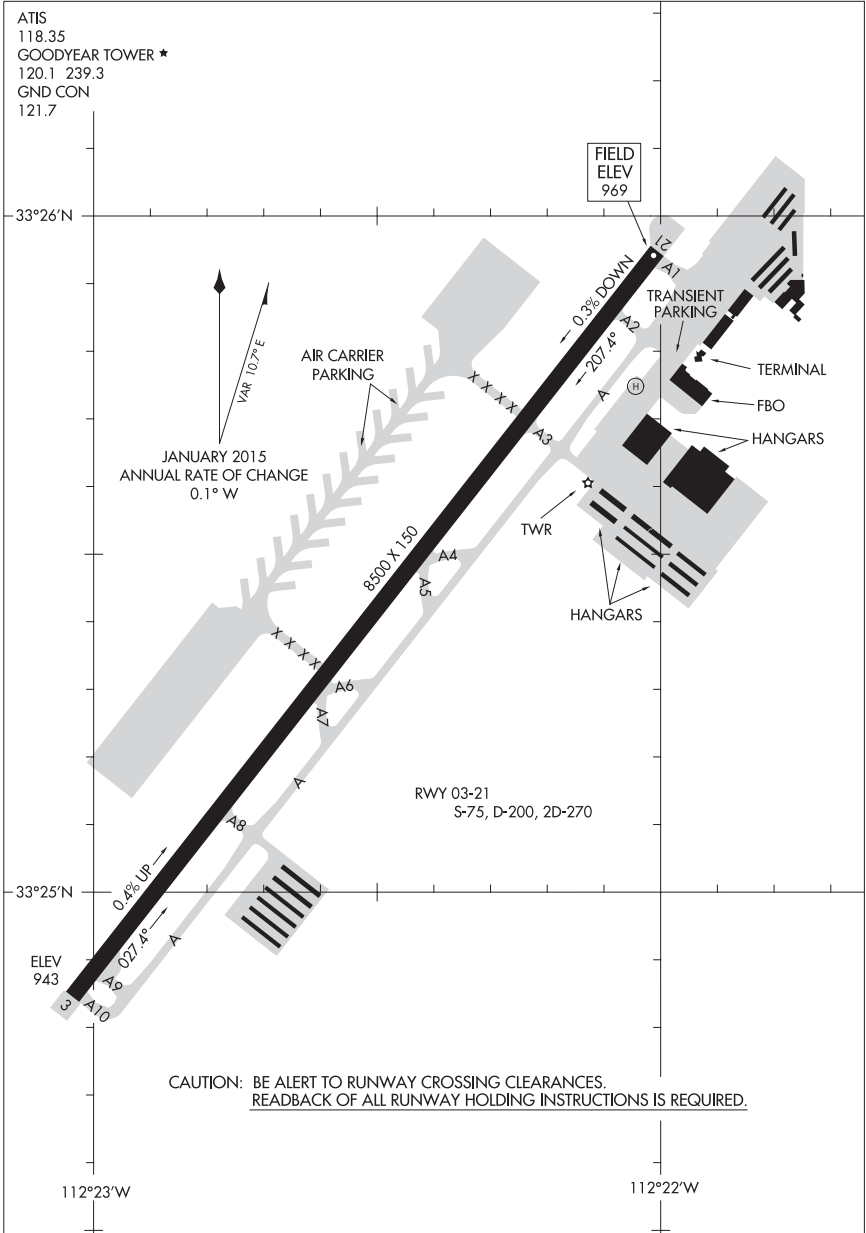
GLENDALE, ARIZONA
GLENDALE MUNI (GEU)

17229

AIRPORT DIAGRAM

AL-6648 (FAA)

PHOENIX GOODYEAR (GYR)
GOODYEAR, ARIZONA



AIRPORT DIAGRAM

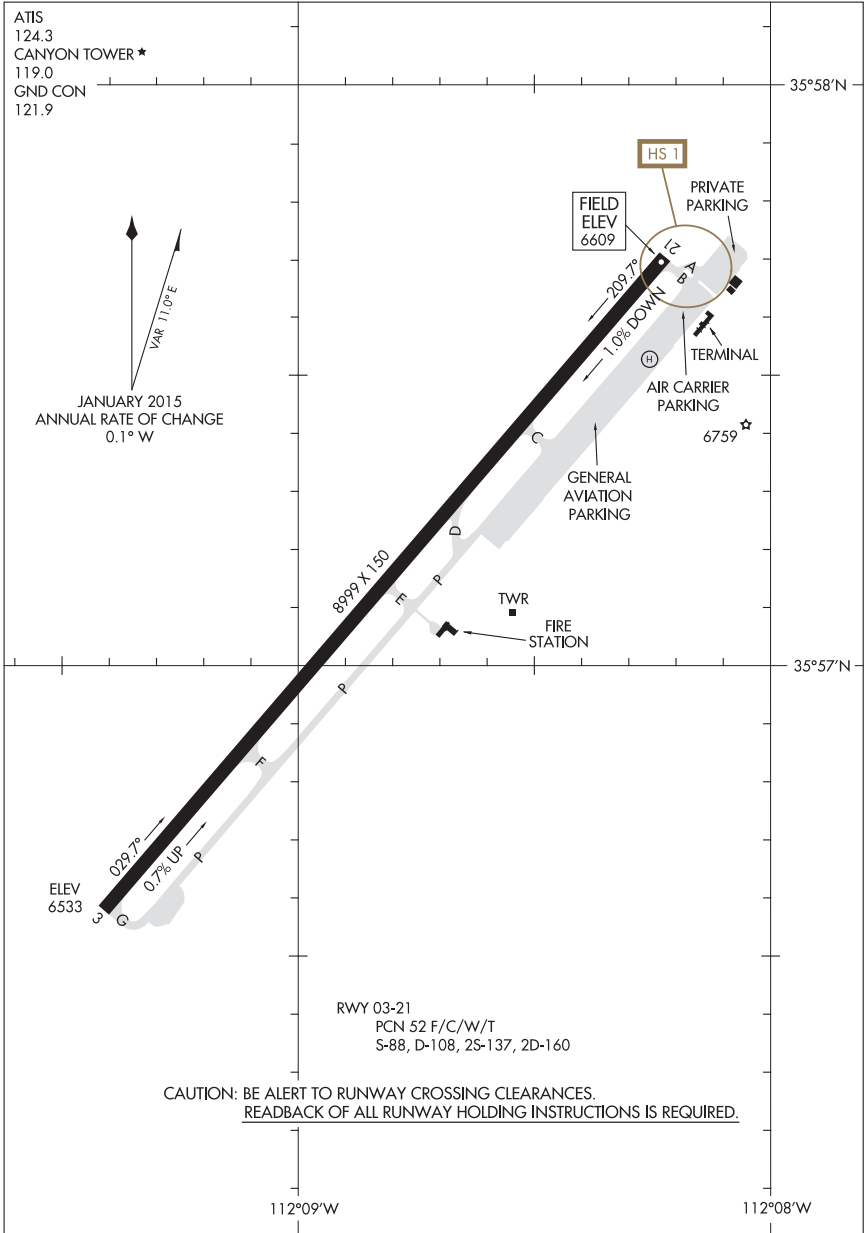
17229

GOODYEAR, ARIZONA
PHOENIX GOODYEAR (GYR)

15288

AIRPORT DIAGRAM

AL-5381 (FAA) GRAND CANYON NATIONAL PARK (GCN)
GRAND CANYON, ARIZONA



AIRPORT DIAGRAM

15288

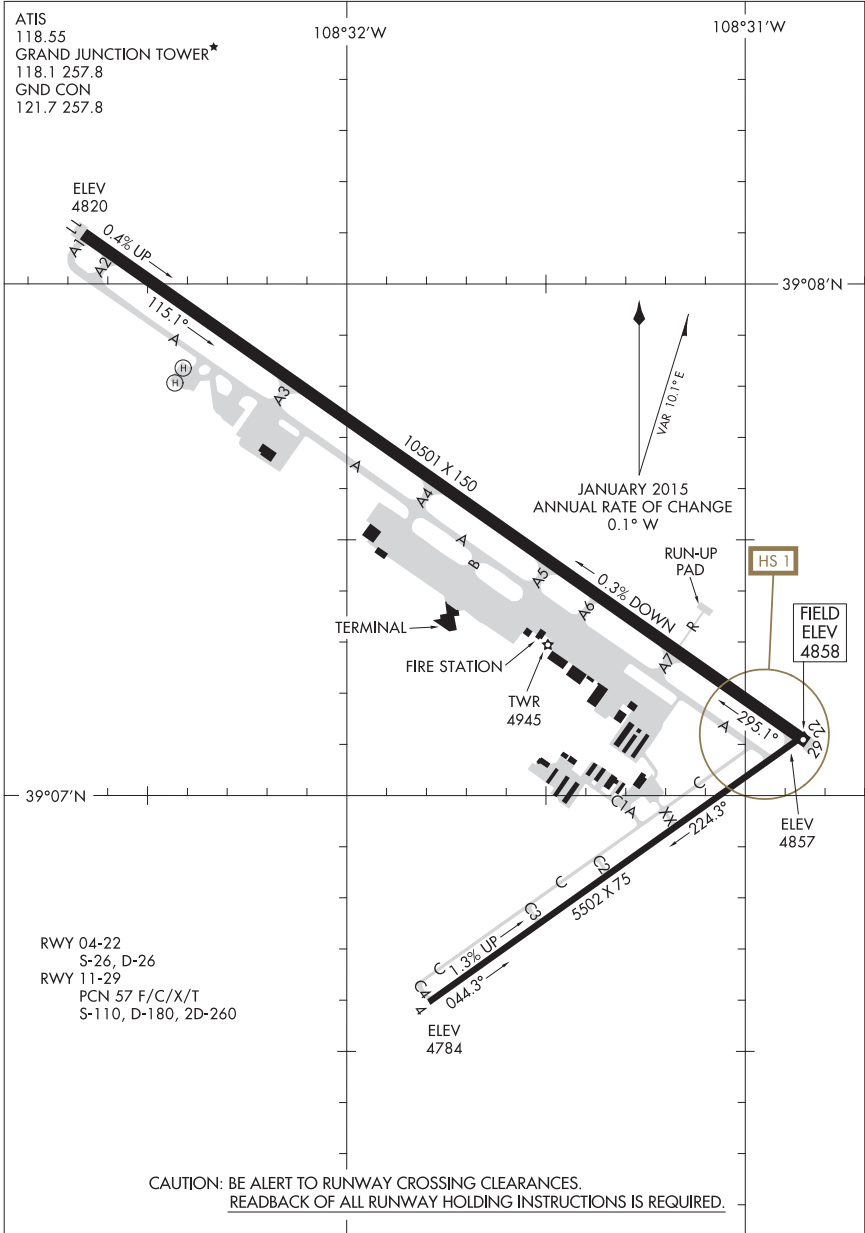
GRAND CANYON, ARIZONA
GRAND CANYON NATIONAL PARK (GCN)

18032

AIRPORT DIAGRAM

AL-634 (FAA)

GRAND JUNCTION RGNL (GJT)
GRAND JUNCTION, COLORADO



AIRPORT DIAGRAM

18032

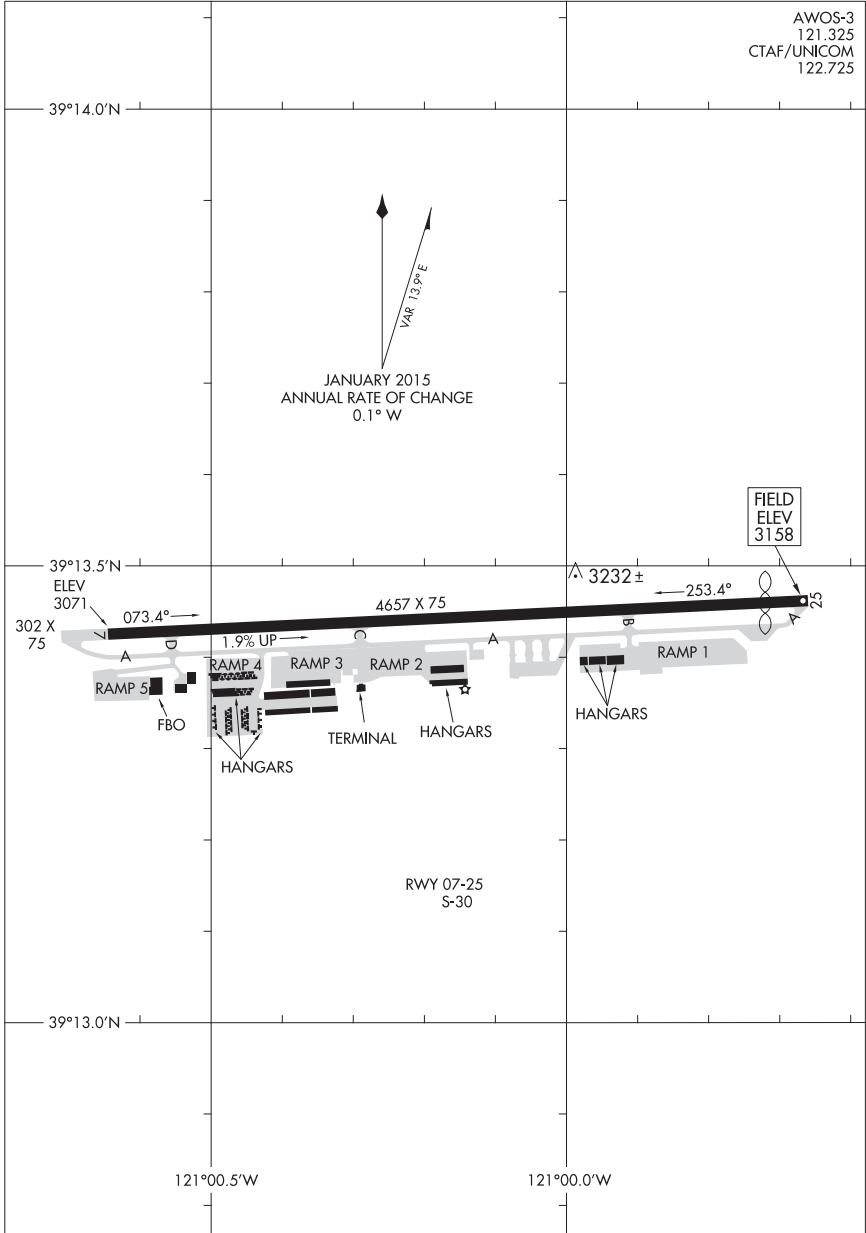
GRAND JUNCTION, COLORADO
GRAND JUNCTION RGNL (GJT)

17341

AIRPORT DIAGRAM

AL-6659 (FAA)

NEVADA COUNTY (GOO)
GRASS VALLEY, CALIFORNIA



AWOS-3
121.325
CTAF/UNICOM
122.725

JANUARY 2015
ANNUAL RATE OF CHANGE
0.1° W

FIELD
ELEV
3158

3232 ±

39°13.5'N
ELEV
3071

302 X
75

4657 X 75

← 253.4°

1.9% UP

RAMP 5

RAMP 4

RAMP 3

RAMP 2

RAMP 1

FBO

HANGARS

TERMINAL

HANGARS

HANGARS

RWY 07-25
S-30

121°00.5'W

121°00.0'W

AIRPORT DIAGRAM

17341

GRASS VALLEY, CALIFORNIA
NEVADA COUNTY (GOO)

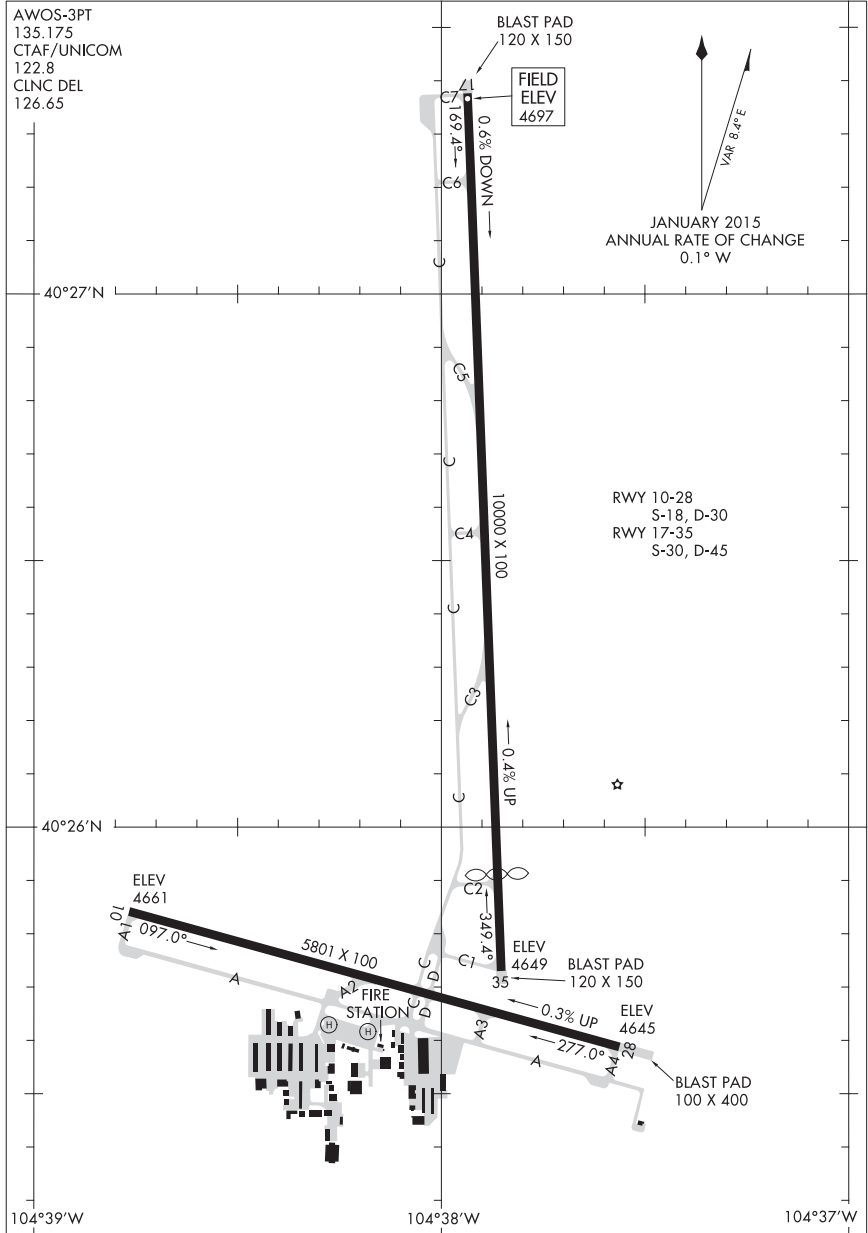
17061

AIRPORT DIAGRAM

AL-325 (FAA)

GREELEY-WELD COUNTY (GXY)
GREELEY, COLORADO

AWOS-3PT
135.175
CTAF/UNICOM
122.8
CLNC DEL
126.65



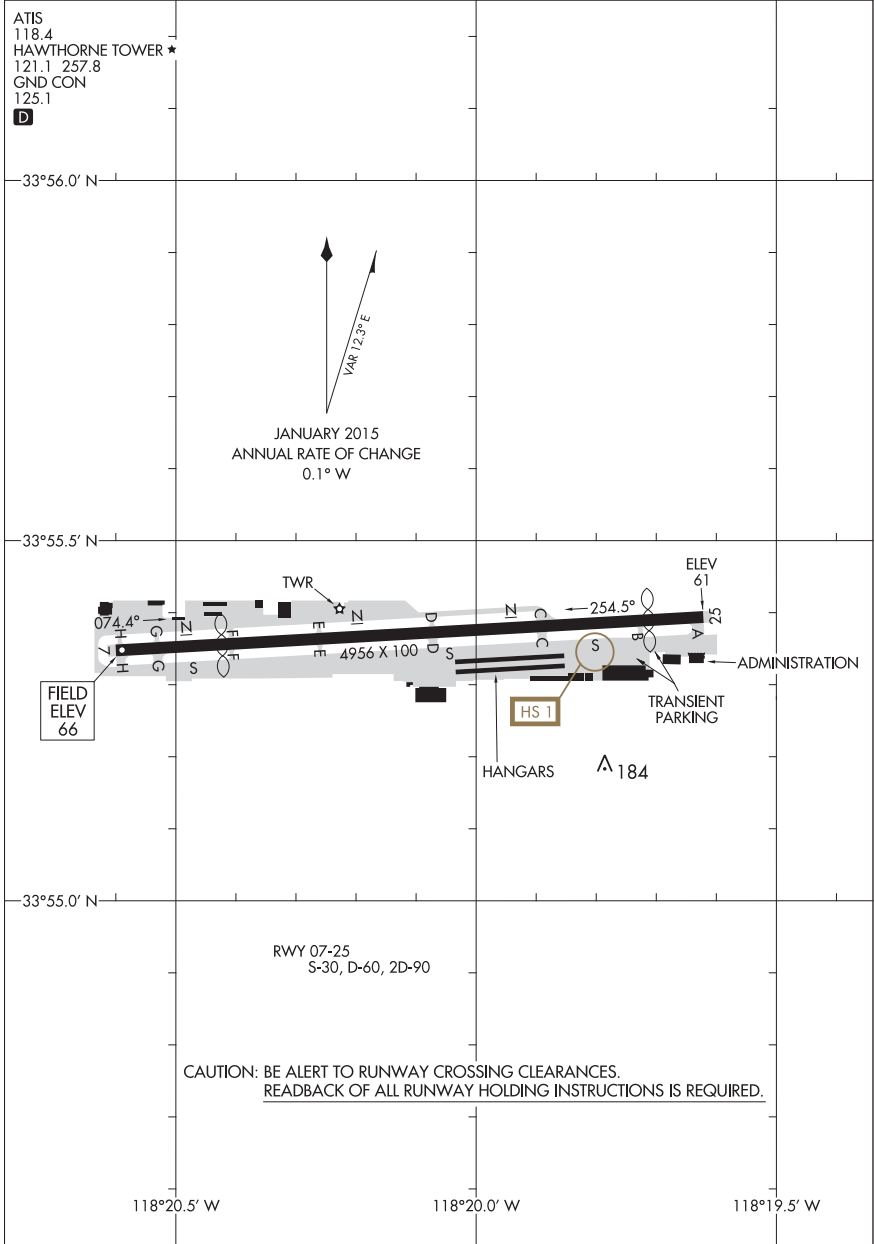
AIRPORT DIAGRAM

17061

GREELEY, COLORADO
GREELEY-WELD COUNTY (GXY)

17173
AIRPORT DIAGRAM

JACK NORTHROP FIELD/HAWTHORNE MUNI (HHR)
AL-5120 (FAA) HAWTHORNE, CALIFORNIA



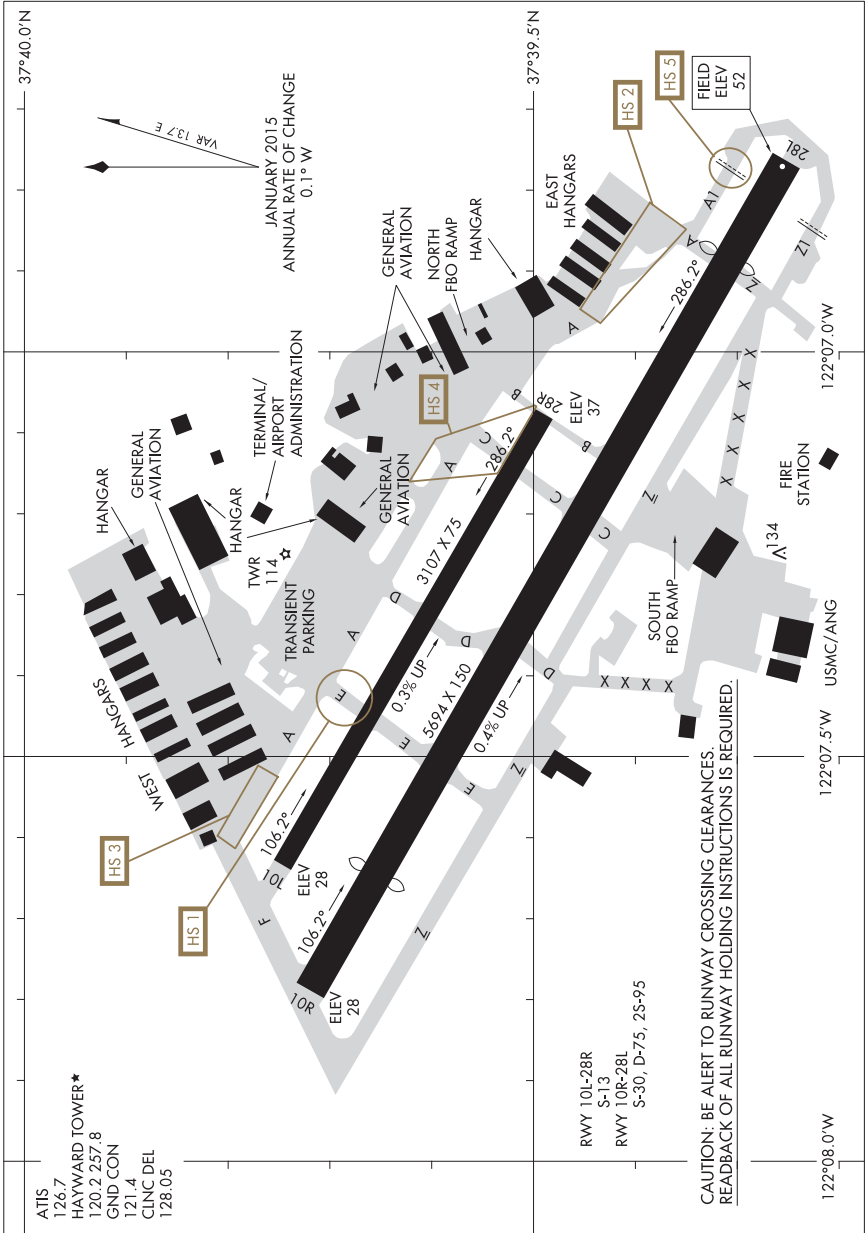
AIRPORT DIAGRAM
17173

HAWTHORNE, CALIFORNIA
JACK NORTHROP FIELD/HAWTHORNE MUNI (HHR)

17173
AIRPORT DIAGRAM

AL-5015 (FAA)

HAYWARD EXECUTIVE (HWD)
HAYWARD, CALIFORNIA



CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
REARBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

17173
AIRPORT DIAGRAM

HAYWARD, CALIFORNIA
HAYWARD EXECUTIVE (HWD)

17117

HILL AFB (KHIF)

AIRPORT DIAGRAM

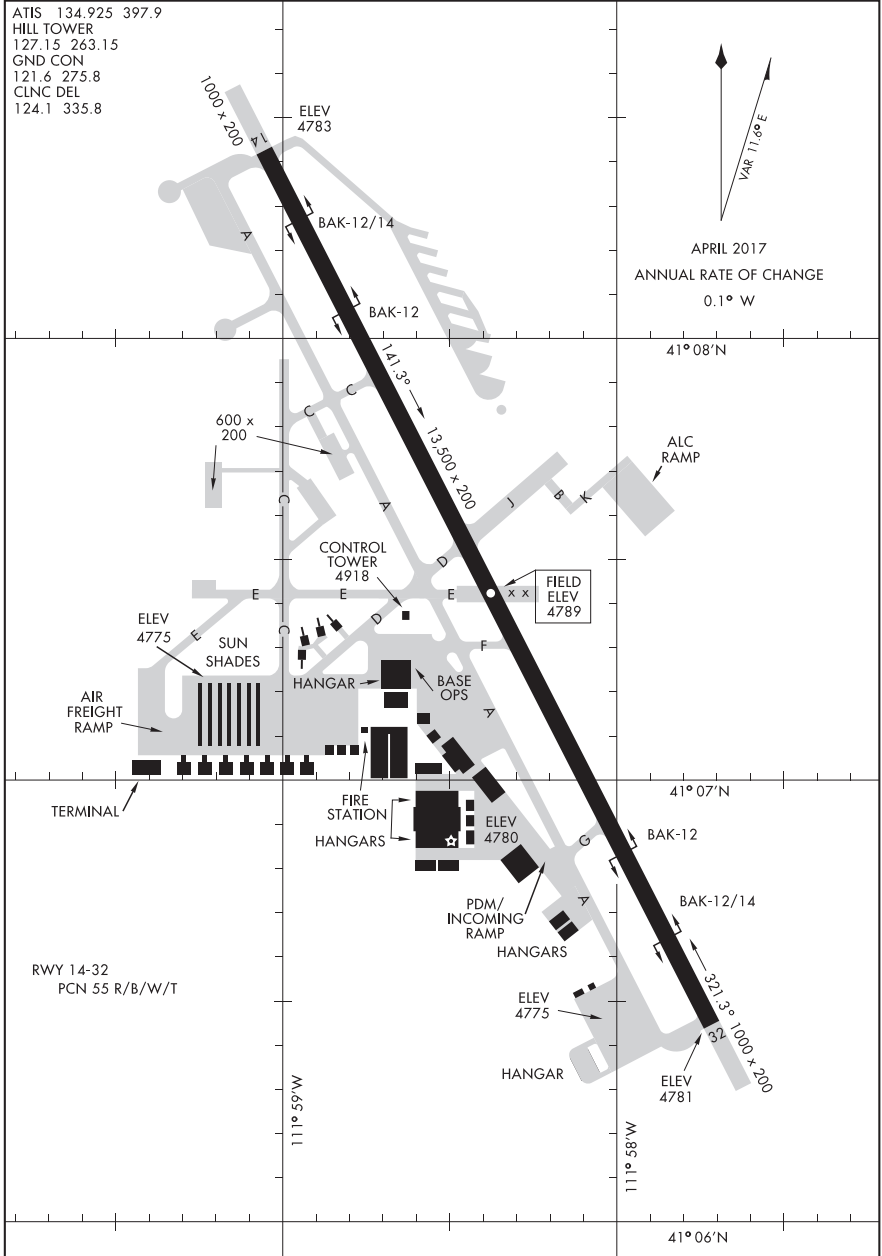
AFD-296 [USAF]

OGDEN, UTAH

ATIS 134.925 397.9
 HILL TOWER
 127.15 263.15
 GND CON
 121.6 275.8
 CLNC DEL
 124.1 335.8



APRIL 2017
 ANNUAL RATE OF CHANGE
 0.1° W



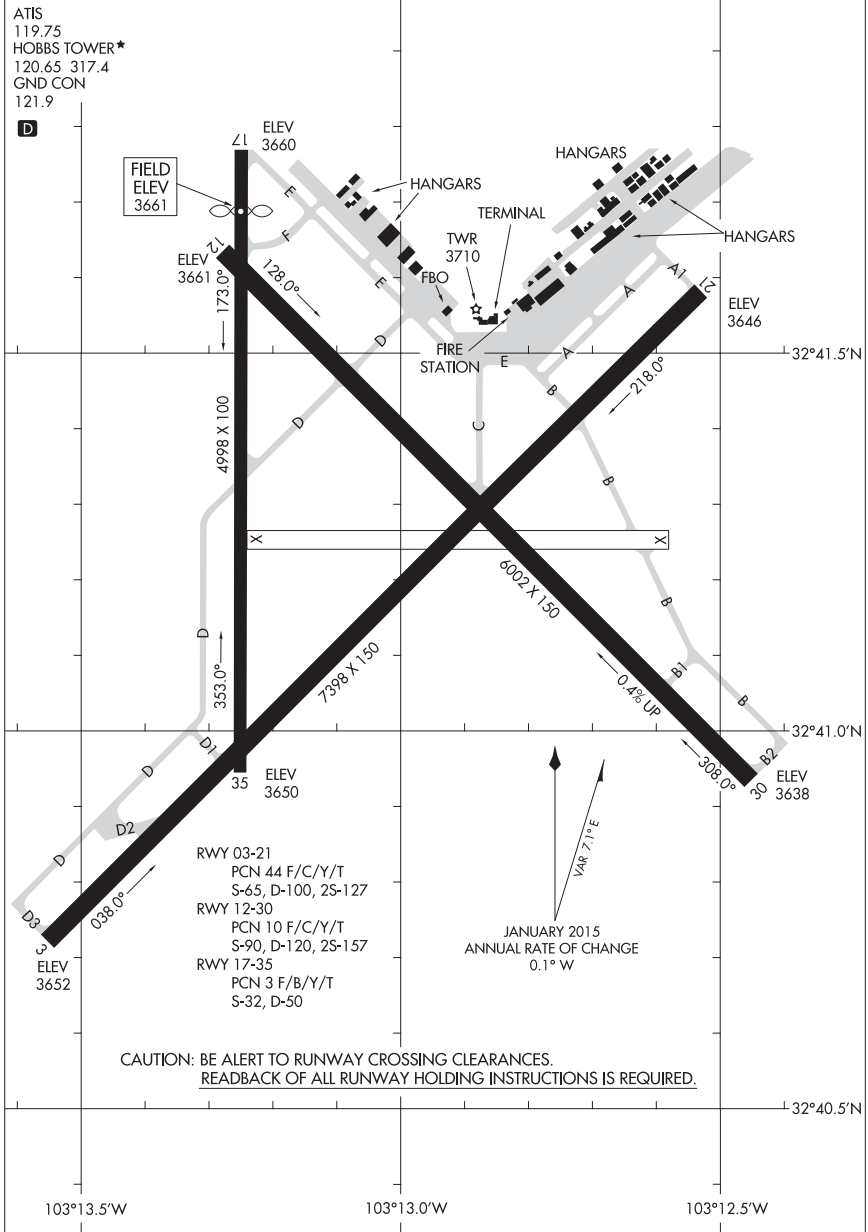
AIRPORT DIAGRAM

OGDEN, UTAH
HILL AFB (KHIF)

17117
AIRPORT DIAGRAM

AL-851 (FAA)

LEA COUNTY RGNL (HOB)
HOBBS, NEW MEXICO



AIRPORT DIAGRAM
17117

HOBBS, NEW MEXICO
LEA COUNTY RGNL (HOB)

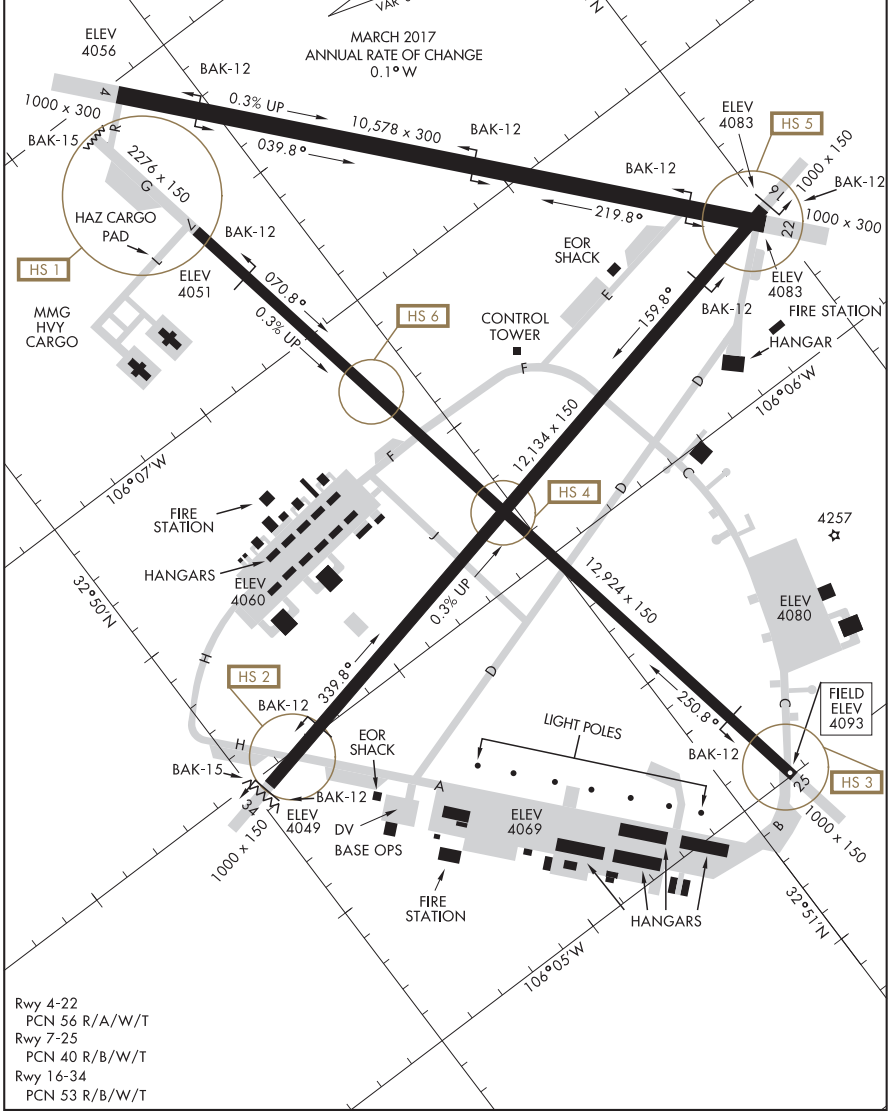
17061

HOLLOMAN AFB (KHMN)
ALAMOGORDO, NEW MEXICO

AIRPORT DIAGRAM

AFD-7 [USAF]

ATIS ★ 273.5
 HOLLOMAN TOWER ★
 119.3 255.9
 GND CON
 127.05 275.8
 CLNC DEL
 126.7 289.4



Rwy 4-22
 PCN 56 R/A/W/T
 Rwy 7-25
 PCN 40 R/B/W/T
 Rwy 16-34
 PCN 53 R/B/W/T

AIRPORT DIAGRAM

ALAMOGORDO, NEW MEXICO
HOLLOMAN AFB (KHMN)

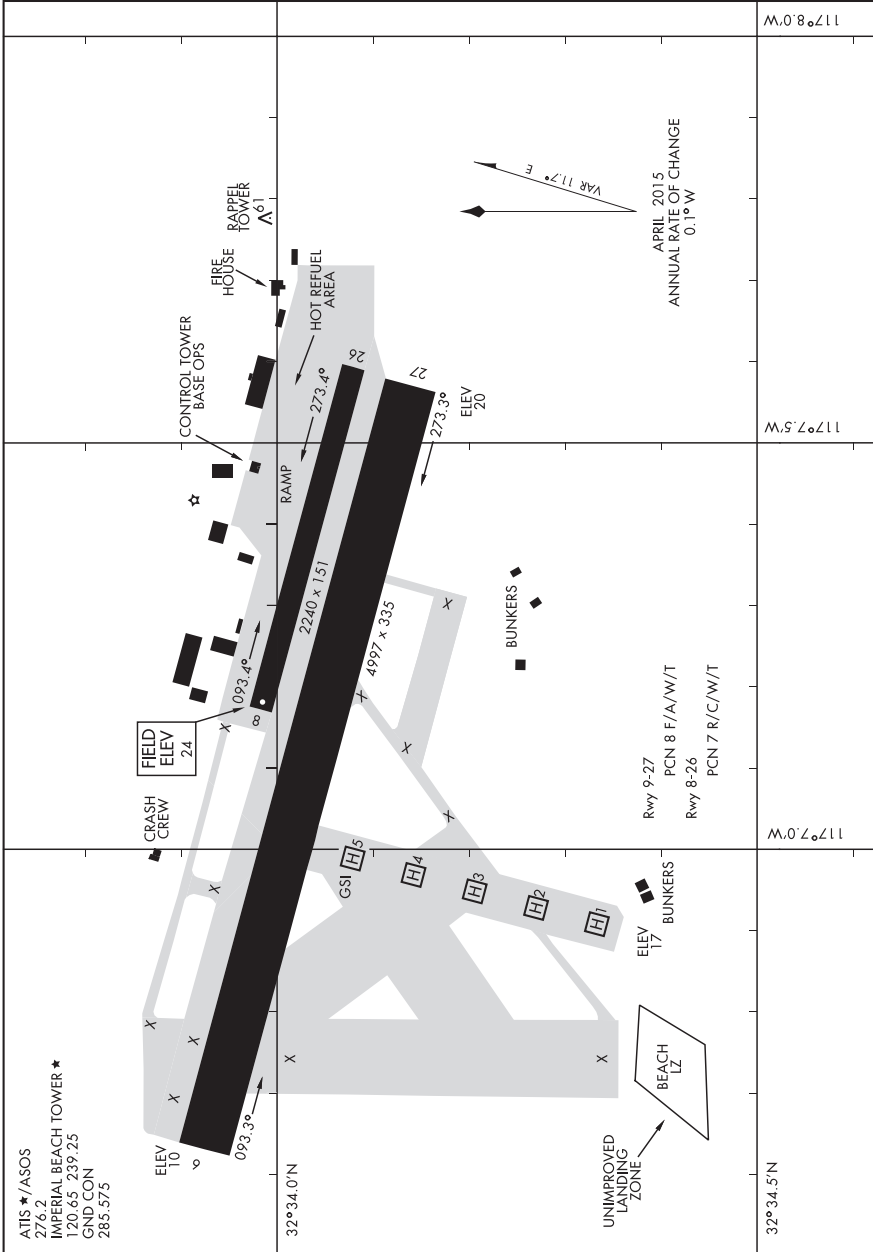
15120

IMPERIAL BEACH NOLF (REAM FIELD) (KNRS)

AIRPORT DIAGRAM

AFD-307 [USN]

IMPERIAL BEACH, CALIFORNIA



AIRPORT DIAGRAM

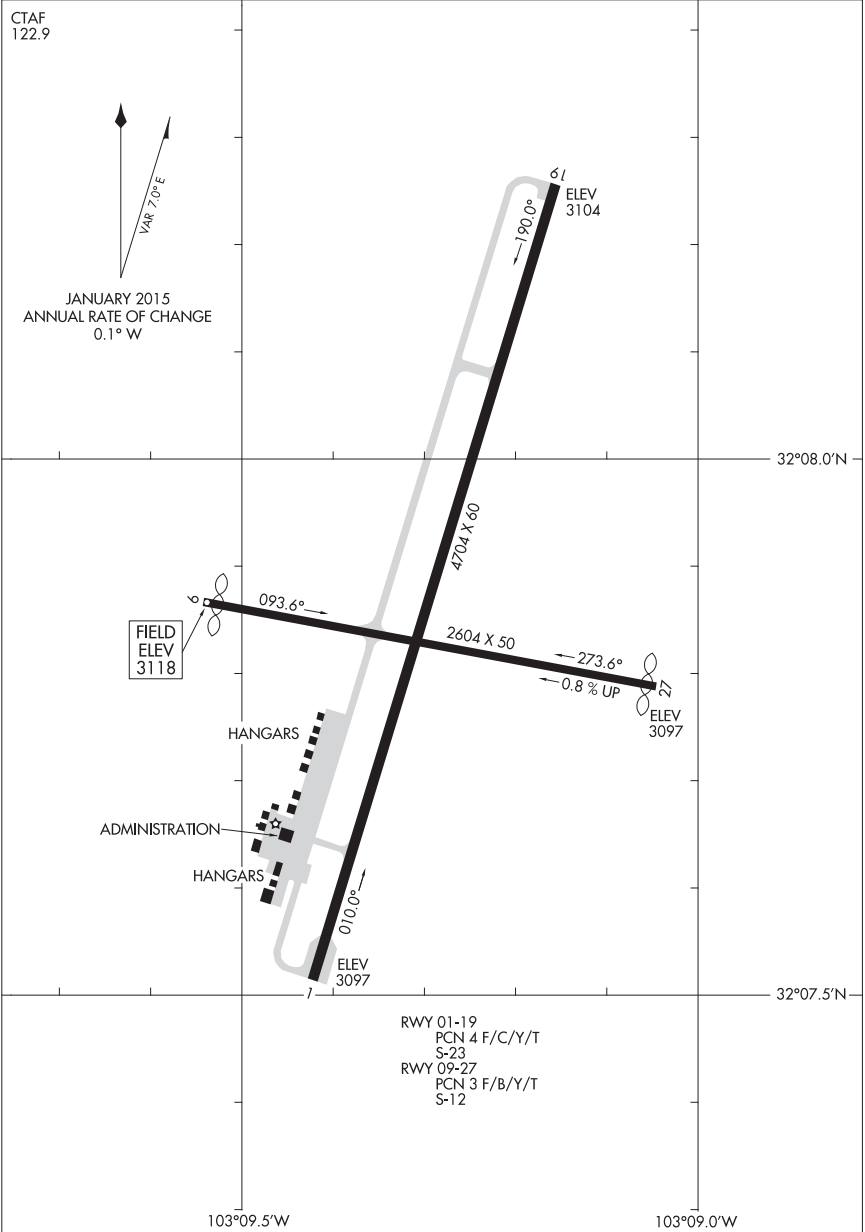
IMPERIAL BEACH, CALIFORNIA
IMPERIAL BEACH NOLF (REAM FIELD) (KNRS)

16259

AIRPORT DIAGRAM

AL-9408 (FAA)

LEA COUNTY/JAL (E26)
JAL, NEW MEXICO



AIRPORT DIAGRAM

16259

JAL, NEW MEXICO
LEA COUNTY/JAL (E26)

17061

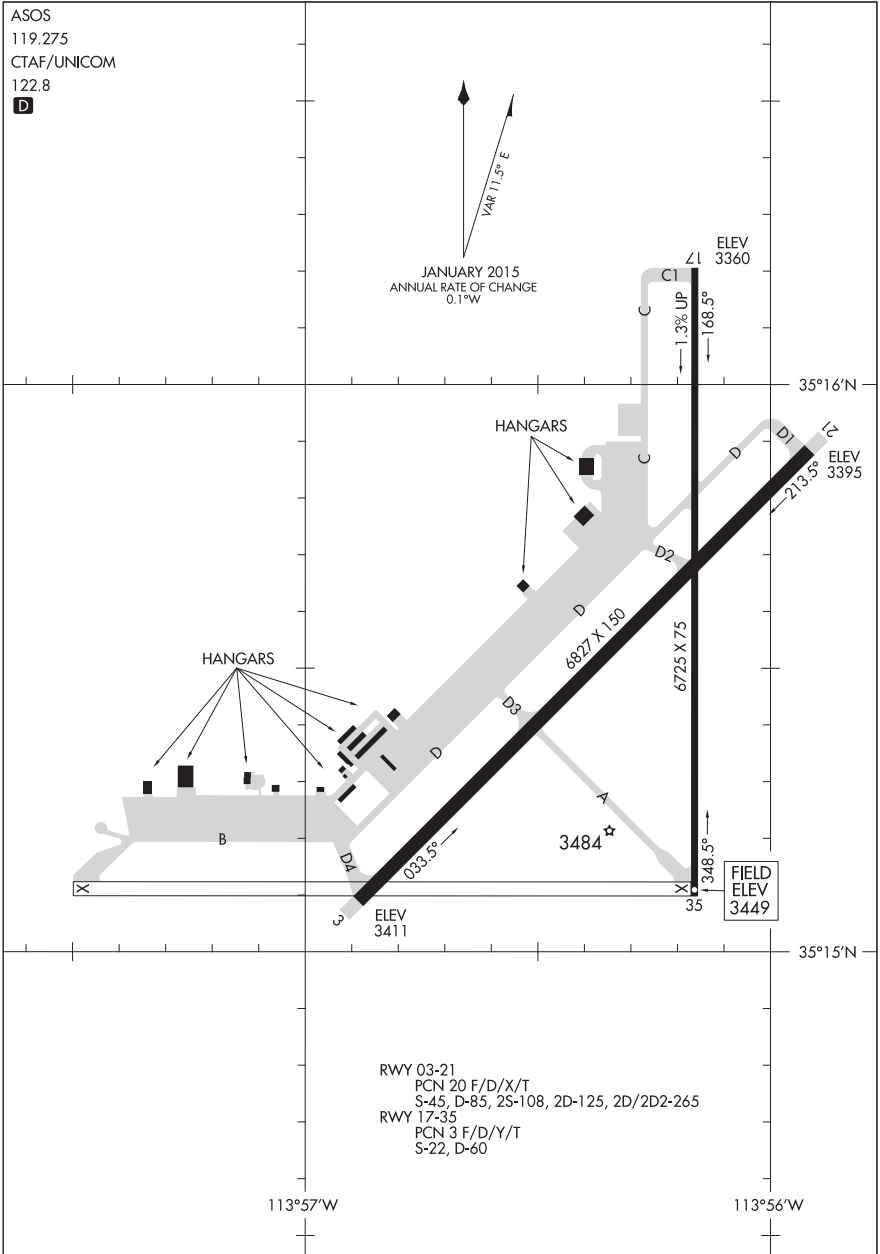
AIRPORT DIAGRAM

AL-215 (FAA)

KINGMAN (IGM)
KINGMAN, ARIZONA

ASOS
119.275
CTAF/UNICOM
122.8
D

VAR 11.5° E
JANUARY 2015
ANNUAL RATE OF CHANGE
0.1° W



RWY 03-21
PCN 20 F/D/X/T
S-45, D-85, 2S-108, 2D-125, 2D/2D2-265
RWY 17-35
PCN 3 F/D/Y/T
S-22, D-60

AIRPORT DIAGRAM

17061

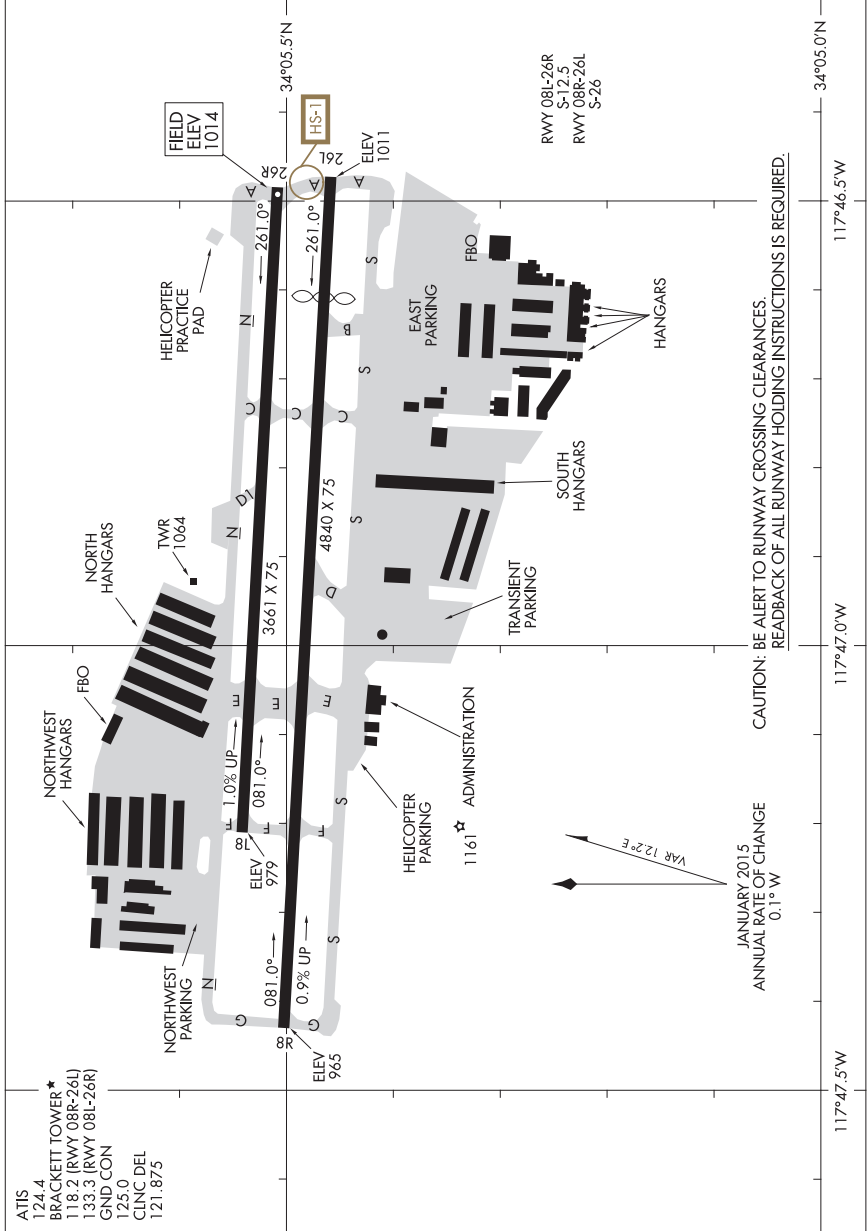
KINGMAN, ARIZONA
KINGMAN (IGM)

16203

AIRPORT DIAGRAM

AL-5218 (FAA)

BRACKETT FIELD (POC)
LA VERNE, CALIFORNIA



AIRPORT DIAGRAM

16203

LA VERNE, CALIFORNIA
BRACKETT FIELD (POC)

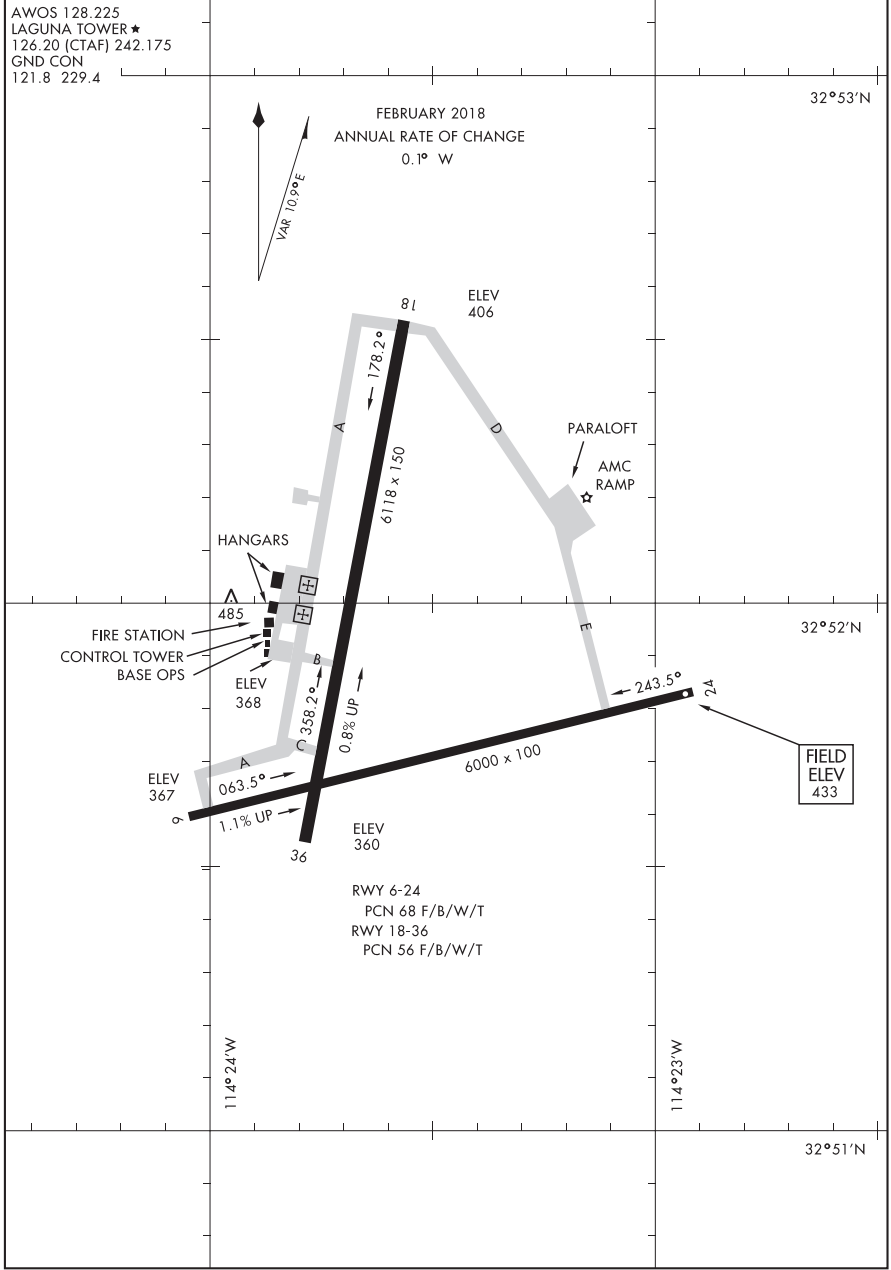
18032

LAGUNA AAF (KLGf)

AIRPORT DIAGRAM

AFD-6341 [USA]

YUMA PROVING GROUND, ARIZONA



AIRPORT DIAGRAM

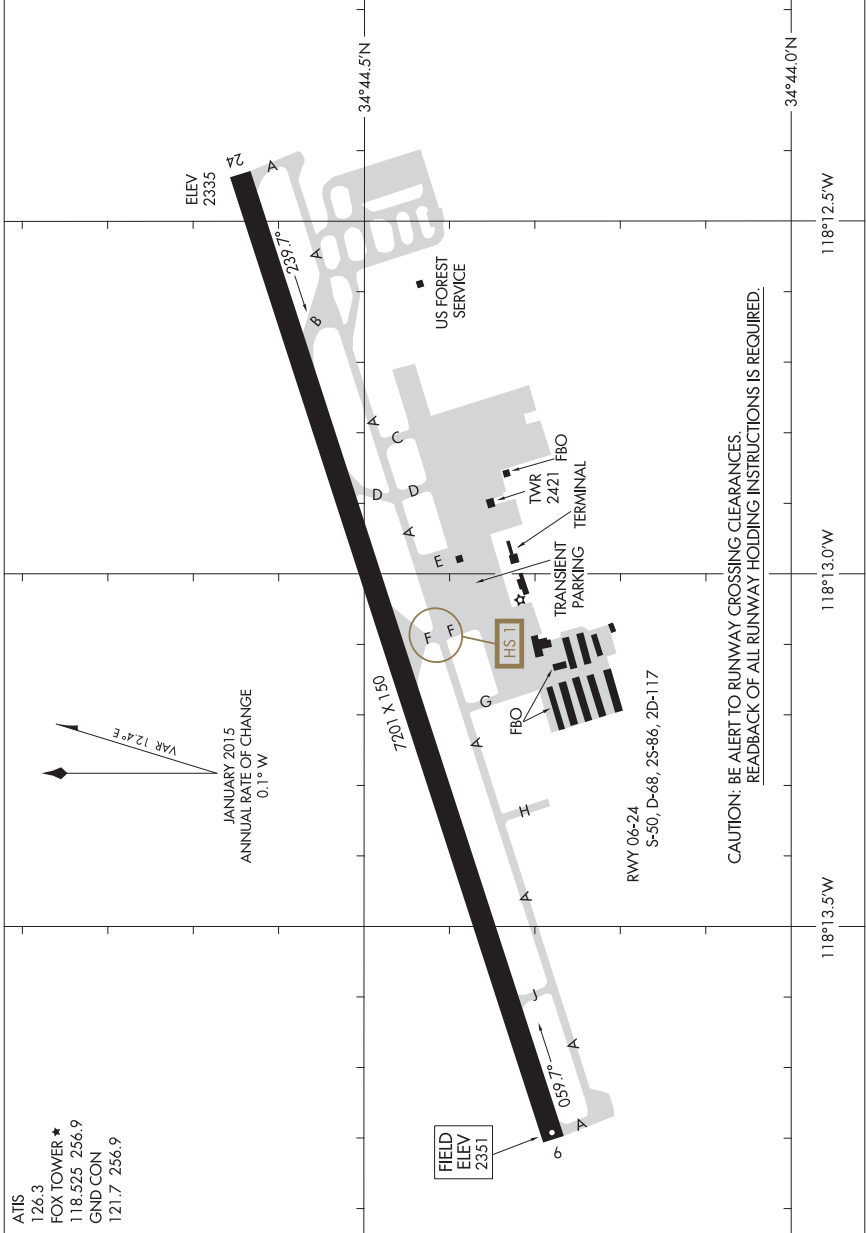
YUMA PROVING GROUND, ARIZONA
LAGUNA AAF (KLGf)

16203

AIRPORT DIAGRAM

AL-5065 (FAA)

GENERAL WM J FOX AIRFIELD (WJF)
LANCASTER, CALIFORNIA



AIRPORT DIAGRAM

16203

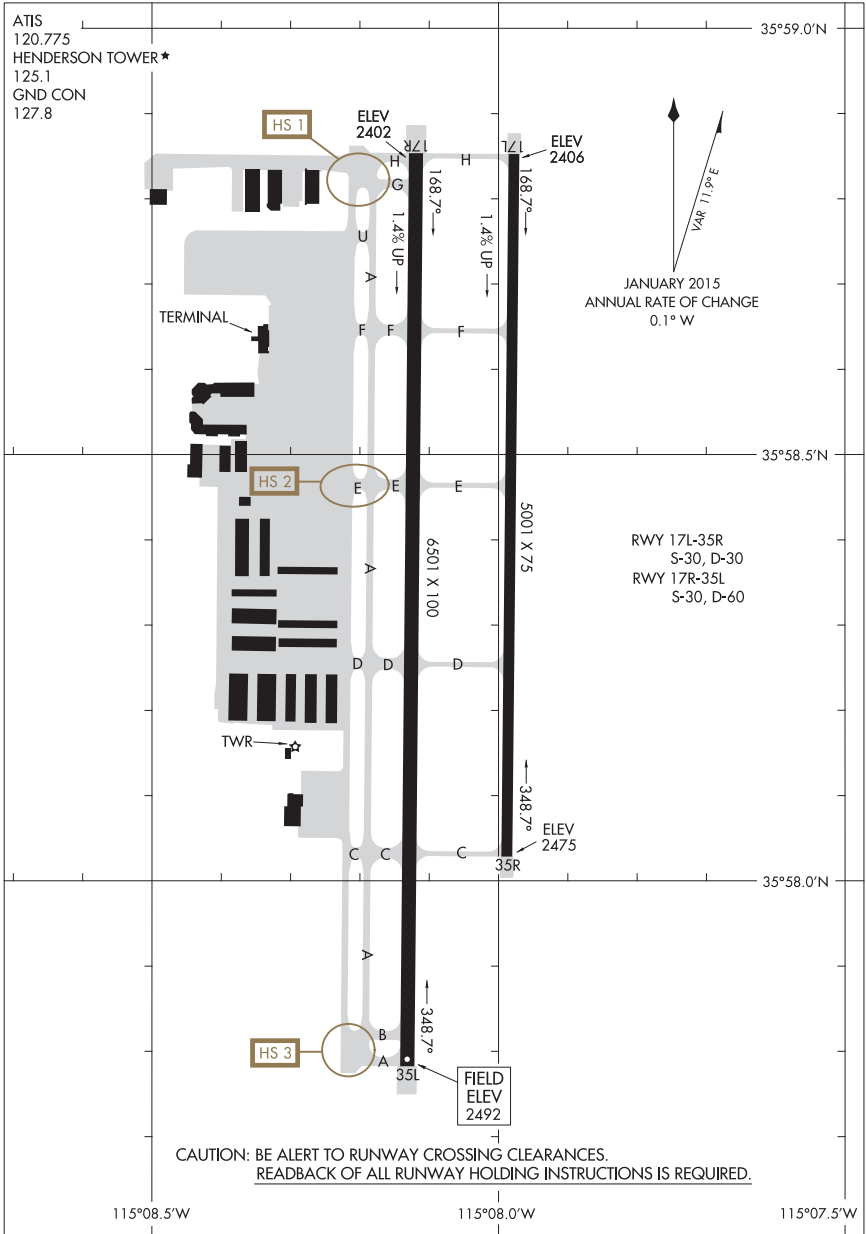
LANCASTER, CALIFORNIA
GENERAL WM J FOX AIRFIELD (WJF)

15064

AIRPORT DIAGRAM

AL-6514 (FAA)

HENDERSON EXECUTIVE (HND)
LAS VEGAS, NEVADA



AIRPORT DIAGRAM

15064

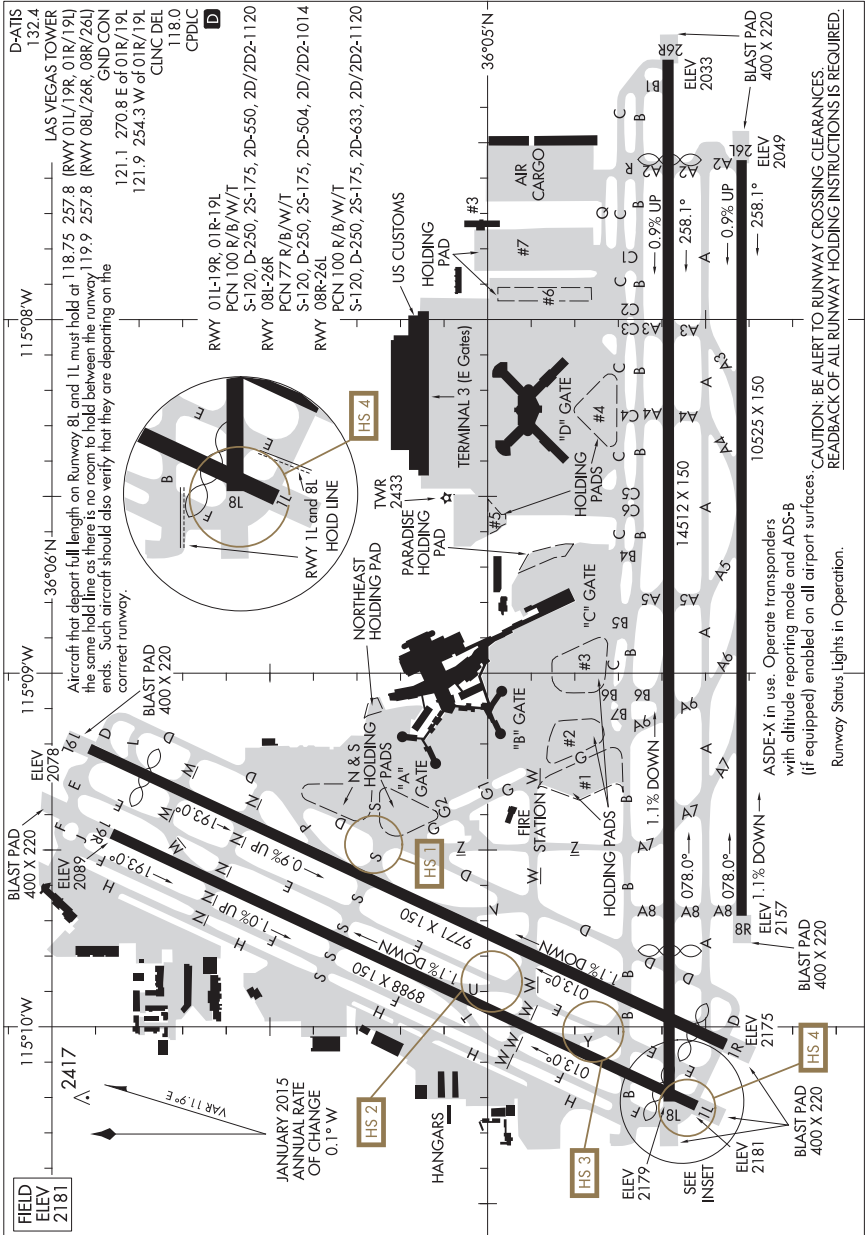
LAS VEGAS, NEVADA
HENDERSON EXECUTIVE (HND)

17229

AIRPORT DIAGRAM

AL-662 (FAA)

MC CARRAN INTL (LAS)
LAS VEGAS, NEVADA



AIRPORT DIAGRAM

17229

LAS VEGAS, NEVADA
MC CARRAN INTL (LAS)

CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

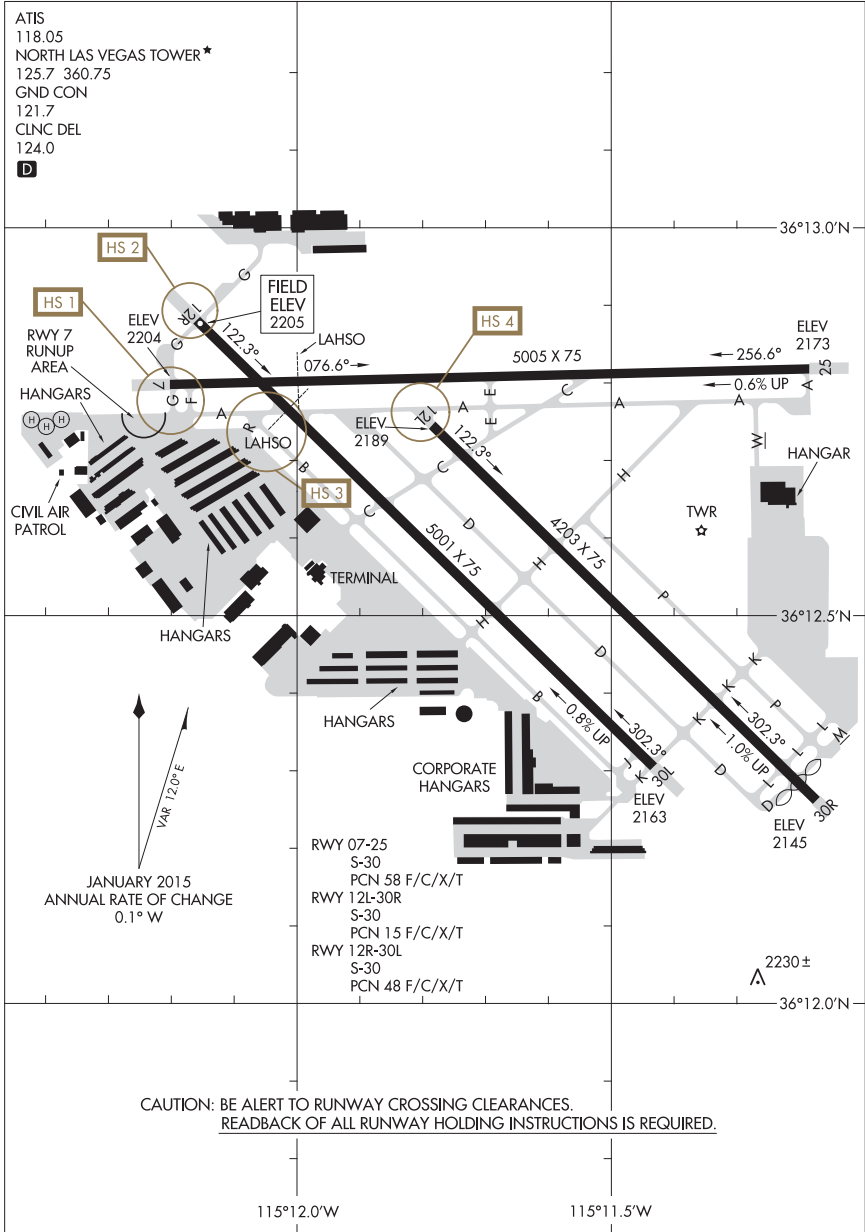
ASDE-X in use. Operate transponders with altitude reporting mode and ADS-B (if equipped) enabled on all airport surfaces.
Runway Status lights in Operation.

17117

AIRPORT DIAGRAM

AL-6970 (FAA)

NORTH LAS VEGAS (VGT)
LAS VEGAS, NEVADA



AIRPORT DIAGRAM

17117

LAS VEGAS, NEVADA
NORTH LAS VEGAS (VGT)

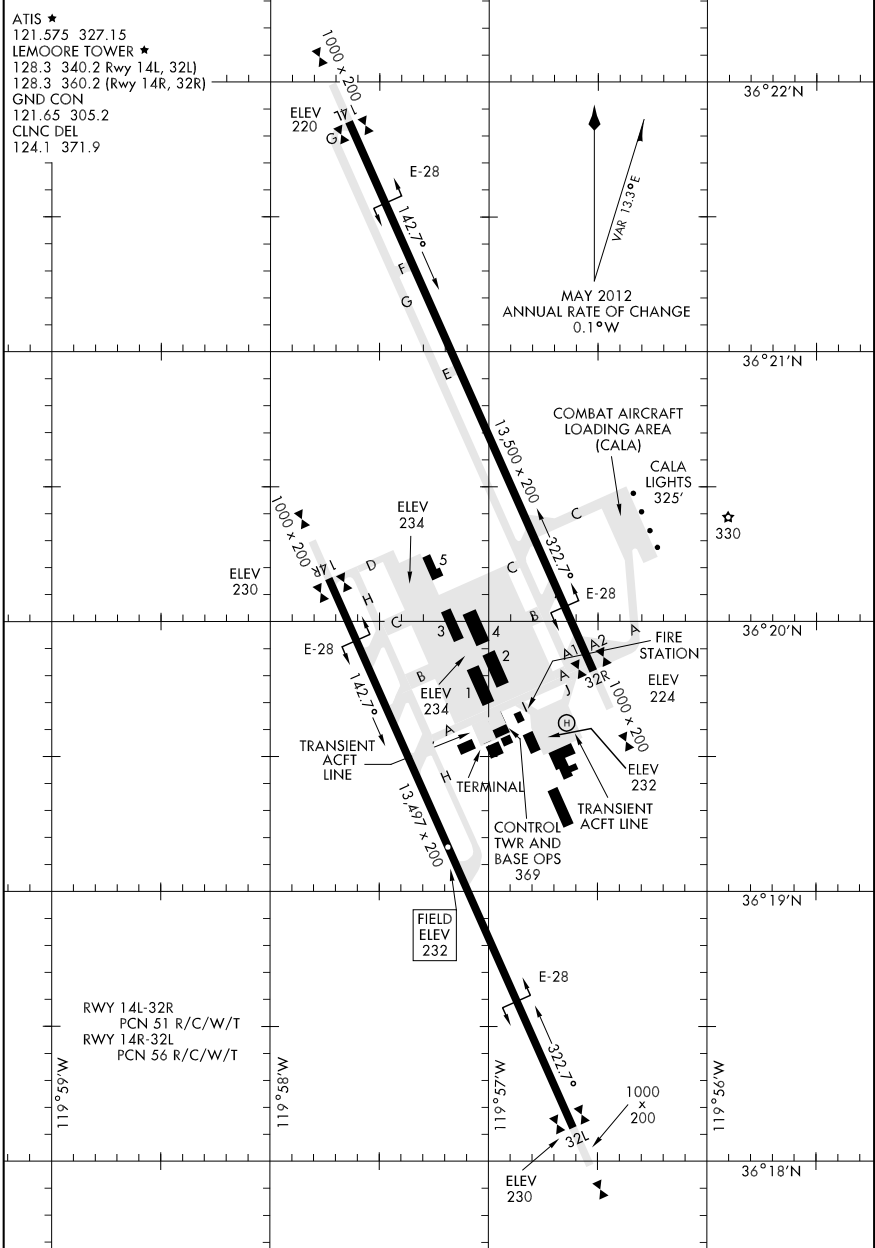
12152

LEMOORE NAS (REEVES FIELD) (KNLC)

AIRPORT DIAGRAM

AFD-5067 [USN]

LEMOORE, CALIFORNIA



AIRPORT DIAGRAM

LEMOORE, CALIFORNIA

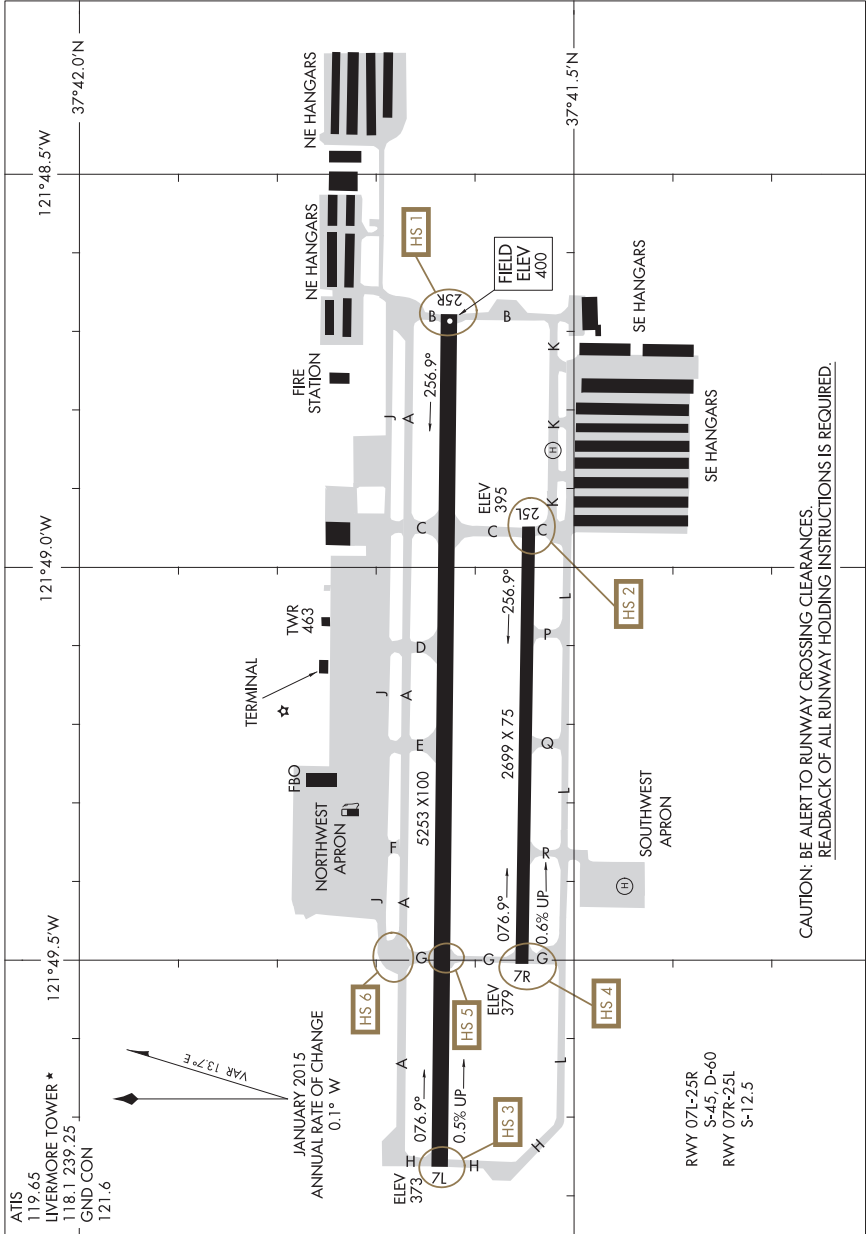
LEMOORE NAS (REEVES FIELD) (KNLC)

16315

AIRPORT DIAGRAM

AL-6075 (FAA)

LIVERMORE MUNI (LVK)
LIVERMORE, CALIFORNIA



AIRPORT DIAGRAM

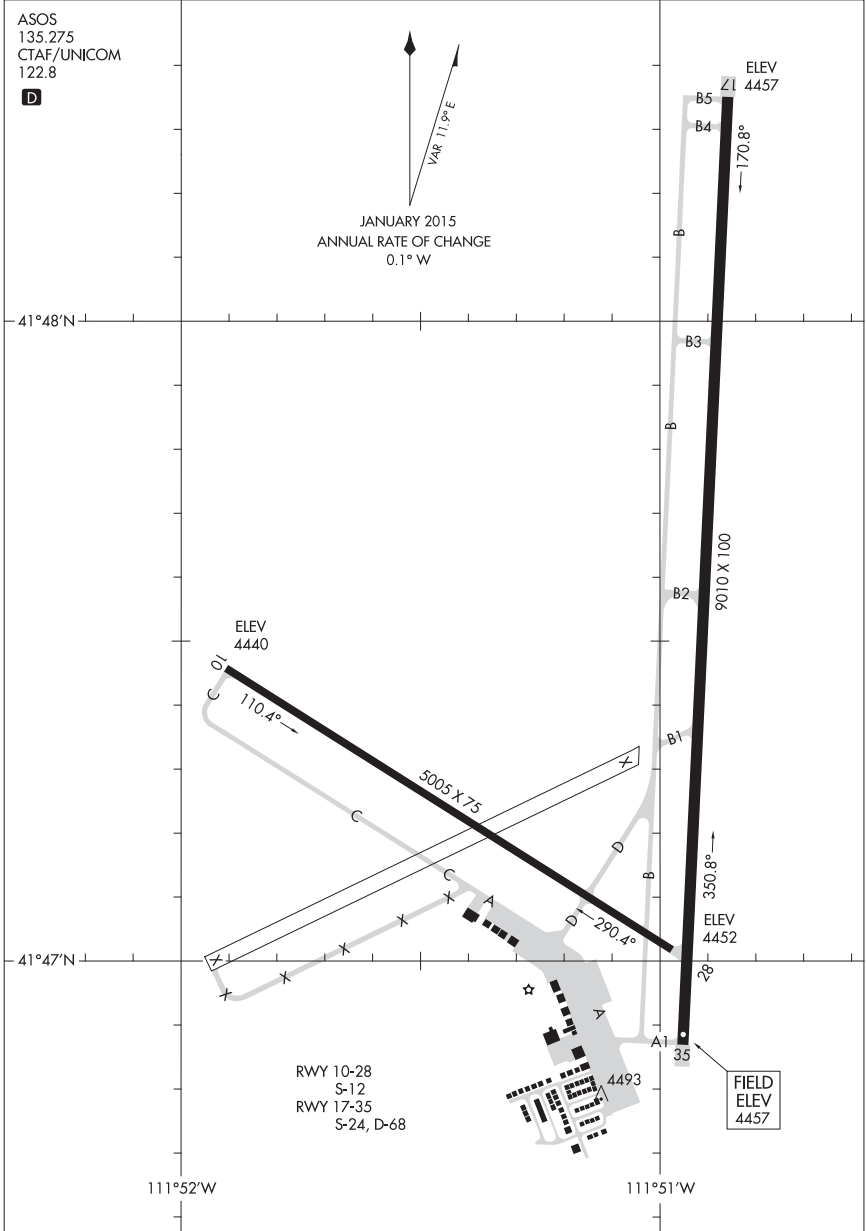
LIVERMORE, CALIFORNIA
LIVERMORE MUNI (LVK)

16315

15064

AIRPORT DIAGRAM

LOGAN-CACHE (LGTU)
LOGAN, UTAH



AIRPORT DIAGRAM

15064

LOGAN, UTAH
LOGAN-CACHE (LGTU)

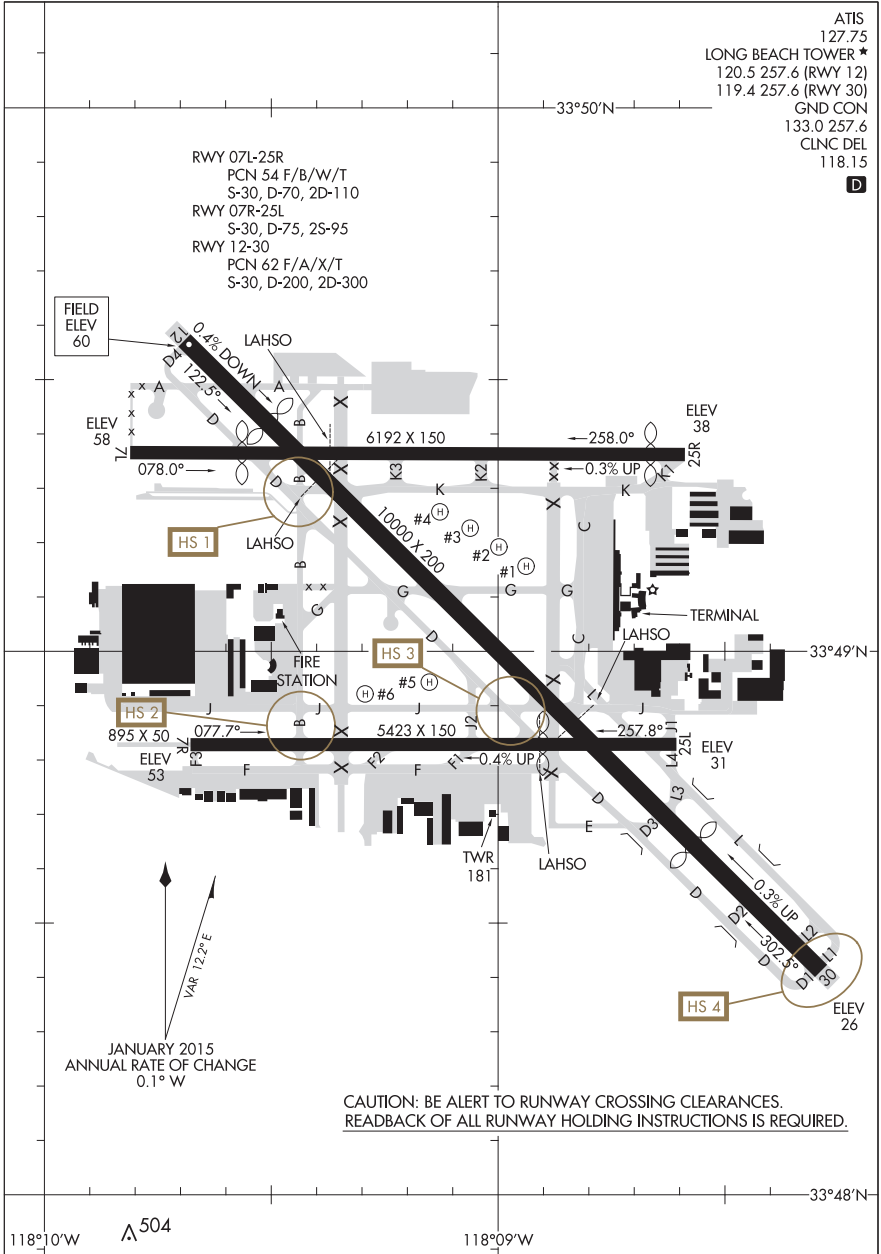
18088

AIRPORT DIAGRAM

AL-236 (FAA)

LONG BEACH/DAUGHERTY FIELD/ (LGB)

LONG BEACH, CALIFORNIA



CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES. READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

AIRPORT DIAGRAM

18088

LONG BEACH, CALIFORNIA

LONG BEACH/DAUGHERTY FIELD/ (LGB)

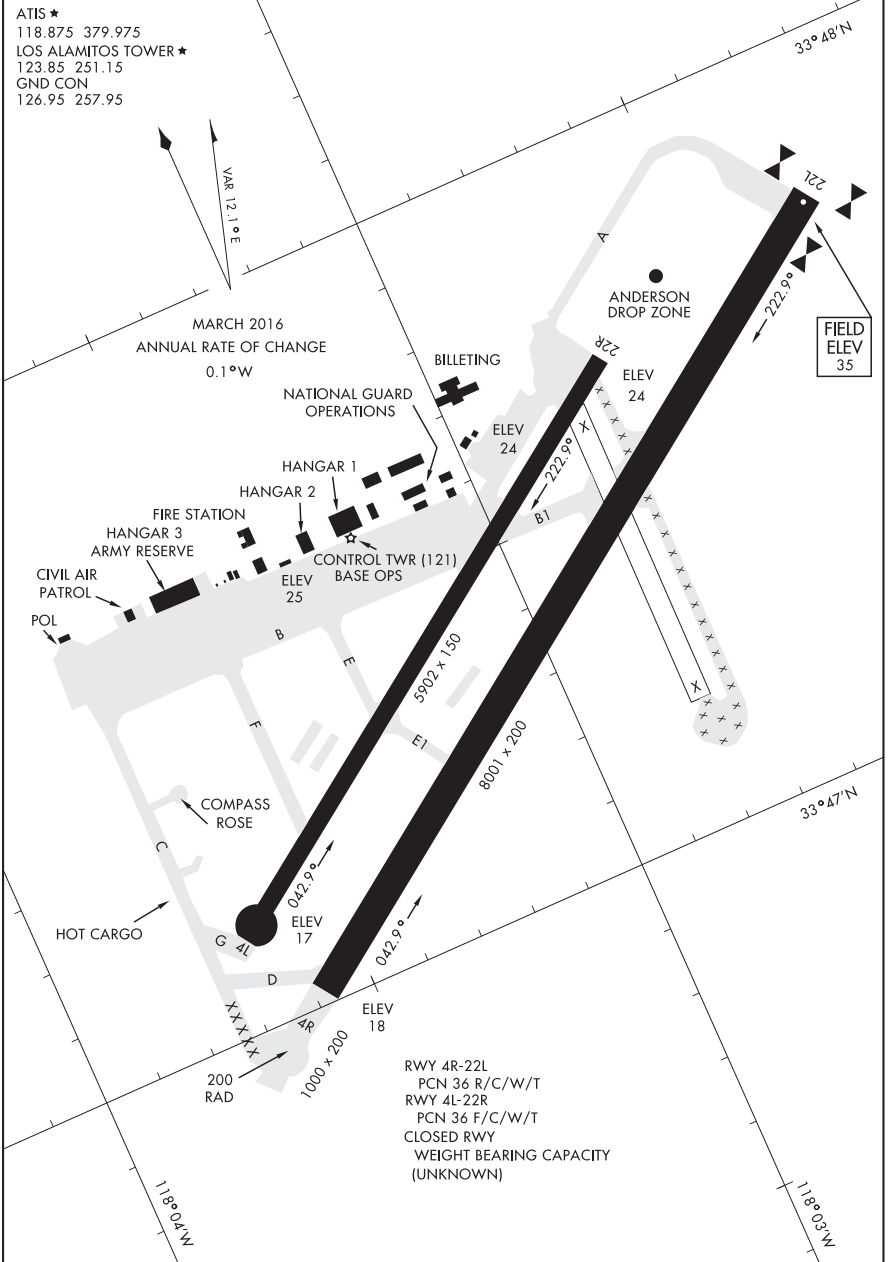
16091

LOS ALAMITOS AAF (KSLI)

AIRPORT DIAGRAM

AFD-953 [USA]

LOS ALAMITOS, CALIFORNIA



AIRPORT DIAGRAM

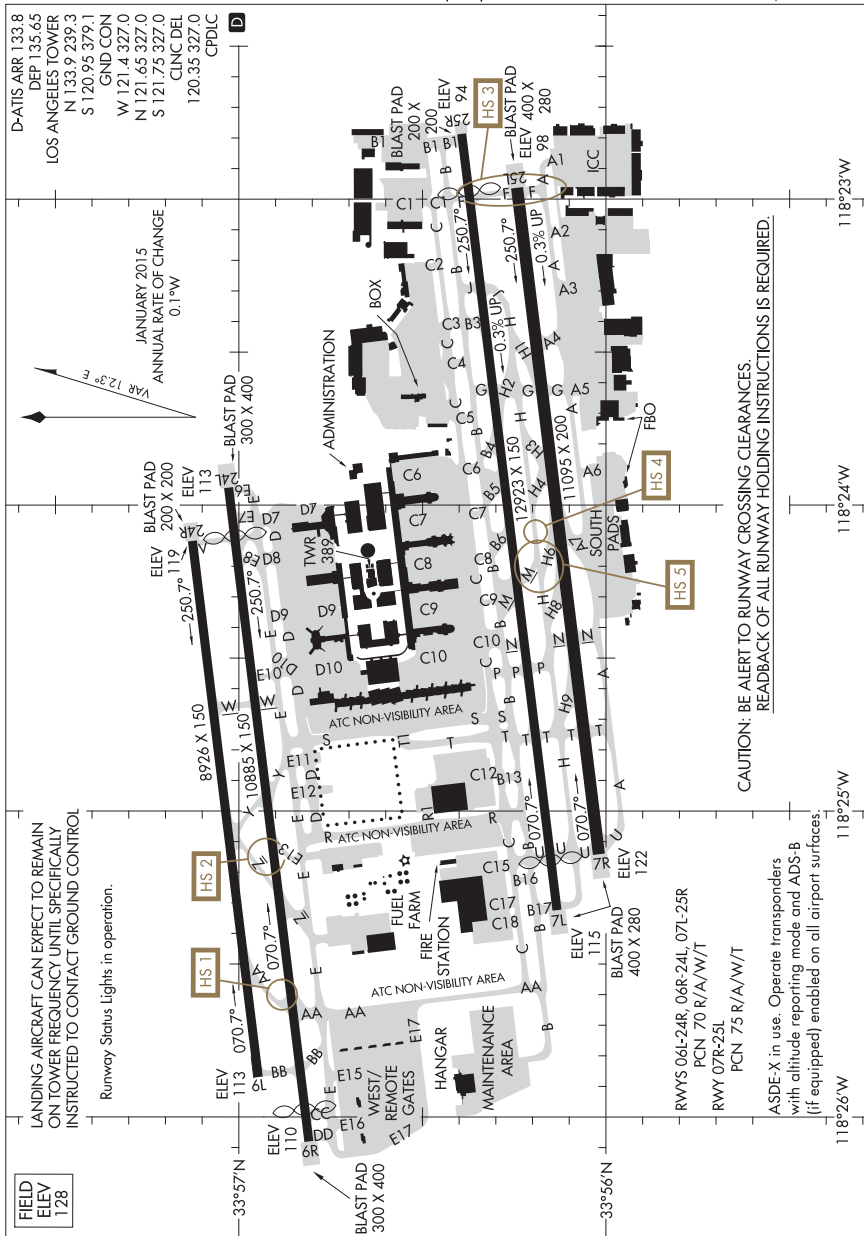
LOS ALAMITOS, CALIFORNIA
LOS ALAMITOS AAF (KSLI)

18032

AIRPORT DIAGRAM

AL-237 (FAA)

LOS ANGELES INTL (LAX)
LOS ANGELES, CALIFORNIA



LANDING AIRCRAFT CAN EXPECT TO REMAIN ON TOWER FREQUENCY UNTIL SPECIFICALLY INSTRUCTED TO CONTACT GROUND CONTROL

Runway Status Lights in operation.

CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
REARBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

ASDE-X in use. Operate transponders with altitude reporting mode and ADS-B (if equipped) enabled on all airport surfaces.

RWYS 06L-24R, 06R-24L, 07L-25R
PCN 70 R/A/W/T
RWY 07R-25L
PCN 75 R/A/W/T

AIRPORT DIAGRAM

LOS ANGELES, CALIFORNIA
LOS ANGELES INTL (LAX)

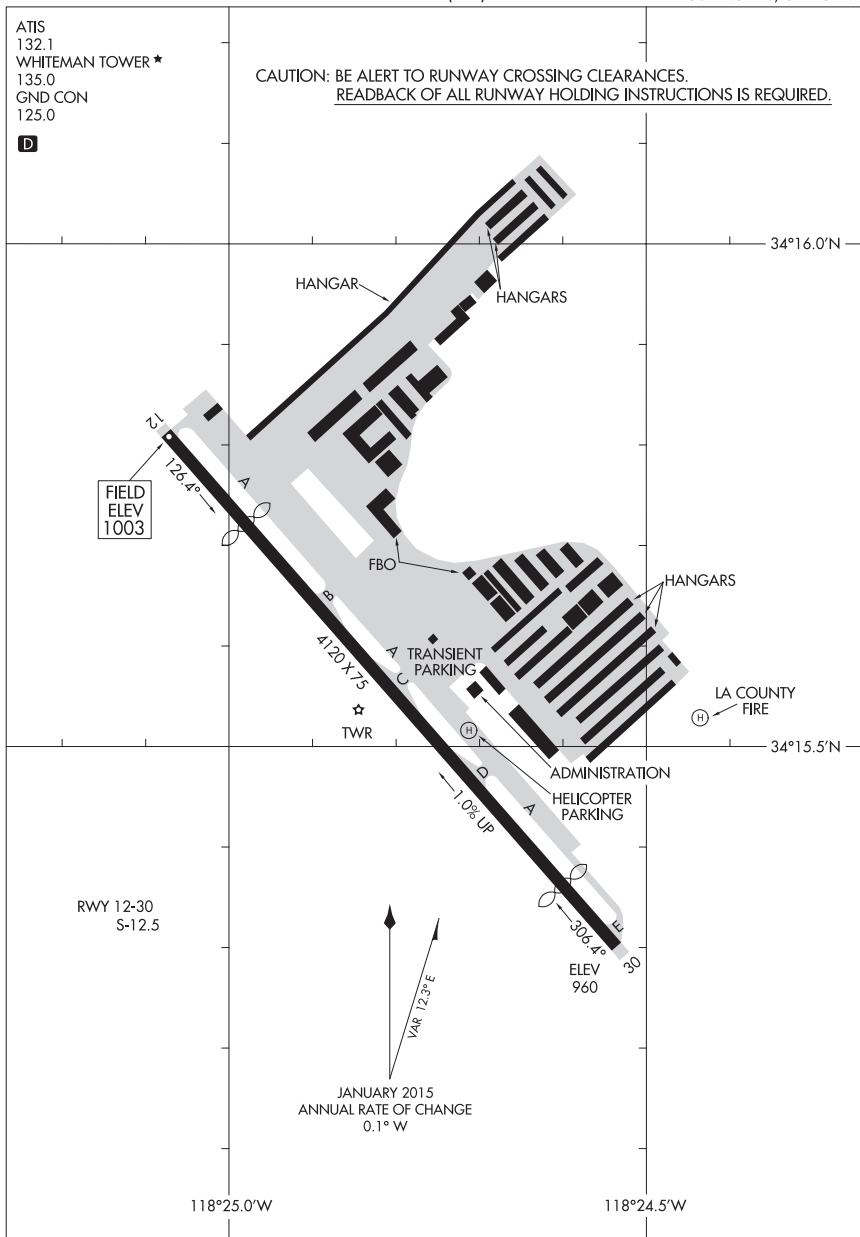
18032

15064

AIRPORT DIAGRAM

AL-9132 (FAA)

WHITEMAN (WHP)
LOS ANGELES, CALIFORNIA



AIRPORT DIAGRAM

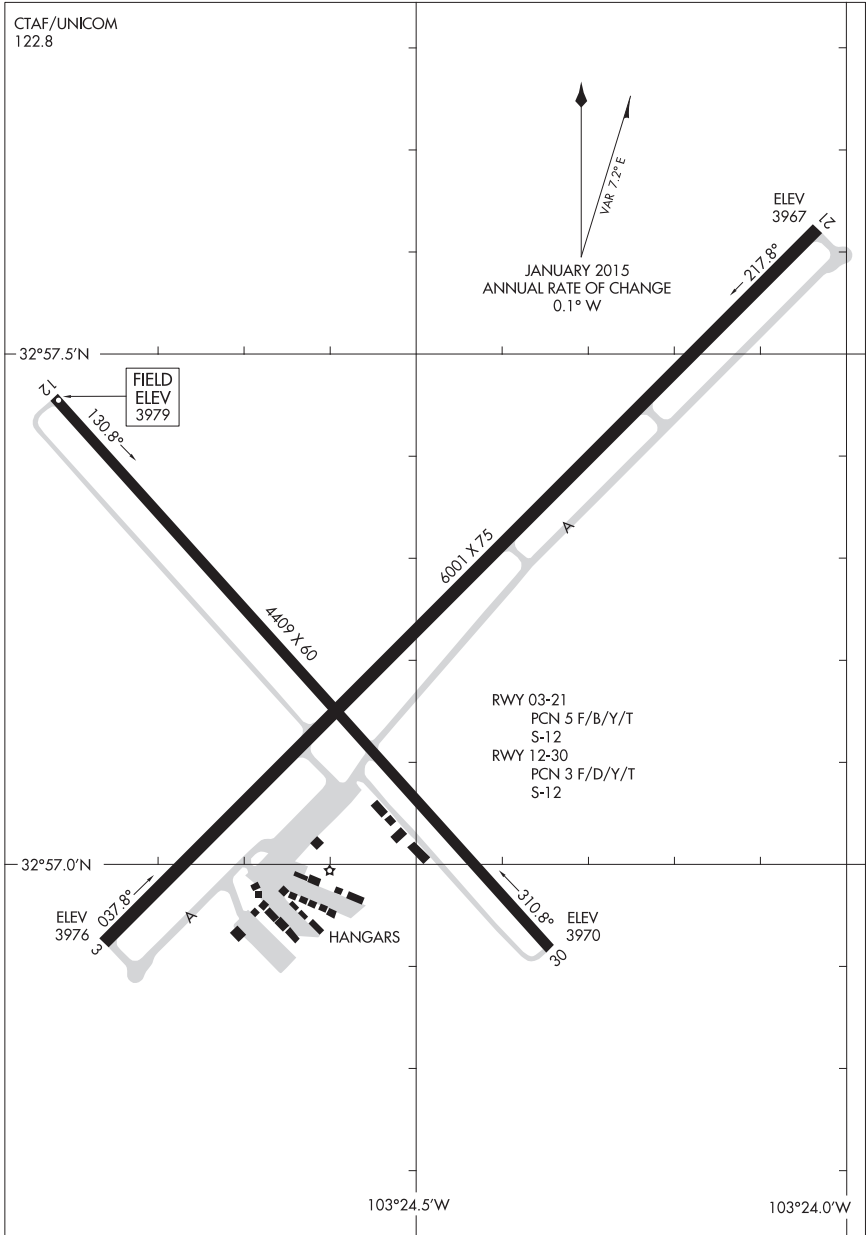
15064

LOS ANGELES, CALIFORNIA
WHITEMAN (WHP)

16259

AIRPORT DIAGRAM

LEA COUNTY-ZIP FRANKLIN MEMORIAL (E06)
AL-6951 (FAA) LOVINGTON, NEW MEXICO



AIRPORT DIAGRAM

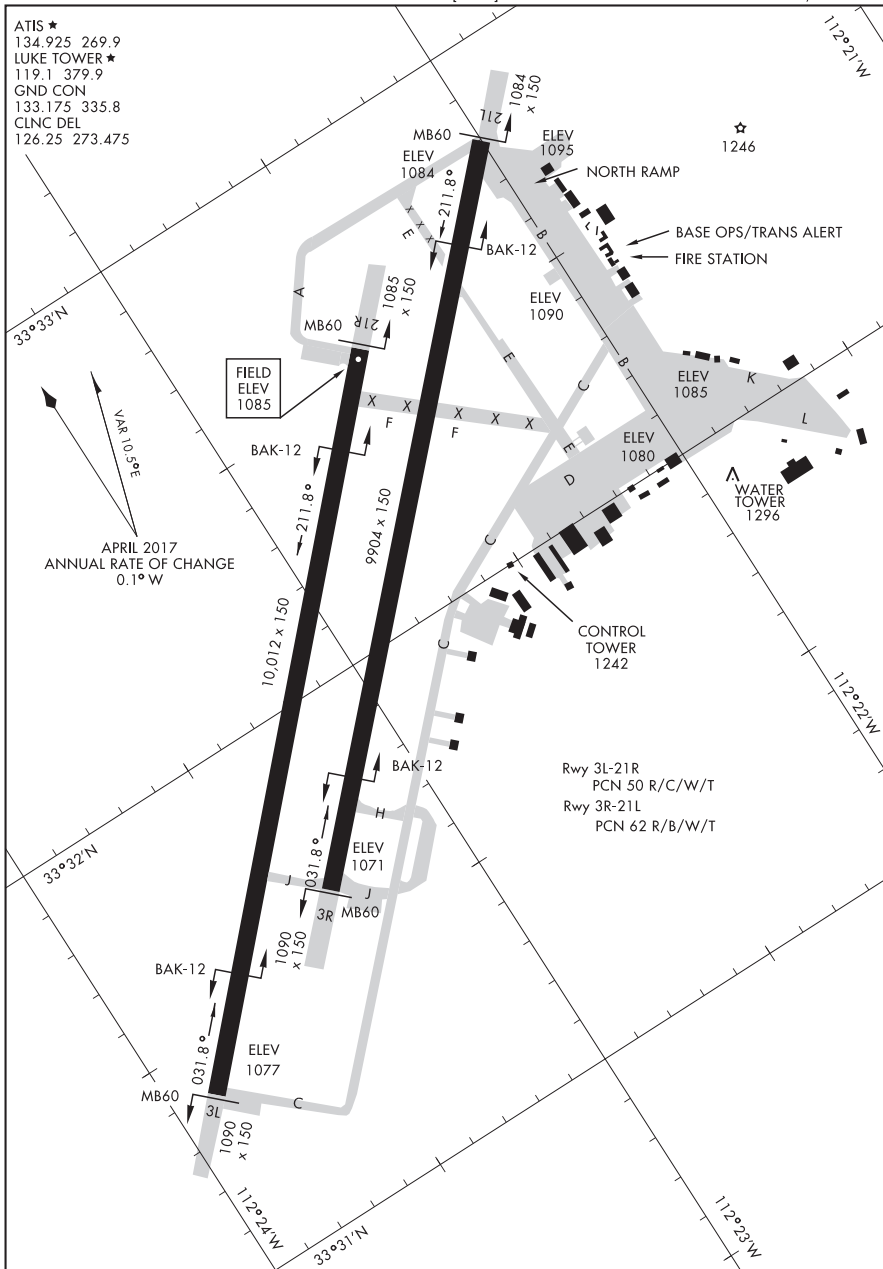
16259

LOVINGTON, NEW MEXICO
LEA COUNTY-ZIP FRANKLIN MEMORIAL (E06)

17117

AIRPORT DIAGRAM

LUKE AFB (KLUF)
 GLENDALE, ARIZONA



AIRPORT DIAGRAM

GLENDALE, ARIZONA
 LUKE AFB (KLUF)

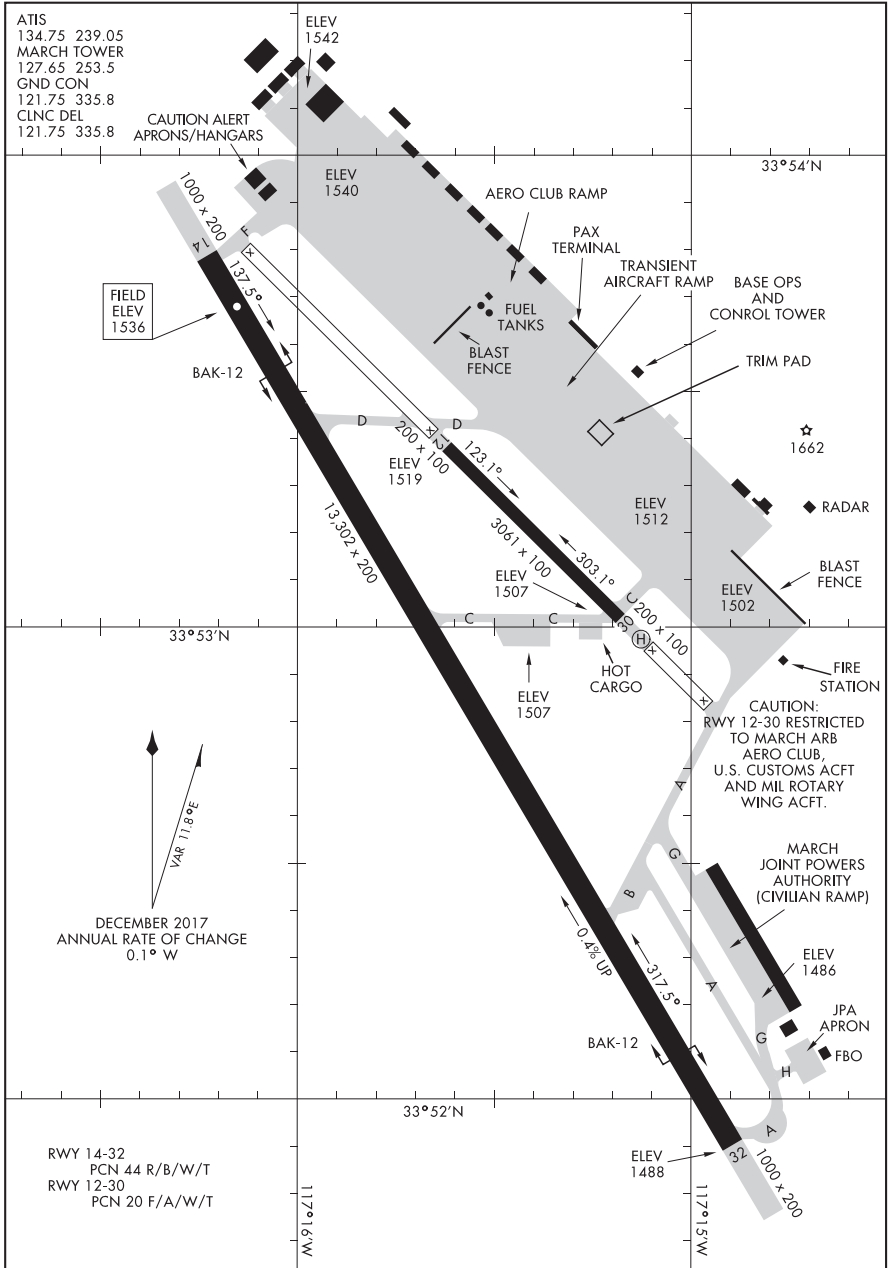
17341

MARCH ARB (KRIV)

AIRPORT DIAGRAM

AFD-348 [USAF]

RIVERSIDE, CALIFORNIA



AIRPORT DIAGRAM

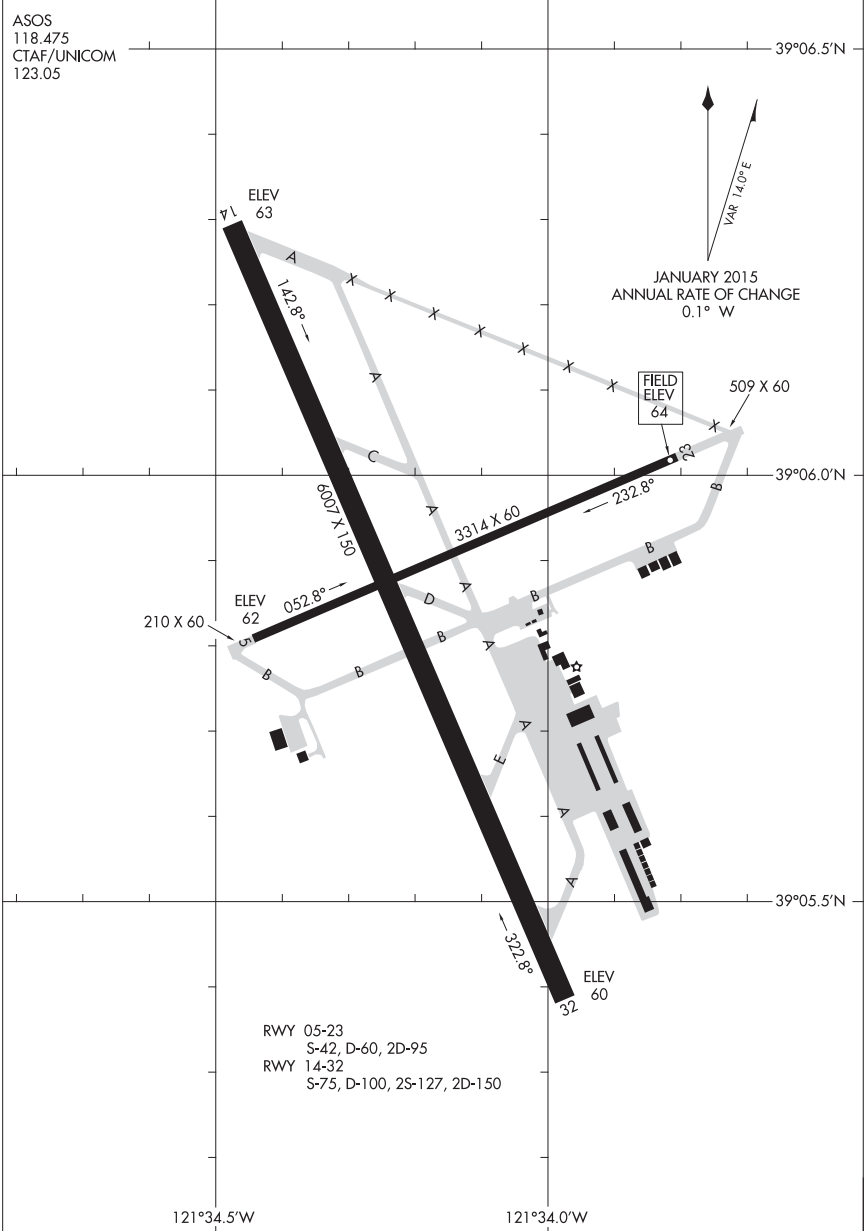
RIVERSIDE, CALIFORNIA
MARCH ARB (KRIV)

17061

AIRPORT DIAGRAM

AL-664 (FAA)

YUBA COUNTY(MYV)
MARYSVILLE, CALIFORNIA



AIRPORT DIAGRAM

17061

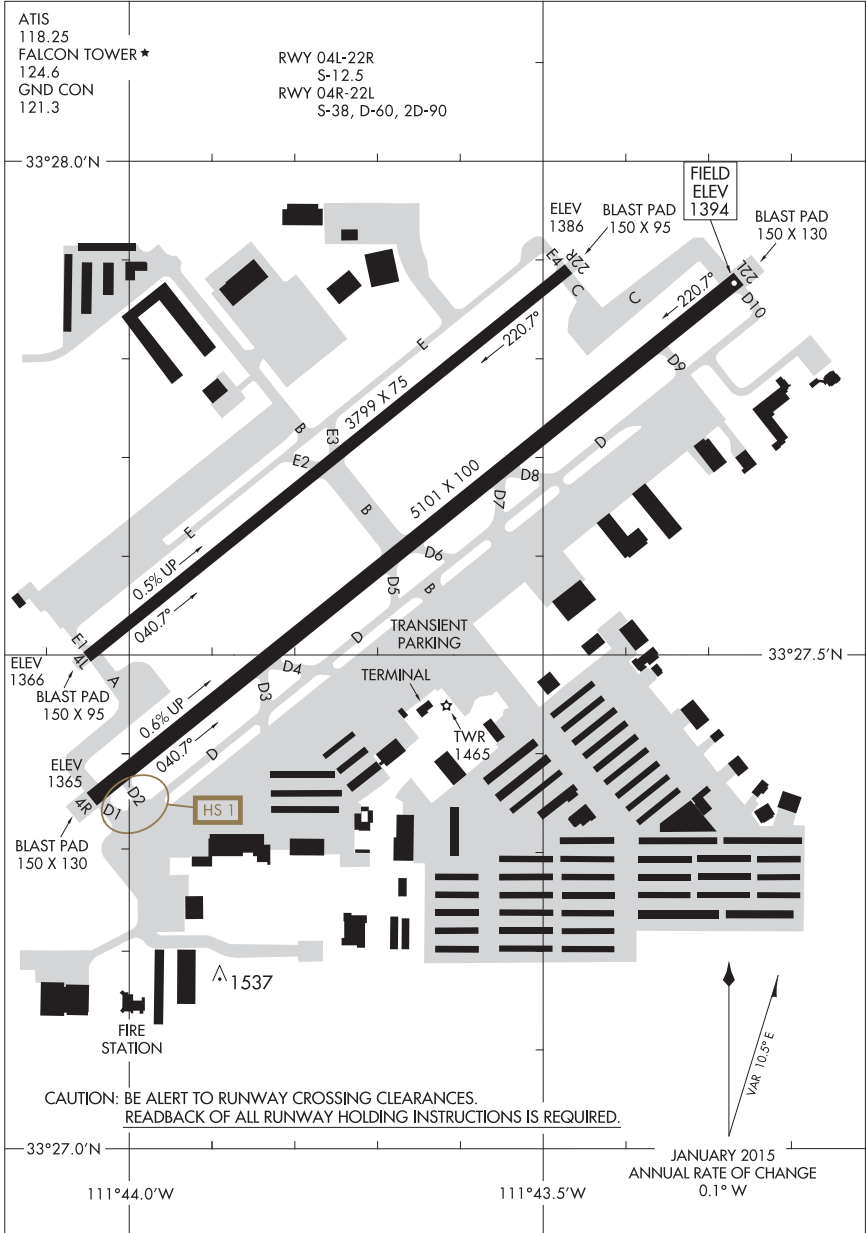
MARYSVILLE, CALIFORNIA
YUBA COUNTY(MYV)

17341

AIRPORT DIAGRAM

AL-6647 (FAA)

FALCON FIELD (F^FZ)
MESA, ARIZONA



AIRPORT DIAGRAM

17341

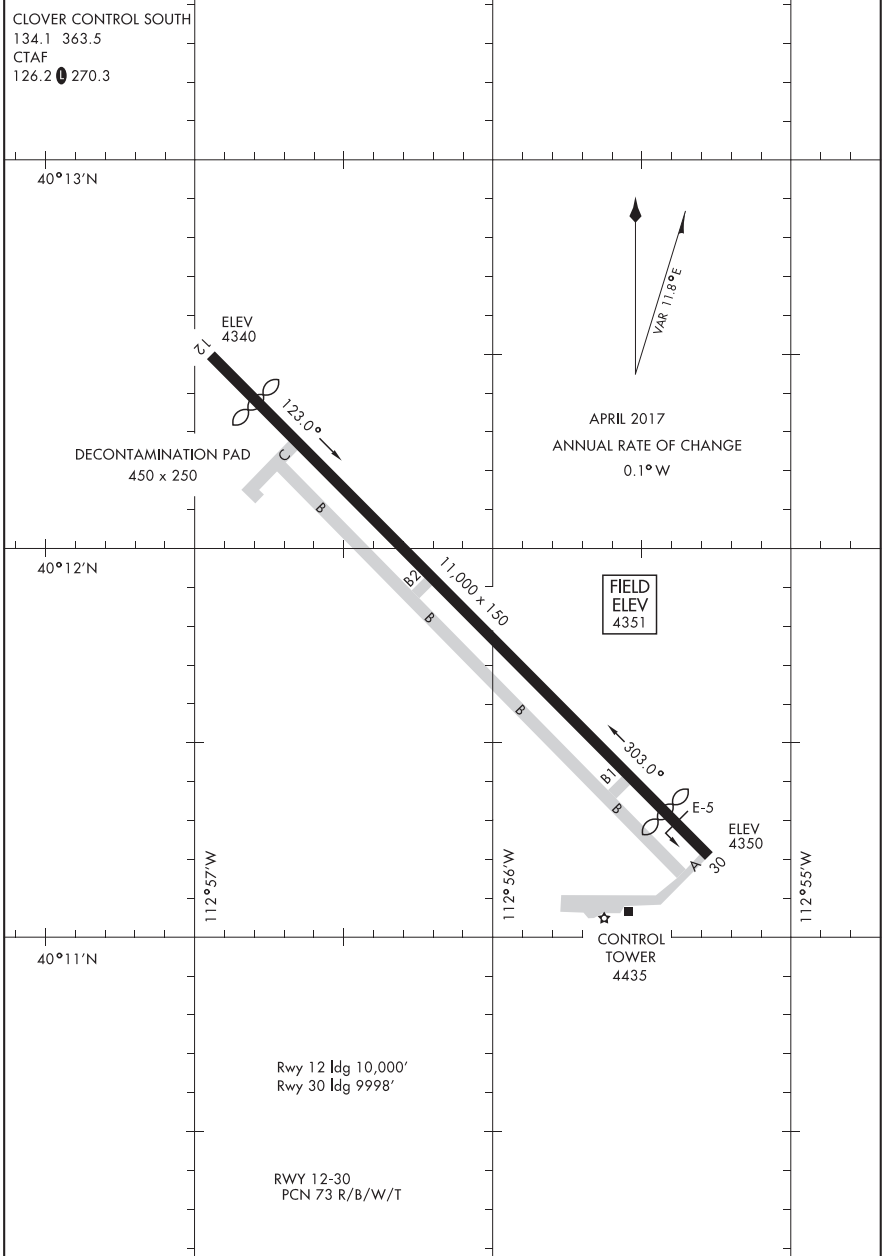
MESA, ARIZONA
FALCON FIELD (F^FZ)

17117

AIRPORT DIAGRAM

AFD-5071 [USA]

MICHAEL AAF (KDPG)
DUGWAY PROVING GROUND, UTAH



AIRPORT DIAGRAM

DUGWAY PROVING GROUND, UTAH
MICHAEL AAF (KDPG)

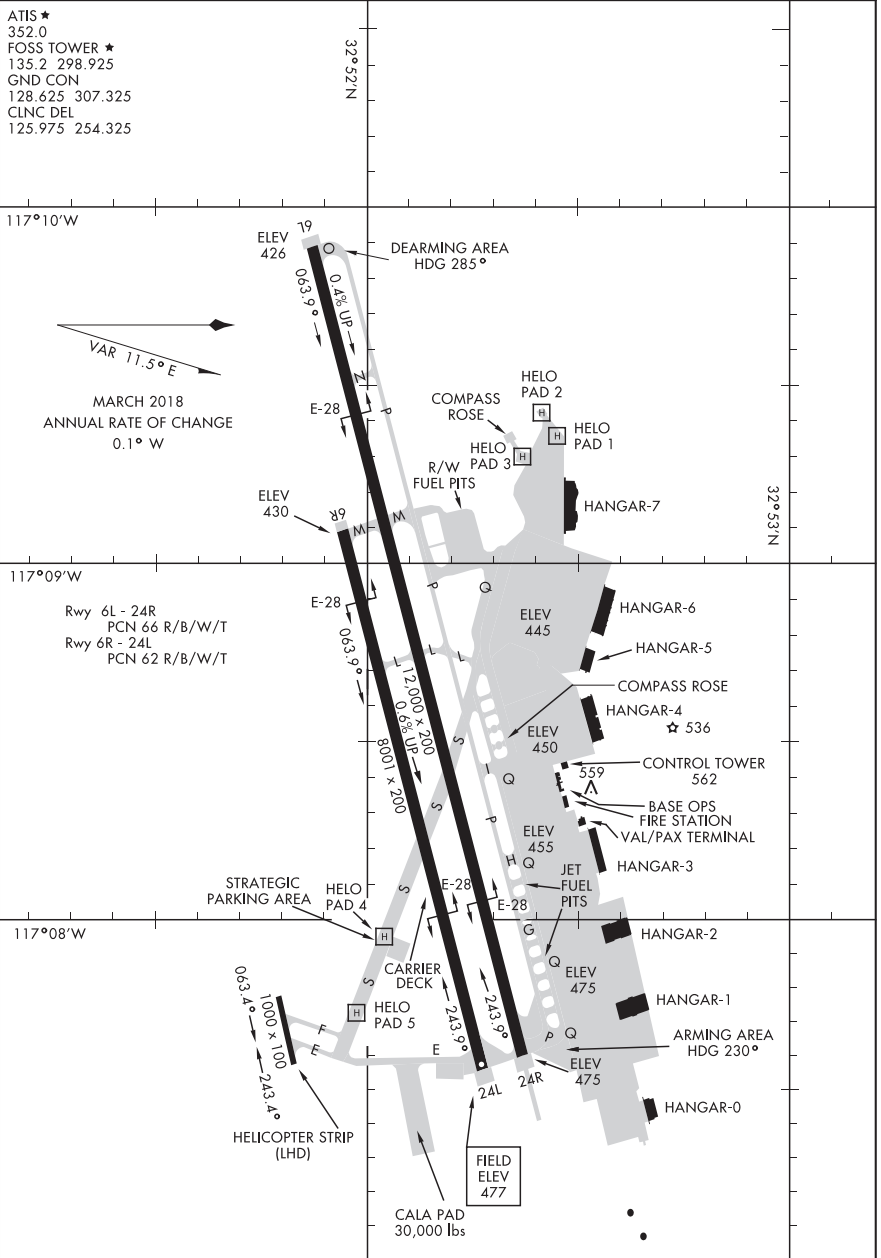
18088

MIRAMAR MCAS (JOE FOSS FLD) (KNKX)

AIRPORT DIAGRAM

AFD-903 [USN]

SAN DIEGO, CALIFORNIA



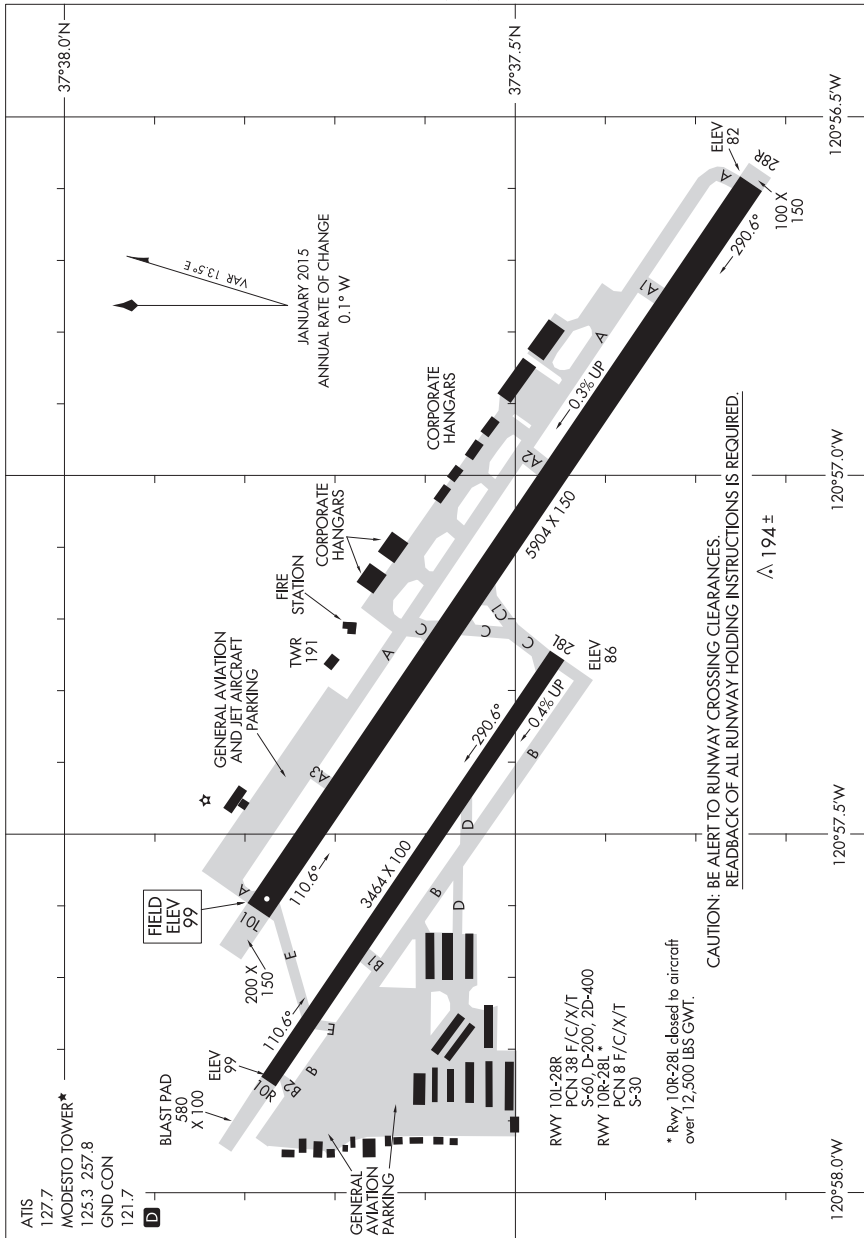
AIRPORT DIAGRAM

SAN DIEGO, CALIFORNIA
MIRAMAR MCAS (JOE FOSS FLD) (KNKX)

18032

AIRPORT DIAGRAM

MODESTO CITY-COUNTY-HARRY SHAM FIELD (MOD)
AL-643 (FAA) MODESTO, CALIFORNIA



AIRPORT DIAGRAM

MODESTO, CALIFORNIA
MODESTO CITY-COUNTY-HARRY SHAM FIELD (MOD)

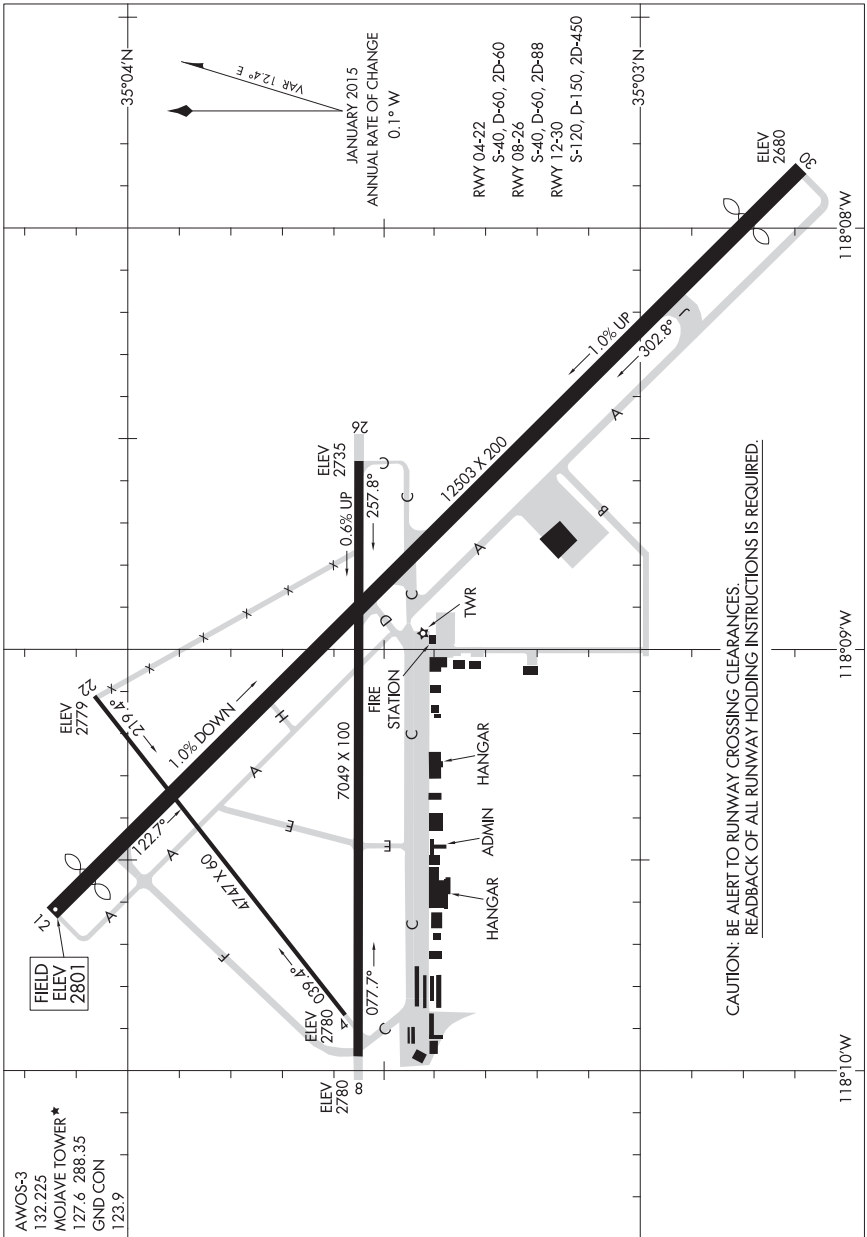
18032

17061

AIRPORT DIAGRAM

AL-9353 (FAA)

MOJAVE AIR AND SPACE PORT (MHV)
MOJAVE, CALIFORNIA



AIRPORT DIAGRAM

17061

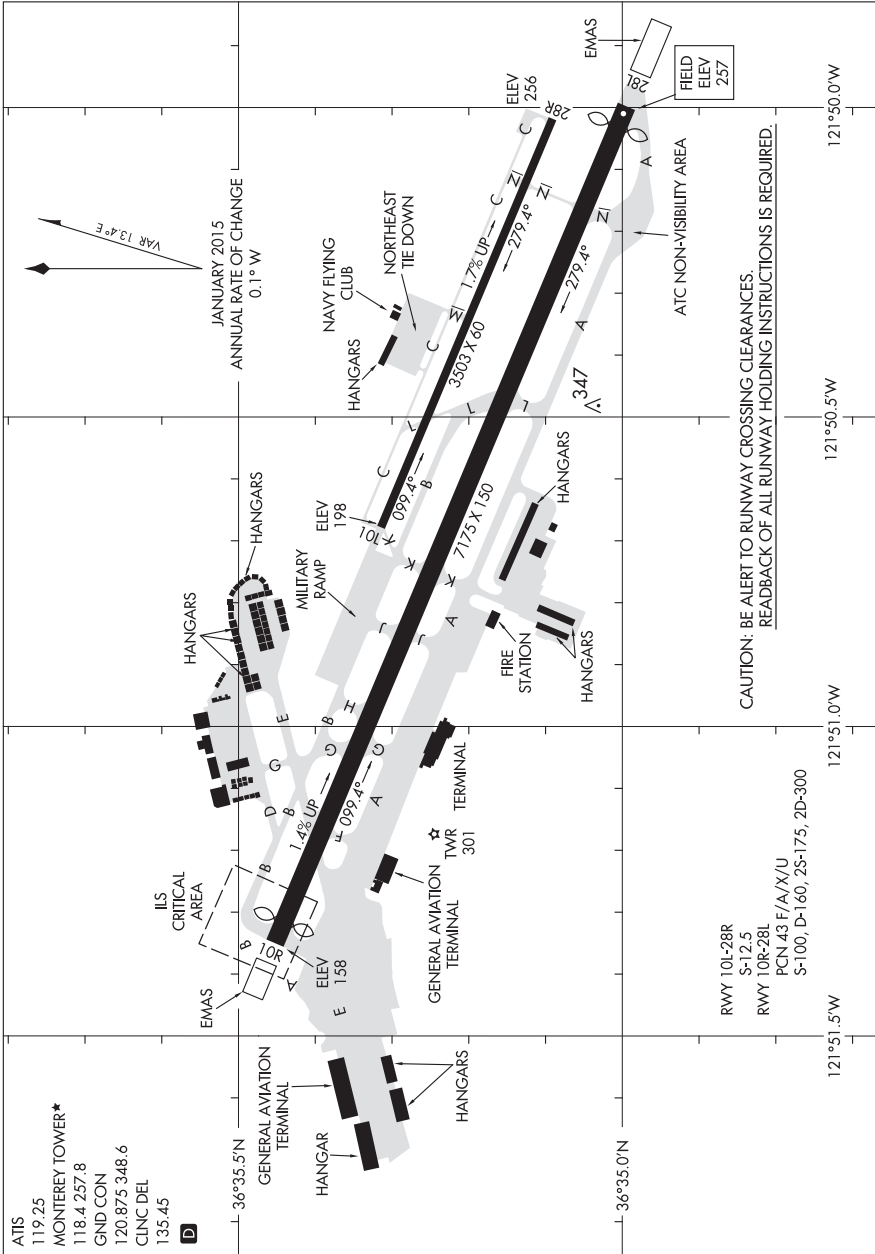
MOJAVE, CALIFORNIA
MOJAVE AIR AND SPACE PORT (MHV)

15344

AIRPORT DIAGRAM

AL-271 (FAA)

MONTEREY RGNL (MRY)
MONTEREY, CALIFORNIA



AIRPORT DIAGRAM

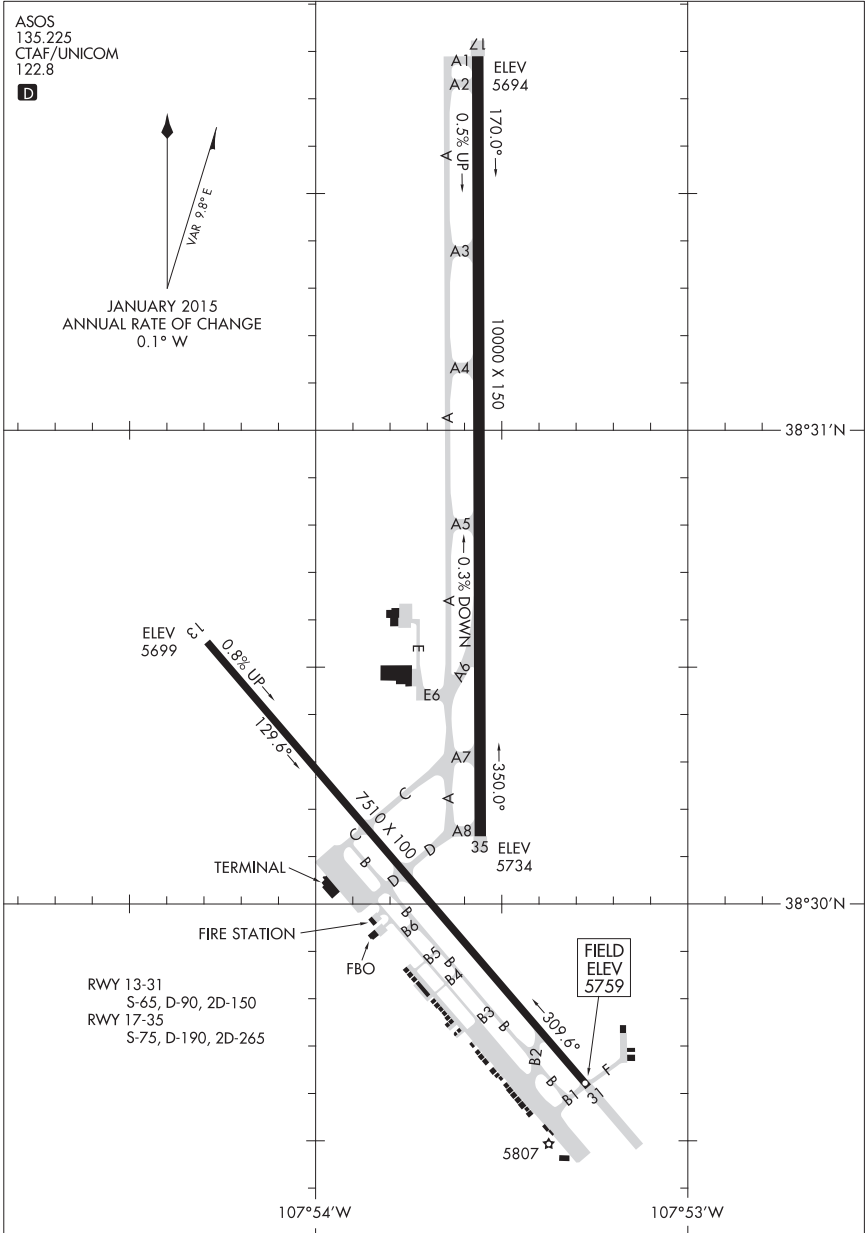
15344

MONTEREY, CALIFORNIA
MONTEREY RGNL (MRY)

17341
AIRPORT DIAGRAM

AL-668 (FAA)

MONTROSE RGNL (MTJ)
MONTROSE, COLORADO



AIRPORT DIAGRAM
17341

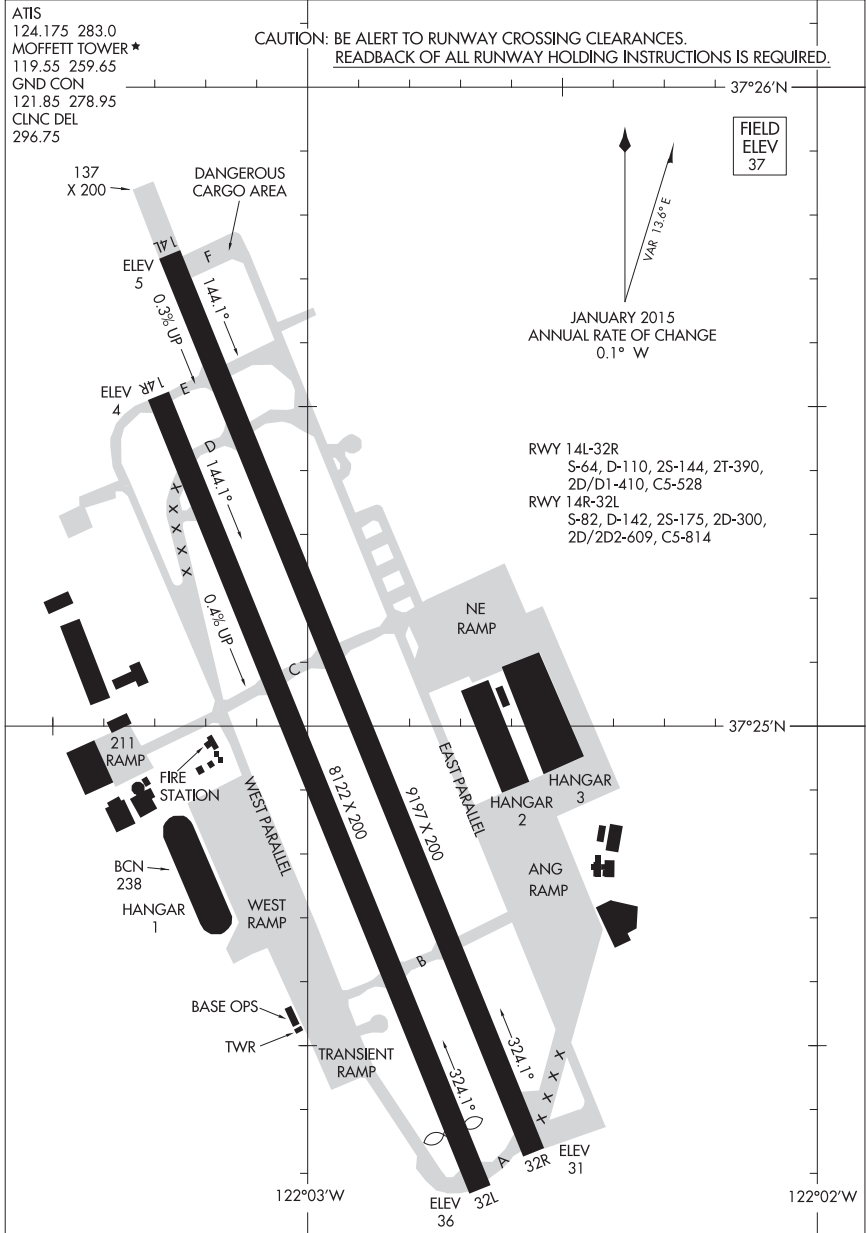
MONTROSE, COLORADO
MONTROSE RGNL (MTJ)

15064

AIRPORT DIAGRAM

AL-410 (FAA)

MOFFETT FEDERAL AIRFIELD (NUQ)
MOUNTAIN VIEW, CALIFORNIA



AIRPORT DIAGRAM

MOUNTAIN VIEW, CALIFORNIA
MOFFETT FEDERAL AIRFIELD (NUQ)

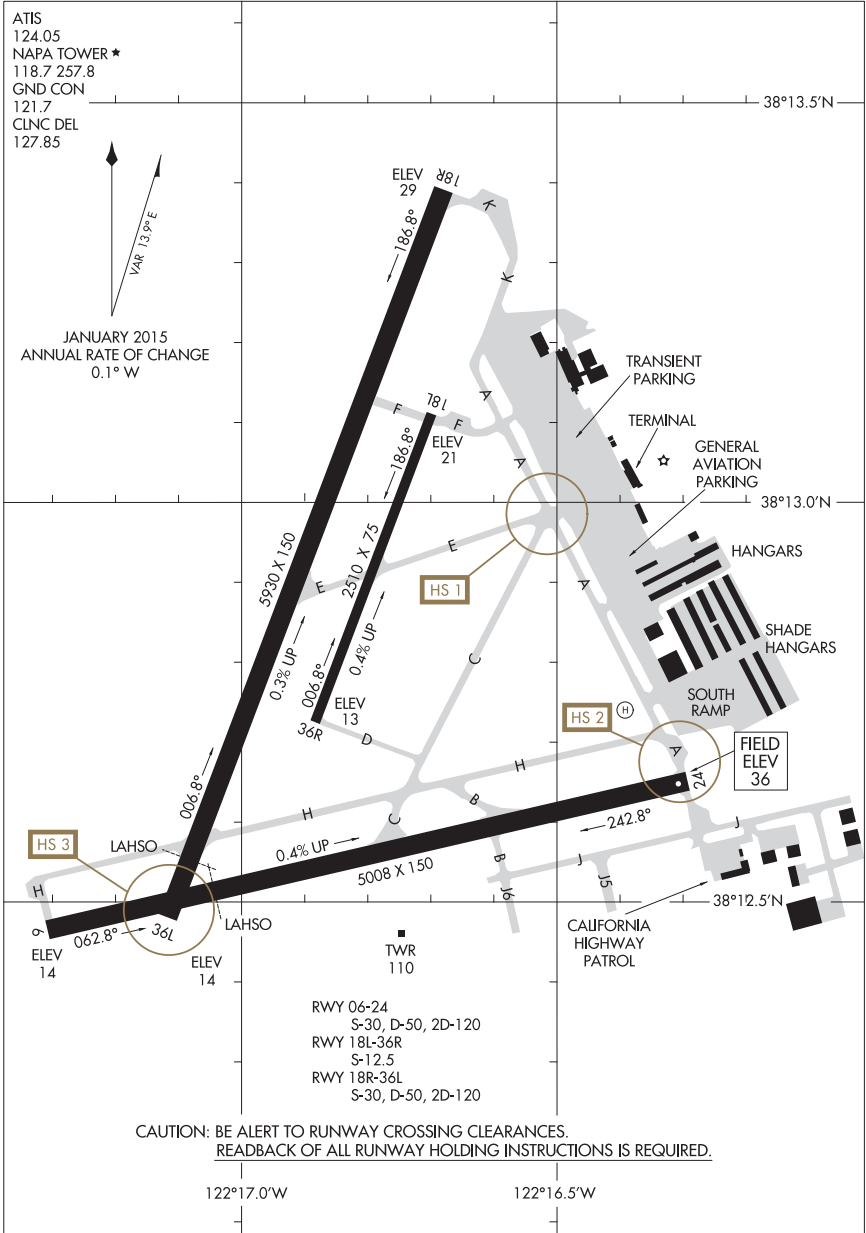
15064

17341

AIRPORT DIAGRAM

AL-281 (FAA)

NAPA COUNTY (APC)
NAPA, CALIFORNIA



AIRPORT DIAGRAM

17341

NAPA, CALIFORNIA
NAPA COUNTY (APC)

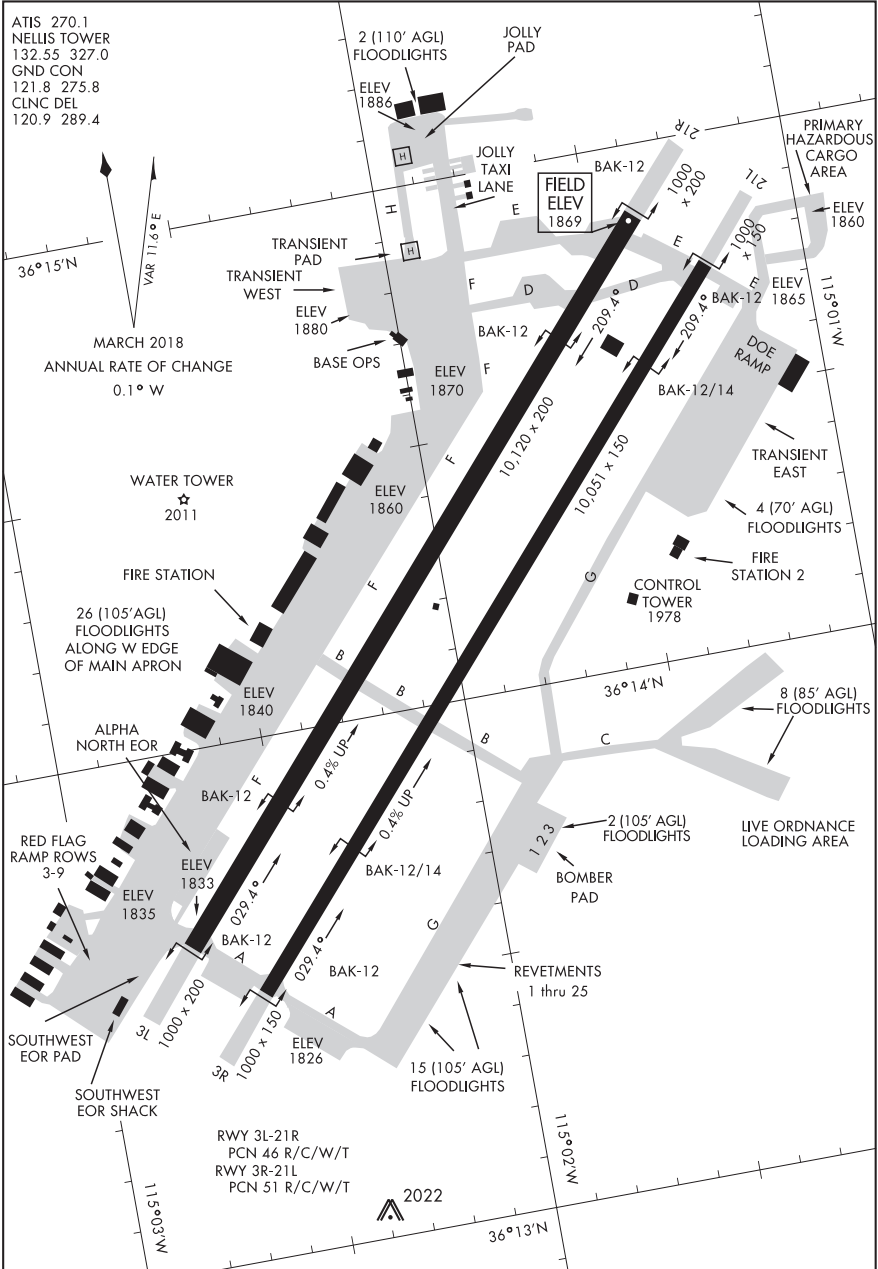
18088

NELLIS AFB (KLSV)

AIRPORT DIAGRAM

AFD-227 [USAF]

LAS VEGAS, NEVADA



AIRPORT DIAGRAM

LAS VEGAS, NEVADA

NELLIS AFB (KLSV)

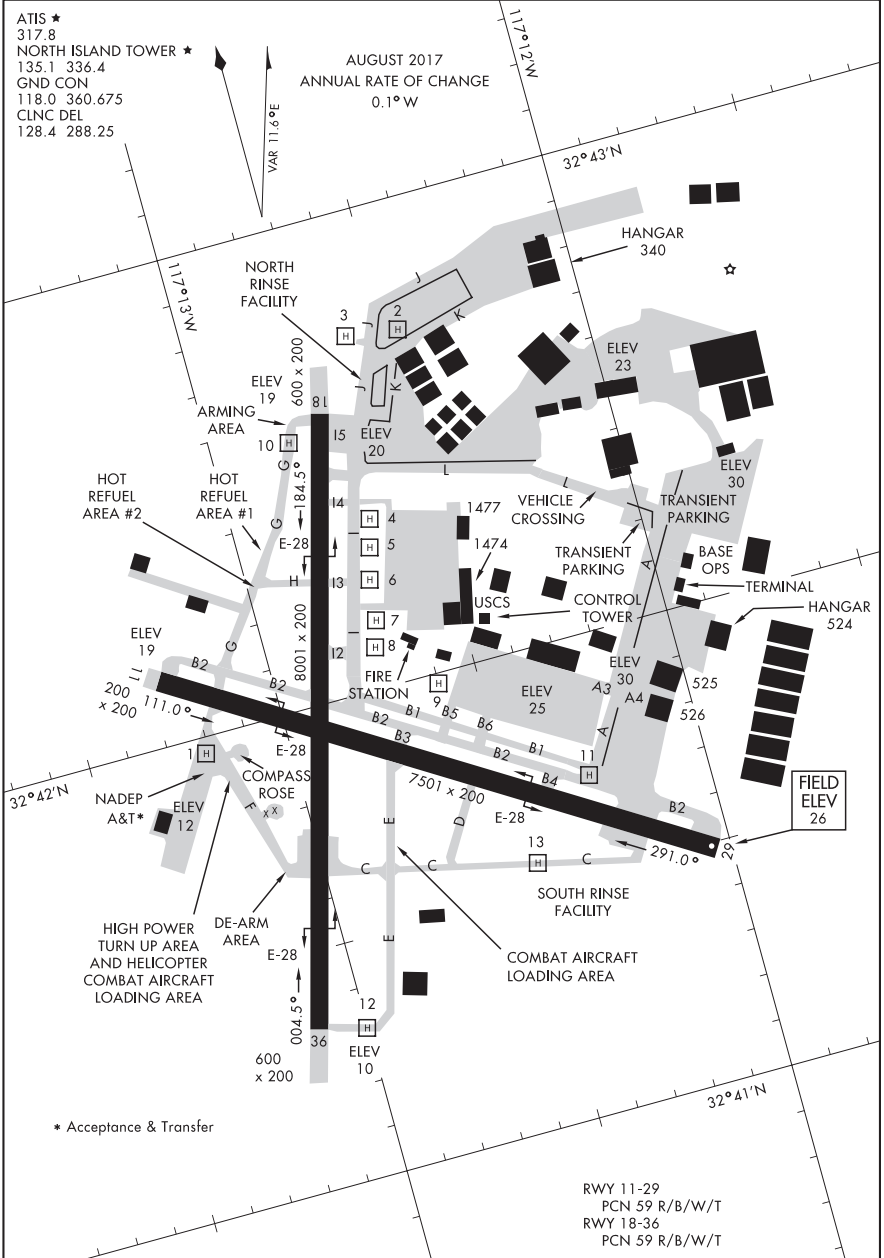
17229

NORTH ISLAND NAS (HALSEY FIELD) (KNZY)

AIRPORT DIAGRAM

AFD-374 [USN]

SAN DIEGO, CALIFORNIA



AIRPORT DIAGRAM

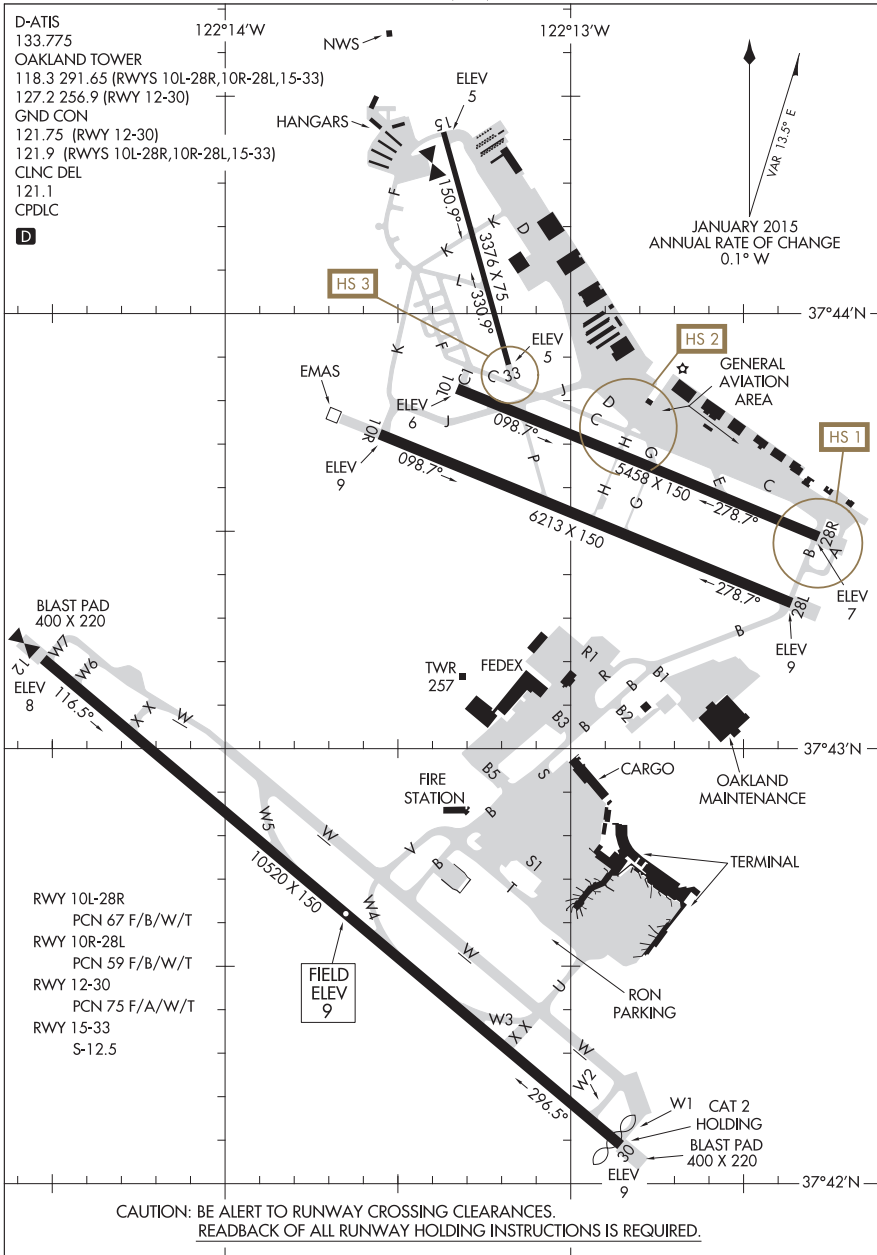
SAN DIEGO, CALIFORNIA
NORTH ISLAND NAS (HALSEY FIELD) (KNZY)

17285

AIRPORT DIAGRAM

METROPOLITAN OAKLAND INTL (OAK)
OAKLAND, CALIFORNIA

AL-294 (FAA)



AIRPORT DIAGRAM

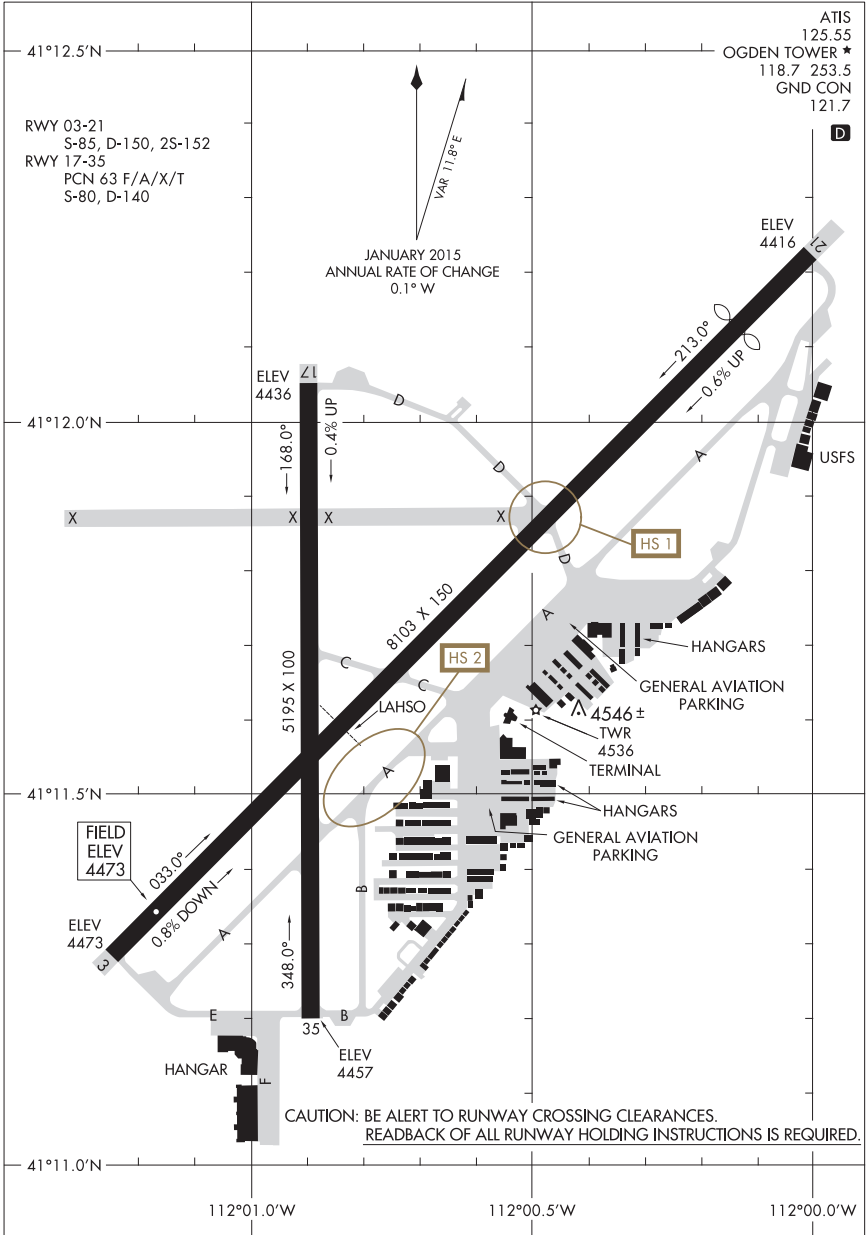
17285

OAKLAND, CALIFORNIA
METROPOLITAN OAKLAND INTL (OAK)

18088
AIRPORT DIAGRAM

AL-297 (FAA)

OGDEN-HINCKLEY (OGD)
OGDEN, UTAH



AIRPORT DIAGRAM
18088

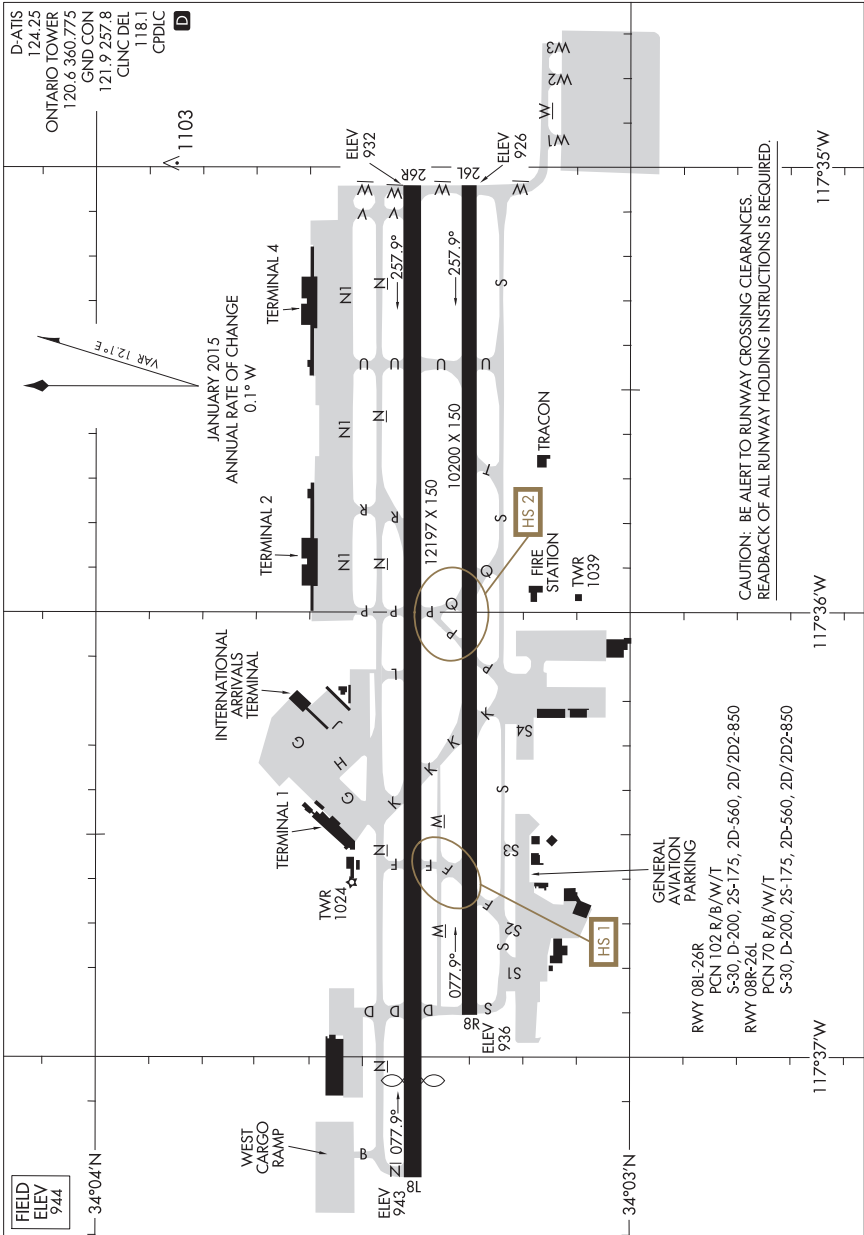
OGDEN, UTAH
OGDEN-HINCKLEY (OGD)

17117

AIRPORT DIAGRAM

AL-965 (FAA)

ONTARIO INTL (ONT)
ONTARIO, CALIFORNIA



AIRPORT DIAGRAM

17117

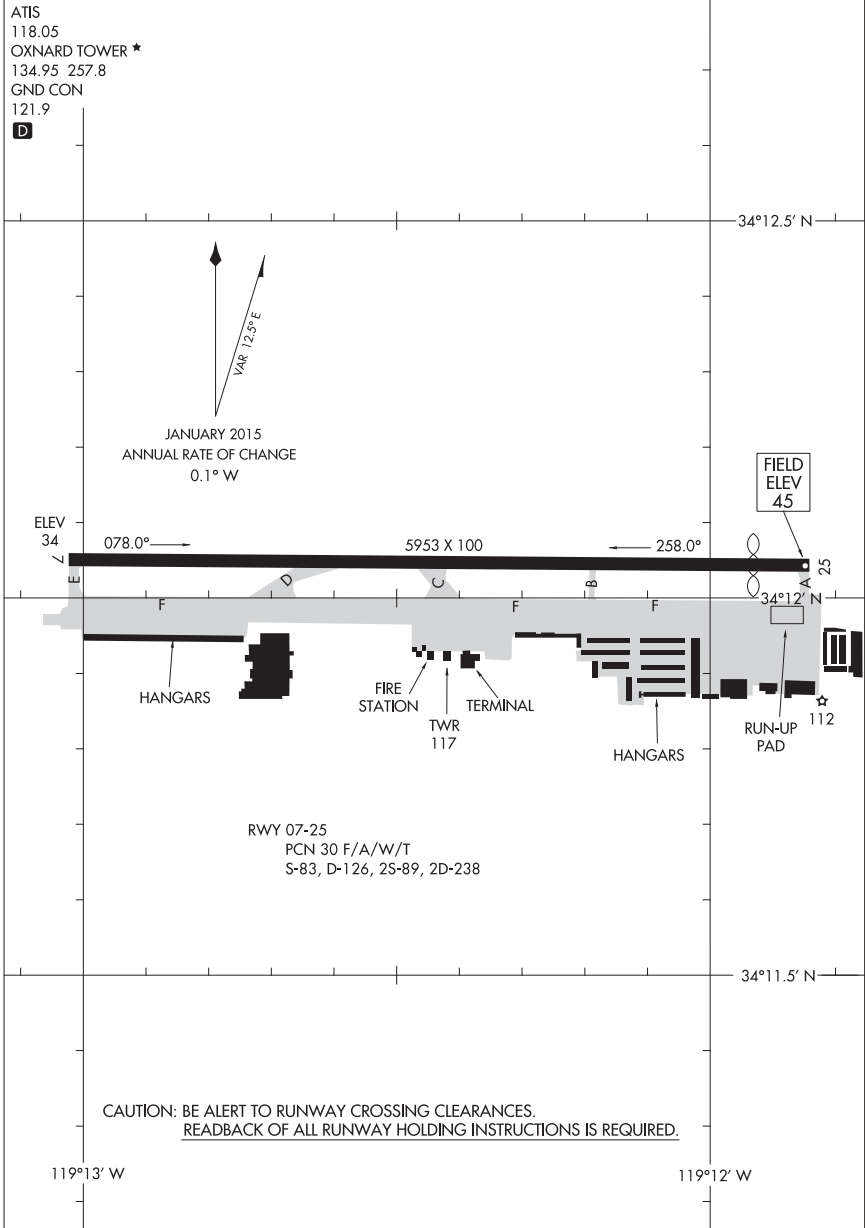
ONTARIO, CALIFORNIA
ONTARIO INTL (ONT)

16259

AIRPORT DIAGRAM

AL-674 (FAA)

OXNARD (OXR)
OXNARD, CALIFORNIA



AIRPORT DIAGRAM

16259

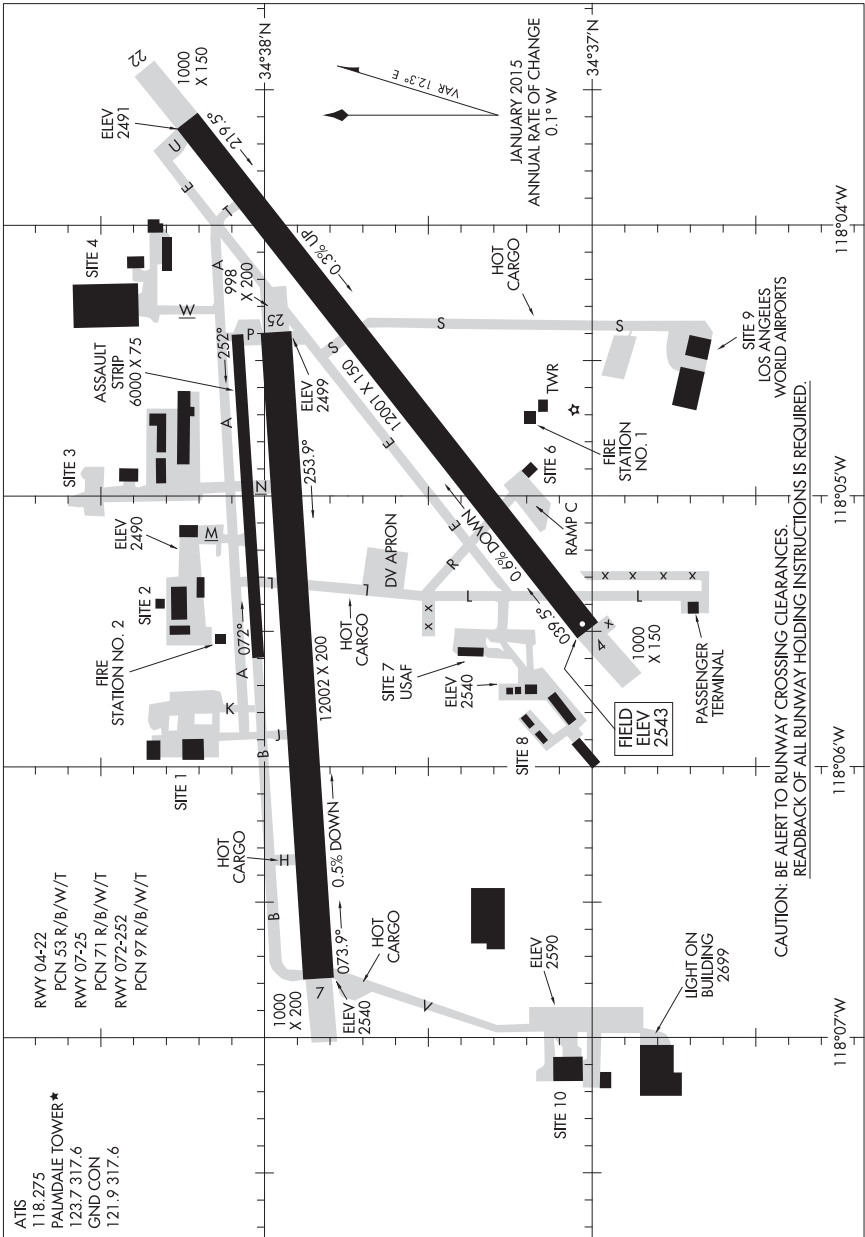
OXNARD, CALIFORNIA
OXNARD (OXR)

17173

AIRPORT DIAGRAM

AL-310 (FAA)

PALMDALE USAF PLANT 42 (PMD)
PALMDALE, CALIFORNIA



AIRPORT DIAGRAM

17173

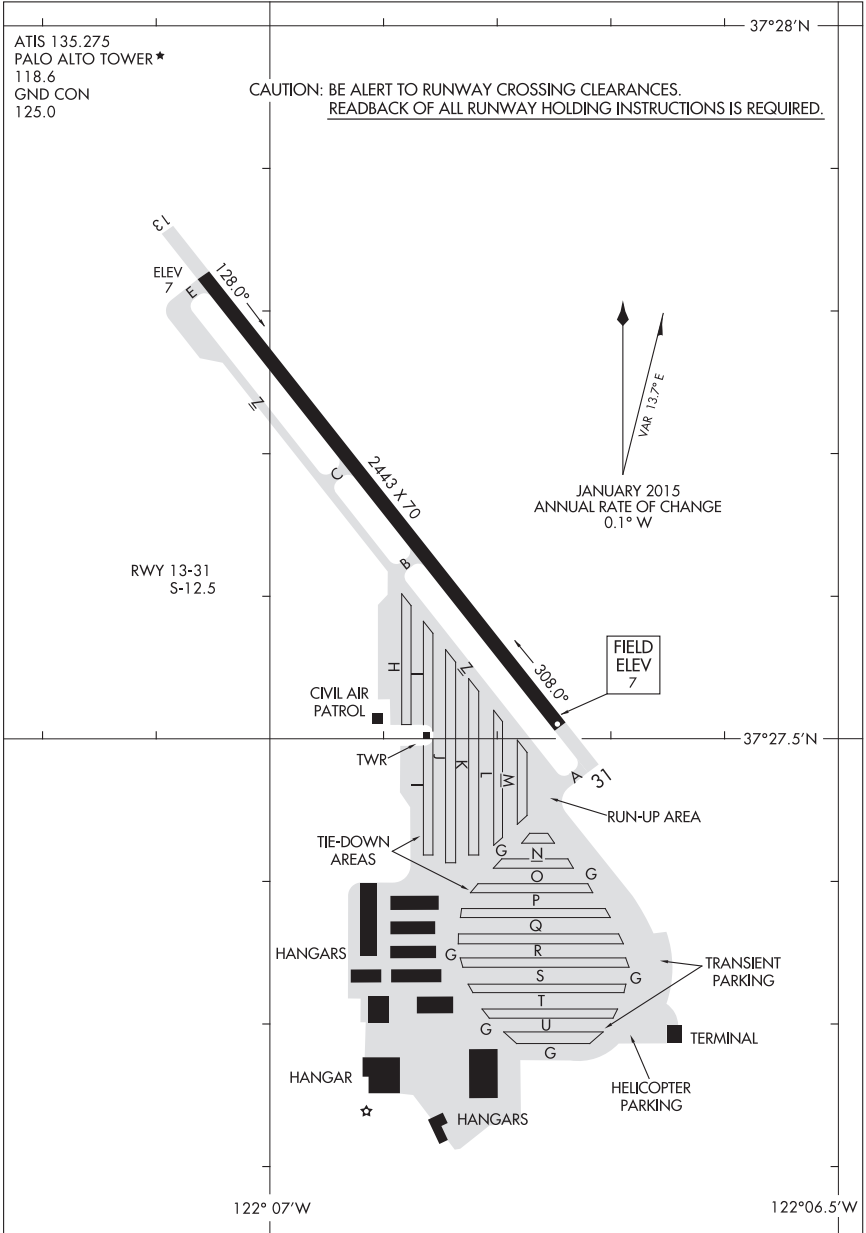
PALMDALE, CALIFORNIA
PALMDALE USAF PLANT 42 (PMD)

15288

AIRPORT DIAGRAM

AL-9216 (FAA)

PALO ALTO (P.A.O)
PALO ALTO, CALIFORNIA



AIRPORT DIAGRAM

15288

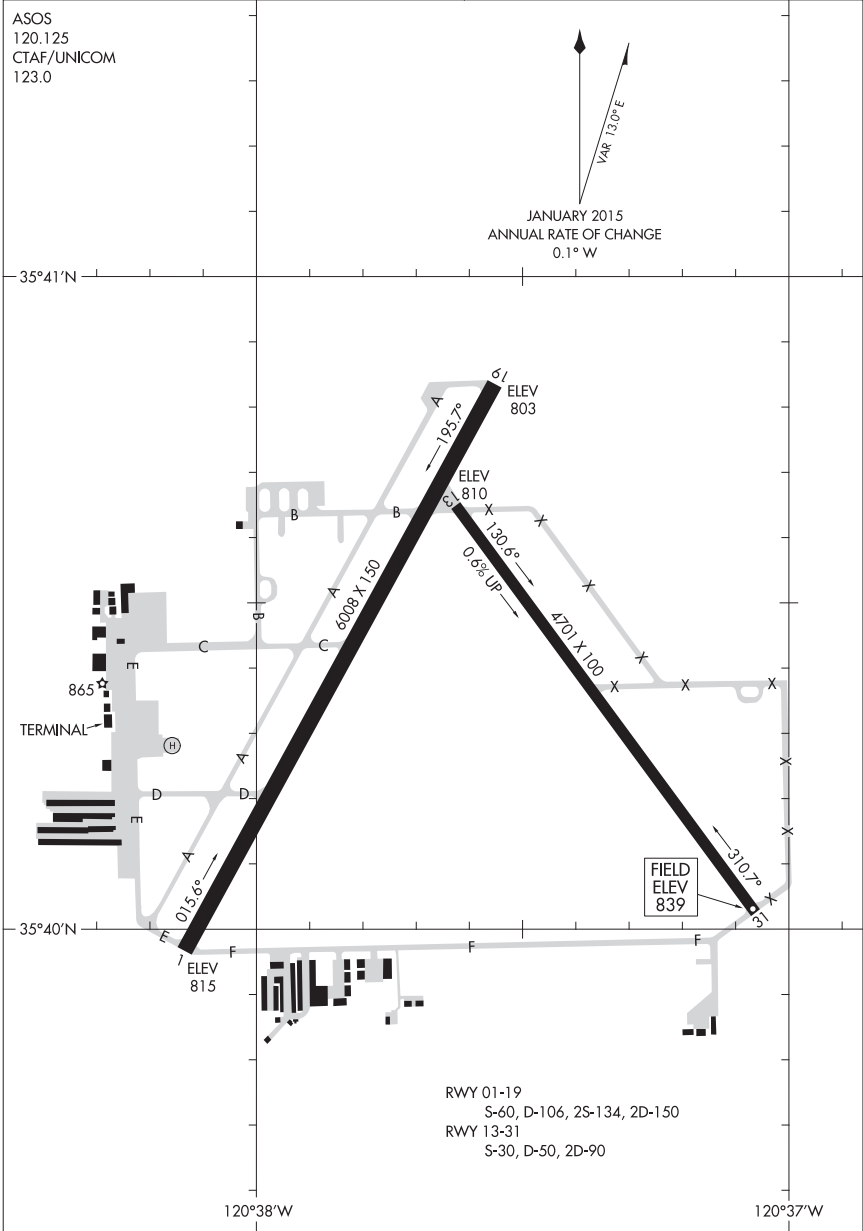
PALO ALTO, CALIFORNIA
PALO ALTO (P.A.O)

15064

AIRPORT DIAGRAM

AL-858 (FAA)

PASO ROBLES MUNI (PRB)
PASO ROBLES, CALIFORNIA



AIRPORT DIAGRAM

15064

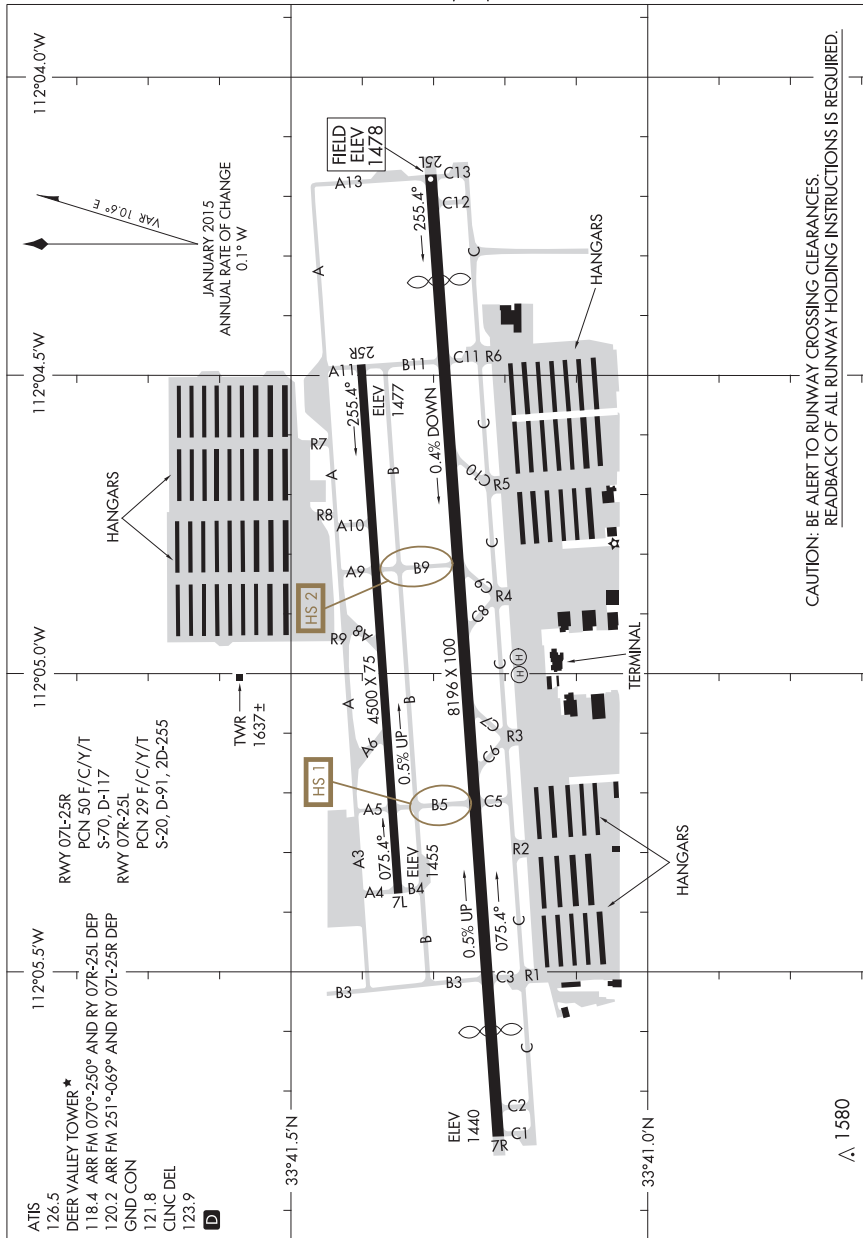
PASO ROBLES, CALIFORNIA
PASO ROBLES MUNI (PRB)

18088

AIRPORT DIAGRAM

AL-6646 (FAA)

PHOENIX DEER VALLEY (DVT)
PHOENIX, ARIZONA



CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

△ 1580

AIRPORT DIAGRAM

PHOENIX, ARIZONA
PHOENIX DEER VALLEY (DVT)

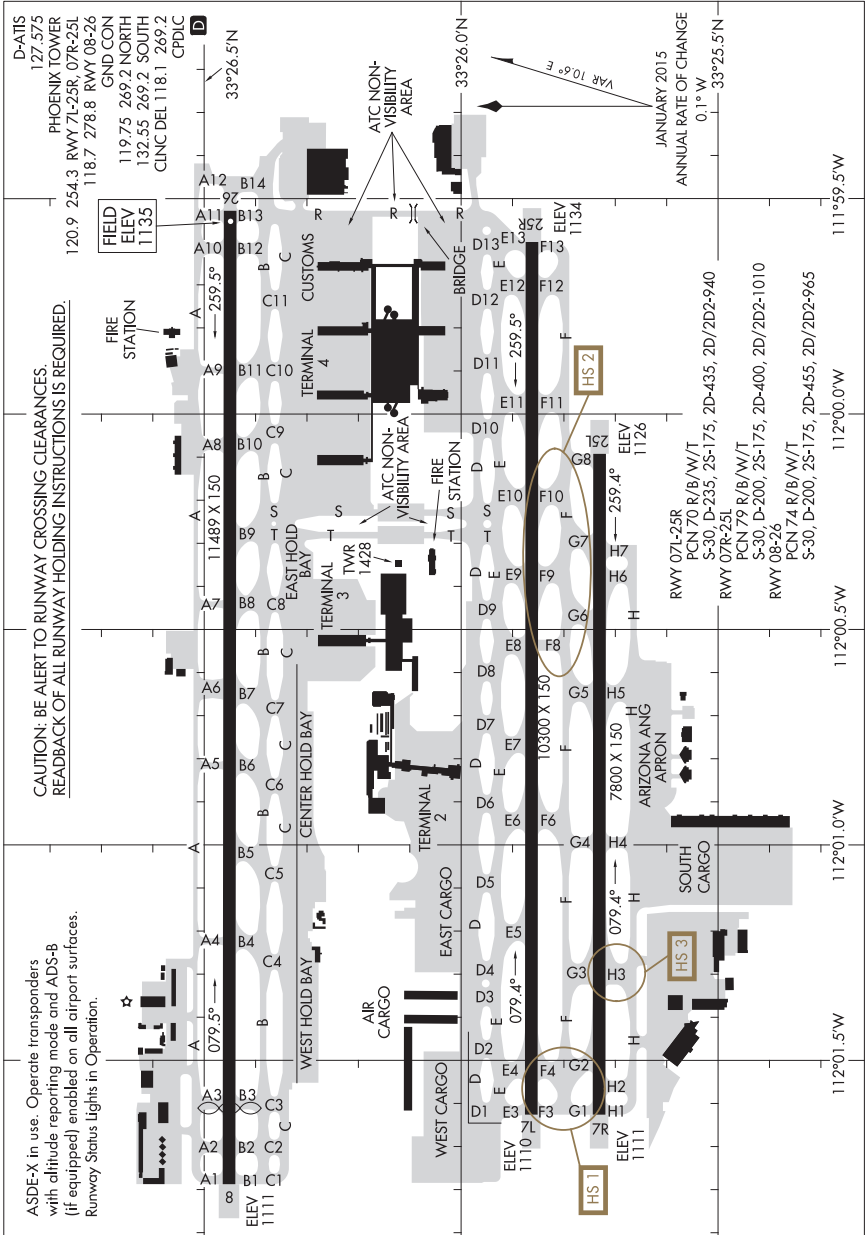
18088

17173

AIRPORT DIAGRAM

PHOENIX SKY HARBOR INTL (PHX)
PHOENIX, ARIZONA

AL-322 (FAA)



CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

ASDE-X in use. Operate transponders with altitude reporting mode and ADS-B (if equipped) enabled on all airport surfaces. Runway Status Lights in Operation.

AIRPORT DIAGRAM

PHOENIX, ARIZONA
PHOENIX SKY HARBOR INTL (PHX)

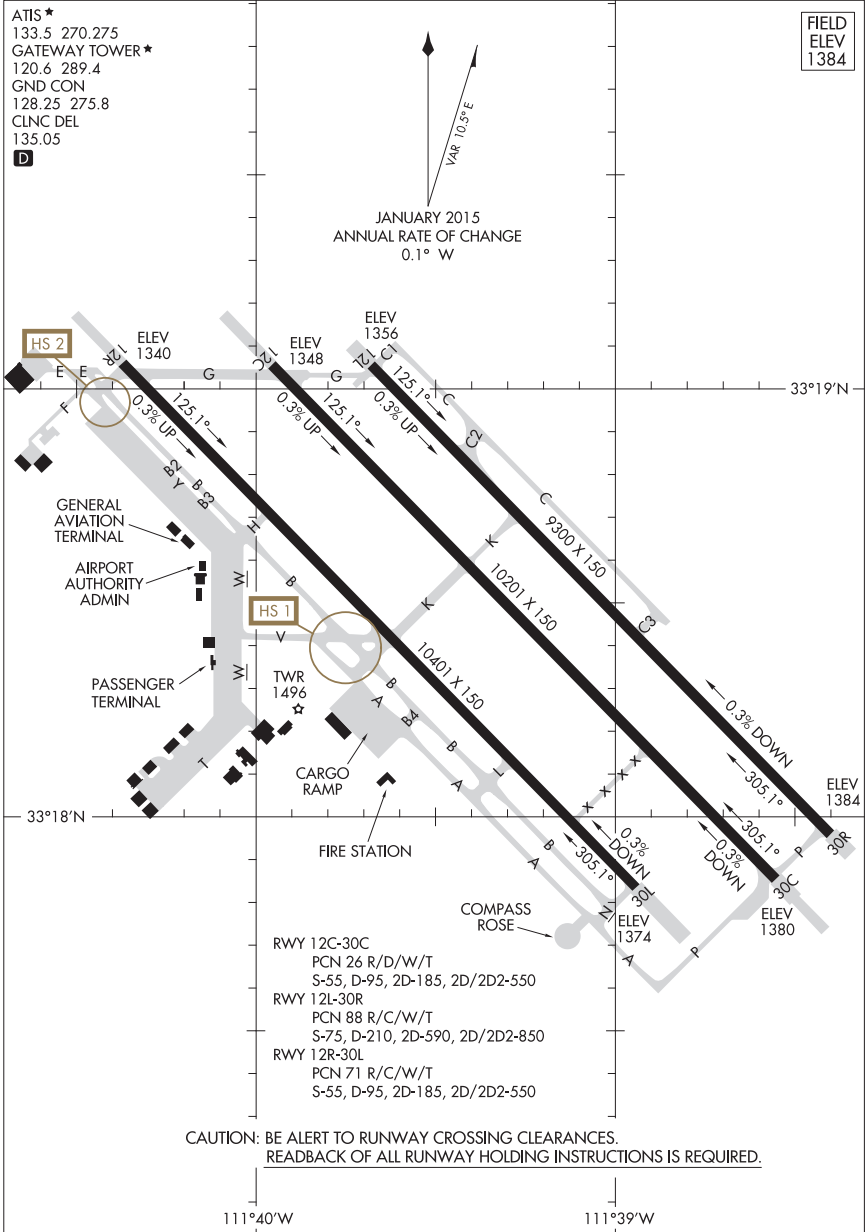
17173

18088

AIRPORT DIAGRAM

AL-74 (FAA)

PHOENIX-MESA GATEWAY (IWA)
PHOENIX, ARIZONA



AIRPORT DIAGRAM

18088

PHOENIX, ARIZONA
PHOENIX-MESA GATEWAY (IWA)

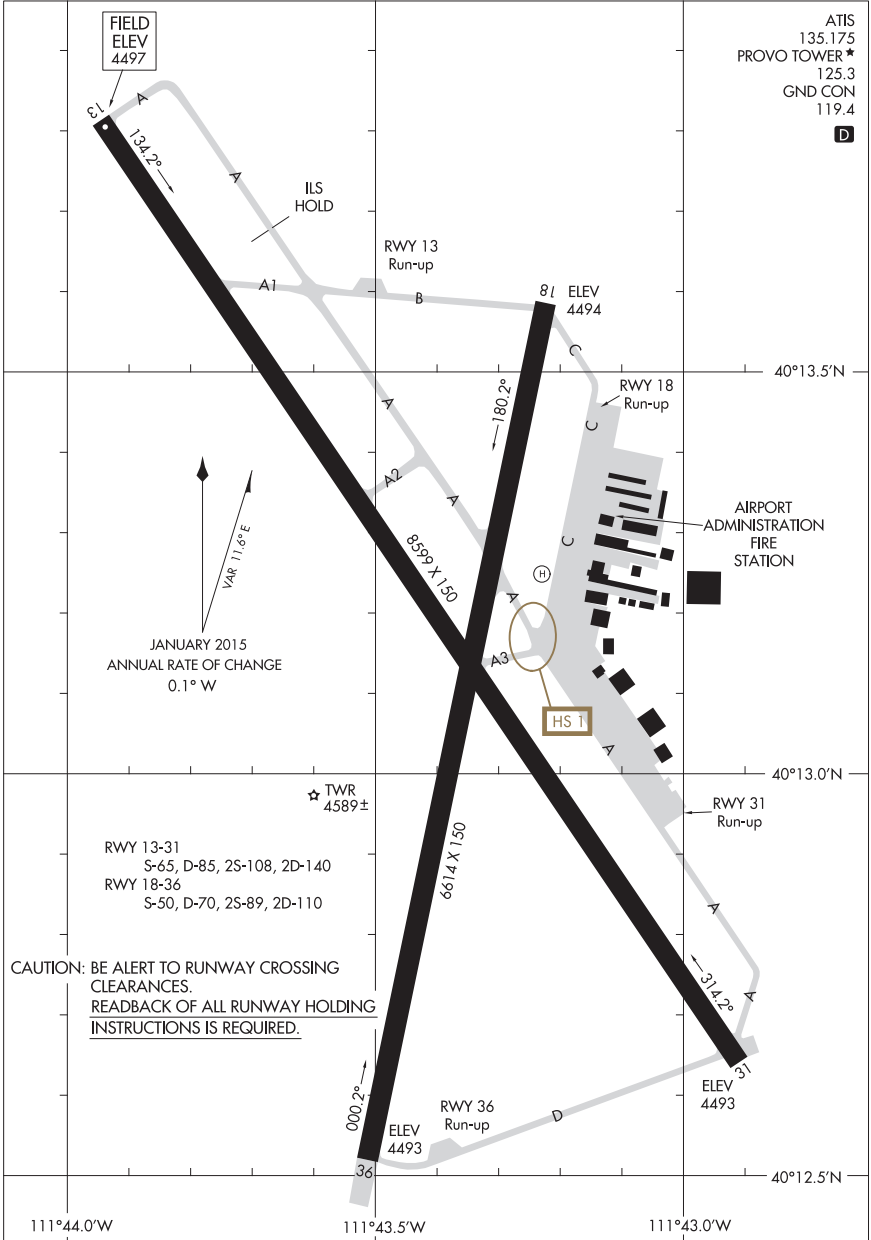
16147

AIRPORT DIAGRAM

AL-683 (FAA)

PROVO MUNI (PVU)

PROVO, UTAH



AIRPORT DIAGRAM

16147

PROVO, UTAH

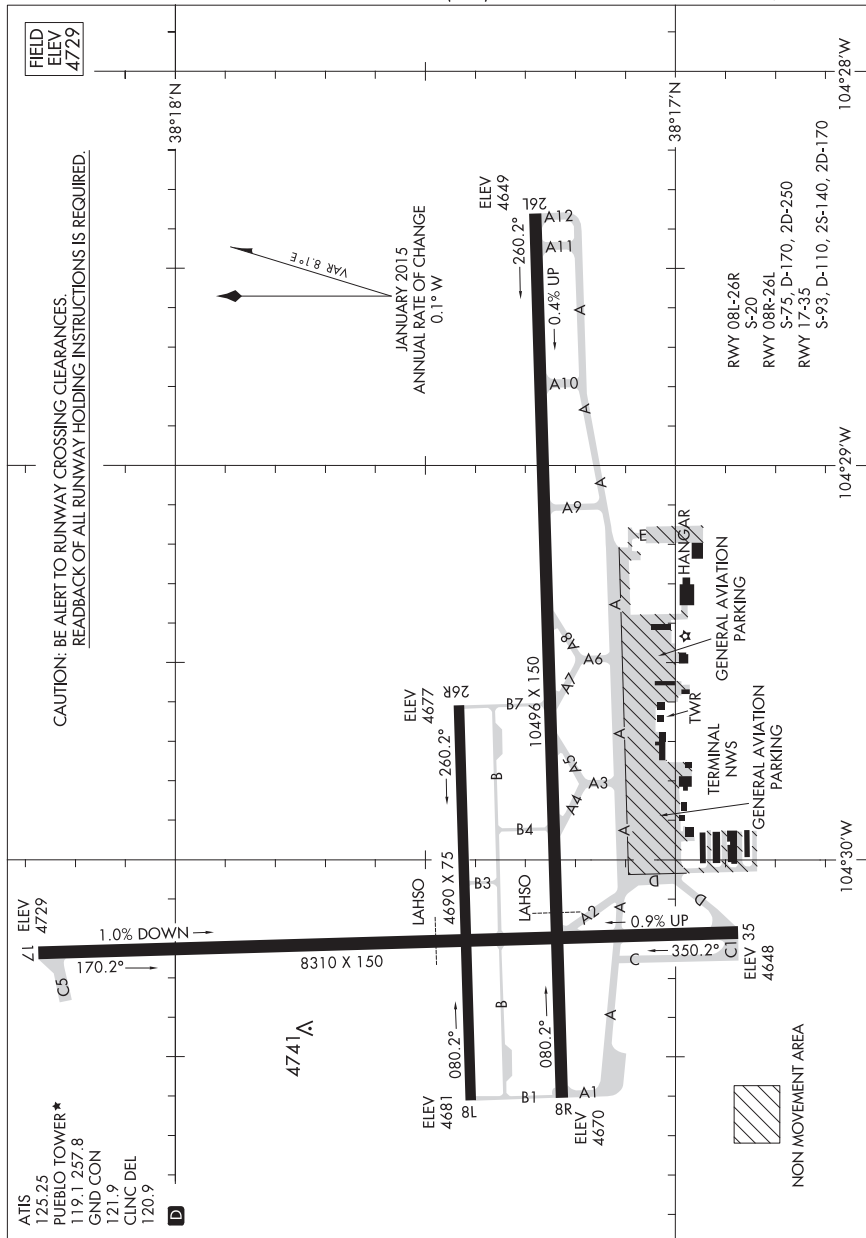
PROVO MUNI (PVU)

18088

AIRPORT DIAGRAM

AL-334 (FAA)

PUEBLO MEMORIAL (PUB)
PUEBLO, COLORADO



AIRPORT DIAGRAM

18088

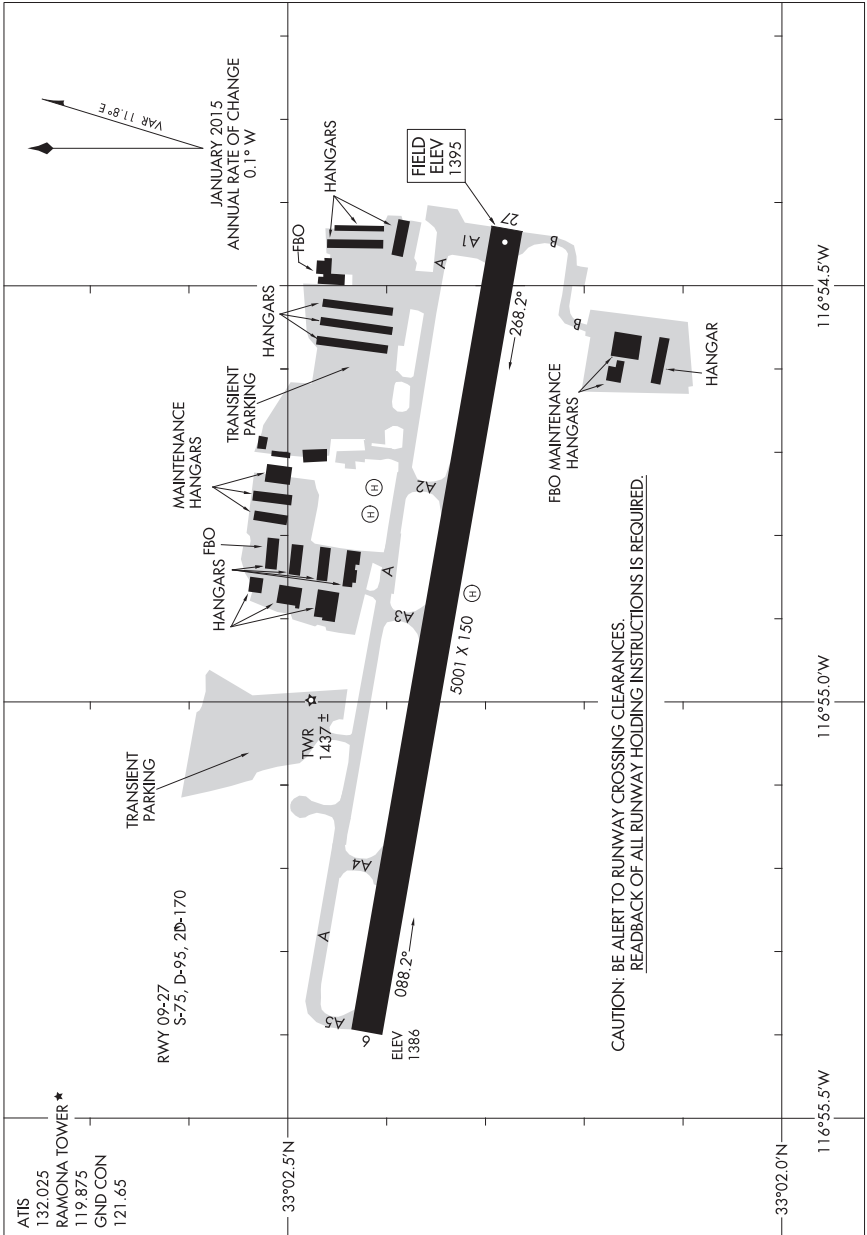
PUEBLO, COLORADO
PUEBLO MEMORIAL (PUB)

16315

AIRPORT DIAGRAM

AL-6667 (FAA)

RAMONA (R.NM)
RAMONA, CALIFORNIA



AIRPORT DIAGRAM

16315

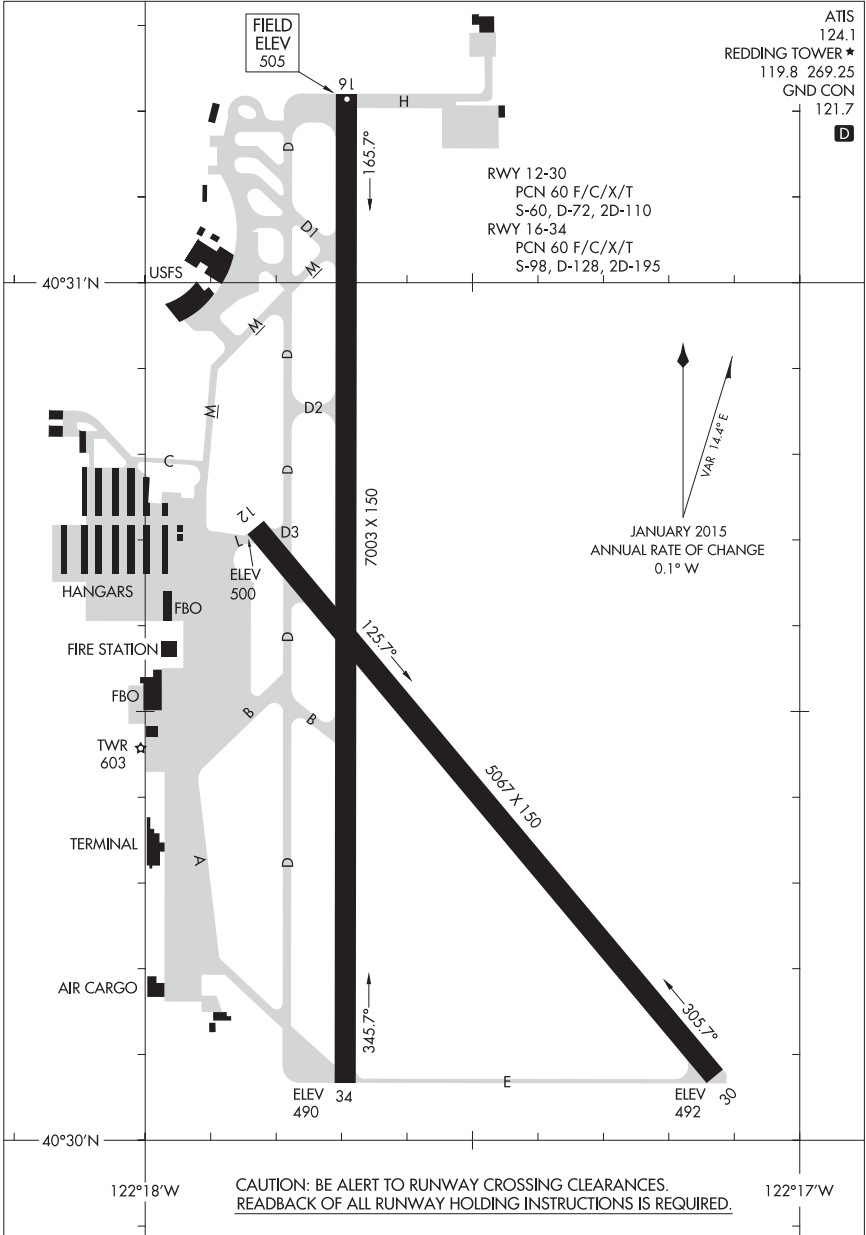
RAMONA, CALIFORNIA
RAMONA (R.NM)

18032

AIRPORT DIAGRAM

AL-688 (FAA)

REDDING MUNI (RDD)
REDDING, CALIFORNIA



ATIS
124.1
REDDING TOWER ★
119.8 269.25
GND CON
121.7
D

AIRPORT DIAGRAM

18032

REDDING, CALIFORNIA
REDDING MUNI (RDD)

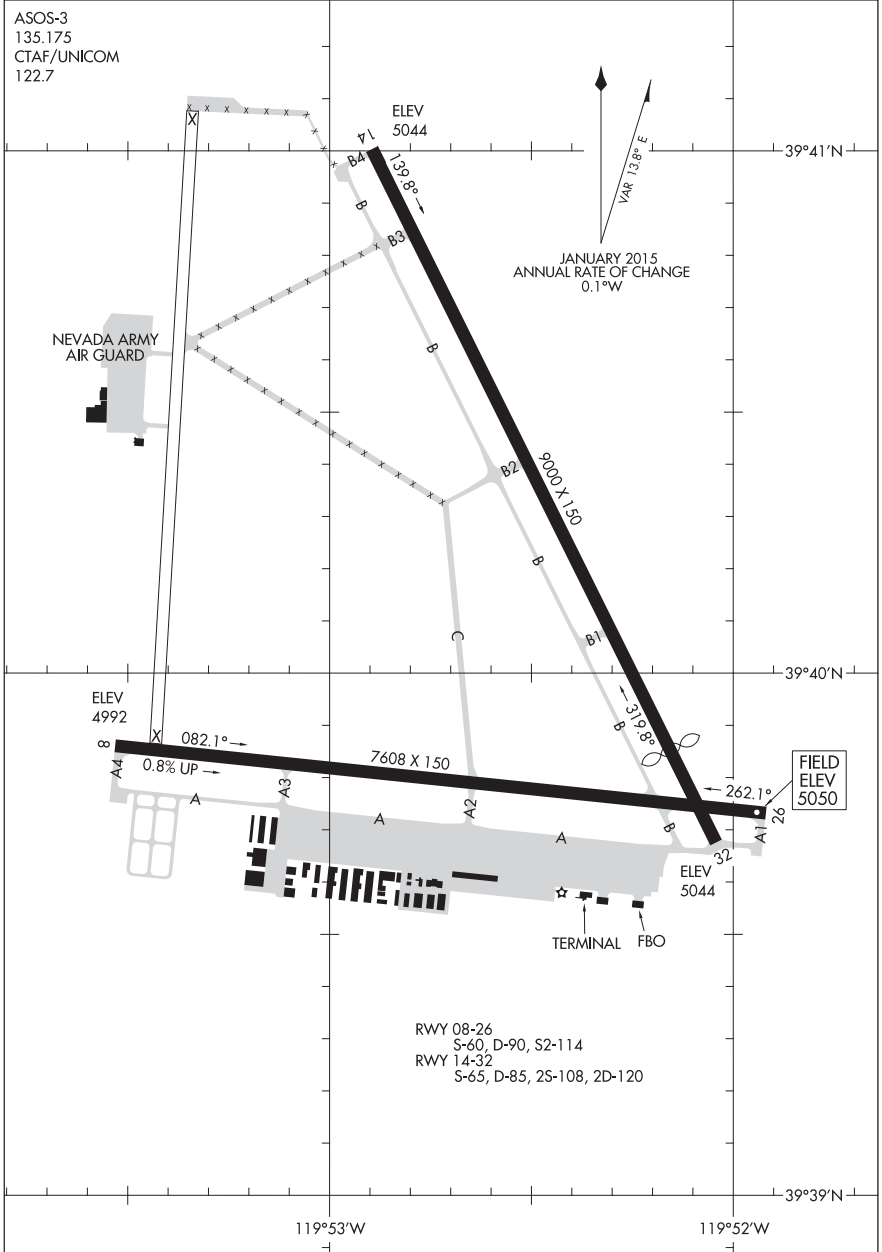
16259

AIRPORT DIAGRAM

AL-524 (FAA)

RENO/STEAD (R/T'S)

RENO, NEVADA



AIRPORT DIAGRAM

16259

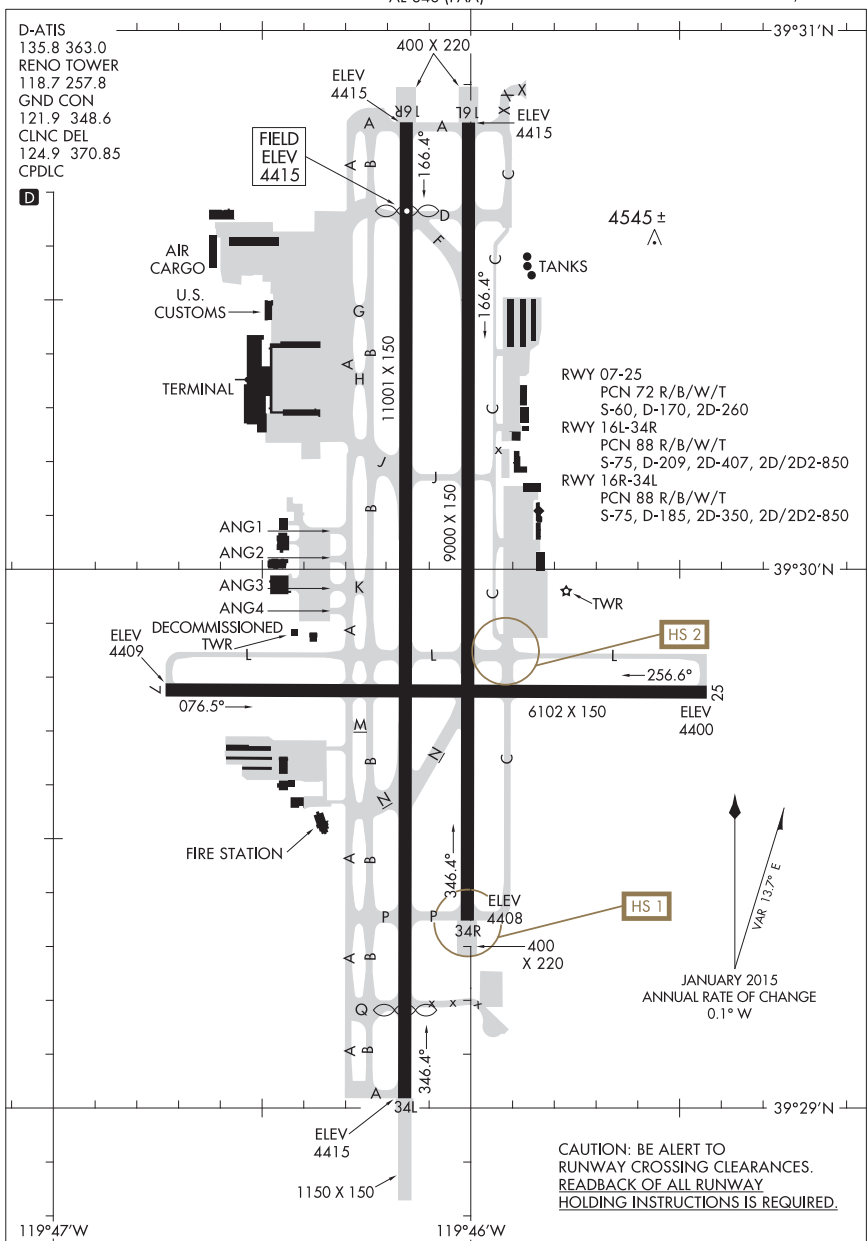
RENO, NEVADA

RENO/STEAD (R/T'S)

18088

AIRPORT DIAGRAM

RENO/TAHOE INTL (RNO)
RENO, NEVADA



AIRPORT DIAGRAM

18088

18088

AIRPORT DIAGRAM

AL-769 (FAA)

RIVERSIDE MUNI (R.A.L)
RIVERSIDE, CALIFORNIA

ATIS

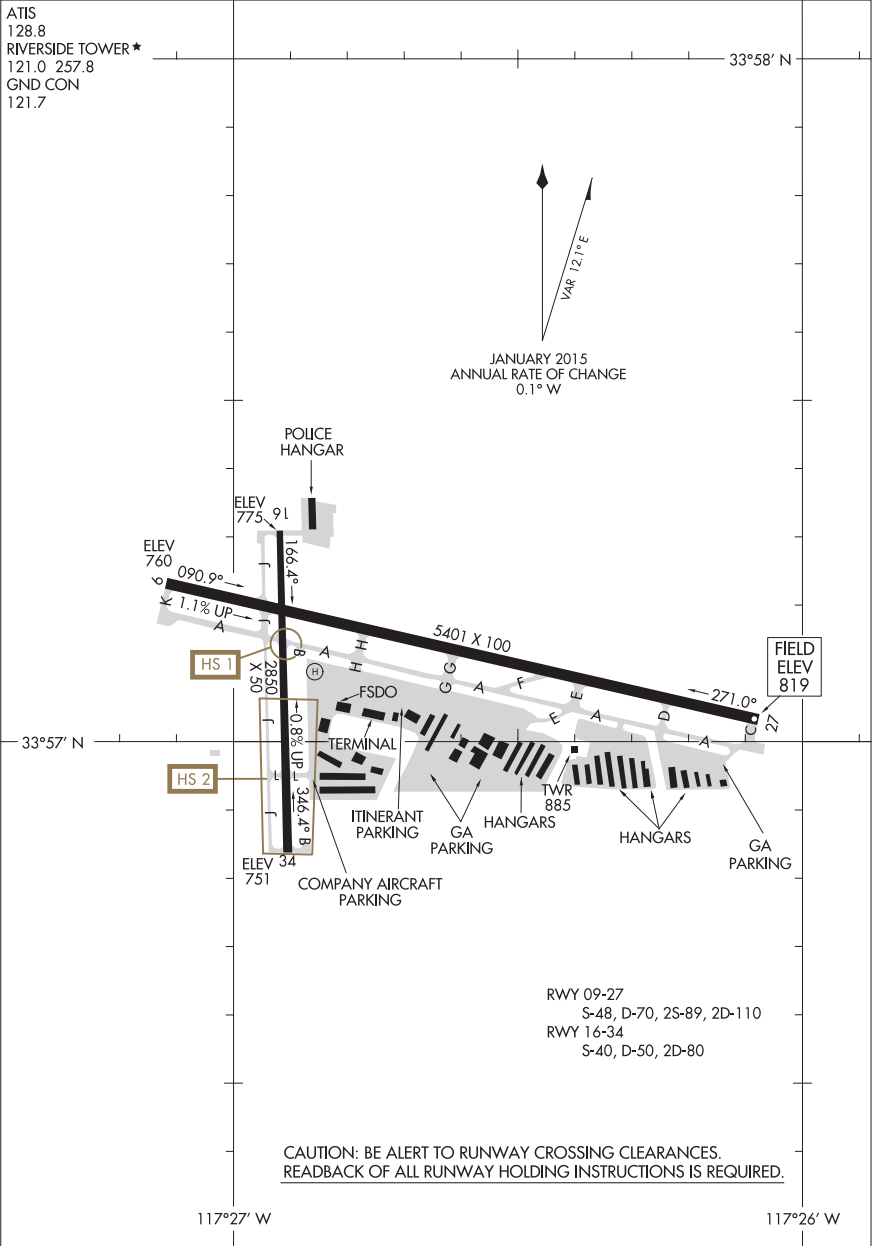
128.8

RIVERSIDE TOWER *

121.0 257.8

GND CON

121.7



RWY 09-27
S-48, D-70, 2S-89, 2D-110
RWY 16-34
S-40, D-50, 2D-80

CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

AIRPORT DIAGRAM

18088

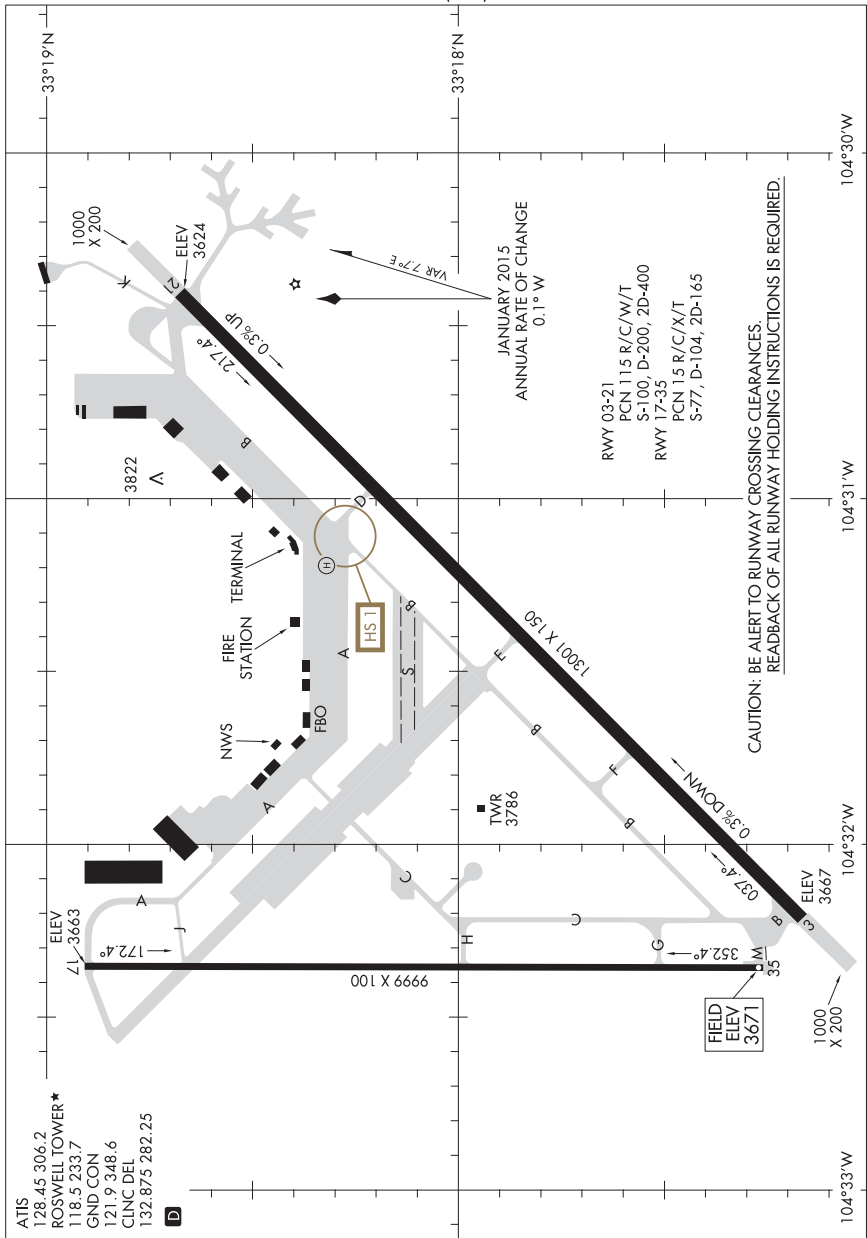
RIVERSIDE, CALIFORNIA
RIVERSIDE MUNI (R.A.L)

17285

AIRPORT DIAGRAM

AL-354 (FAA)

ROSWELL INTL AIR CENTER (ROW)
ROSWELL, NEW MEXICO



AIRPORT DIAGRAM

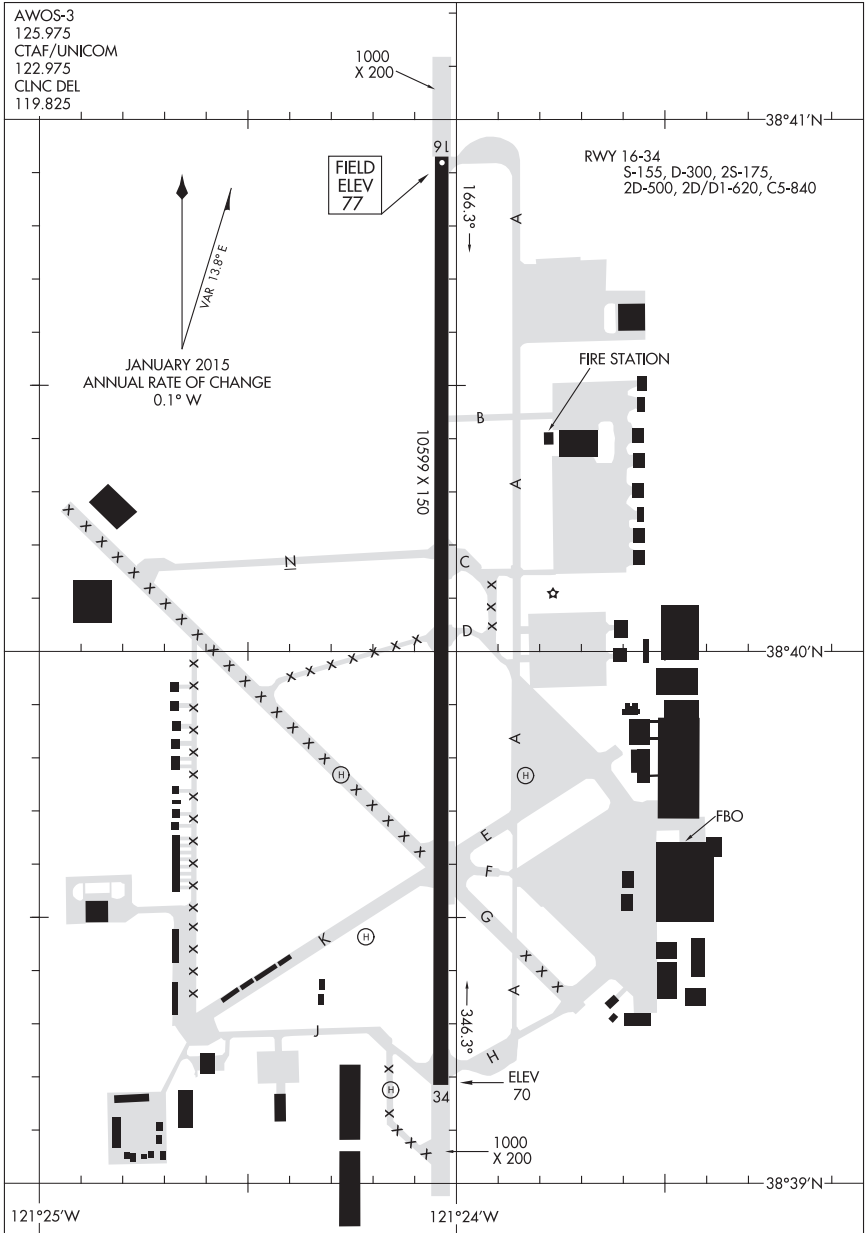
17285

ROSWELL, NEW MEXICO
ROSWELL INTL AIR CENTER (ROW)

15288

AIRPORT DIAGRAM

MC CLELLAN AIRFIELD (MCC)
SACRAMENTO, CALIFORNIA



AIRPORT DIAGRAM

15288

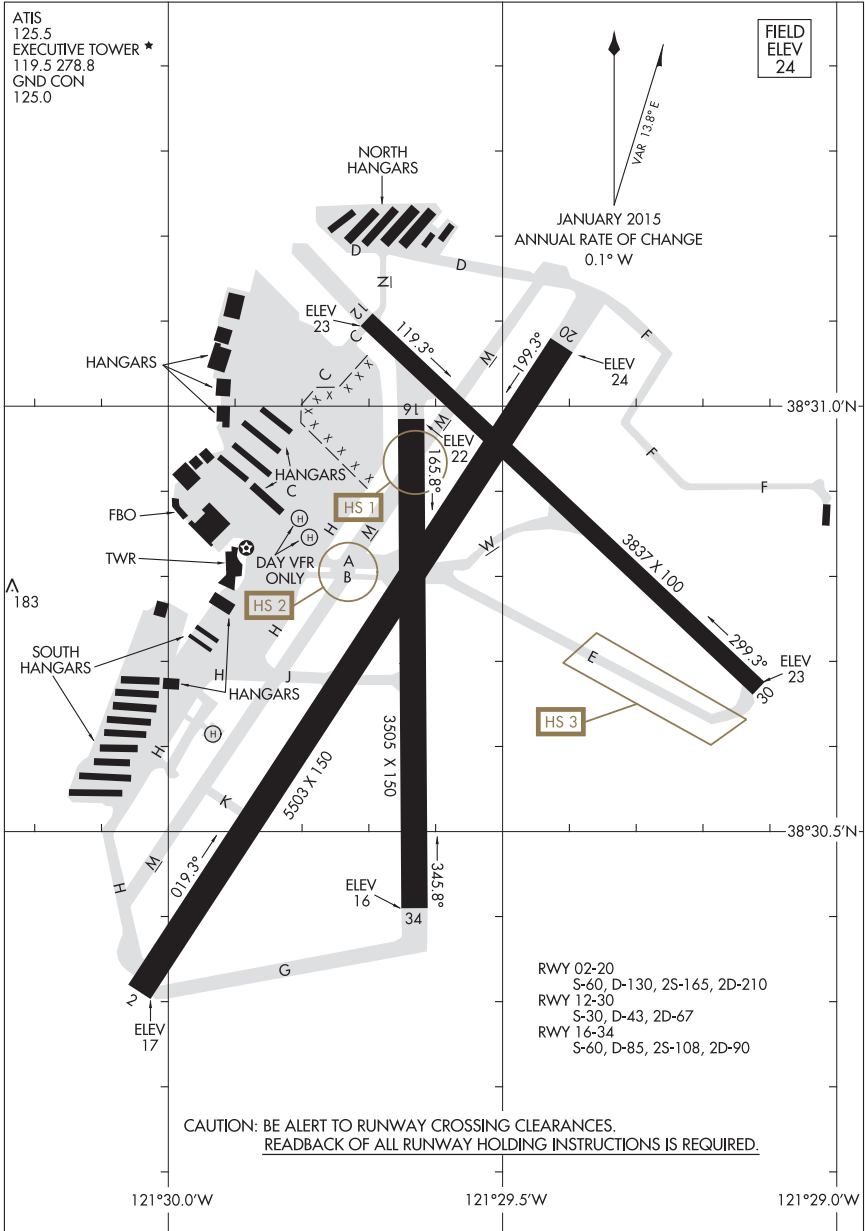
SACRAMENTO, CALIFORNIA
MC CLELLAN AIRFIELD (MCC)

15288

AIRPORT DIAGRAM

AL-358 (FAA)

SACRAMENTO EXECUTIVE (SAC)
SACRAMENTO, CALIFORNIA



AIRPORT DIAGRAM

15288

SACRAMENTO, CALIFORNIA
SACRAMENTO EXECUTIVE (SAC)

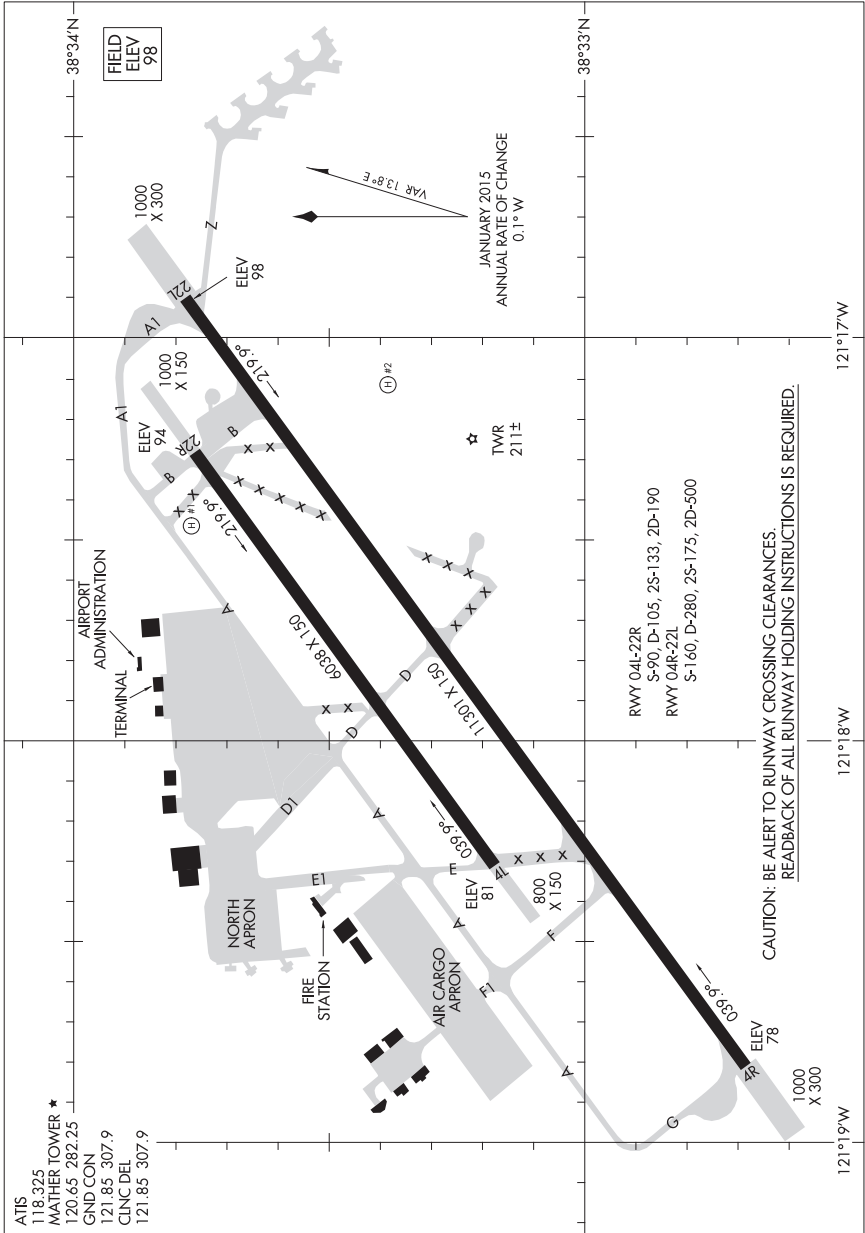
15064

AIRPORT DIAGRAM

AL-356 (FAA)

SACRAMENTO MATHER (MHR)

SACRAMENTO, CALIFORNIA



ATIS 118.325
 MATHER TOWER * 120.65 282.25
 GND CON 121.85 307.9
 CLNC DEL 121.85 307.9

RWY 04L-22R
 S-90, D-105, 2S-133, 2D-190
 RWY 04R-22L
 S-160, D-280, 2S-175, 2D-500

CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES
 READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

AIRPORT DIAGRAM

15064

SACRAMENTO, CALIFORNIA

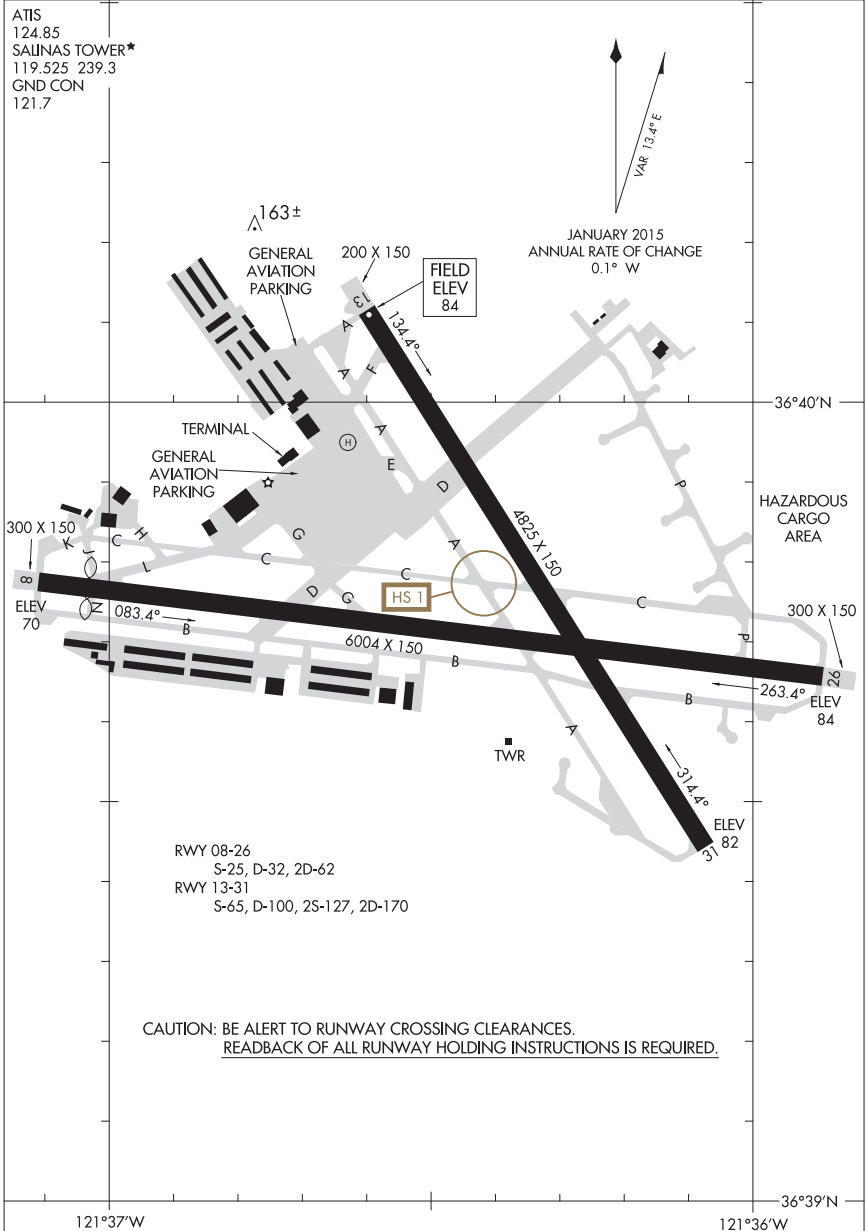
SACRAMENTO MATHER (MHR)

15064

AIRPORT DIAGRAM

AL-363 (FAA)

SALINAS MUNI (SNS)
SALINAS, CALIFORNIA



AIRPORT DIAGRAM

15064

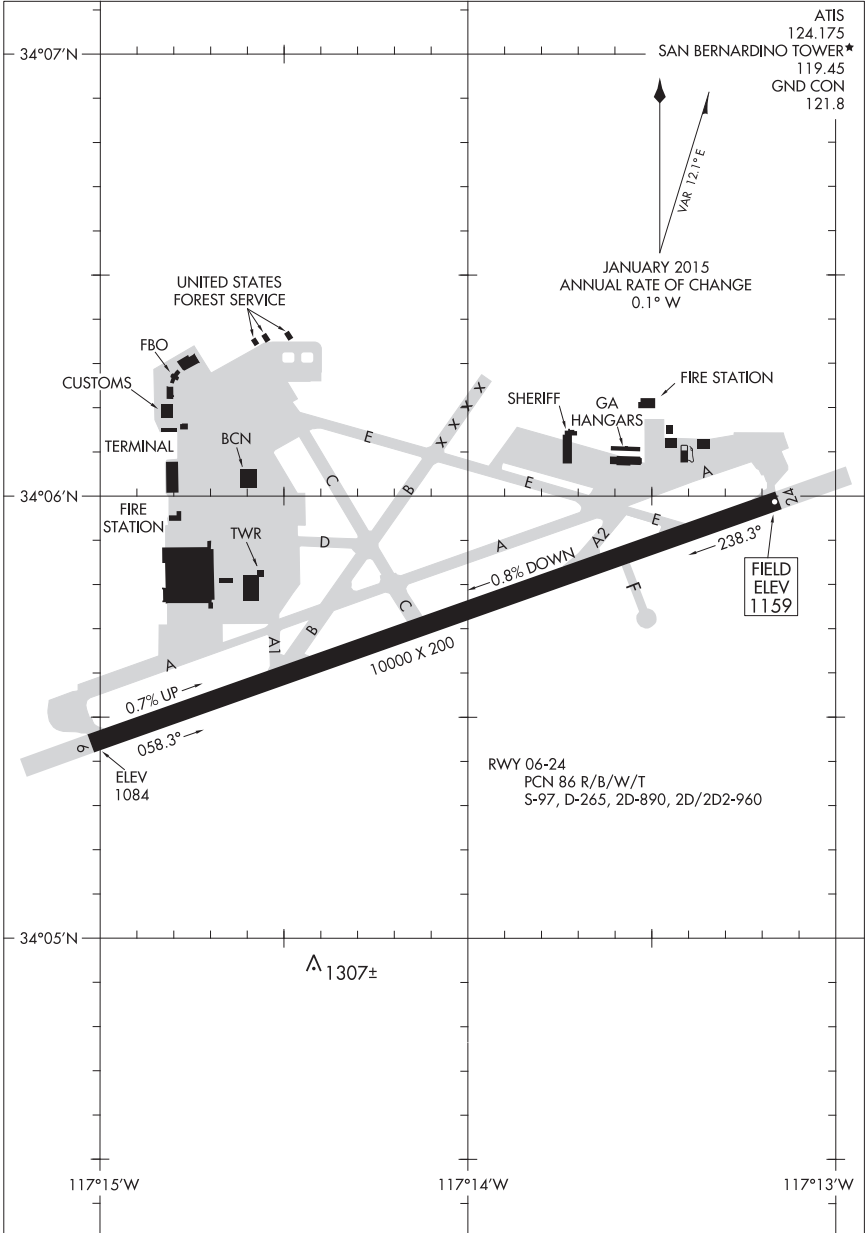
SALINAS, CALIFORNIA
SALINAS MUNI (SNS)

17229

AIRPORT DIAGRAM

AL-547 (FAA)

SAN BERNARDINO INTL (SBD)
SAN BERNARDINO, CALIFORNIA



AIRPORT DIAGRAM

17229

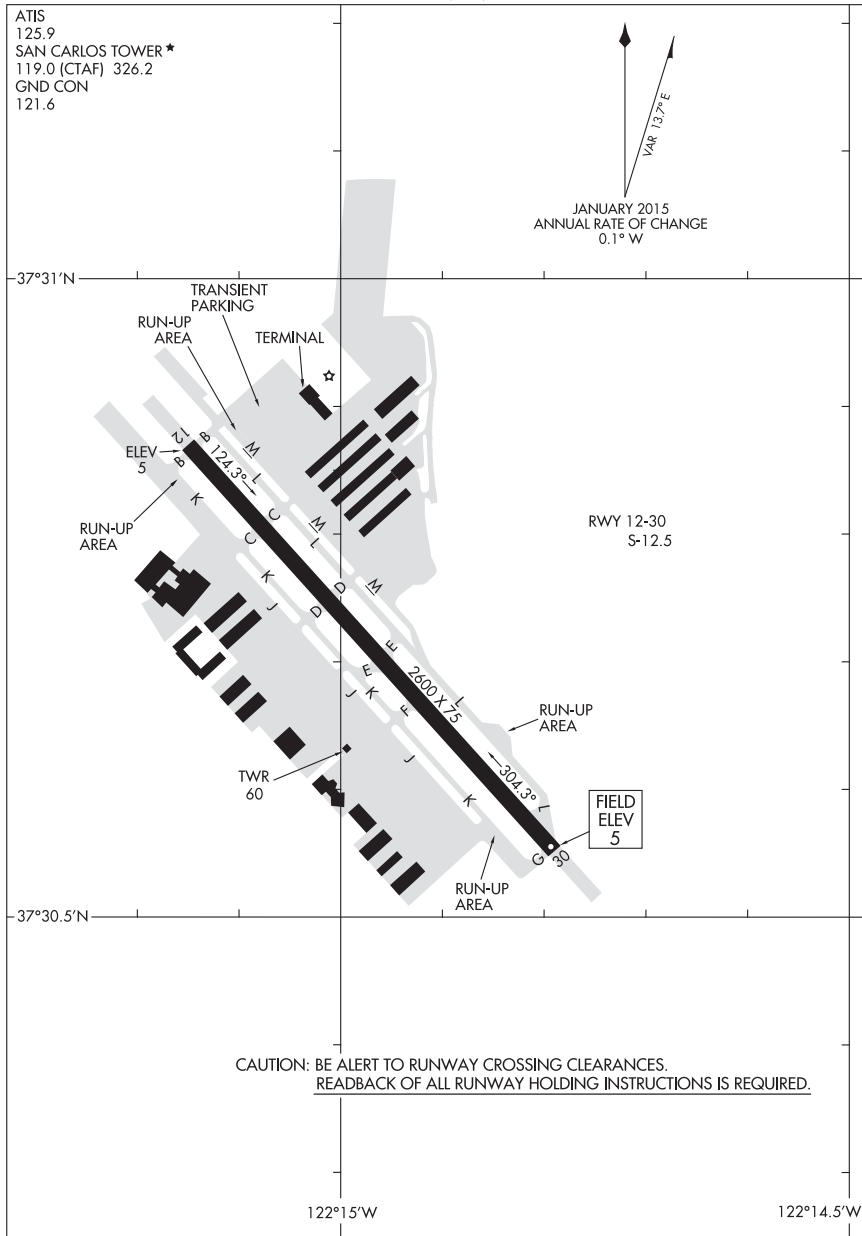
SAN BERNARDINO, CALIFORNIA
SAN BERNARDINO INTL (SBD)

15288

AIRPORT DIAGRAM

AL-9219 (FAA)

SAN CARLOS (SQL)
SAN CARLOS, CALIFORNIA



AIRPORT DIAGRAM

15288

SAN CARLOS, CALIFORNIA
SAN CARLOS (SQL)

16119

SAN CLEMENTE ISLAND NALF (FREDERICK SHERMAN FLD) (KNUC)

AIRPORT DIAGRAM

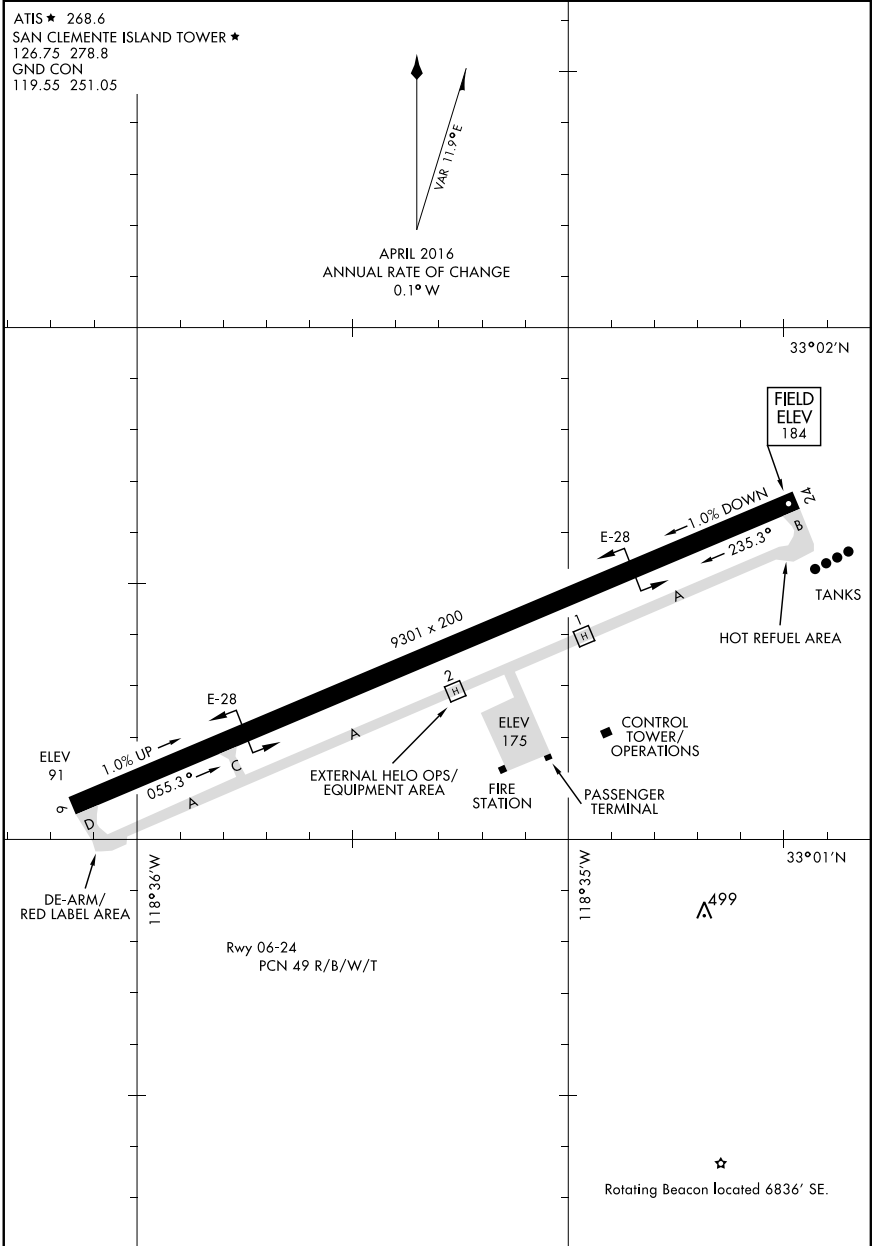
AFD-5126 [USN]

SAN CLEMENTE ISLAND, CALIFORNIA

ATIS ★ 268.6
SAN CLEMENTE ISLAND TOWER ★
126.75 278.8
GND CON
119.55 251.05



APRIL 2016
ANNUAL RATE OF CHANGE
0.1° W



AIRPORT DIAGRAM

SAN CLEMENTE ISLAND, CALIFORNIA

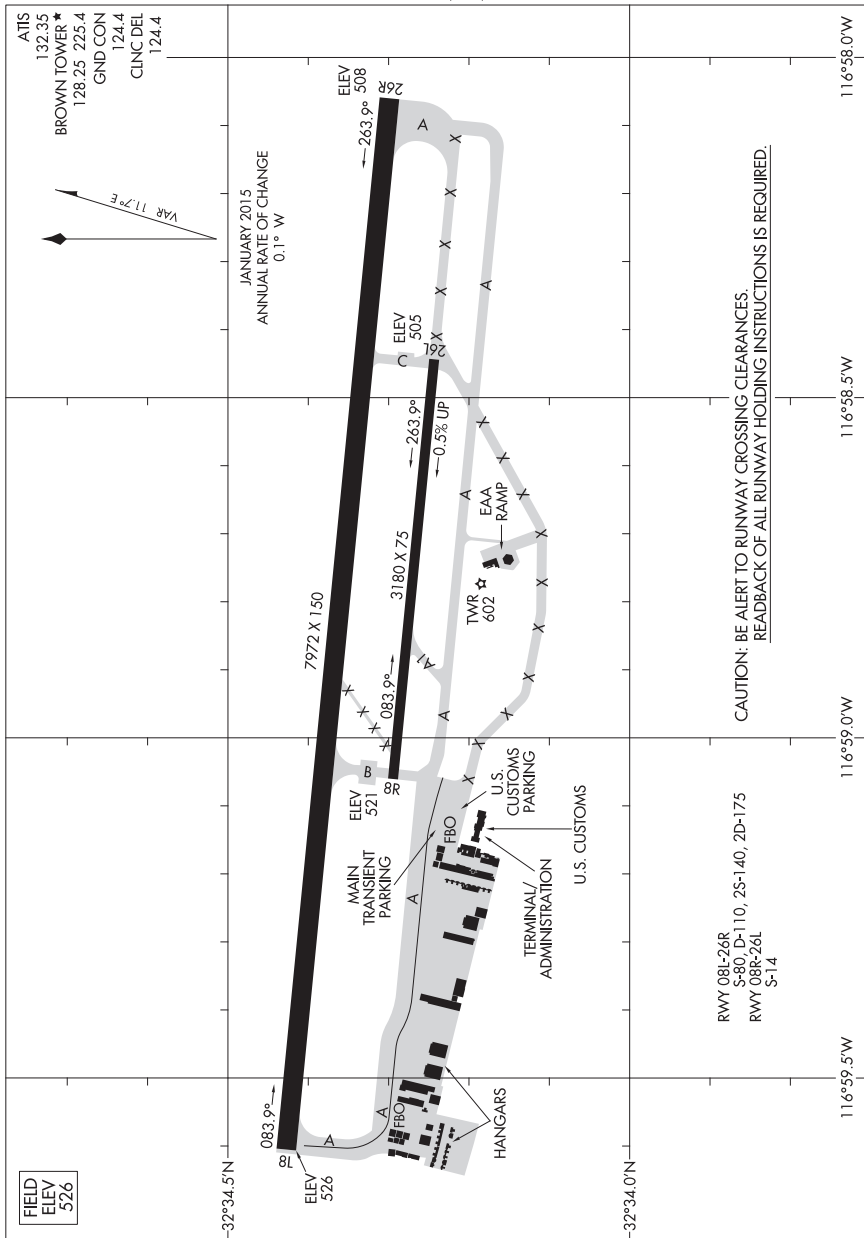
SAN CLEMENTE ISLAND NALF (FREDERICK SHERMAN FLD) (KNUC)

17005

AIRPORT DIAGRAM

AL-5814 (FAA)

BROWN FIELD MUNI (SDM)
SAN DIEGO, CALIFORNIA



AIRPORT DIAGRAM

17005

SAN DIEGO, CALIFORNIA
BROWN FIELD MUNI (SDM)

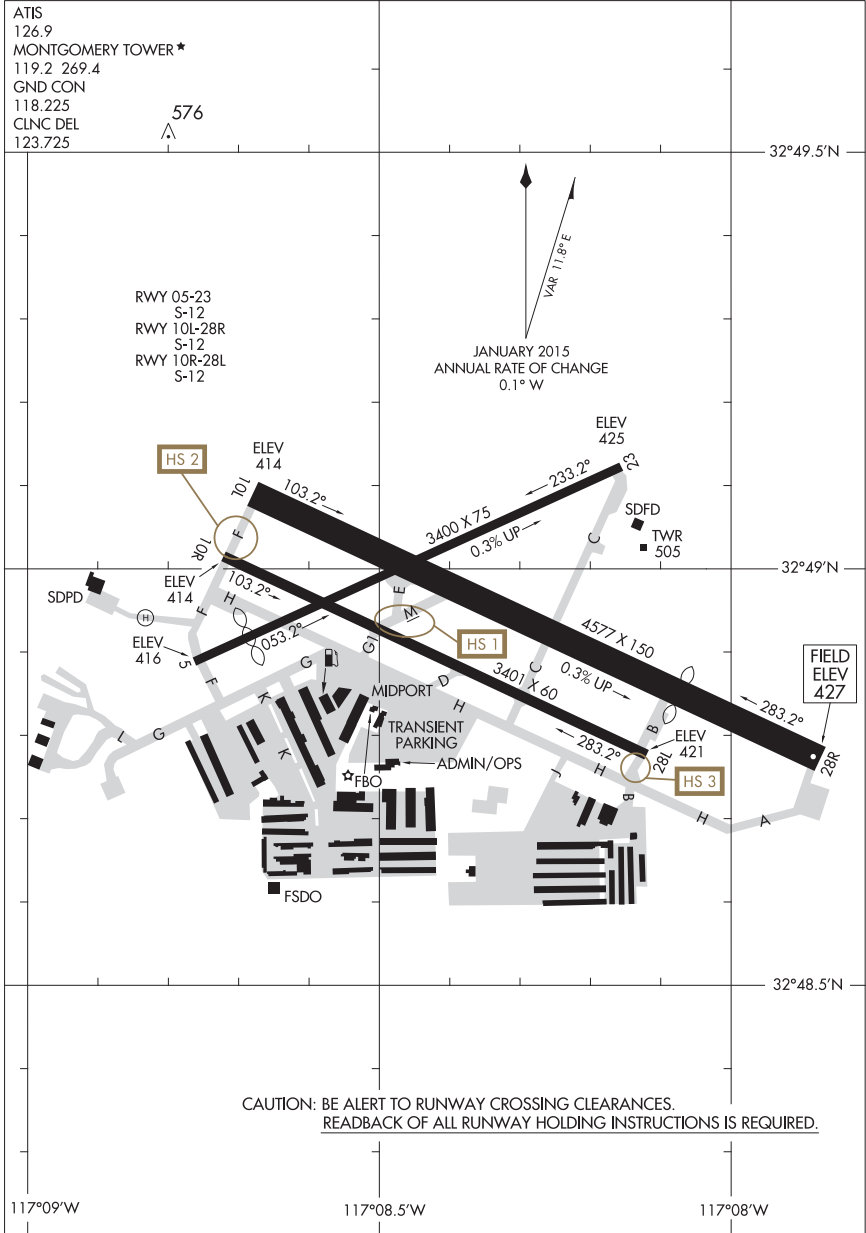
18088

AIRPORT DIAGRAM

MONTGOMERY-GIBBS EXECUTIVE (MYF)

AL-5401 (FAA)

SAN DIEGO, CALIFORNIA



AIRPORT DIAGRAM

18088

MONTGOMERY-GIBBS EXECUTIVE (MYF)

SAN DIEGO, CALIFORNIA

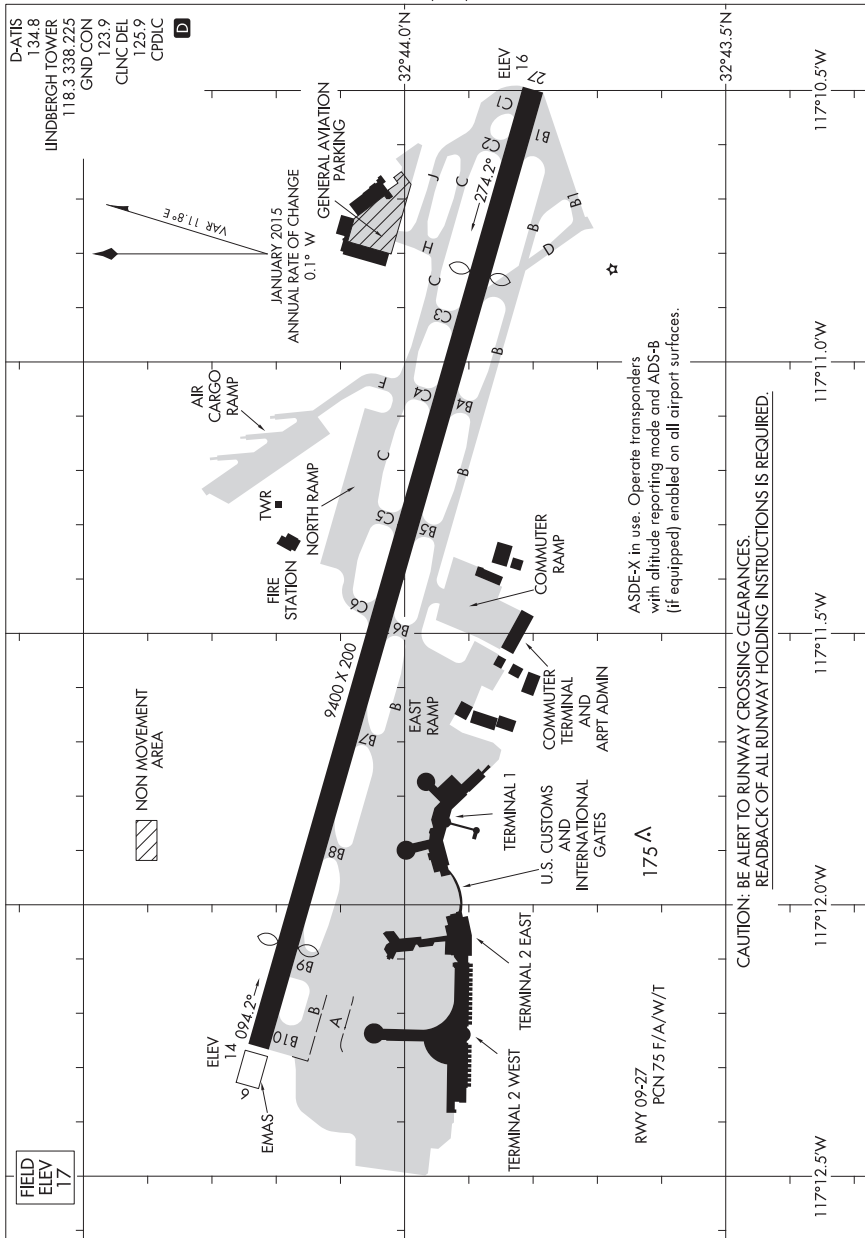
17173

AIRPORT DIAGRAM

AL-373 (FAA)

SAN DIEGO INTL (SAN)

SAN DIEGO, CALIFORNIA



AIRPORT DIAGRAM

17173

SAN DIEGO, CALIFORNIA

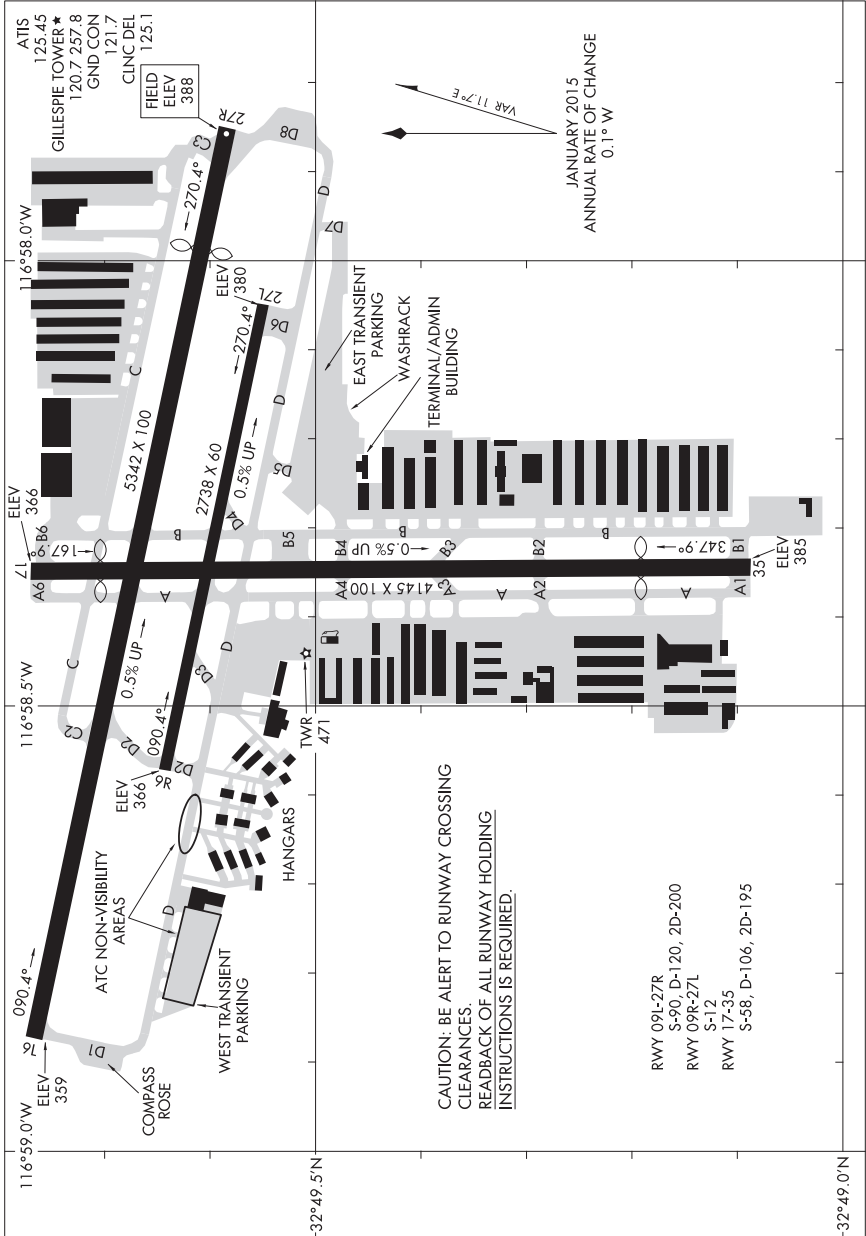
SAN DIEGO INTL (SAN)

16259

AIRPORT DIAGRAM

AL-5402 (FAA)

GILLESPIE FIELD (SEE)
SAN DIEGO/EL CAJON, CALIFORNIA



CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

- RWY 09L-27R
- S-90, D-120, 2D-200
- RWY 09R-27L
- S-12
- RWY 17-35
- S-58, D-106, 2D-195

AIRPORT DIAGRAM

SAN DIEGO/EL CAJON, CALIFORNIA
GILLESPIE FIELD (SEE)

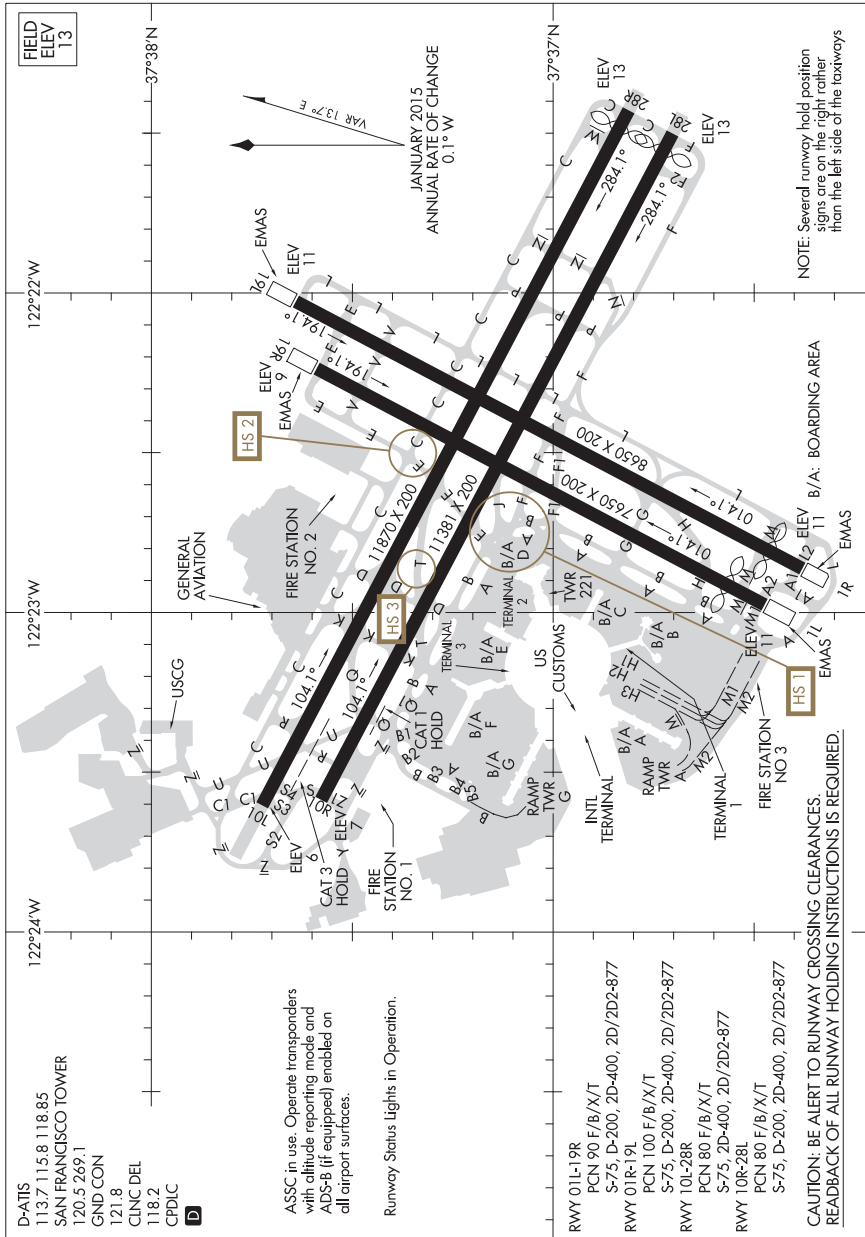
16259

18088

AIRPORT DIAGRAM

AL-375 (FAA)

SAN FRANCISCO INTL (SFO)
SAN FRANCISCO, CALIFORNIA



AIRPORT DIAGRAM

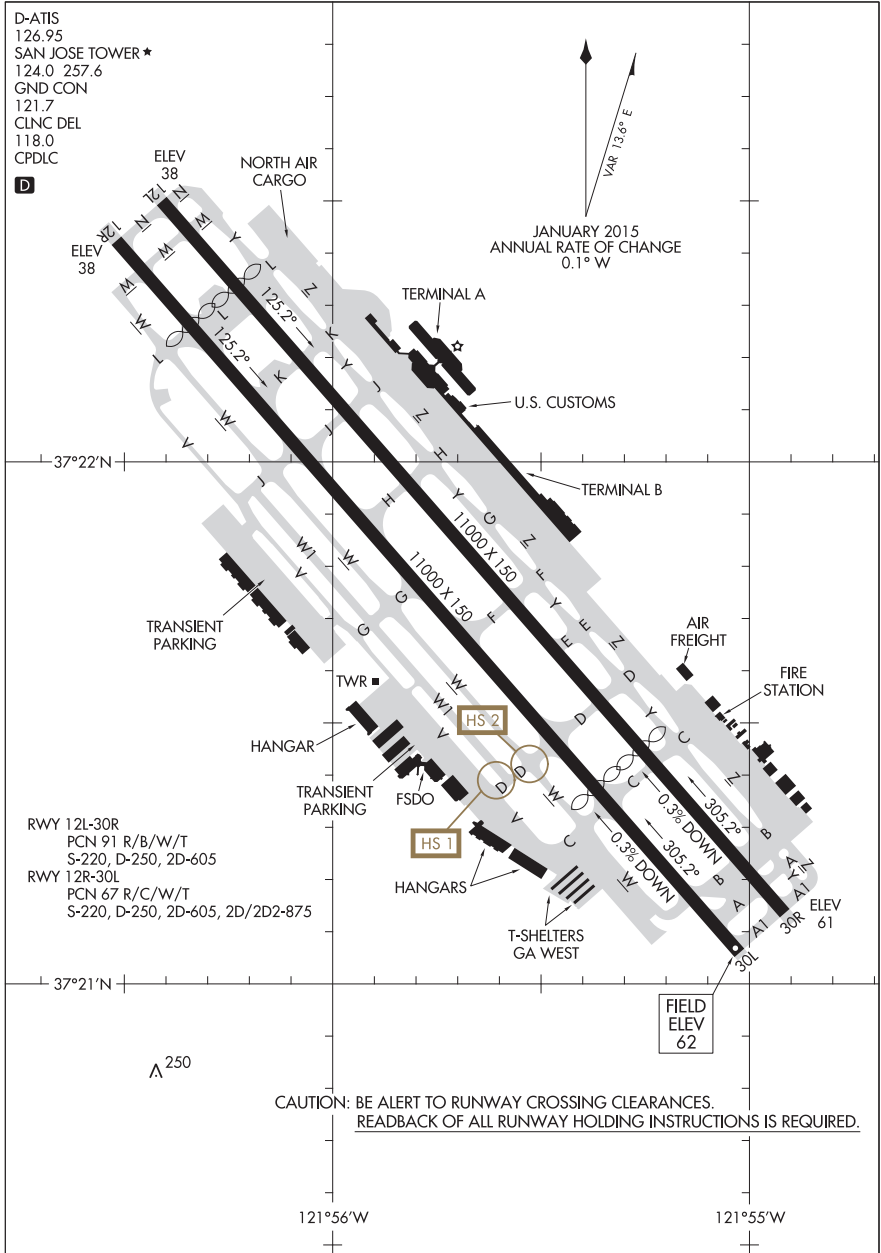
18088

SAN FRANCISCO, CALIFORNIA
SAN FRANCISCO INTL (SFO)

18088

AIRPORT DIAGRAM

NORMAN Y MINETA SAN JOSE INTL (SJC)
AL-693 (FAA) SAN JOSE, CALIFORNIA



AIRPORT DIAGRAM

SAN JOSE, CALIFORNIA

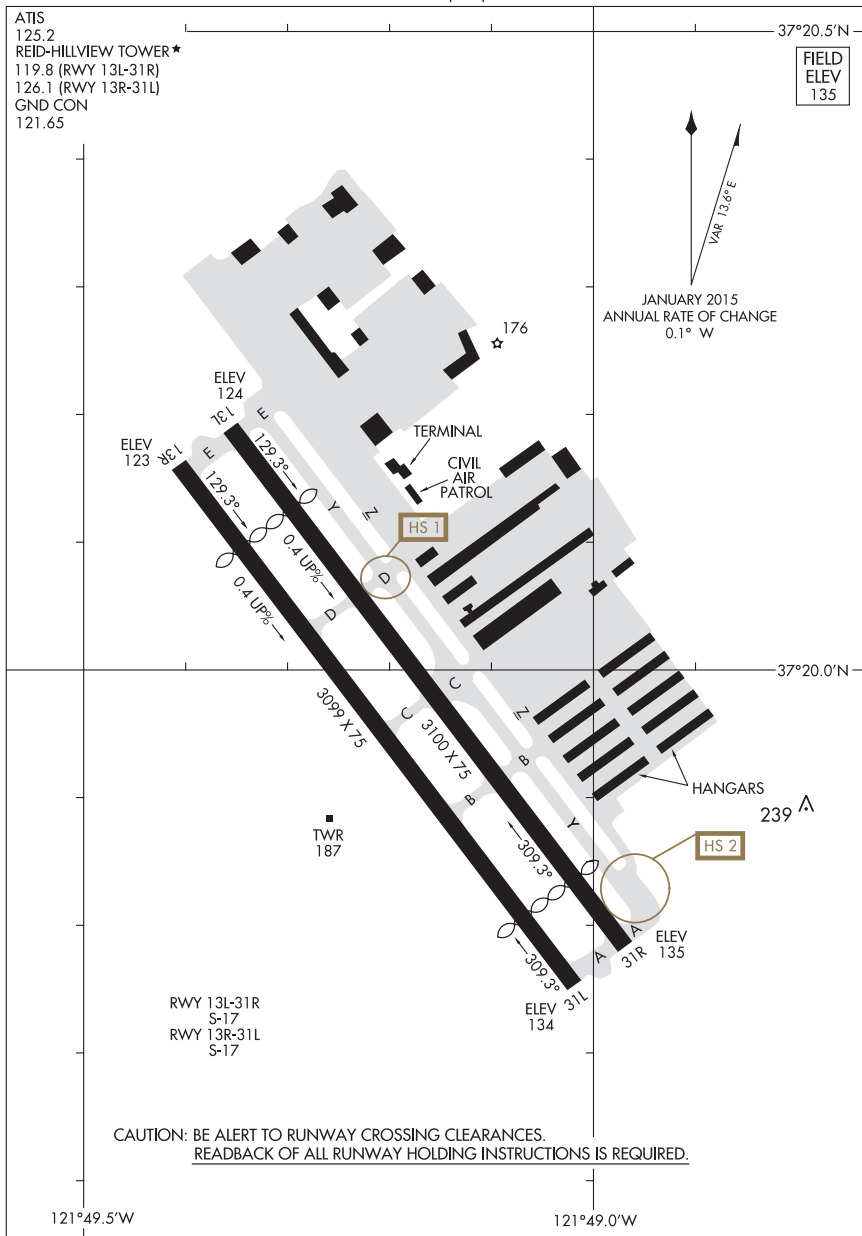
NORMAN Y MINETA SAN JOSE INTL (SJC)

18088

15288

AIRPORT DIAGRAM

REID-HILLVIEW OF SANTA CLARA COUNTY (R.H.V)
AL-5591 (FAA) SAN JOSE, CALIFORNIA



AIRPORT DIAGRAM

15288

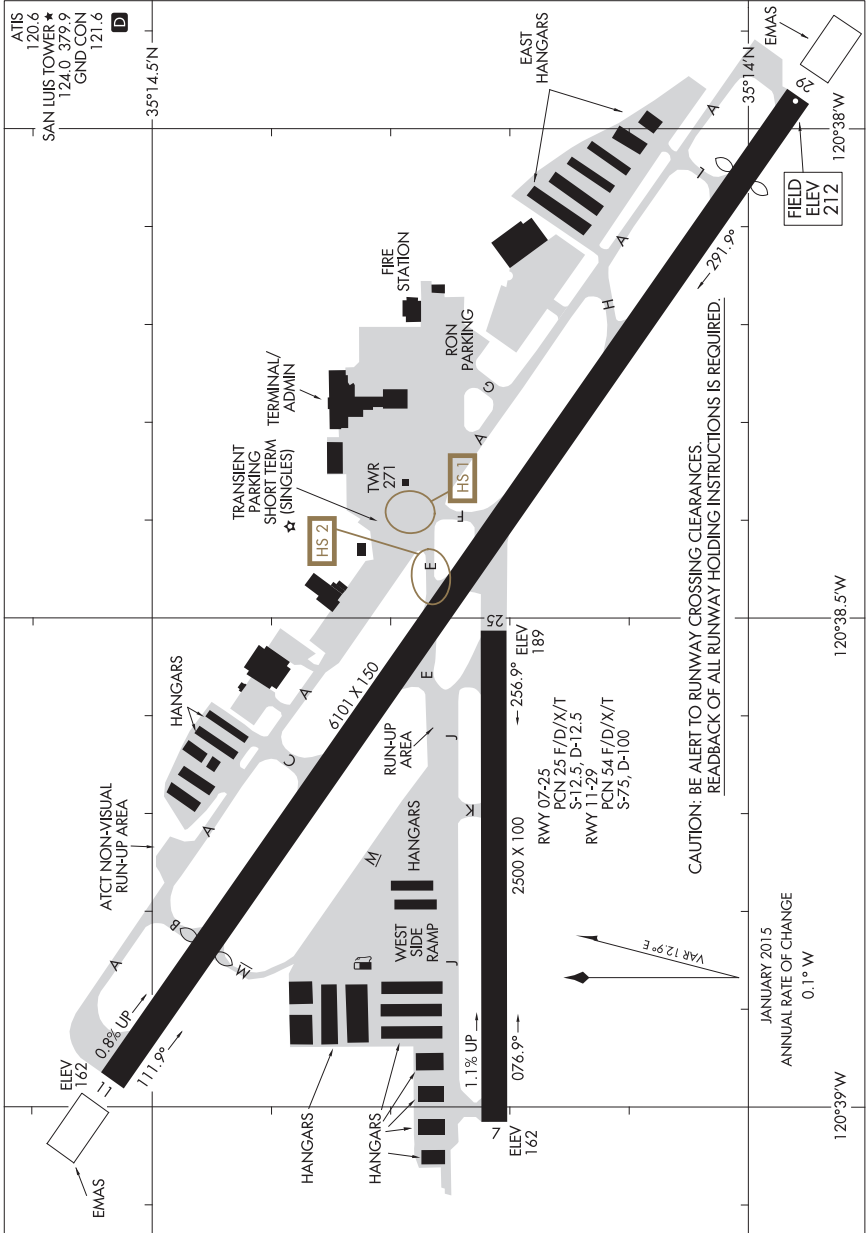
SAN JOSE, CALIFORNIA
REID-HILLVIEW OF SANTA CLARA COUNTY (R.H.V)

18088

AIRPORT DIAGRAM

AL-989 (FAA)

SAN LUIS COUNTY RGNL (SBP)
SAN LUIS OBISPO, CALIFORNIA



AIRPORT DIAGRAM

18088

SAN LUIS OBISPO, CALIFORNIA
SAN LUIS COUNTY RGNL (SBP)

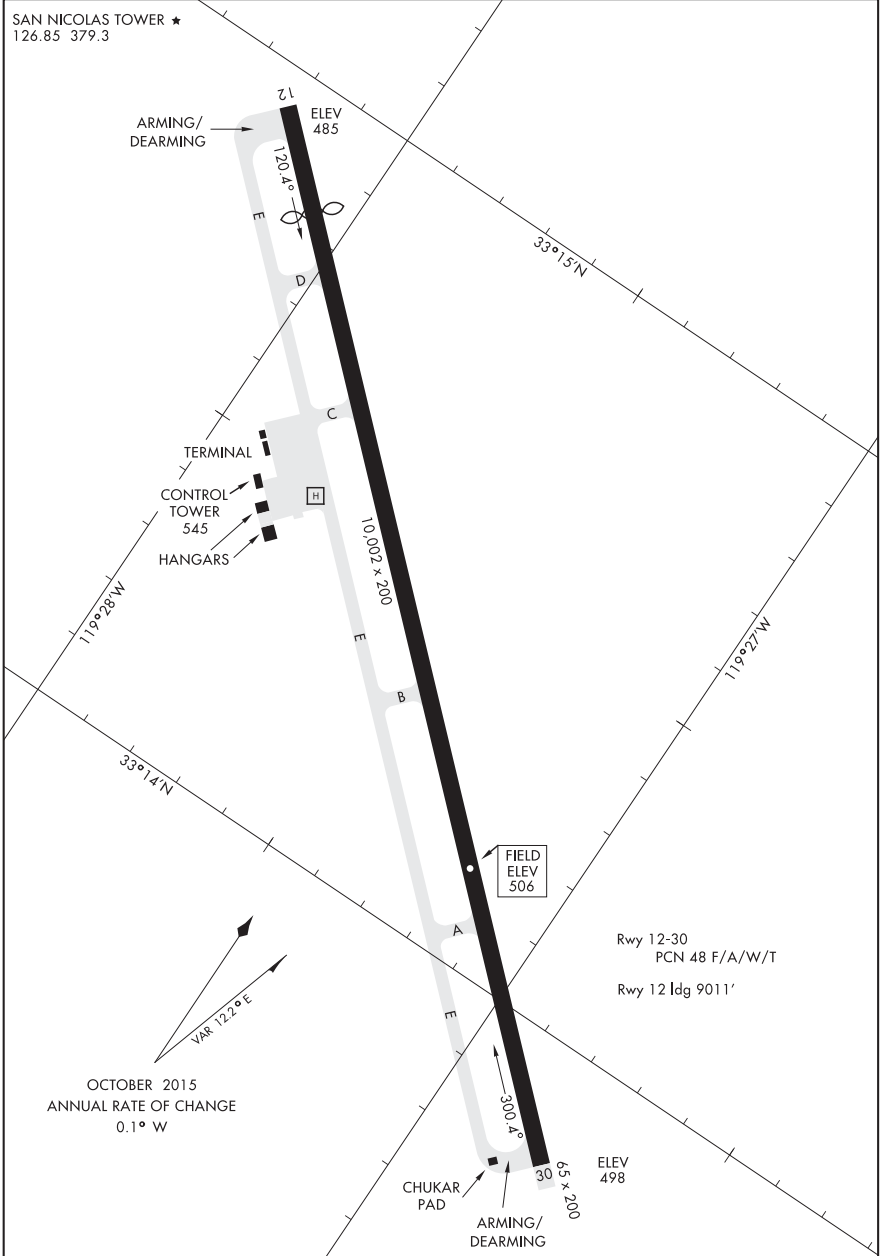
15288

SAN NICOLAS ISLAND NOLF (KNSI)

AIRPORT DIAGRAM

AFD-5162 [USN]

SAN NICOLAS ISLAND, CALIFORNIA



AIRPORT DIAGRAM

SAN NICOLAS ISLAND, CALIFORNIA

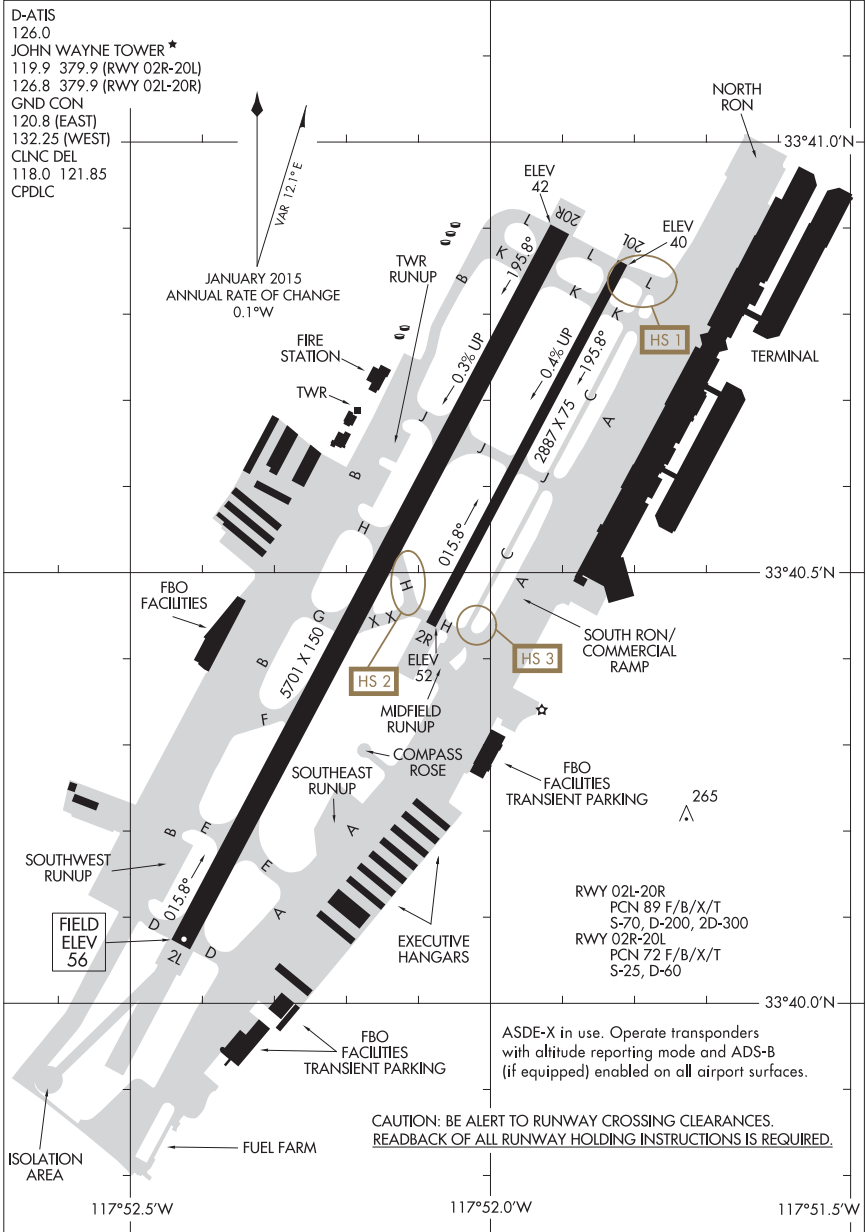
SAN NICOLAS ISLAND NOLF (KNSI)

18088

AIRPORT DIAGRAM

AL-377 (FAA)

JOHN WAYNE ARPT-ORANGE COUNTY (SNA)
SANTA ANA, CALIFORNIA



AIRPORT DIAGRAM
18088

SANTA ANA, CALIFORNIA
JOHN WAYNE ARPT-ORANGE COUNTY (SNA)

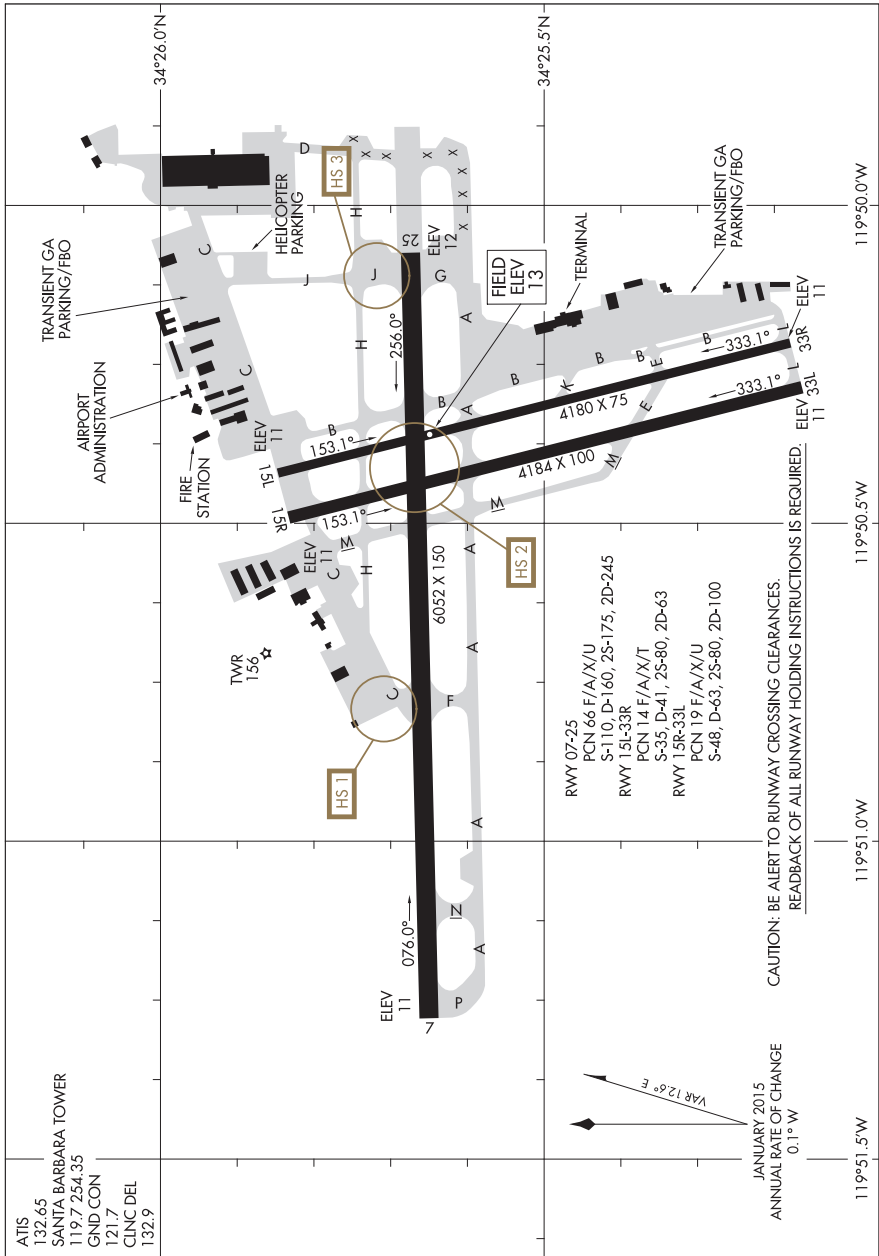
16259

AIRPORT DIAGRAM

AL-378 (FAA)

SANTA BARBARA MUNI (SBA)

SANTA BARBARA, CALIFORNIA



AIRPORT DIAGRAM

16259

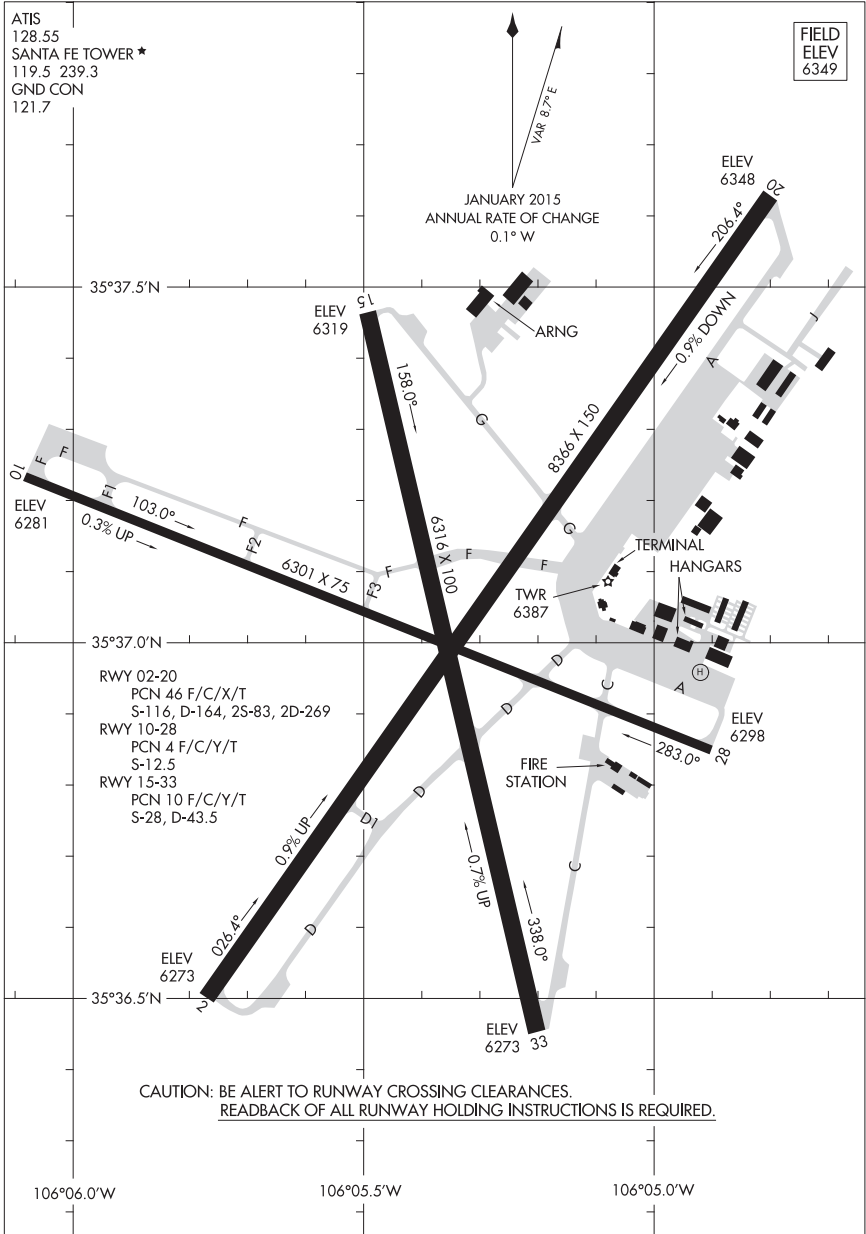
SANTA BARBARA, CALIFORNIA
SANTA BARBARA MUNI (SBA)

17061

AIRPORT DIAGRAM

AL-548 (FAA)

SANTA FE MUNI (SAF)
SANTA FE, NEW MEXICO



AIRPORT DIAGRAM

17061

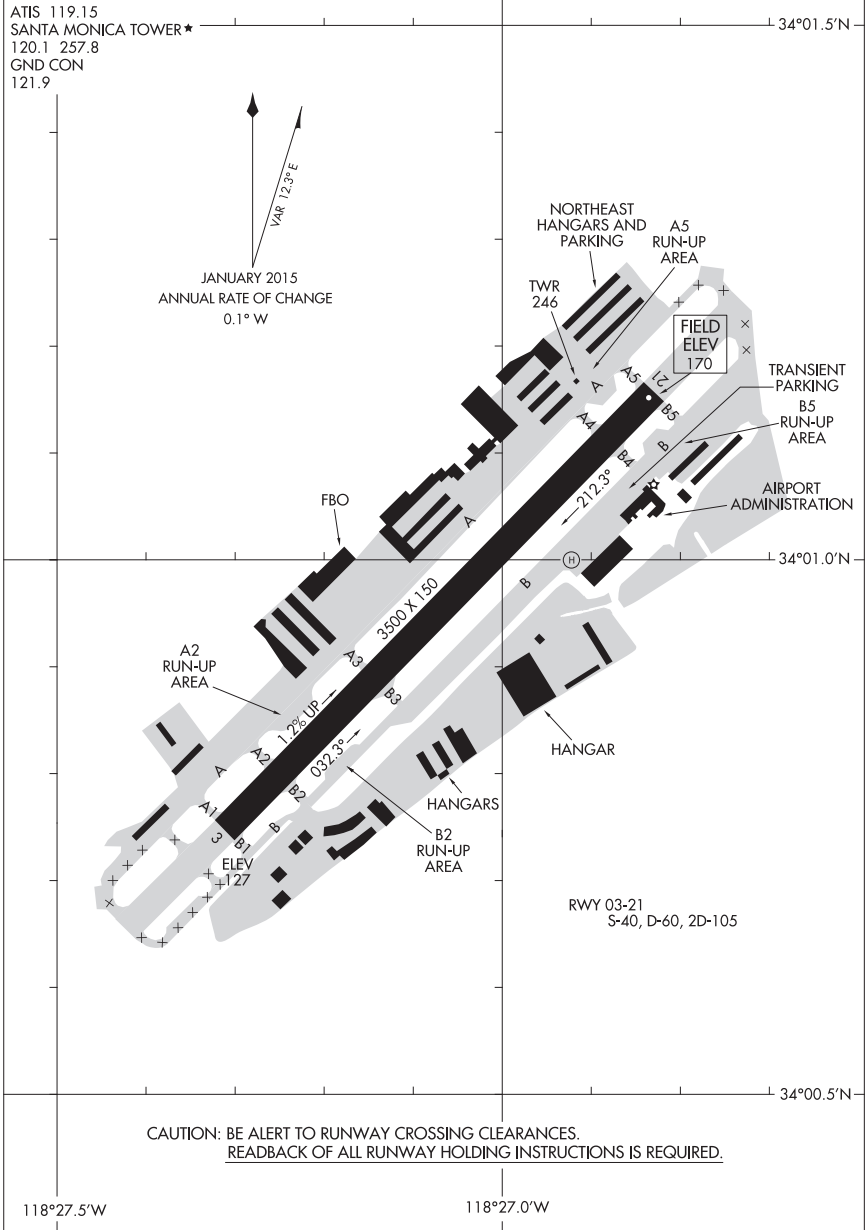
SANTA FE, NEW MEXICO
SANTA FE MUNI (SAF)

18088

AIRPORT DIAGRAM

AL-5023 (FAA)

SANTA MONICA MUNI (SMO)
SANTA MONICA, CALIFORNIA



AIRPORT DIAGRAM

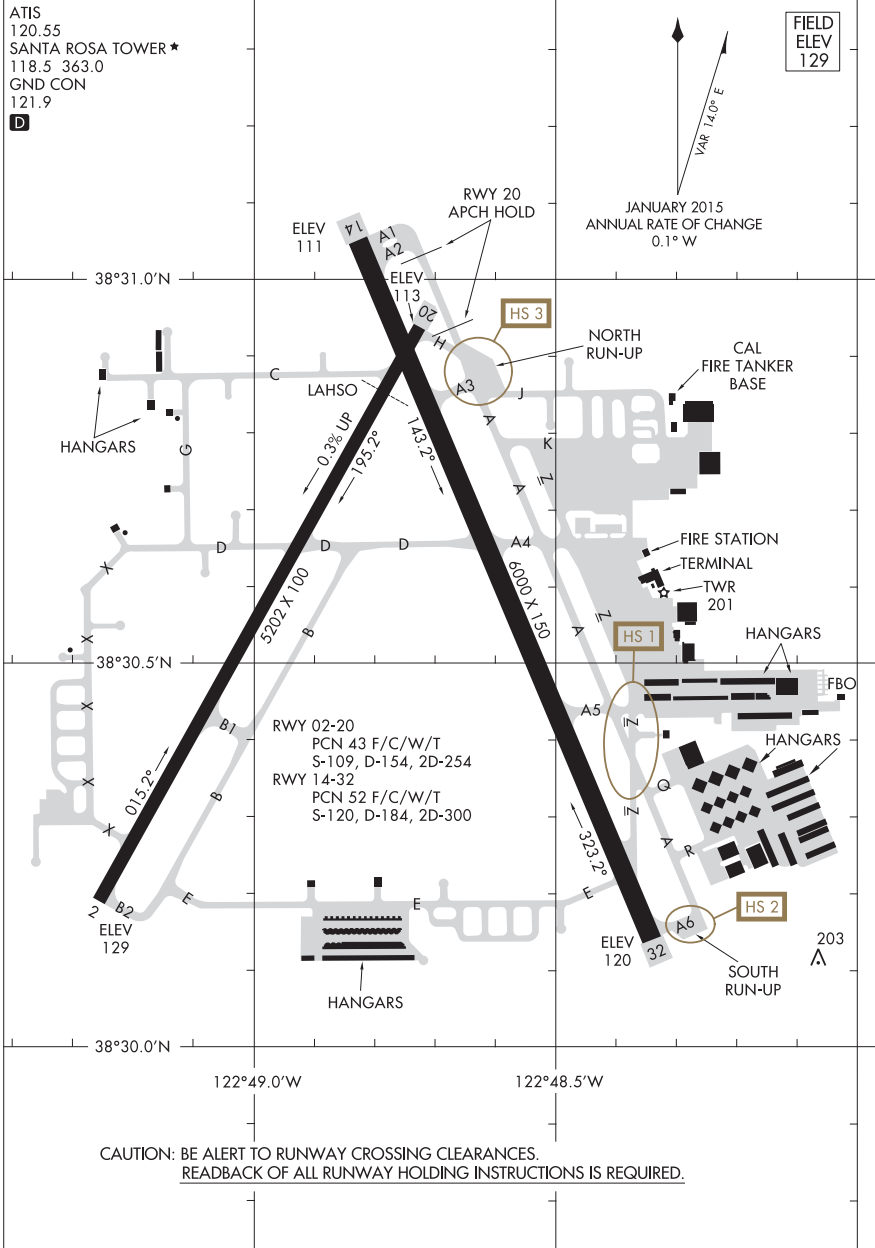
18088

SANTA MONICA, CALIFORNIA
SANTA MONICA MUNI (SMO)

18032

CHARLES M SCHULZ-SONOMA COUNTY (STS)
AL-696 (FAA) SANTA ROSA, CALIFORNIA

AIRPORT DIAGRAM



AIRPORT DIAGRAM

18032

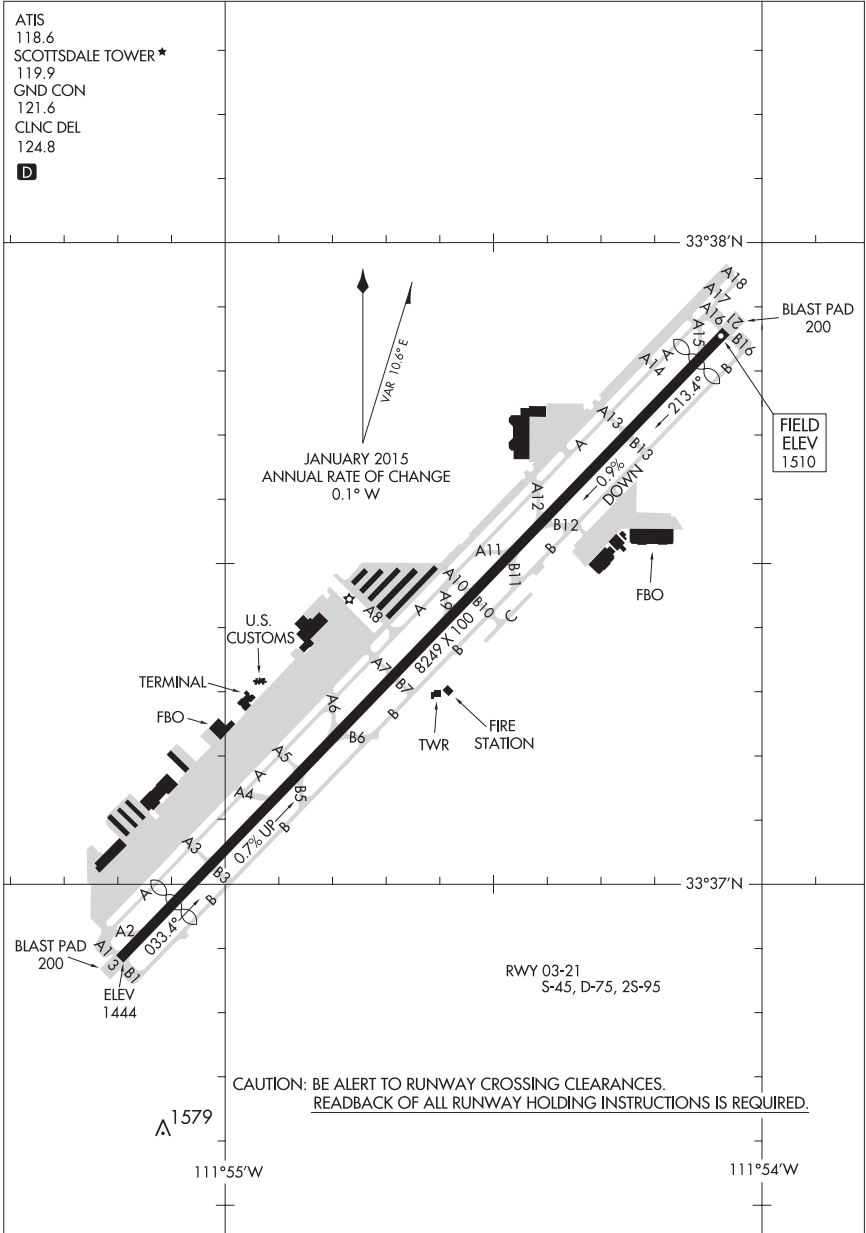
SANTA ROSA, CALIFORNIA
CHARLES M SCHULZ-SONOMA COUNTY (STS)

17173

AIRPORT DIAGRAM

AL-5651 (FAA)

SCOTTSDALE (SDL)
SCOTTSDALE, ARIZONA



AIRPORT DIAGRAM

17173

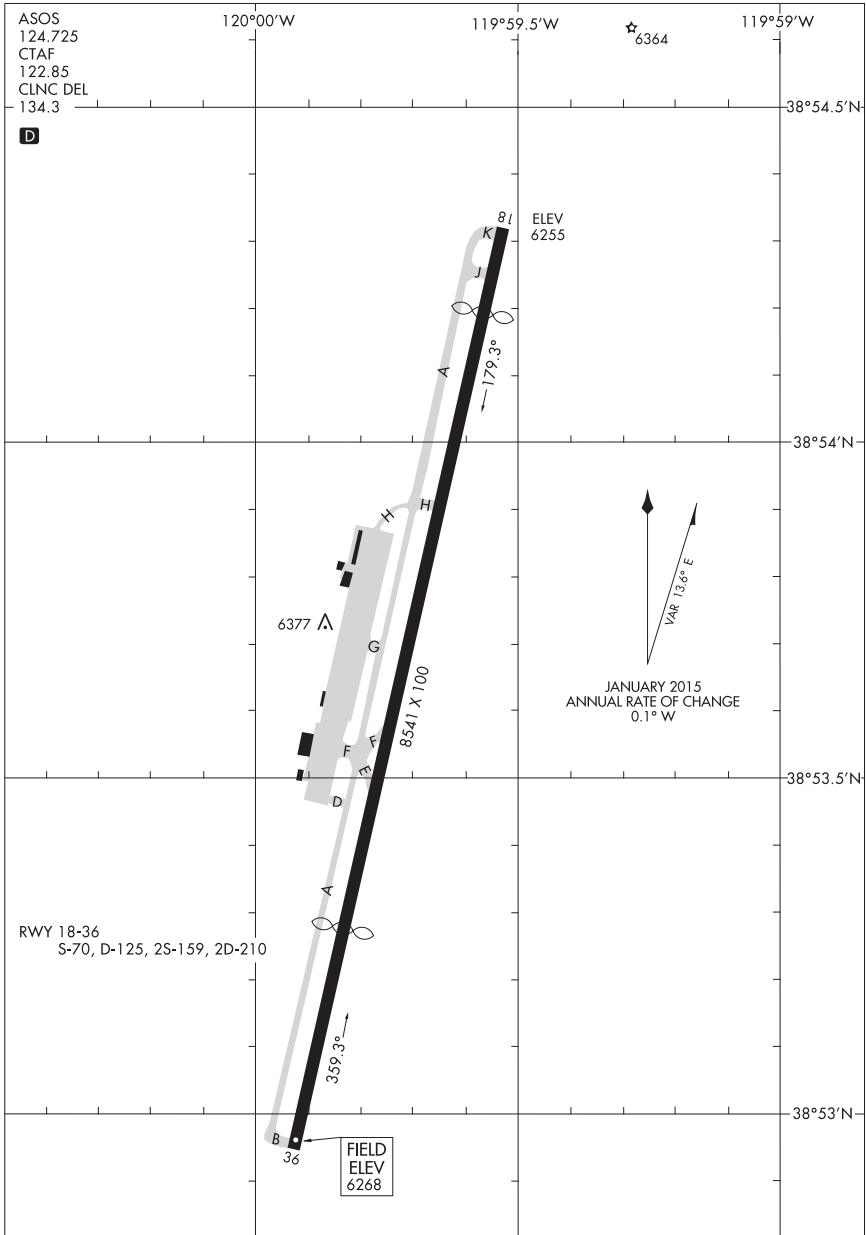
SCOTTSDALE, ARIZONA
SCOTTSDALE (SDL)

17341

AIRPORT DIAGRAM

AL-5416 (FAA)

LAKE TAHOE (TVL)
SOUTH LAKE TAHOE, CALIFORNIA



AIRPORT DIAGRAM

17341

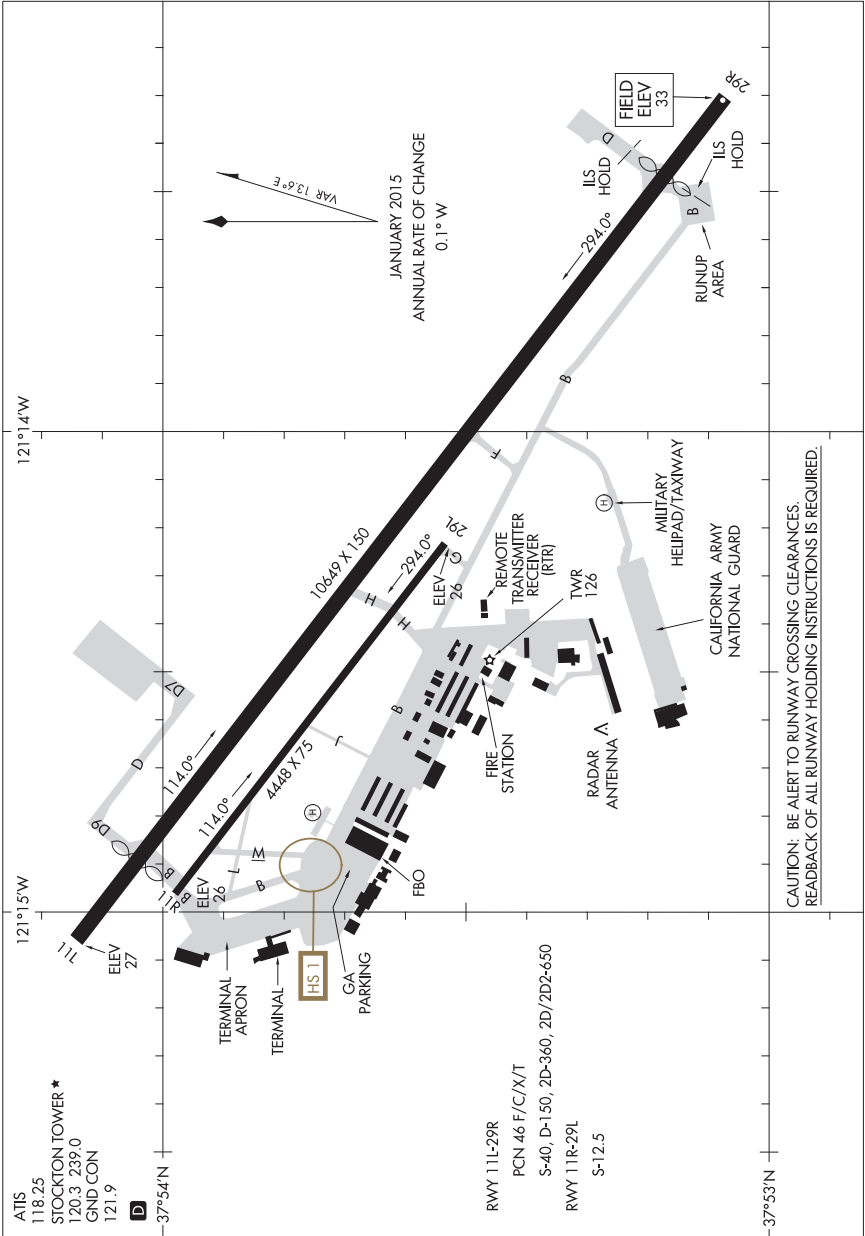
SOUTH LAKE TAHOE, CALIFORNIA
LAKE TAHOE (TVL)

18032

AIRPORT DIAGRAM

AL-407 (FAA)

STOCKTON METROPOLITAN (SCK)
STOCKTON, CALIFORNIA



AIRPORT DIAGRAM

18032

STOCKTON, CALIFORNIA
STOCKTON METROPOLITAN (SCK)

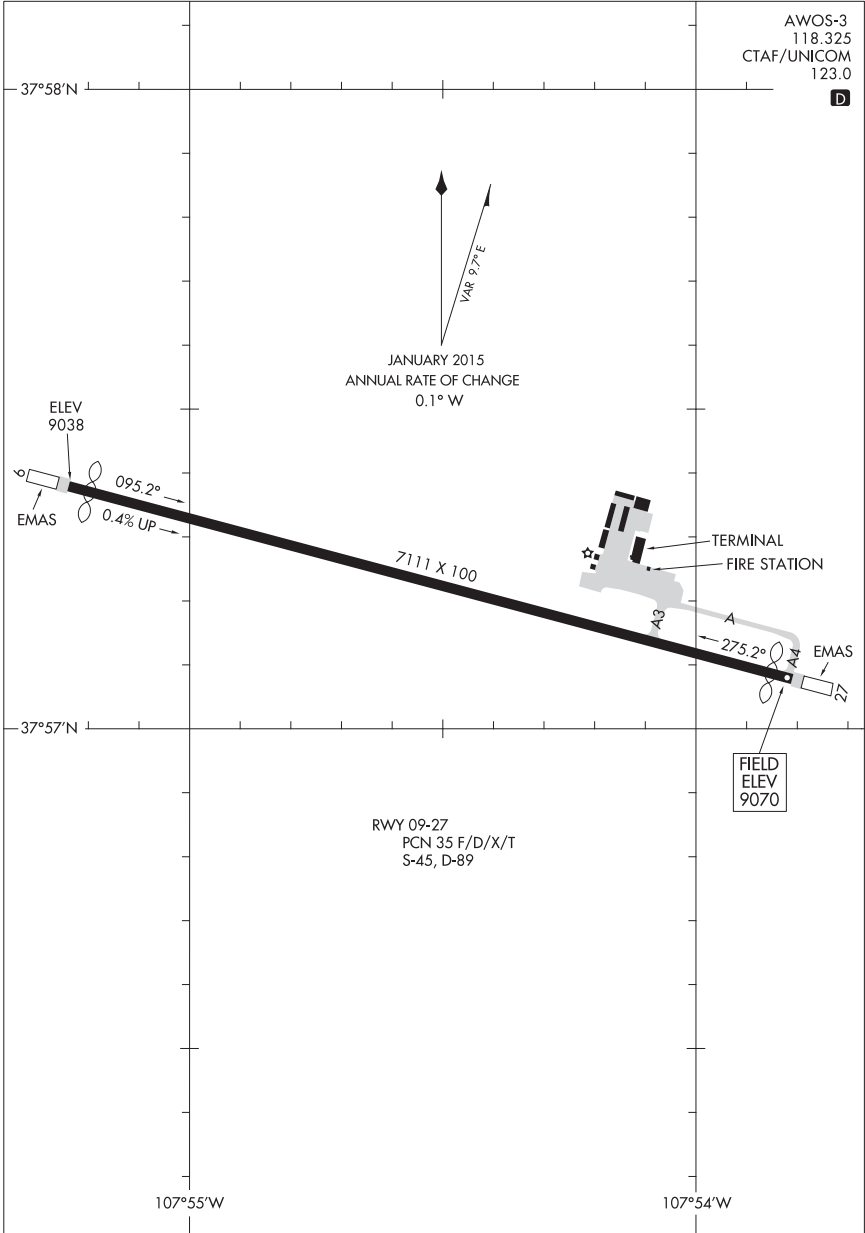
17005

AIRPORT DIAGRAM

AL-6920 (FAA)

TELLURIDE RGNL (TEX)

TELLURIDE, COLORADO



AWOS-3
118.325
CTAF/UNICOM
123.0

D

JANUARY 2015
ANNUAL RATE OF CHANGE
0.1° W

ELEV
9038
EMAS
095.2°
0.4% UP

7111 X 100

TERMINAL
FIRE STATION

A3

A

275.2°
EMAS

FIELD
ELEV
9070

RWY 09-27
PCN 35 F/D/X/T
5-45, D-89

37°57'N

107°55'W

107°54'W

AIRPORT DIAGRAM

17005

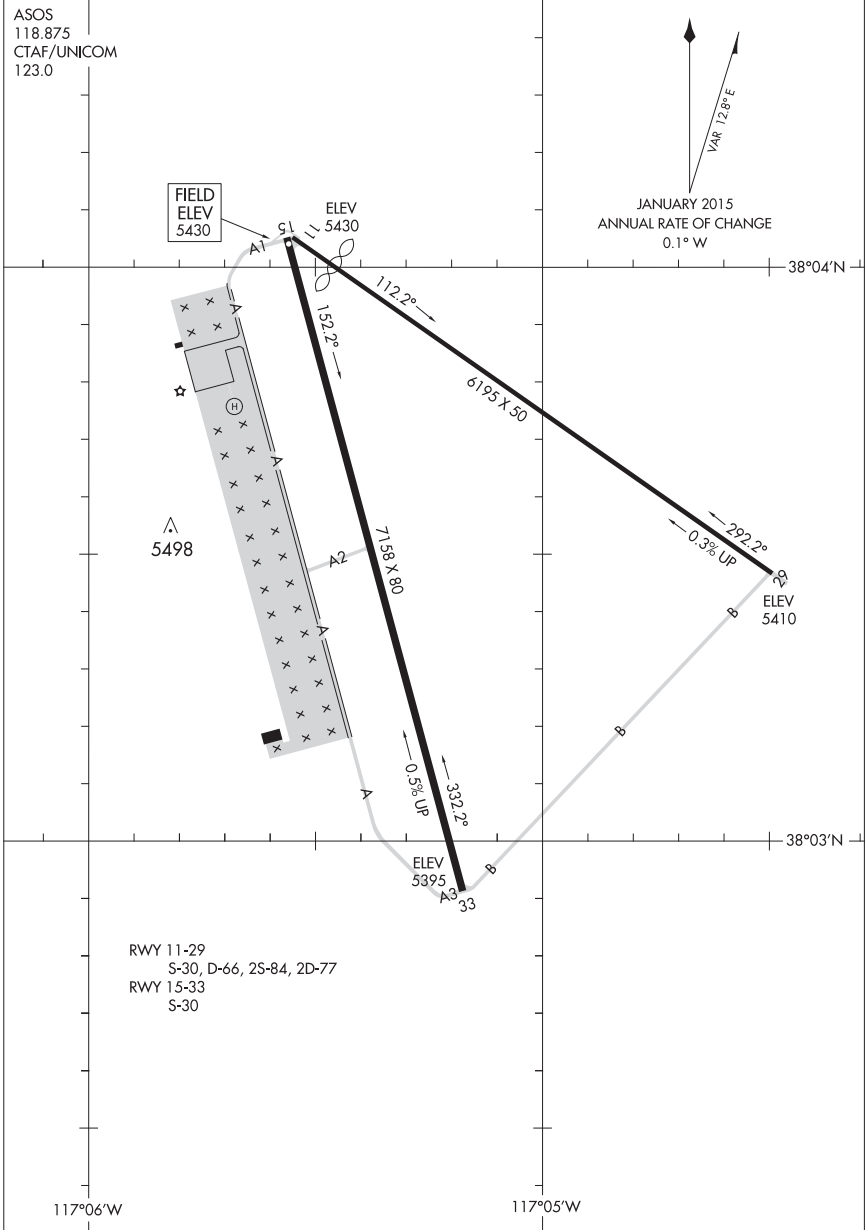
TELLURIDE, COLORADO
TELLURIDE RGNL (TEX)

17229

AIRPORT DIAGRAM

AL-423 (FAA)

TONOPAH (TPH)
TONOPAH, NEVADA



AIRPORT DIAGRAM

17229

TONOPAH, NEVADA
TONOPAH (TPH)

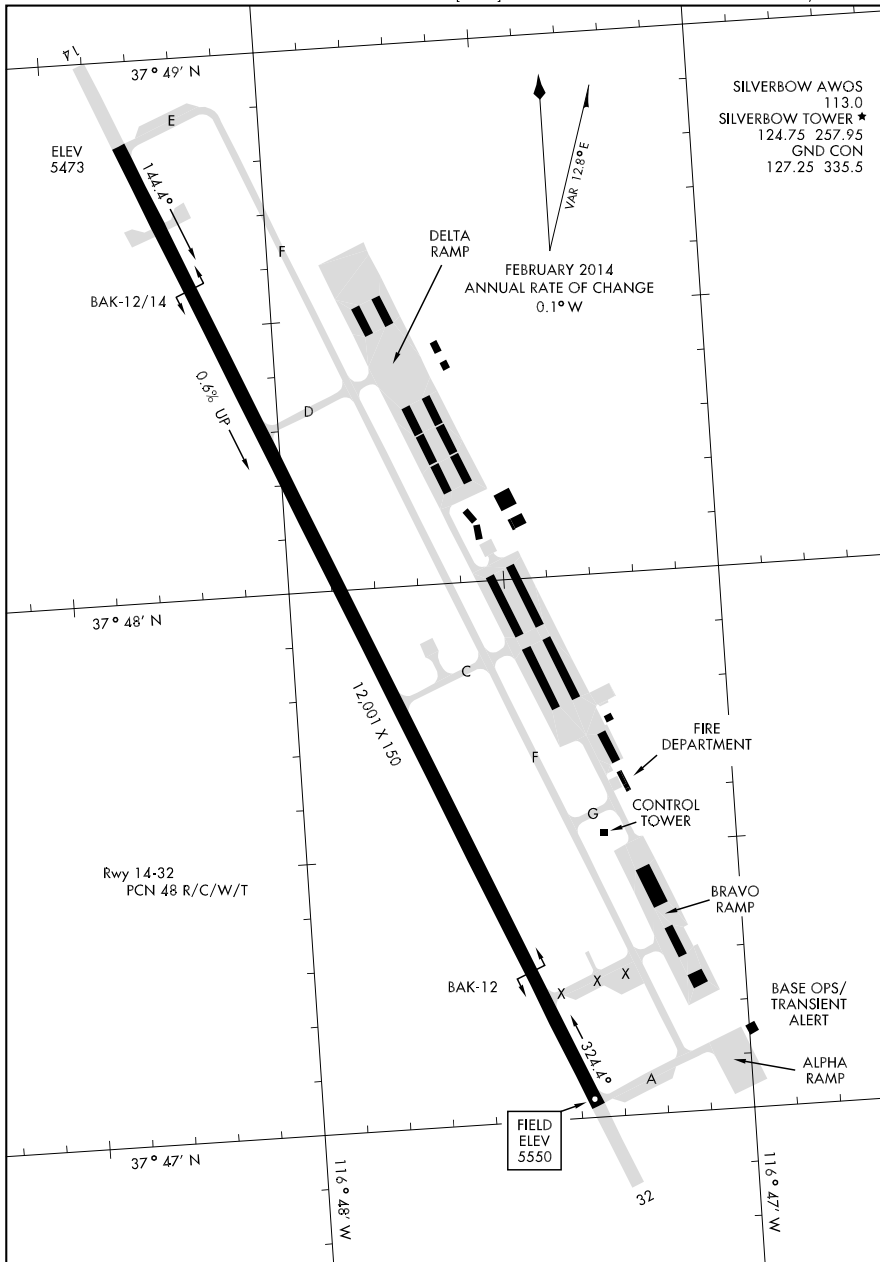
14037

AIRPORT DIAGRAM

AFD-3188 [USAF]

TONOPAH TEST RANGE (KTNX)

TONOPAH, NEVADA



AIRPORT DIAGRAM

TONOPAH, NEVADA

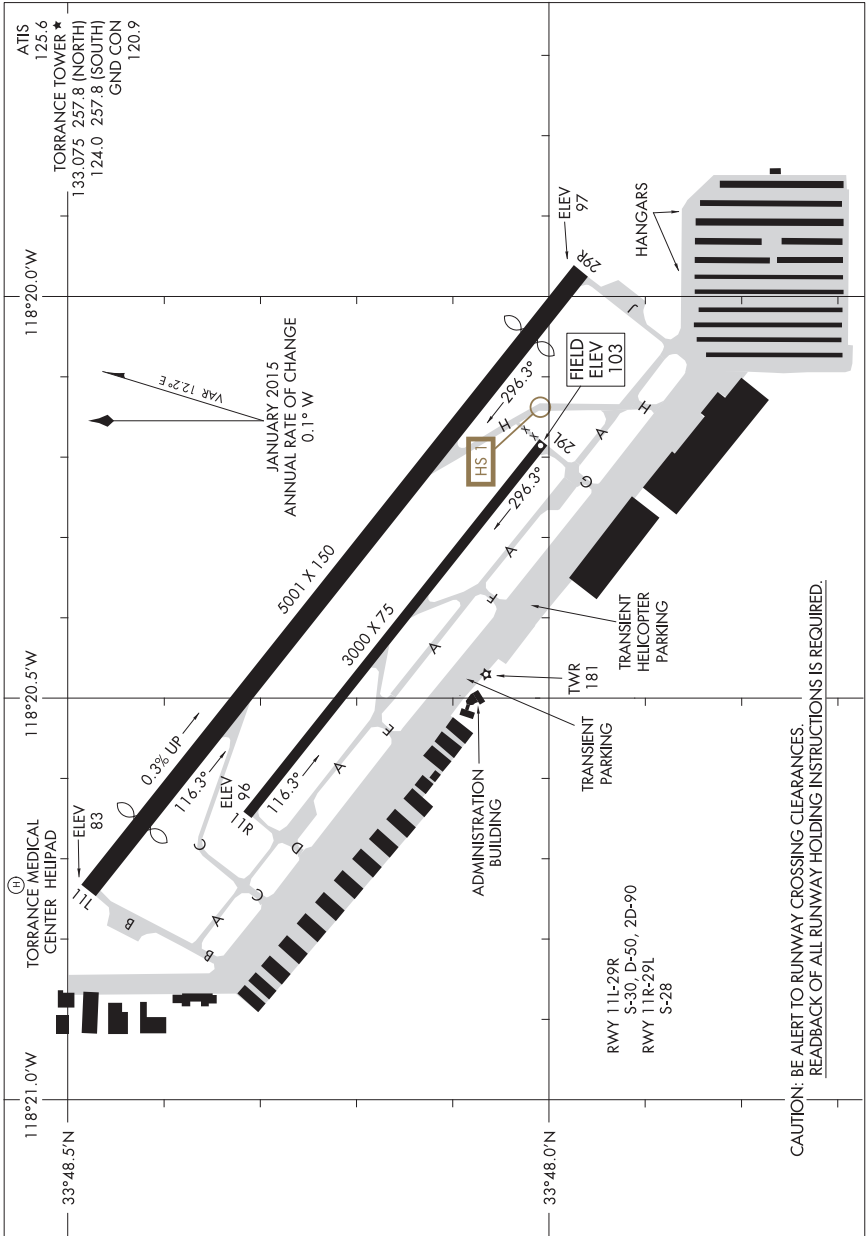
TONOPAH TEST RANGE (KTNX)

17285

AIRPORT DIAGRAM

AL-5179 (FAA)

ZAMPERINI FIELD (TOA)
TORRANCE, CALIFORNIA



AIRPORT DIAGRAM

17285

TORRANCE, CALIFORNIA
ZAMPERINI FIELD (TOA)

17005

AIRPORT DIAGRAM

AFD-488 [USAF]

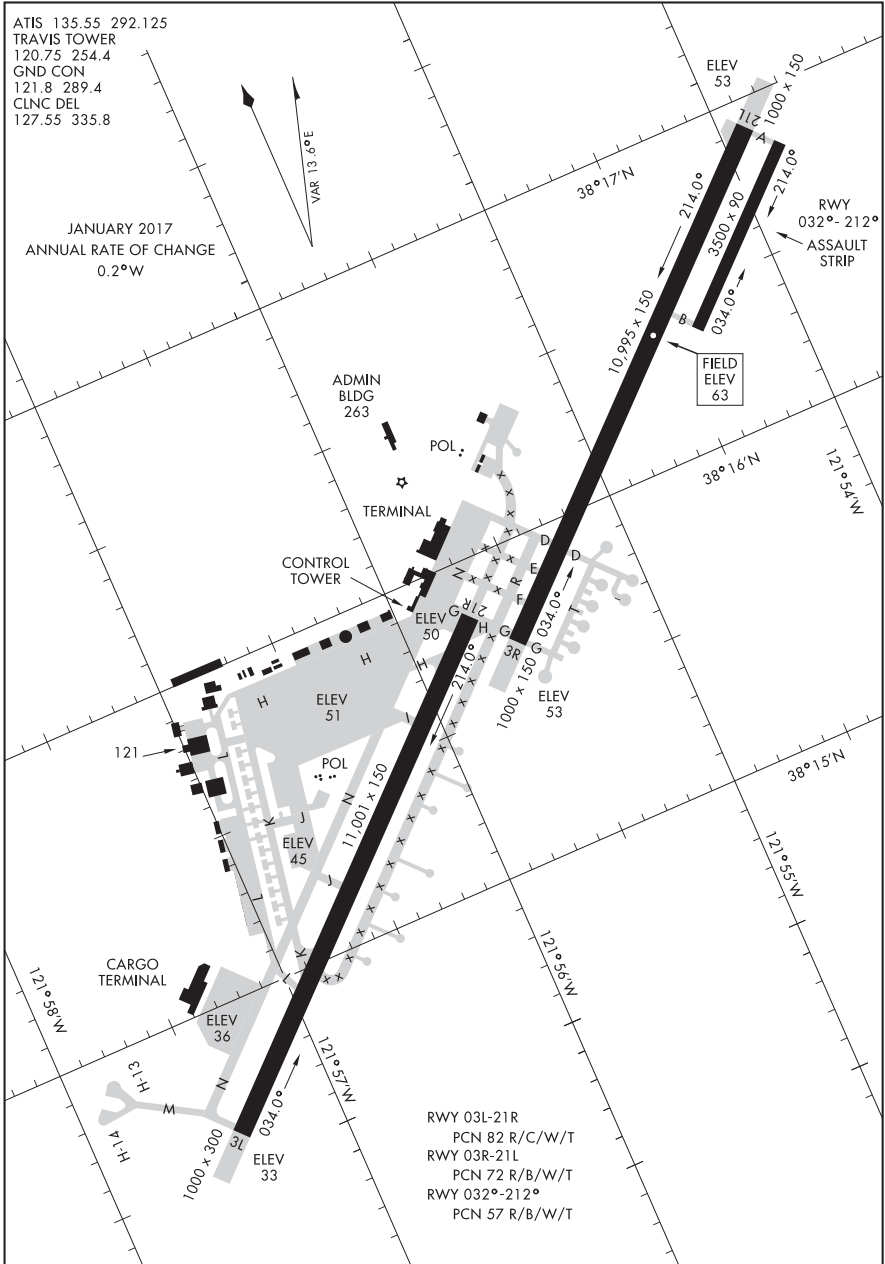
TRAVIS AFB (KSUU)

FAIRFIELD, CALIFORNIA

ATIS 135.55 292.125
 TRAVIS TOWER
 120.75 254.4
 GND CON
 121.8 289.4
 CLNC DEL
 127.55 335.8

JANUARY 2017
 ANNUAL RATE OF CHANGE
 0.2°W

VAR 13.6°E



RWY 03L-21R
 PCN 82 R/C/W/T
 RWY 03R-21L
 PCN 72 R/B/W/T
 RWY 032°-212°
 PCN 57 R/B/W/T

AIRPORT DIAGRAM

FAIRFIELD, CALIFORNIA
TRAVIS AFB (KSUU)

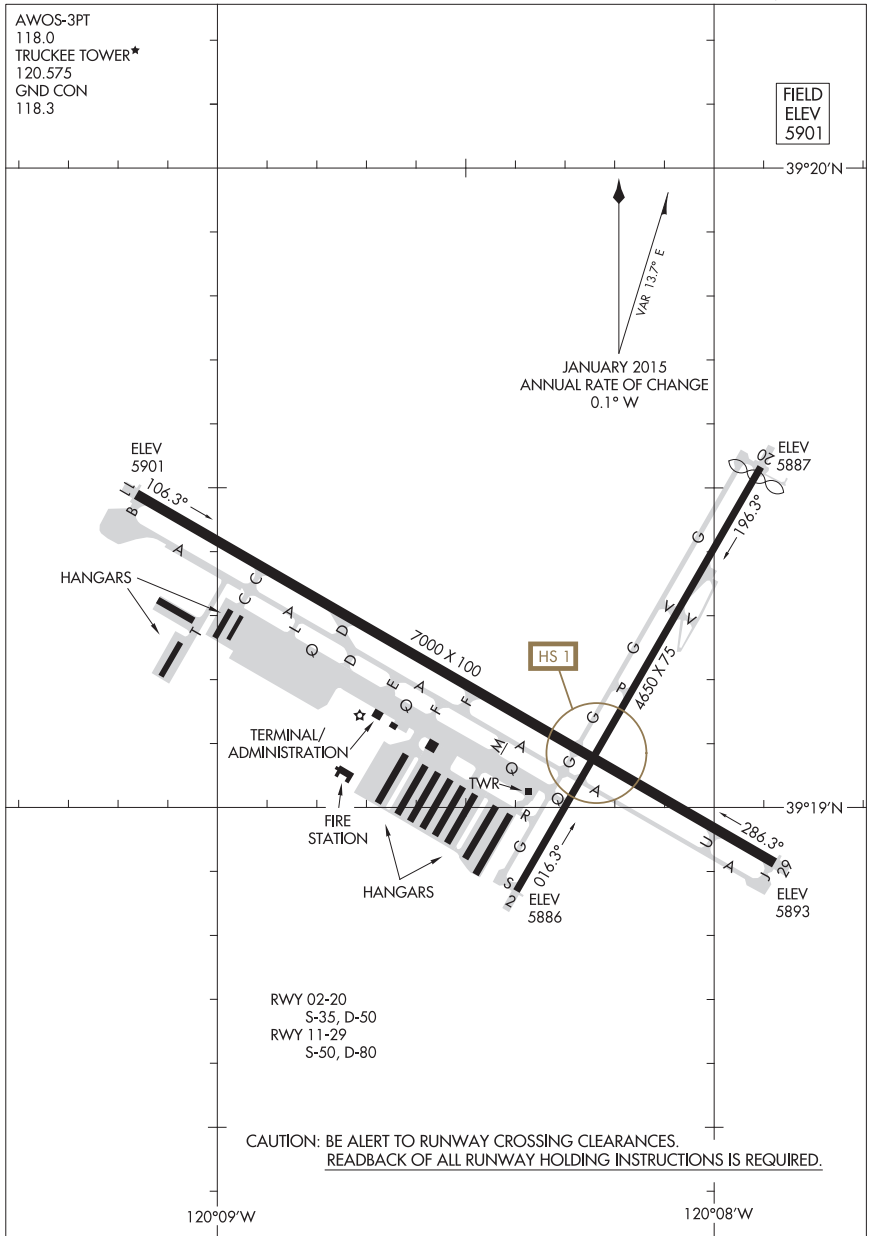
17173

AIRPORT DIAGRAM

AL-6021 (FAA)

TRUCKEE - TAHOE (TRK)

TRUCKEE, CALIFORNIA



AIRPORT DIAGRAM

17173

TRUCKEE, CALIFORNIA

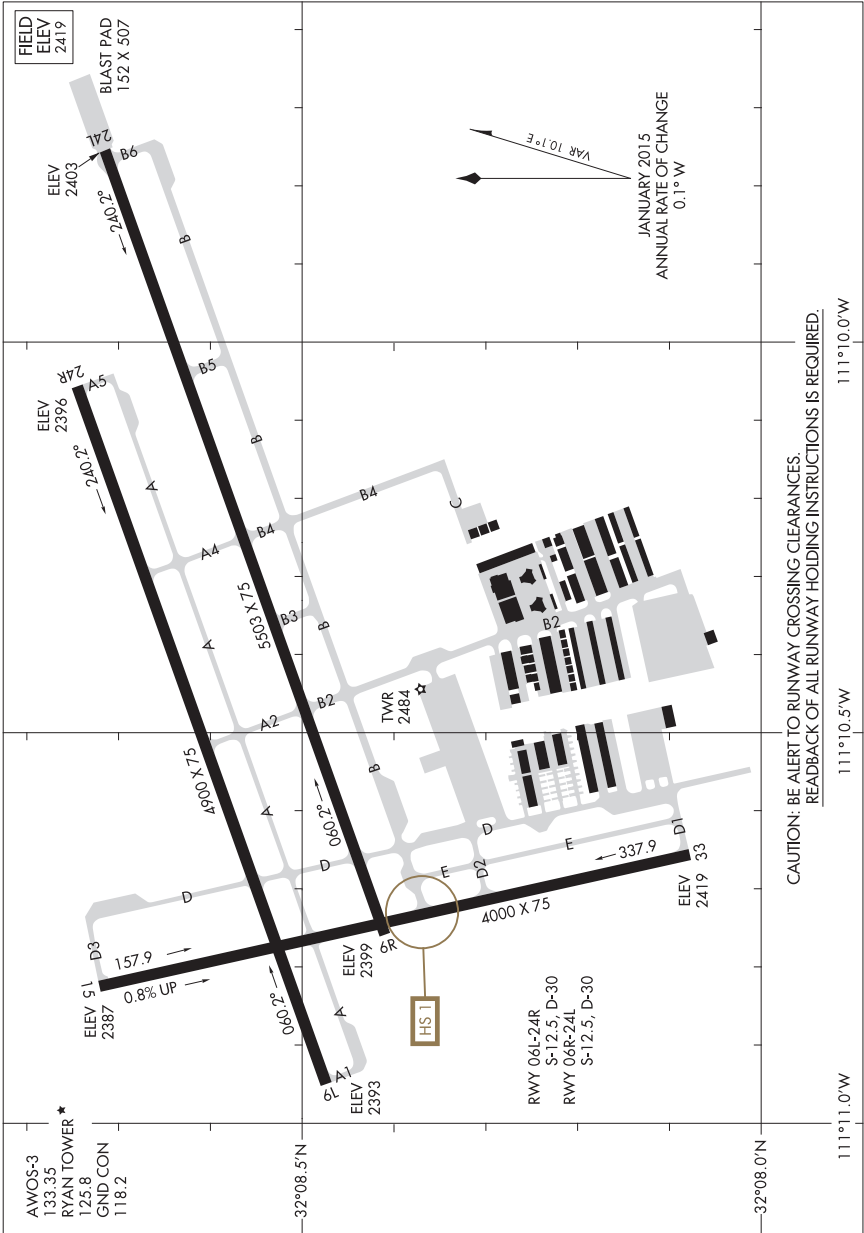
TRUCKEE - TAHOE (TRK)

15064

AIRPORT DIAGRAM

AL-6513 (FAA)

RYAN FIELD (RYN)
TUCSON, ARIZONA



AIRPORT DIAGRAM

15064

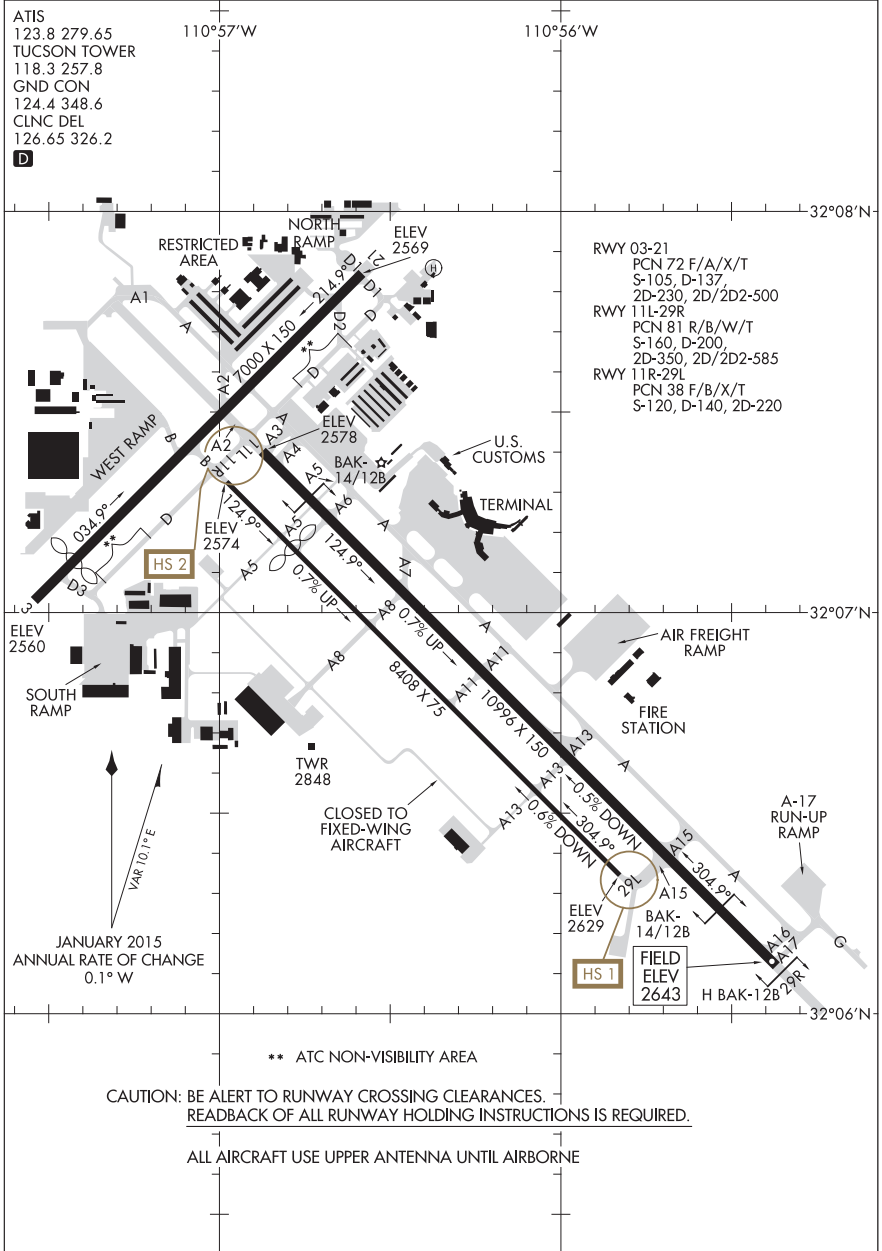
TUCSON, ARIZONA
RYAN FIELD (RYN)

18088

AIRPORT DIAGRAM

AL-430 (FAA)

TUCSON INTL (TUS)
TUCSON, ARIZONA



AIRPORT DIAGRAM

18088

TUCSON, ARIZONA
TUCSON INTL (TUS)

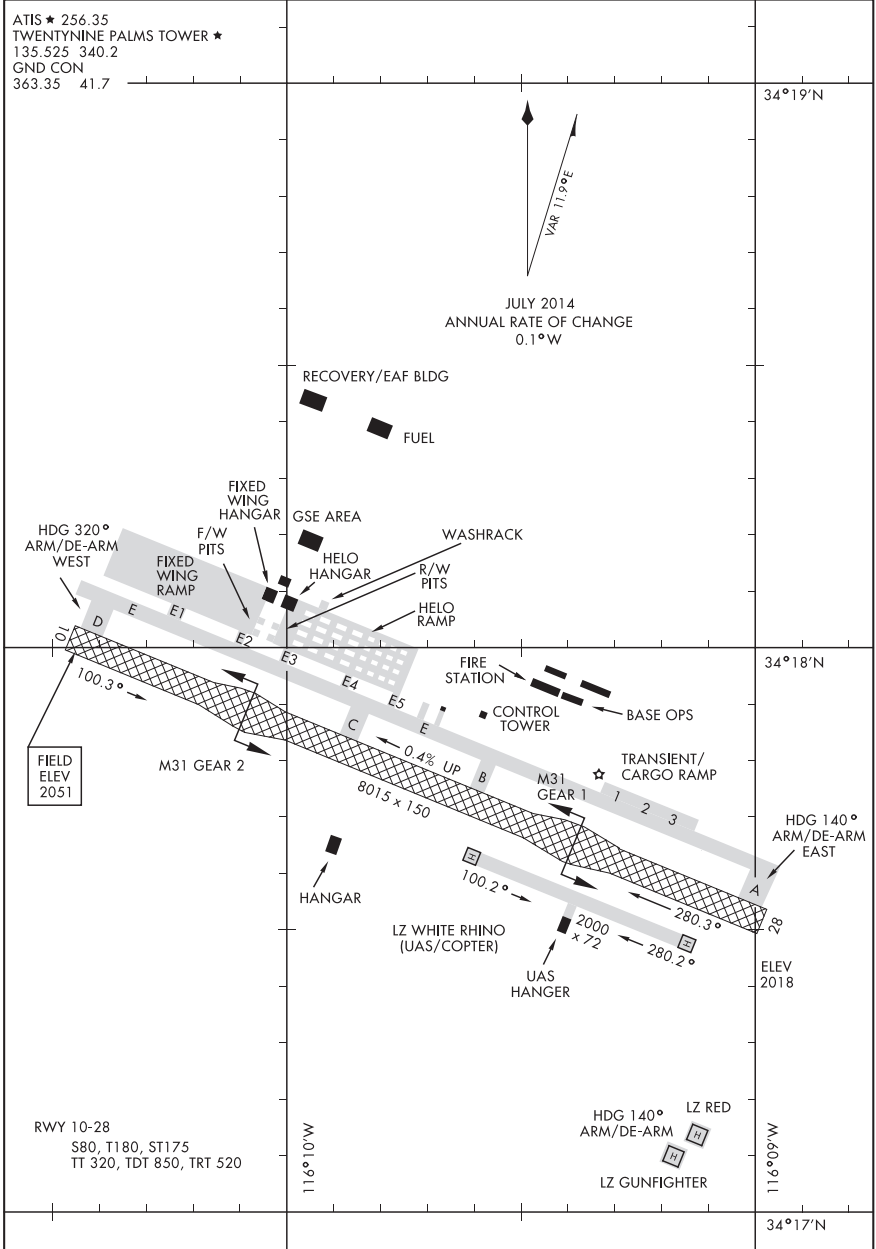
14205

TWENTYNINE PALMS SELF (KNXP)

AIRPORT DIAGRAM

AFD-3160 [USN]

TWENTYNINE PALMS, CALIFORNIA



AIRPORT DIAGRAM

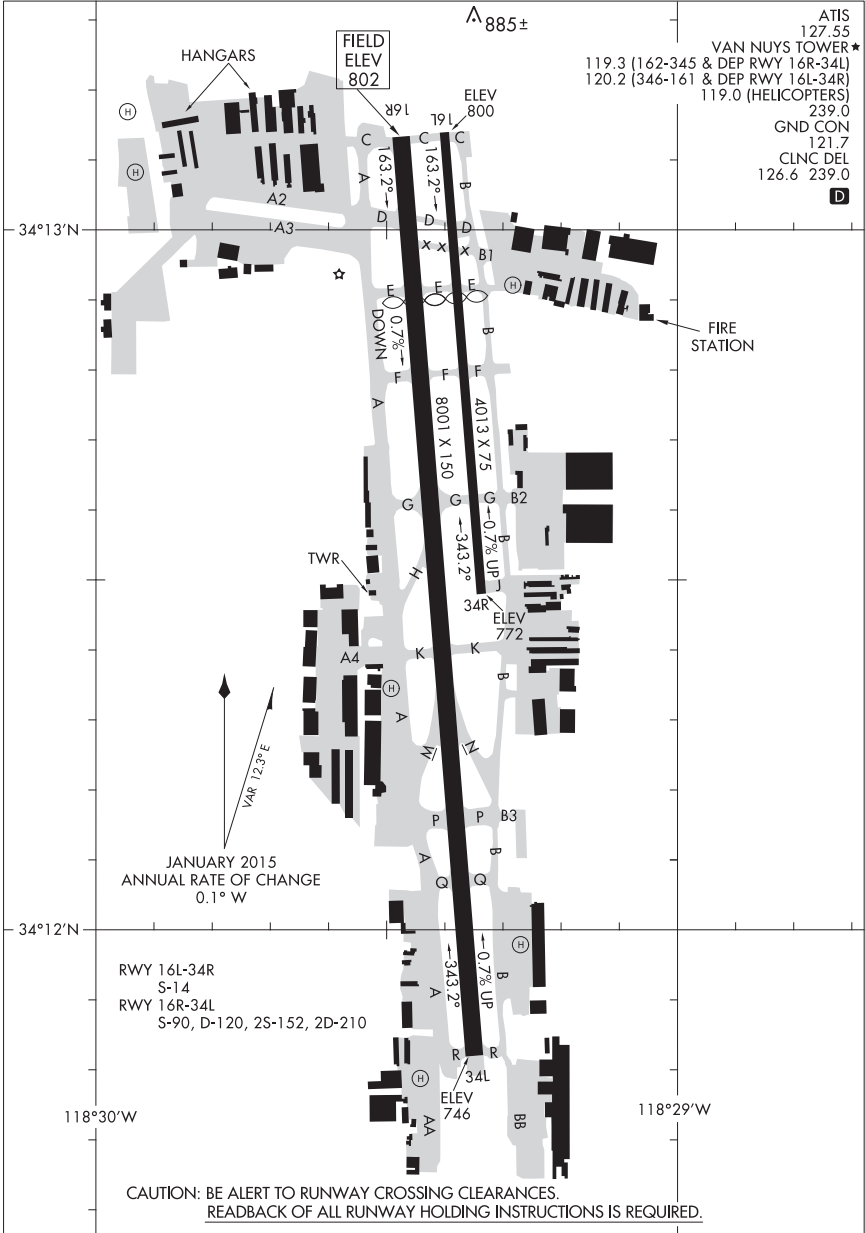
TWENTYNINE PALMS, CALIFORNIA
TWENTYNINE PALMS SELF (KNXP)

17061

AIRPORT DIAGRAM

AL-552 (FAA)

VAN NUYS (VNY)
VAN NUYS, CALIFORNIA



AIRPORT DIAGRAM

17061

VAN NUYS, CALIFORNIA
VAN NUYS (VNY)

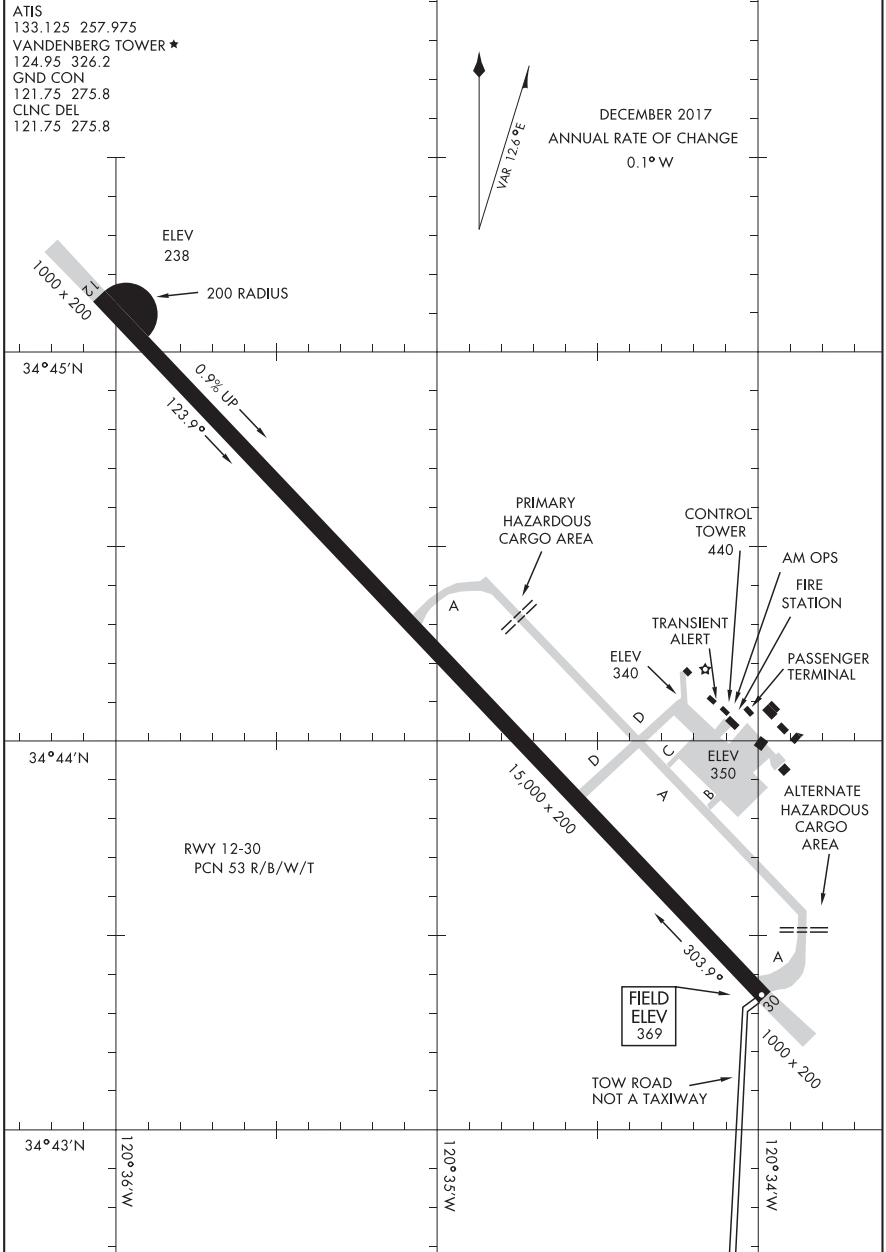
17341

VANDENBERG AFB (KVBG)

AIRPORT DIAGRAM

AFD-770 [USAF]

LOMPOC, CALIFORNIA



AIRPORT DIAGRAM

LOMPOC, CALIFORNIA

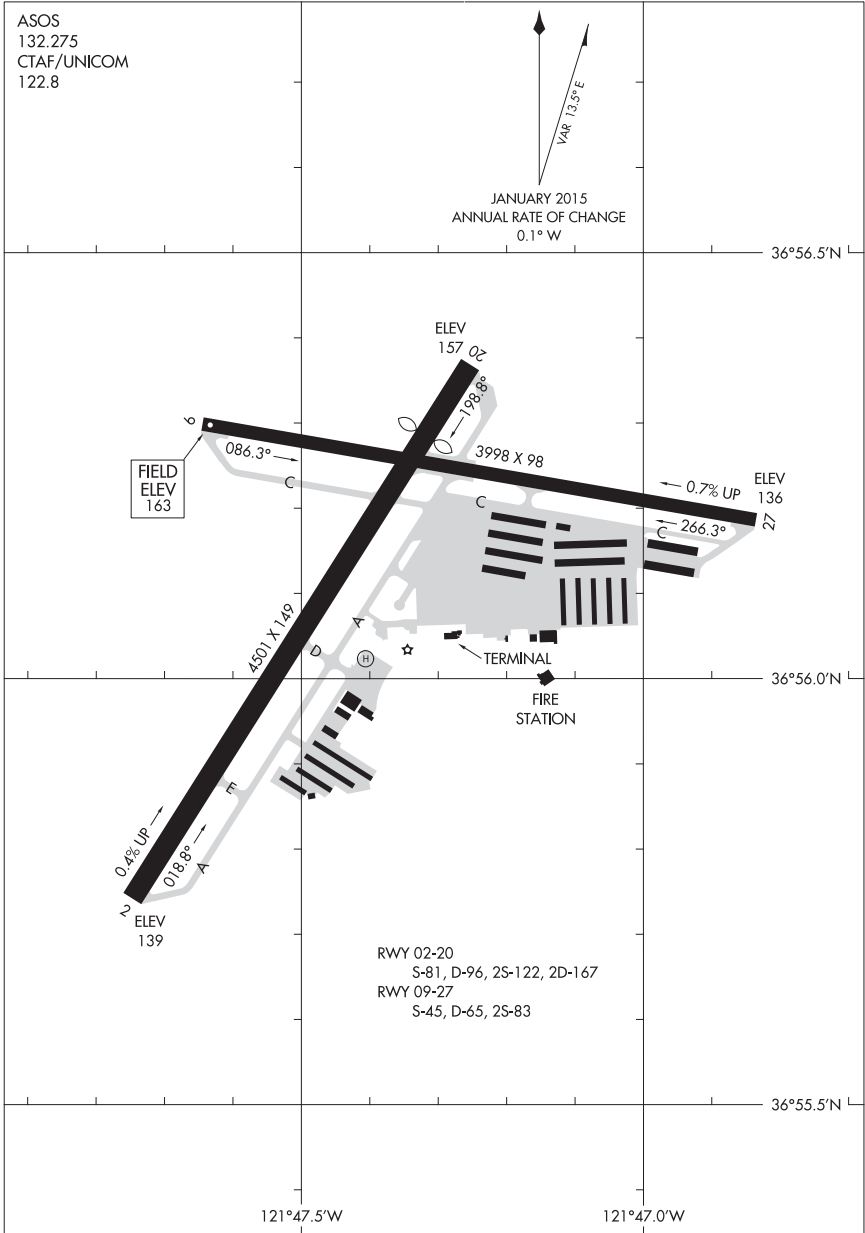
VANDENBERG AFB (KVBG)

15064

AIRPORT DIAGRAM

AL-805 (FAA)

WATSONVILLE MUNI (WVI)
WATSONVILLE, CALIFORNIA



AIRPORT DIAGRAM

15064

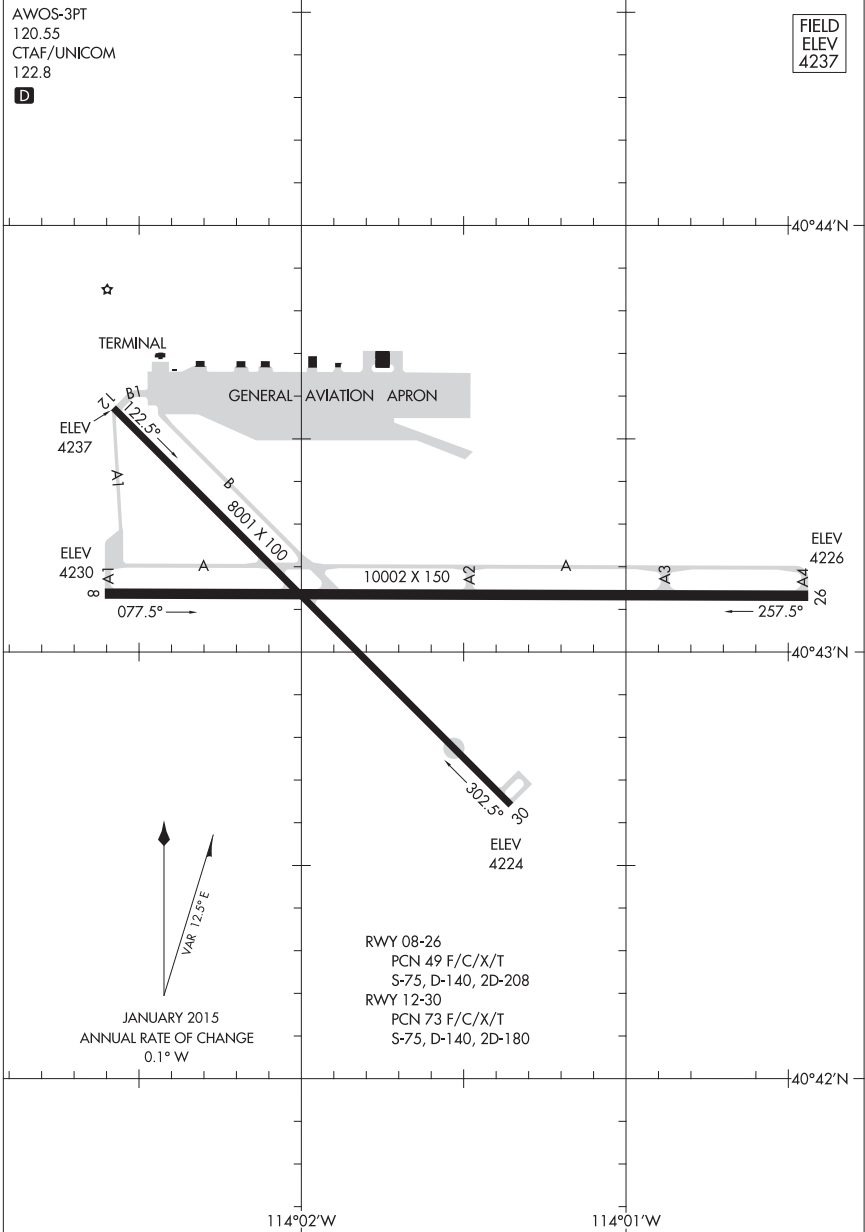
WATSONVILLE, CALIFORNIA
WATSONVILLE MUNI (WVI)

17285

AIRPORT DIAGRAM

AL-445 (FAA)

WENDOVER (E,NV)
WENDOVER, UTAH



AIRPORT DIAGRAM

17285

WENDOVER, UTAH
WENDOVER (E,NV)

17285

AIRPORT DIAGRAM

WINNEMUCCA MUNI (WMC)
WINNEMUCCA, NEVADA

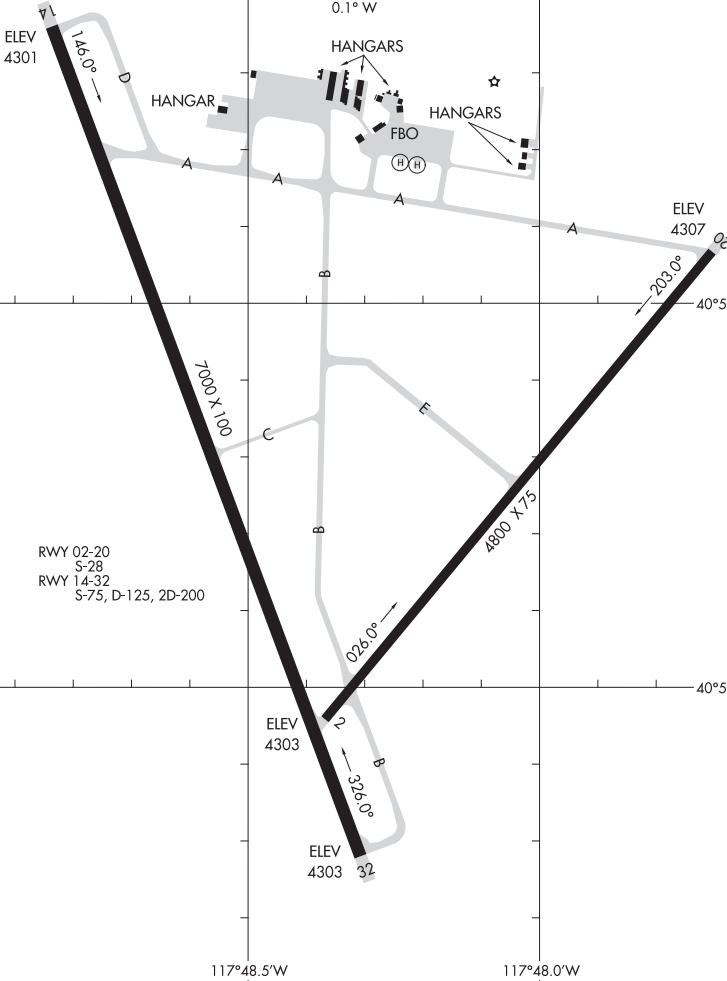
AL-6471 (FAA)

FIELD
ELEV
4308

ASOS
120.175
CTAF/UNICOM
122.8



JANUARY 2015
ANNUAL RATE OF CHANGE
0.1° W



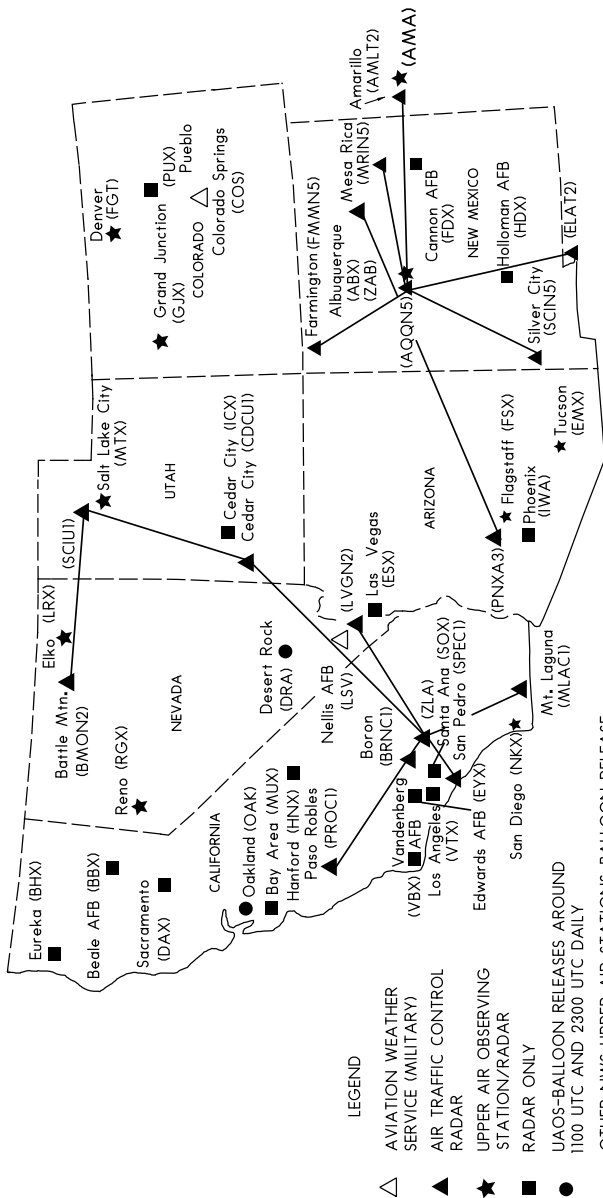
RWY 02-20
5-28
RWY 14-32
5-75, D-125, 2D-200

AIRPORT DIAGRAM

17285

WINNEMUCCA, NEVADA
WINNEMUCCA MUNI (WMC)

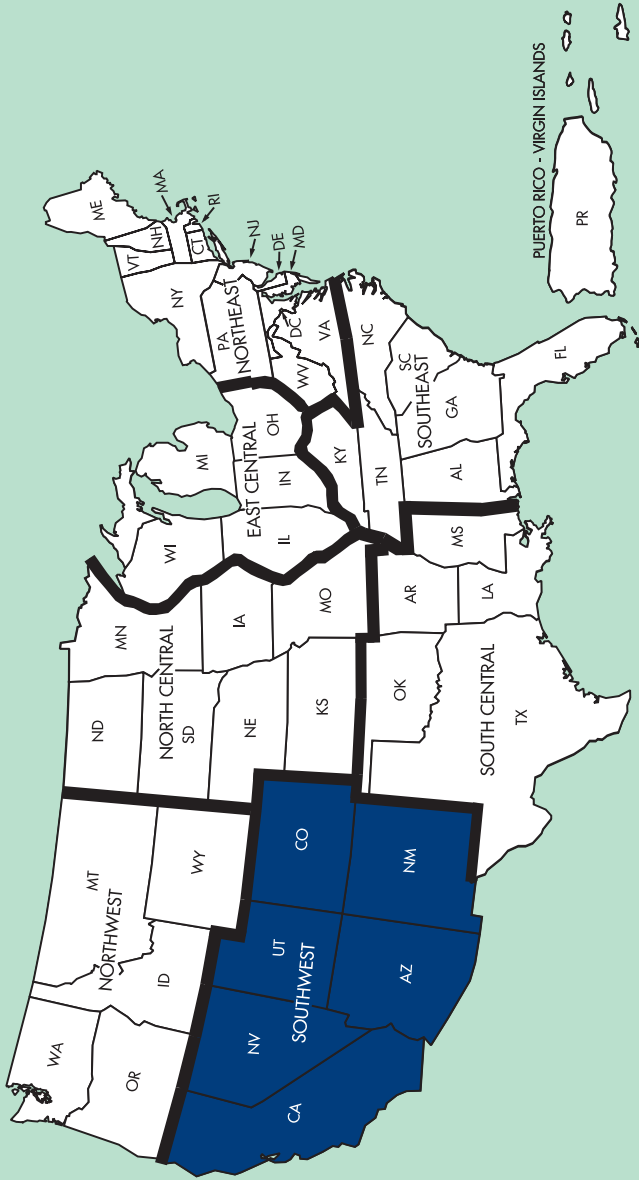
NATIONAL WEATHER SERVICE (NWS)
UPPER AIR OBSERVING STATIONS (UAOS)
AND
WEATHER RADAR NETWORK



NOTE: FOR RELEASE LATER THAN 1130 UTC AND 2330 UTC, AND FOR SPECIAL RELEASES AT OTHER THAN THE SCHEDULED HOURS, AN AERONAUTICAL INFORMATION MESSAGE WILL BE FILED.

OTHER NWS UPPER AIR STATIONS-BALLOON RELEASE TIMES ARE FLEXIBLE BUT GENERALLY AROUND SUNRISE AND/OR EARLY AFTERNOON

**INTENTIONALLY
LEFT
BLANK**



FAA Product ID: AFDWSW



NSN 7641014109599

EFF. DATE 18088

NGA REF. NO. ENRXXAFDUSSW

OK-10-2861

SW

AZ

CA

CO

NM

NV

UT

29 MAR 2018 TO 24 MAY 2018