

Commercial Procedures

N _____ Pilot _____
A/C Type _____ CFI _____
Hobbs Start _____ Date ____ / ____ / ____
Hobbs End _____ Flight Time _____
Total _____ Pre & Post _____
IFR _____
T.O. Time _____ Arrival Time _____

_____ Preflight Discussion Vx _____ Vy _____ Bg _____

_____ Maneuvers / Performance Factors 1.3Vso _____ Vs1 _____
1.3Vs1 _____

_____ Crosswind Taxi

_____ Normal & Crosswind Takeoff & Climb (Vy +-5)

_____ Short Field Takeoff & Climb (Vx +5/-0 Then Vy +-5)

_____ Soft Field Takeoff & Climb (Vx or Vy then Vy +5Kts.)

_____ Collision Avoidance Precautions, Clearing Turns

_____ Other Procedures (specify)

_____ Maneuvering During Slow Flight **1.2 Vs1** +-5Kts. (Altitude +-50' Heading +-10 degrees) (Specified Bank +-10) (Roll out on headings +-10 degrees)

_____ Power Off Stalls (Heading +-10 degrees) (Bank <30 +0/-10) (Vy before final flap retraction)

_____ Power On Stalls (No less than 55-60% full power) (Heading +-10) (Bank <20 +-10 Vy) (Gear, flaps after positive rate of climb)

_____ Spin Awareness

_____ Navigation Systems / ATC Radar Services

_____ Diversion

_____ Pilotage / Ded. Reckoning

_____ Steep Turns (<Va & 50 degrees +/- 5) (Heading +-10 degrees, Altitude +-100' Airspeed +-10 Kts.) 360 degree turn immediate in opposite direction

_____ Chandelles (<Va & 30 degrees bank) (Constant bank to 90 degree point) (Constant rate rollout 90 to 180 degree point.) (constant pitch; rollout +-10 degrees; +-5kts. of power on stall speed.) (Resume straight-level at final altitude +-50')

_____ Lazy Eights (Constant change of pitch, bank & turn rate.) (Consistent altitude and airspeed at 90 degree points +-100' +- 10kts.) (Attains starting altitude & airspeed at completion +- 100' +-10 Kts.) (Heading tolerance +-10 degrees at each 180 degree point.) Continue throughout 2 180 degree circuits.

_____ Eights On Pylons (3-5 sec. Straight flight through pylons.) (Line-of-sight remains on pylon with minimum longitudinal movement) (Avoid slips and skids.)
GS Mph₂/15 = P.A. GS Kts₂/11.3 = P.A.

_____ Short Field Approaches & Landings (Recommended speed or **1.3Vso** w/gust factor, +-5Kts.) Specified point, or <100' past point.)

_____ Soft Field Landing (**1.3 Vso** +10/-5 w/gust factor)

_____ Crosswind Landing / Taxi _____ Forward Slips

_____ Go-Around (Vy +-5)

_____ Emergency Descent _____ Supplemental Oxygen

_____ Systems & Equipment Malfunctions

_____ Emergency Approach & Landing, Emergency Equipment

_____ Pressurization (Simulated pressurization system malfunctions.)

_____ Postflight Procedures