

Lear 60 Limitations Ascending Numerical Order

Max Water/Slush	¾	Inch
Turb Air	.73 (250)	Mach (IAS)
N1 Limits Max, Transient, FADEC Cutoff	102-104-110	%
Fuel Temp	-54	Deg. C
FSII Use	-40	Deg. C
Fuel Temp for Takeoff other than JP4 or equiv	-29	Deg. C
Operational	-54 to +50	Deg. C
Use GPU	0	Deg. C
Hyd Qty Below Standpipe	.4	Gal
A of A Indicator at 1.3 Vs	.6	Degrees
Mach Trim Engages	.70	Mach
Mmo with Mach Trim and AP Disengaged	.77	Mach
Mmo 43,000 & ABV	.78	Mach
Mmo 26,750 to 37,000	.81	Mach
Mmo 37,000 - 43,000	.81 to .78	Mach
GS Warning	1.3	Dots Below
Oil Capacity	1.95	Gal
Limit Load Flaps Down	2	G
Limit Load Flaps Up	3 to -1	G
Alcohol Reservoir Capacity	2.35	Gal.
Dihedral	2.5	Degrees
FUEL PRESS Annunciator	2.75	PSI
Aux Hydraulic Pump Minutes on (20 Min off)	3	Min
EMER BATT #1 Duration	3.1	Hours
Anti-Ice On Ground	4.4	Deg. C
No NAC HEAT with Associated Engine Off More than	5	Sec
APR Thrust TO	5	Min
Spoiler Monitor Aileron Deflection Difference	6	Degrees
Number of Standby Pumps	6	Qty.
Number of Jet Pumps	8	Qty.
Max Diff Press	9.8	PSIG
Anti-Ice On 1 Mile or less visible of any kind	10	Deg. C
Max Tailwind	10	KTS
Engine Hydraulic Pumps Flow	10	GPM
Check Oil After Shutdown	10	Minutes
VMO 20,000-23,000	340-330	KIAS
Static Wicks Minimum	14	Qty
Abort if no Start after Seconds	15	Seconds
No NAC HEAT >30 seconds above	15	Deg. C
DC Busses	16	Amount
APU Fire Extinguish Discharge after activation	17	Seconds
Fuel Drains	17	Quantity
HYD Reservoir Pressure	17	LBS
Battery Relay	17	VDC
Static Wicks Installed	19	Qty
OIL PRESS Less Than	20	PSI
Minimum Fuel Truck Pressure	20	PSI

Nosewheel Limit above 10 Kts	24	Degrees
Max Demo XW	29	Kts
Max Limit Free Fall Lever	30	Seconds
Generators Output	30	VDC
Over Voltage	32	VDC
Min Oil Press	36	PSIG
Starter limits Wait Time	3, 15, 30	Min
Thrust Reverse	50	KTS
Idle Gnd	52	% N2
Maximum Fuel Truck Pressure	60	PSI
Idle Flt. (No Nac Heat Above)	65	% N1 (N2)
Max Oil Press	80	PSIG
Nosewheel Steering Powered Below	90	KTS
VMCG Rudder Boost ON	95	KIAS
EMER BATT #2 Duration	99.2	Hours
N1, N2 Limits - Transient	102 - 104	% N1 (N2)
N1, N2 Limits	110	% N1 (N2)
VMCA Flaps 20	110	KIAS
VMCG Rudder Boost OFF	116	KIAS
VMCA Flaps 8	120	KIAS
HYD PRESS LIGHT	150	PSI
VFE 40	165	KIAS
Max Tire Limit	182	KTS GS
VFE 20	200	KIAS
TO & LDG Fuel Load Balance	200	LBS
Vlo	200	KIAS
Max Turb	250 (.73)	KIAS (M)
VFE 8	250	KIAS
Vle	260	KIAS
Max Bags in Rear	260	LBS
VMO up to 8,000	300	KIAS
Max Bags in Tail Cone	300	LBS
Generator Output Ground	325	Amps
VMO 23,000 -26,750	330	KIAS
VMO 8,000-20,000	340	KIAS
Unusable Gravity Transfer	350	LBS
Generator Output Flight	400	Amps
Scavenge Pumps Less Than & LOW FUEL LIGHT	410	LBS
Number Built	423	Units
Enroute Fuel Load Balance	500	LBS
Halon Bottle @ 70 Degrees F	600	PSI
VMO 20,000 -23,000	340 to 330	KIAS
Accumulator Minimum	750	PSI
ITT Limits Max Cont	785	ITT
ITT Limits Max Transient	825	ITT
ITT Max Start	950	ITT
FADEC TERMINATES START (<200 >15 Sec)	1,000	ITT
Minimum Autopilot Altitude	1,000	Feet

Wing Fuel Tank Capacity	1,400	LBS
Aux Hydraulic Pressure	1400 - 1550	LBS
Normal Hydraulic Pressure	1,500	PSI
Norm O2 Press Gauge (1850)	1,550	PSIG
Hydraulic Pressure Relief	1,750	PSI
Gear Air and Brake Air (3000)	1,800	PSI
Green Disc (3000)	2,700	PSI
Thrust	4,600	LBS
Fuselage Tank Capacity	5,000	LBS
Fuel Qty. SPPR	7,800	LBS
Fuel Qty. Over Wing	7,910	LBS
AUTO MODE for TO & LDG Above	8,000	PA
MAX Cabin ALT	8,000	PA
AP V/S Mode Below	8,000	PA
AP IAS Mode Above	8,000	PA
PRESS SYS Illuminates AUTO	8,600	Cabin
PRESS SYS Illuminates MAN	8,750	Cabin
Emer. Press. Valves Open w Engine Bleed into Cabin	9,500	Cabin
Cabin Altitude Warning Horn	10,100	Cabin
Max Cabin Altitude (Outflow Closes) MAX PA TOLDG	13,700	Feet
O2 Masks Deploy automatically +-250	14,500	Feet
ZFW	17,000	LBS
Intentional stalls	18,000	Feet
Max TO Anti-Skid Inop	18,500	Lbs.
Max CERT Landing Weight	19,500	LBS
MAX CERT TOW	23,500	LBS
Max RAMP	23,750	LBS
Pax not intended for prolonged above	25,000	Cabin
Pax O2 Not Deliver Sufficient Above	34,000	Feet
O2 Masks Deliver 100% O2 above	35,000	Feet
Spoilers Inop	38,000	Feet
O2 Masks Not Approved Above	40,000	Feet
Max Pressure Altitude	51,000	Feet