

Lear 60 Limitations Ascending Value

N1 Limits Max, Transient, FADEC Cutoff	102-104-110	%
Idle Flt. (No Nac Heat Above)	65	% N1 (N2)
N1, N2 Limits - Transient	102 - 104	% N1 (N2)
N1, N2 Limits	110	% N1 (N2)
Idle Gnd	52	% N2
DC Busses	16	Amount
Generator Output Ground	325	Amps
Generator Output Flight	400	Amps
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
Pax not intended for prolonged above	25,000	Cabin
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
Anti-Ice On Ground	4.4	Deg. C
Anti-Ice On 1 Mile or less visible of any kind	10	Deg. C
No NAC HEAT >30 seconds above	15	Deg. C
A of A Indicator at 1.3 Vs	.6	Degrees
Dihedral	2.5	Degrees
Spoiler Monitor Aileron Deflection Difference	6	Degrees
Nosewheel Limit above 10 Kts	24	Degrees
GS Warning	1.3	Dots Below
Minimum Autopilot Altitude	1,000	Feet
Max Cabin Altitude (Outflow Closes) MAX PA TOLDG	13,700	Feet
O2 Masks Deploy automatically +/-250	14,500	Feet
Intentional stalls	18,000	Feet
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
Limit Load Flaps Down	2	G
Limit Load Flaps Up	3 to -1	G
Hyd Qty Below Standpipe	.4	Gal
Oil Capacity	1.95	Gal
Alcohol Reservoir Capacity	2.35	Gal.
Engine Hydraulic Pumps Flow	10	GPM
EMER BATT #1 Duration	3.1	Hours
EMER BATT #2 Duration	99.2	Hours
Max Water/Slush	¾	Inch
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
VMO 20,000-23,000	340-330	KIAS
VMCG Rudder Boost ON	95	KIAS
VMCA Flaps 20	110	KIAS
VMCG Rudder Boost OFF	116	KIAS
VMCA Flaps 8	120	KIAS
VFE 40	165	KIAS
VFE 20	200	KIAS
Vlo	200	KIAS
VFE 8	250	KIAS
Vle	260	KIAS
VMO up to 8,000	300	KIAS
VMO 23,000 -26,750	330	KIAS
VMO 8,000-20,000	340	KIAS
VMO 20,000 -23,000	340 to 330	KIAS
Max Turb	250 (.73)	KIAS (M)
Max Tailwind	10	KTS
Max Demo XW	29	Kts
Thrust Reverse	50	KTS
Nosewheel Steering Powered Below	90	KTS
Max Tire Limit	182	KTS GS
HYD Reservoir Pressure	17	LBS
TO & LDG Fuel Load Balance	200	LBS
Max Bags in Rear	260	LBS
Max Bags in Tail Cone	300	LBS
Unusable Gravity Transfer	350	LBS
Scavenge Pumps Less Than & LOW FUEL LIGHT	410	LBS
Enroute Fuel Load Balance	500	LBS
Wing Fuel Tank Capacity	1,400	LBS
Aux Hydraulic Pressure	1400 - 1550	LBS
Thrust	4,600	LBS
Fuselage Tank Capacity	5,000	LBS
Fuel Qty. SPPR	7,800	LBS
Fuel Qty. Over Wing	7,910	LBS
ZFW	17,000	LBS
Max CERT Landing Weight	19,500	LBS
MAX CERT TOW	23,500	LBS
Max RAMP	23,750	LBS
Max TO Anti-Skid Inop	18,500	Lbs.
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
Turb Air	.73 (250)	Mach (IAS)
Aux Hydraulic Pump Minutes on (20 Min off)	3	Min
APR Thrust TO	5	Min
Starter limits Wait Time	3, 15, 30	Min

Check Oil After Shutdown	10	Minutes
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
FUEL PRESS Annunciator	2.75	PSI
OIL PRESS Less Than	20	PSI
Minimum Fuel Truck Pressure	20	PSI
Maximum Fuel Truck Pressure	60	PSI
HYD PRESS LIGHT	150	PSI
Halon Bottle @ 70 Degrees F	600	PSI
Accumulator Minimum	750	PSI
Normal Hydraulic Pressure	1,500	PSI
Hydraulic Pressure Relief	1,750	PSI
Gear Air and Brake Air (3000)	1,800	PSI
Green Disc (3000)	2,700	PSI
Max Diff Press	9.8	PSIG
Min Oil Press	36	PSIG
Max Oil Press	80	PSIG
Norm O2 Press Gauge (1850)	1,550	PSIG
Static Wicks Minimum	14	Qty
Static Wicks Installed	19	Qty
Number of Standby Pumps	6	Qty.
Number of Jet Pumps	8	Qty.
Fuel Drains	17	Quantity
No NAC HEAT with Associated Engine Off More than	5	Sec
Abort if no Start after Seconds	15	Seconds
APU Fire Extinguish Discharge after activation	17	Seconds
Max Limit Free Fall Lever	30	Seconds
Number Built	423	Units
Battery Relay	17	VDC
Generators Output	30	VDC
Over Voltage	32	VDC