

### Lear 60 Limitations A-Z

A of A Indicator at 1.3 Vs	.6	Degrees
Abort if no Start after Seconds	15	Seconds
Accumulator Minimum	750	PSI
Alcohol Reservoir Capacity	2.35	Gal.
Anti-Ice On 1 Mile or less visible of any kind	10	Deg. C
Anti-Ice On Ground	4.4	Deg. C
AP IAS Mode Above	8,000	PA
AP V/S Mode Below	8,000	PA
APR Thrust TO	5	Min
APU Fire Extinguish Discharge after activation	17	Seconds
AUTO MODE for TO & LDG Above	8,000	PA
Aux Hydraulic Pressure	1400 - 1550	LBS
Aux Hydraulic Pump Minutes on (20 Min off)	3	Min
Battery Relay	17	VDC
Cabin Altitude Warning Horn	10,100	Cabin
Check Oil After Shutdown	10	Minutes
DC Busses	16	Amount
Dihedral	2.5	Degrees
EMER BATT #1 Duration	3.1	Hours
EMER BATT #2 Duration	99.2	Hours
Emer. Press. Valves Open w Engine Bleed into Cabin	9,500	Cabin
Engine Hydraulic Pumps Flow	10	GPM
Enroute Fuel Load Balance	500	LBS
<b>FADEC TERMINATES START (&lt;200 &gt;15 Sec)</b>	<b>1,000</b>	<b>ITT</b>
FSII Use	-40	Deg. C
Fuel Drains	17	Quantity
FUEL PRESS Annunciator	2.75	PSI
Fuel Qty. Over Wing	7,910	LBS
Fuel Qty. SPPR	7,800	LBS
Fuel Temp	-54	Deg. C
Fuel Temp for Takeoff other than JP4 or equiv	-29	Deg. C
Fuselage Tank Capacity	5,000	LBS
Gear Air and Brake Air (3000)	1,800	PSI
Generator Output Flight	400	Amps
Generator Output Ground	325	Amps
Generators Output	30	VDC
Green Disc (3000)	2,700	PSI
GS Warning	1.3	Dots Below
Halon Bottle @ 70 Degrees F	600	PSI
HYD PRESS LIGHT	150	PSI
Hyd Qty Below Standpipe	.4	Gal
HYD Reservoir Pressure	17	LBS
Hydraulic Pressure Relief	1,750	PSI
Idle Flt. (No Nac Heat Above)	65	% N1 (N2)
Idle Gnd	52	% N2
Intentional stalls	18,000	Feet
<b>ITT Limits Max Cont</b>	<b>785</b>	<b>ITT</b>

ITT Limits Max Transient	825	ITT
ITT Max Start	950	ITT
Limit Load Flaps Down	2	G
Limit Load Flaps Up	3 to -1	G
Mach Trim Engages	.70	Mach
Max Bags in Rear	260	LBS
Max Bags in Tail Cone	300	LBS
MAX Cabin ALT	8,000	PA
Max Cabin Altitude (Outflow Closes) MAX PA TOLDG	13,700	Feet
Max CERT Landing Weight	19,500	LBS
MAX CERT TOW	23,500	LBS
Max Demo XW	29	Kts
Max Diff Press	9.8	PSIG
Max Limit Free Fall Lever	30	Seconds
Max Oil Press	80	PSIG
Max Pressure Altitude	51,000	Feet
Max RAMP	23,750	LBS
Max Tailwind	10	KTS
Max Tire Limit	182	KTS GS
Max TO Anti-Skid Inop	18,500	Lbs.
Max Turb	250 (.73)	KIAS (M)
Max Water/Slush	¾	Inch
Maximum Fuel Truck Pressure	60	PSI
Min Oil Press	36	PSIG
Minimum Autopilot Altitude	1,000	Feet
Minimum Fuel Truck Pressure	20	PSI
Mmo 26,750 to 37,000	.81	Mach
Mmo 37,000 - 43,000	.81 to .78	Mach
Mmo 43,000 & ABV	.78	Mach
Mmo with Mach Trim and AP Disengaged	.77	Mach
N1 Limits Max, Transient, FADEC Cutoff	102-104-110	%
N1, N2 Limits	110	% N1 (N2)
N1, N2 Limits - Transient	102 - 104	% N1 (N2)
No NAC HEAT >30 seconds above	15	Deg. C
No NAC HEAT with Associated Engine Off More than	5	Sec
Norm O2 Press Gauge (1850)	1,550	PSIG
Normal Hydraulic Pressure	1,500	PSI
Nosewheel Limit above 10 Kts	24	Degrees
Nosewheel Steering Powered Below	90	KTS
Number Built	423	Units
Number of Jet Pumps	8	Qty.
Number of Standby Pumps	6	Qty.
O2 Masks Deliver 100% O2 above	35,000	Feet
O2 Masks Deploy automatically +-250	14,500	Feet
O2 Masks Not Approved Above	40,000	Feet
Oil Capacity	1.95	Gal
OIL PRESS Less Than	20	PSI
Operational	-54 to +50	Deg. C

Over Voltage	32	VDC
Pax not intended for prolonged above	25,000	Cabin
Pax O2 Not Deliver Sufficient Above	34,000	Feet
PRESS SYS Illuminates AUTO	8,600	Cabin
PRESS SYS Illuminates MAN	8,750	Cabin
Scavenge Pumps Less Than & LOW FUEL LIGHT	410	LBS
Spoiler Monitor Aileron Deflection Difference	6	Degrees
Spoilers Inop	38,000	Feet
Starter limits Wait Time	3, 15, 30	Min
Static Wicks Installed	19	Qty
Static Wicks Minimum	14	Qty
Thrust	4,600	LBS
Thrust Reverse	50	KTS
TO & LDG Fuel Load Balance	200	LBS
Turb Air	.73 (250)	Mach (IAS)
Unusable Gravity Transfer	350	LBS
Use GPU	0	Deg. C
VFE 20	200	KIAS
VFE 40	165	KIAS
VFE 8	250	KIAS
Vle	260	KIAS
Vlo	200	KIAS
VMCA Flaps 20	110	KIAS
VMCA Flaps 8	120	KIAS
VMCG Rudder Boost OFF	116	KIAS
VMCG Rudder Boost ON	95	KIAS
VMO 20,000 -23,000	340 to 330	KIAS
VMO 20,000-23,000	340-330	KIAS
VMO 23,000 -26,750	330	KIAS
VMO 8,000-20,000	340	KIAS
VMO up to 8,000	300	KIAS
Wing Fuel Tank Capacity	1,400	LBS
ZFW	17,000	LBS