

## Lear 35A SER# 234 & 590 Limitations with FC-530 Autopilot Numerically Sorted

Fuel Temp	-54	Deg. C
Fuel Temp for Takeoff other than JP4 or equiv	-29	Deg. C
Mmo with Mach Trim and Autopilot Disengaged	.74	Mach
Mmo with Stick Puller Inoperative (left S.W. switch off)	.74	Mach
Mmo with any BLE missing	.77	Mach
Mmo	.81	Mach
Aux Hydraulic Pump Minutes on (20 Min off)	3	Min
Trim Takeoff Range to 7.6	5	degrees
Max Diff Press	10	PSI
Max Tailwind	10	KTS
Max Water/Slush	19	MM
Max Nosewheel Steering Speed	45	Kts GS
N1 or N2 Overspeed 1 Minute to 103%	100	%
N1 or N2 Overspeed 5 Sec to 105	103	%
Vmcg	103	KIAS
Vmca Sea Level -18c (0 f)	110	KIAS
Max Oil Temp	140	Deg. C
Vfe 21-40	150	KIAS
Max Tire Limit	182	Kts GS
Vfe 9-20	185	KIAS
A/P Fuel Imbalance	200	Lbs
A/P Minimum Altitudes Approach	200	Feet agl
Vfe 1-8	200	KIAS
Vlo	200	KIAS
Vle	260	KIAS
Airspeed Red Line /Barber Pole 67-670	300	KIAS
Vmo: Up to 8000 ft.	300	KIAS
Generator Output Ground	320	Amps
Airspeed Red Line /Barber Pole 018-063	350	KIAS
Vmo: 8000 and above	350	KIAS
Generator Output Flight	400	Amps
When using any AV Fuel in the mix Gal per 100	500	Hrs
Minimum Fuel each wing TO or G/A	600	Lbs.
ITT Limits Max Cont	832	Deg
ITT Limits Start	860	Deg
ITT Limits Takeoff	860	Deg
ITT Limits Max Transient	870	Deg
Max Tip Landing WT	925	lbs.
A/P Minimum Altitudes Cruise	1000	FT AGL
Max GPU Output	1100	Amps
Max Pressure Altitude for TO	10000	ft. MSL
Max Zero Wing and Tip Fuel Weight	13500	lbs.
Max Landing Weight	15300	lbs.
Freon Air Cond (No FCN 89-1) Off Above	18000	psi
Intentional stalls with flaps and gear extended not above	18000	ft.
Max Takeoff most aircraft	18300	lbs.
Max Ramp most Aircraft	18500	lbs
O2 Masks must be quick donning above	25000	ft
Pax Mask not intended for prolonged use above	25000	ft.Cabin
Freon Air Cond (FCN 89-1) Off Above	35000	psi
Crew and Pax O2 Not Approved Above	40000	ft. Cabin
Without Emerg Press Valves Wear Masks Abv	41000	MSL
Max Operating Altitude	45,000	ft