

## Cessna 414A Limitations RAM VII

Continental TSIO 550-NB 335 HP	Va 146 KTS
Oil Capacity 12 Qts.	Vno 203 KTS
Fuel 1236 # (206 Gal Useable) 100LL	Vne 237 KTS
Min	
Add Below 9Qts.	Vle Vlo 178 KTS
	Vfe 15 Degrees 171 KTS
Turbo Limitations - See Placard	45 Degrees 140 KTS
Nominal 5.0 Max Diff 5.3 psi	Vmca 74 KIAS
Tire Pressure Mains 70 psi Nose 35 psi	Vyse 110 KIAS
	Vx 88
Max Slip Duration 30 Seconds >1/2 Ball	Best Glide 120 KTS =2 Miles/1000'
Max Imbalance 120 Lbs (20Gal) per side	Vxse 100 KIAS
Minimum Fuel for Takeoff 20 GAL /Side	Vsse 92 KIAS
Suction 4.75 to 5.25	Autopilot POH must be accessible during flight
	KFC 200 Autoflight
KFC 200 Autoflight	Max Speed 220 Kts
500' Cruise, Climb, Descent	Autopilot Disengage during:
Maneuvering 100'	S.E. Approach, Flaps > 15 Degrees
Approach = 100'	TO, LDG, Go-Around & Missed
	Approach, Severe Icing, Severe
	Turbulence
	Avionics Bay 250 (Minus Equip)
	Nose Bags 325 (Minus Equip)
	Wing Lockers 400
	Rear Bags A 400
	Rear Bags B 100
Loss of RAIM=Fly 15 Minutes to verify Position	
RAIM Alarm=Loss of signal for short period	
	MAX Ramp WT 7140
	MAX TAKEOFF WT 7105
	MAX ZERO FUEL WT 6515
	MAX LANDING WT 6750
Starter Motor >30 Sec.... 5 Min. OFF	
	+3.6 Gear Flaps up -1.44
	+2 Gear Flaps Down -0
	Low Volt = Lower than 25V
	Battery Relay Closes at 17V
	Battery 24V 25 Ah
	100 Amp Alternators (Anti-ice Package)