

Engine Pre-flight		Min/Max/Speed:			
Master/Mags: Off! Fuel Value: Main Intake Drain: Open - in Pull Prop Thru 9 Blades Prime: 5 Seconds Pull Prop Thru 9 Blades Air Bottle: Open Intake Drain: Closed – out		Oil Pressure: 55/85 Oil Temp: 120/176 CHT: 248/464 Fuel Pressure: 3/7 Vs: 65 MPH Va: 165 MPH Vne: 240 MPH Max Snap: 140 MPH Fuel: 54 Gal 36/18 (53 Usable) Oil: 17 Quarts (8.5 Min) Gross: 2250 LBS Acro Gross: 2150 LBS Empty: 1540 LBS Baggage: 40 LBS Max			
Engine Start:		Landing:			
Master: On Boost Pump: On Prime: 10 Seconds Boost Pump: Off Oil Shut-off: Open (forward) Throttle: Forward 1 inch Canopy: Closed! Start Switch: Engage Mags: On		Prop: 2400 Engine Instruments: Green Downwind: 1000ft AGL / ~110 MPH Final: 100 MPH			
Run Up:		Engine Shutdown:			
Throttle: 1200 – 1900 for warm up DO NOT EXCEED 2000 RPM Mag Check: Complete (100/50) Prop Check: Complete Air compressor: Unload (750 PSI) Engine Instruments: In the Green Flight Controls: Free/Correct Iris: As Needed		Mags: Off Oil Shut-off: Closed (aft) Scavenge Pump: On (till skip) Fuel Value: Off All switches: Off Air Bottle: Close Intake Drain: Open			
Take-off:					
Trim: Neutral Temps: Oil 100 / CHT 248 Flight Controls: Free/Correct Take-off: 3 Point Attitude Climb out: 90 MPH					
Cruise Power/Fuel:					
	HP	RMP	MP	GPH	
TO	360	2900	34	39	
Nom1	290	2400	33	32	
Nom2	240	2050	32	25	
Crz1	180	1860	29	15	
Crz2	144	1730	26	12	