

P2010 Checklist

V-Speeds	Pre Taxi	Climb
Best Glide..... 85 knots	Radios.....Set	Flaps Up.....500 AGL
Va/Vo..... 120 knots	Weather.....Obtain	Climb.....82 KIAS
Vso..... 59 knots	Altimeters.....Main/Standby Set	Electric Fuel Pump.....Off
Vs1..... 50 knot	Airspeed/VSI.....Zero	Fuel Pressure.....Green
Vr..... 60 knots	GPS Flight Plan.....Set	Landing Light.....Off
Vx..... 65 knots	Clearance.....Obtained	Cruise
Vy..... 82 knot	Taxi Light.....On	Power.....23-2400 RPM
Vfe..... 91 knots	Pitot Heat.....On Check Ammeter	Fuel Selector.....Switch Every 30
Enroute Climb.....85 knots	Mixture.....Lean	Mixture.....Lean
Approach.....75 knots	While Taxiing	Descent
Before Start	Brakes.....Check	Mixture.....Gradually Rich
Preflight.....Complete	Turn Coordinator.....Check	Throttle.....Reduce as Required
Tiedowns/ChocksOut	RunUp	Weather.....Obtain
Safety Covers.....Removed	Brakes.....Hold	Landing Light.....On
Seat/Belts.....Secure	Rudder/Pitch Trim.....Neutral	Before Landing
Circuit Breakers.....In	Controls.....Free/Correct	App Brief.....Complete
Engine Start	ALT OUT.....Extinguished	Fuel Selector.....Fullest
Mixture.....Lean	Fuel Selector.....Fullest Tank	Flaps.....T/O
Throttle.....1/2in	Mixture.....Full	Final App Speed.....70 KIAS
Battery.....Cautions ON	Throttle.....1500RPM	After Landing
Standby Instruments.....No Red X's	Alternate Air.....Max Drop 100	Flaps.....Up
STBY Control Knob.....Charge >80%	Mixture.....EGT increase/FF decrease	Strobes (Night).....Off
Avionics Master.....On	Mixture.....Full	Landing Light.....Off
MFD..... Voltages, Fuel Check	Throttle.....1800RPM	Taxi Light.....On
Fuel Selector.....Lowest Tank	Engine Instruments.....In Green	Electric Fuel Pump.....Off
Nav/Strobe Lights (Day Only).....On	Mag Check.....Max Drop 175 / Dif 50	Pitot Heat.....Off
Fuel Pump.....On, No Warning	Throttle.....Idle	Trim.....Neutral
Mixture.....Rich til fuel flow then Lean	Before Takeoff	Mixture.....Lean
Fuel Pump.....Off	Radios.....Set	Shutdown
Prop.....CLEAR	Heading Indicator.....Check	Mags.....Off then On
Brakes.....Hold	Mixture.....Best Power	Mixture.....Lean
Starter.....Engage	Seat Belts.....Fastened	Mags.....Off
Mixture.....Quickly Advance to Rich	Annunciators.....Clear	All Elect.....Off
Throttle.....Set 1000-1200 RPM	Dep/Emergency Brief.....Complete	Cooling Fan.....Off
Oil Pressure.....Rises within 10 sec	Doors.....Locked	Avionics Master.....Off
Generator.....On	Flaps.....T/O	Batt Master.....Off
Voltmeter.....Green	Transponder.....Alt Squak	Flight Controls.....Lock via Seatbelt
ALT FAIL.....extinguished	Lights.....Landing and Strobe	Chocks/Safety Plugs.....Place
Engine Instruments.....in limits	Takeoff	KVPZ Frequencies
Flaps.....up	Throttle.....Full Open	AWOS.....125.875
AP Master.....as needed	Engine Instruments.....In Green	CTAF.....122.725
Pitch Trim Master.....On if AP On	Rotate.....60 KIAS	FSS.....123.65 / 122.20
	Vx..... 65 knots	South Bend Clearance.....120.525
	Vy..... 82 knot	South Bend Approach.....132.050

P2010 Emergency Checklist

Engine Failure in Flight	Smoke in Cabin - Flight
Best Glide.....85 kts	Cabin heat and defrost.....Off
Landing Spot.....Select	Cabin Ventilation.....Open
Master Switch.....Check On	Fire Extinguisher.....Use if needed
Fuel Pump.....On	If Smoke Persists.....Generator Off
Fuel Quantity.....Check	If Smoke Persists.....Generator On
Fuel Selector.....Switch Tank	RPM.....Keep Over 1000
Throttle.....1cm above Idle	Master.....Off
Mixture.....Full Rich	If Smoke Persists.....Generator Off
Throttle Lever.....As Req.	Smoke in Cabin - Ground
If Engine Does Not Restart:	
Squawk.....7700	Master Swtich.....Off
Communicate.....121.5	Generator Swtich.....Off
Throttle Lever.....Idle	Cabin heat and defrost.....Off
Mixture.....Cut-off	Throttle.....Idle
Ignition Key.....Off	Ignition Key.....Off
Fuel Selector.....Off	Fuel Selector.....Off
Electrical Fuel Pump.....Off	Fire Extinguisher.....Obtain
Generator.....Off	
Seat/Belts.....Secure	Evacuate
Doors.....Prop Open	AutoPilot Errors
Engine Fire In Flight	Hardover or Heading Failure
Cabin Heat and Defrost.....Off	Simultaneously: Overpower Control and disconnect autopilot
Mixture.....Idle	AP Master.....Off
Fuel Selector.....Off	Ap Circuit Breaker.....Pull
Throttle Lever.....Full Forward	DO NOT REENGAGE AUTOPILOT
Ignition Key.....Off	
Electrical Fuel Pump.....Off	Electric Trim Malfunction
Master Switches.....All Off	Yoke AP Button.....Press and Hold
Cabin Ventilation.....Open	Trim Master.....Off
	Trim Circuit Breaker.....Pull
	Yoke AP Button.....Release
Rudder Trim Runaway or Jam	
Execute Engine Not Restarting Procedure	Trim Circuit Breaker.....Check
Engine Fire On Ground	Speed.....Adjust to Control Aircraft
Mixture.....Idle	Rudder.....As Required
Caabin Heat.....Off	
Fuel Selector.....Off	Land as soon as practical
Ignition Key.....Off	
Fuel Pump.....Off	Alternator Failure
Master Swtich.....Off	Circuit Breakers.....Check
Parking Brake.....Engaged	Generator Switch.....Off then On
Fire Extinguisher.....Obtained	If Alt Fail Remains.....Generator Off
	Electrical Load.....Reduce
	Aircraft Evacuation.