

Before Start

Hobbs Time..... RECORDED
Circuit Breakers, Alt Static, Alt Induction..... CHECKED
CAPS Pin..... REMOVED
Emergency Equipment..... ON BOARD
Passengers..... BRIEFED
Seats, Seat Belts, and Harnesses..... ADJUST & SECURE
Air Conditioning..... OFF

Starting Engine

Brakes..... HOLD
Battery 1 & 2..... ON, 23-25 VOLTS
Strobe Lights..... ON
Fuel..... QUANTITY CONFIRM/ FULLEST TANK
Mixture..... FULL RICH
Power Lever..... FULL FORWARD

If starting warm engine omit priming

Fuel Pump..... PRIME, then LOW BOOST
Power Lever..... OPEN ¼ INCH
Propeller Area..... CLEAR
Ignition Switch..... START
Power Lever..... RETARD (to maintain 1000 RPM)
Oil Pressure..... CHECK
Alternator 1 & 2..... ON, 28 VOLTS
Avionics Power Switch..... ON
Fuel Pump..... OFF
Mixture..... LEAN for TAXI
Flaps..... UP (0%)
Flight Controls..... FREE & CORRECT
Annunciators/ EIS..... CHECK

Taxiing

Brakes & Flight Instruments..... CHECK

Before Takeoff

Brakes..... HOLD
Power Lever..... 1700 RPM
Engine Gauges..... CHECK
Pitot Heat/ Nav Lights/ Landing Light..... ON

Verify both ALT caution lights out and positive amps indication for each alternator.

Voltage..... ALL BUSSES CHECK
Magnetos..... CHECK

Max Drop 150 RPM/ Max Differential 75 RPM/ All EGTs Rise

Power Lever..... IDLE, THEN 1000 RPM
Autopilot..... TESTED/ DISCONNECTED

Trims.....	TEST all axis and SET
PFD/ Radios/ GPS/ Transponder.....	SET for Takeoff
Flaps.....	SET 50% & CHECK
Fuel Pump.....	LOW BOOST
Doors.....	CLOSED
Mixture.....	FULL RICH
Pitot Heat.....	ON

Climb

Flaps..... Confirm UP
Engine Instruments & CHT..... CHECK

Cruise

Power..... SET after 2-3 MINUTES
Mixture..... SET
Engine Instruments..... MONITOR
Fuel Balance..... MONITOR
Fuel Pump..... LOW BOOST for 30 MINUTES

Before Landing

Fuel Pump and Selector..... ON/ FULLEST TANK
Mixture..... FULL RICH
Brake Pressure..... CHECK
Landing Light & PCL..... AS REQUIRED

After Landing

Mixture..... LEAN for TAXI
Flaps..... UP
Pitot Heat..... OFF
Lights..... AS REQUIRED
Flight Plan..... CLOSED

Shutdown

Boost Pump..... OFF
Air Conditioning..... OFF
Avionics Switch..... OFF
Mixture..... CUTOFF
Magnetos..... OFF, KEY OUT
Bat-Alt Master Switches..... OFF
ELT..... TRANSMIT LIGHT OUT
Chocks/ Parking Brake..... AS REQUIRED