

Before Takeoff

Doors and Windows	CLOSED & LATCHED
Flight Controls	FREE & CORRECT
Fuel Selector	BOTH
Trims	TAKEOFF
Mixture	RICH
Throttle	1700 RPM
Carb Heat	CHECK
Mags	CHECK
Primer	IN & LOCKED
Vacuum	CHECK
Fuel Quantity	CHECK
Oil Temp	CHECK
Oil Pressure	CHECK
Ammeter	CHECK
Low Vac Light	OUT
Low Volt Light	OUT
EGT	CHECK
Throttle	IDLE THEN 1000 RPM
Flight Instruments	CHECKED & SET
Radios	SET
Transponder	SET
Autopilot	OFF
Flaps	SET
Strobe Lights	ON
Landing Lights	ON

Note: Use bold items during full-stop taxi back.

Takeoff & Climb

Throttle	FULL
Flaps	RETRACT
Engine Instruments	MONITOR

Cruise

Throttle	SET
Mixture	LEAN
Trim	ADJUST
Engine instruments	MONITOR

Before Landing

Fuel Selector	BOTH
Mixture	RICH
Carb Heat	AS REQUIRED
Altimeter	SET
Landing Lights	ON
Seat Belts	ADJUST & LOCK

After Landing

Flaps	RETRACT
Mixture	LEAN
Carb Heat	COLD
Strobe light	OFF
Nav Lights	AS REQUIRED
Landing Light	AS REQUIRED
Radios	SET

Shutdown

Avionics Master Switch	OFF
Electrical Switches (except Beacon)	OFF
Throttle	1000 RPM
Mixture	IDLE CUT-OFF
Mags	OFF
All Interior Lights	OFF
Master Switch	OFF
Fuel Selector	LEFT OR RIGHT
Control Lock	INSTALL
Post Flight	INSPECTION COMPLETE

CLOSE FLIGHT PLAN

ARB ATIS:	134.55	YIP ATIS:	127.42
ARB Ground:	121.60	YIP Tower:	125.27
ARB Tower:	120.30	YIP Ground:	121.75

Before Start

Preflight Inspection	COMPLETE
Passenger Briefing	COMPLETE
Seats and Belts	ADJUST & LATCH
Fuel Selector	BOTH
Mixture	RICH
Throttle	OPEN 1/4 -- 1/2"
Carb Heat	COLD
Electrical Switches	OFF
Circuit Breakers	CHECK IN
Rotating Beacon	ON
Avionics Master Switch	OFF

Engine Start

Master Switch	ON
Prime	AS REQUIRED
Prop	CLEAR
Starter	ENGAGE
Throttle	1000 RPM
Oil Pressure	CHECK
Nav Lights	AS REQUIRED
Avionics Master Switch	ON

Taxi Away From Hazards

After Start

Flaps	RETRACT
Mixture	LEAN FOR TAXI
Transponder	ALT
Directional Gyro	SET