Before Takeoff

Doors and Windows	***CLOSED & LATCHED***
Flight Controls	FREE & CORRECT
Fuel Selector	***BOTH***
Cowl Flaps	***OPEN***
Trims (Elec/Man)	TEST & ***TAKEOFF***
Mixture	***RICH***
Throttle	1800 RPM
Prop	CYCLE
Mags	CHECK
Voltmeter	CHECK
Fuel Quantity	***CHECK***
EGT	CHECK
Oil Temp	***CHECK***
Oil Pressure	***CHECK***
Vacuum Gauge	CHECK
Ammeter	CHECK
Fuel Flow	CHECK
Throttle	IDLE THEN 1000 RPM
Flight Instruments	CHECKED & SET
Annunciator	TEST
Radios	***SET***
NAV/GPS Switch	AS REQUIRED
Transponder	SET
Autopilot	***OFF***
Flaps	***SET***
Strobe Lights	***ON***
Landing Lights	***ON***

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

Takeoff & Climb

Throttle/Prop	23" / 2400 RPM
Flaps	RETRACT
Cowl Flaps	AS REQUIRED
Engine Instruments	MONITOR

Cruise

Cowl Flaps	AS REQUIRED
Throttle/Prop	SET
Mixture	LEAN
Trims	ADJUST
Landing Light	AS REQUIRED
Engine Instruments	MONITOR

Before Landing

Fuel Selector	BOTH
Cowl Flaps	AS REQUIRED
Mixture	RICH
Altimeters	SET
Landing Lights	ON
Seat Belts	ADJUST & LOCK

After Landing

Flaps	***RETRACT***
Mixture	***LEAN***
Strobe Light	***OFF***
Nav Lights	AS REQUIRED
Landing Light	***AS REQUIRED***
Radios	***SET***
Cowl Flaps	***OPEN***

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		COMPLETE INSPECTION

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
Cowl Flaps	OPEN
Mixture	IDLE CUTOFF
Prop	FORWARD
Throttle	OPEN 1/4"
Avionics Bus Circuit Breakers	CHECK IN
Primary Bus Circuit Breakers	CHECK IN
Electrical Switches	OFF
Rotating Beacon	ON
Avionics Master Switch	OFF

Engine Start

Master Switch		ON
Prime		AS REQUIRED
	Fuel Pump	ON
	Mixture	RICH (3-5 SEC), THEN LEAN
	Fuel Pump	OFF
Prop		CLEAR
Starter (mixture full rich when engine starts)		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