

**BEFORE FLIGHT (ON THE GROUND)****PREFLIGHT OPERATIONS****COCKPIT (READ & DO)**

COWL PLUGS	.....	REMOVED
AFM/POH	.....	CHECKED
DISCREPANCY RECORD	.....	CHECKED
CERTIFICATES	.....	CHECKED
FUEL QUANTITY	.....	CHECKED
HOBBS/TACH	.....	CHECKED
CONTROL LOCK (SEAT BELT)	.....	REMOVED
WING FLAPS	.....	FULL
FUEL SELECTOR VALVE	.....	BOTH
CIRCUIT BREAKERS	.....	IN
THROTTLE/MIXTURE	.....	IDLE / ICO
CARBURETOR HEAT	.....	OFF
IGNITION SWITCH	.....	OFF
AVIONICS	.....	OFF
POSITION LIGHTS	.....	ON
PROPELLER AREA	.....	CLEAR
MASTER SWITCH	.....	ON
EXTERIOR LIGHTS	.....	CHECKED
MASTER SWITCH	.....	OFF
FUEL SUMP VALVES (3)	.....	SAMPLE

**NOSE (READ & DO)**

FRESH AIR INLET	.....	CHECKED
ENGINE COMPARTMENT	.....	CHECKED
ENGINE OIL	.....	5-6 QTS
PROPELLER & SPINNER	.....	CHECKED
ALTERNATOR BELT	.....	CHECKED
INTAKE AIR FILTER	.....	CHECKED
TRANSPONDER ANTENNA	.....	CHECKED
VHF COM ANT	.....	CHECKED
LANDING GEAR STRUTS	.....	CHECKED

**LEFT WING (READ & DO)**

LEFT WHEEL TIRE	.....	CHECKED
LEFT DISC BRAKE	.....	CHECKED
FUEL QUANTITY & CAP	.....	CHECKED
FUEL TANK VENT TUBE	.....	FWD /
		CHECKED
PITOT/STATIC TUBE	.....	CHECKED
WING TIE-DOWN ROPE	.....	CHECKED
AILERON PULLEY	.....	CHECKED
WING LEADING EDGE	.....	CHECKED
WING TIP	.....	CHECKED
AILERON	.....	CHECKED
WING FLAP	.....	CHECKED
INSPECTION PLATES	.....	CHECKED

**TAIL (READ & DO)**

LEFT SIDE FABRIC & EXTERIOR	.....	CHECKED
VERTICAL STABILIZER	.....	CHECKED
VHF NAVIGATION ANTENNAS	.....	CHECKED
HORIZONTAL STABILIZER/BRACE	.....	CHECKED
WIRES		
ELEVATOR TRIM JACK SCREW	.....	CHECKED
TAIL WHEEL CONDITION	.....	CHECKED
TAIL WHEEL STEERING CHAINS	.....	CHECKED
TAIL WHEEL POSITION	.....	FORWARD
RUDDER CABLE ATTACH POINTS	.....	CHECKED
RUDDER	.....	CHECKED
RIGHT SIDE FABRIC & EXTERIOR	.....	CHECKED
INSPECTION PLATES	.....	CHECKED

**RIGHT WING (READ & DO)**

RIGHT WHEEL TIRE	.....	CHECKED
LEFT DISC BRAKE	.....	CHECKED
WING FLAP	.....	CHECKED
AILERON	.....	CHECKED
WING TIP	.....	CHECKED
WING LEADING EDGE	.....	CHECKED
WING TIE-DOWN ROPE	.....	REMOVED
AILERON PULLEY	.....	CHECKED
FUEL QUANTITY & CAP	.....	CHECKED
FUEL TANK VENT TUBE	.....	FWD /
		CHECKED
WHEEL CHOCKS	.....	REMOVED
INSPECTION PLATES	.....	CHECKED

**BEFORE TAKEOFF (AT THE RUNWAY)****FINAL CHECKS****BEFORE TAKEOFF (READ & DO)**

BRAKES	.....	HOLD
FLIGHT CONTROLS/TRIM	.....	CHECKED
MIXTURE	.....	RICH
THROTTLE	.....	1800 RPM
ENGINE INSTRUMENTS	.....	NORMAL
CARBURETOR HEAT	.....	CHECKED
MAGNETOS (150/50)	.....	CHECKED
ALTERNATOR	.....	CHECKED
VACUUM	.....	CHECKED
ENGINE IDLE	.....	CHECKED
FUEL QUANTITY	.....	CHECKED
TAKEOFF BRIEF	.....	COMPLETE
DOORS/WINDOWS	.....	SECURED
WING FLAPS	.....	HALF
RADIO VOLUME	.....	MAX
WIND INDICATOR	.....	CHECKED
COMPASS/DG	.....	CHECKED
TRANSPONDER	.....	ALT
WHITE ANTI-COLLISION LIGHTS	.....	ON
LANDING LIGHT	.....	ON
RUNWAY MARKINGS	.....	CONFIRMED