

Piper PA-18 180HP
LV – FSU

BEFORE FLIGHT (ON THE GROUND)

PREFLIGHT OPERATIONS

COCKPIT (READ & DO)

MASTER SWITCH	ON
FUEL QUANTITY	CHECKED
HOBBS/TACH	CHECKED
WING FLAPS	FULL
FUEL SELECTOR VALVE	AS REQUIRED
CIRCUIT BREAKERS	IN
THROTTLE/MIXTURE	IDLE / ICO
CARBURETOR HEAT	OFF
IGNITION SWITCH	OFF
AVIONICS	OFF
POSITION LIGHTS	ON
PROPELLER AREA	CLEAR
EXTERIOR LIGHTS	CHECKED
MASTER SWITCH	OFF

NOSE (READ & DO)

FUEL SUMP VALVES (3)	SAMPLE
FRESH AIR INLET	CHECKED
ENGINE COMPARTMENT	CHECKED
ENGINE OIL	5–6 QTS
PROPELLER & SPINNER	CHECKED
ALTERNATOR BELT	CHECKED
INTAKE AIR FILTER	CHECKED
LANDING GEAR	CHECKED

LEFT WING (READ & DO)

LEFT WHEEL TIRE	CHECKED
LEFT DISC BRAKE	CHECKED
AILERON PULLEY	CHECKED
WING LEADING EDGE	CHECKED
WING TIP	CHECKED
AILERON	CHECKED
WING FLAP	CHECKED
FUEL TANK CUPS	CHECKED
INSPECTION PLATES	CHECKED
SLATS ATTACHMENT AND FREE	CHECKED
MOVEMENT	

TAIL (READ & DO)

LEFT SIDE FABRIC & EXTERIOR	CHECKED
VERTICAL STABILIZER	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
PITOT/STATIC TUBE	CHECKED
FUEL TANK CUPS	CHECKED
WHEEL CHOCKS	REMOVED
INSPECTION PLATES	CHECKED
SLATS ATTACHMENT AND FREE	CHECKED
MOVEMENT	

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BEFORE TAKEOFF (AT THE RUNWAY)

FINAL CHECKS

BEFORE STARTING ENGINE

BRAKES	HOLD
MASTER SWITCH	ON
AVIONICS SWITCH	OFF
MIXTURE	FULL RICH
THROTTLE	PRIME 3 TIMES, THEN 1/4 (WHEN COLD)
PROPELLER	CLEAR
START ENGINE	ON
CHECK ALL PRESSURES	20S AFTER START

BEFORE TAKEOFF (READ & DO)

BRAKES	HOLD
FLIGHT CONTROLS	FREE
TRIM	TAKEOFF POSITION
MIXTURE	RICH
THROTTLE	1800 RPM
OIL PRESSURE	NORMAL
OIL TEMPERATURE	NORMAL
CHT TEMPERATURE	NORMAL
EGT TEMPERATURE	NORMAL
AMPERAGE	CHARGING
VOLTAGE	13.8
CARBURETOR HEAT	CHECKED
MAGNETOS (150/50)	CHECKED
ENGINE IDLE	CHECKED
FUEL QUANTITY	CHECKED
TAKEOFF BRIEF	COMPLETE
DOORS/WINDOWS	SECURED
WING FLAPS	AS REQUIRED
RADIO VOLUME	MAX
WIND INDICATOR	CHECKED