

# 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
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
VHF COM ANT	.....	CHECKED
LANDING GEAR STRUTS	.....	CHECKED

#### LEFT WING (READ & DO)

LEFT WHEEL TIRE	.....	CHECKED
LEFT DISC BRAKE	.....	CHECKED
FUEL QUANTITY & CAP	.....	CHECKED
PITOT/STATIC TUBE	.....	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 MOVEMENT	.....	CHECKED

#### 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
VHF NAVIGATION ANTENNAS	.....	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 CUPS	.....	CHECKED
WHEEL CHOCKS	.....	REMOVED
INSPECTION PLATES	.....	CHECKED
SLATS ATTACHMENT AND FREE MOVEMENT	.....	CHECKED

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

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