

PIPERSPORT PREFLIGHT CHECKLIST

CABIN CHECK

Parking Brake –SET
Electrical Equipment –OFF
Control Stick–VERIFY FULL TRAVEL & CORRECT DEFLECTIONS
Rudder –VERIFY FULL TRAVEL & CORRECT DEFLECTIONS
Fuel Selector –ON LEFT TANK

ELECTRICAL SYSTEMS

Ignition –OFF
Master Switch –ON
Instrument Switch –ON
Fuel Gauges –CHECK QUANTITY
Instrument Switch –OFF
Flaps –EXTENDED to 30° in increments and verify travel, then 0°
Elevator and Aileron Trims –VERIFY OPERATION
Lights –ON AND VERIFY FUNCTIONING
Lights –OFF
Master Switch –OFF

FUEL (sample two main tanks first; fuel strainer LAST)

Quantity –VISUALLY CHECK TANK
Grade –SAMPLE & VERIFY (Sample fuel strainer TWICE: once with fuel selector on Left Tank, once on Right Tank)
Quality –CHECK FOR CONTAMINANTS

RIGHT WING

Flaps –CHECK
Ailerons / Aileron Trim –CHECK
Wingtip –CHECK
Wing Stiffness Check –CHECK
Fuel Vent –NO BLOCKAGE
Leading Edge –CHECK
Upper Surface –CHECK
Fuel Cap –SECURE
Wing Locker –CLOSED AND LATCHED
Lower Surface –CHECK
Fuel Drain –CLOSED
Landing Gear –CHECK

NOSE

Cabin Air Intake –NO BLOCKAGE
Engine Cowling Screws (right side) –SECURE
Overflow Tubes –CHECK
Fuel Drain –CLOSED
Engine Air Intakes –NO BLOCKAGE
Propeller –CHECK CONDITION
Spinner –CHEC
Landing Gear –CHECK

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Overflow Tubes –CHECK
Oil Quantity Check (**Verify Ignition is OFF**)
Remove oil cap. Turn propeller by hand *in the direction of rotation* several times to pump oil from the engine to the oil tank. Wait to hear the “gurgle”, then stop.
Verify the oil quantity is within limits. Replace oil cap.
Coolant Level –VERIFY
Oil Cap Access Door –SECURE
Engine Cowling Screws (left side) –SECURE
Cabin Air Intake –NO BLOCKAGE

LEFT WING

(same as right wing)
Pitot-Static Probe –NO BLOCKAGE

LEFT FUSELAGE

Windows –CHECK
Side –CHECK
Antennas –CHECK
Bottom –CHECK

EMPENNAGE

Horizontal Stabilizer –CHECK
Elevator / Elevator Trim –CHECK
Vertical Stabilizer –CHECK
Rudder –CHECK
Antennas –CHECK

RIGHT FUSELAGE

Bottom –CHECK
Side –CHECK
Window –CHECK

CARGO COMPARTMENT: All items tied down

CANOPY

Surface –CLEAN

DOCUMENTS

Airworthiness Certificate
Registration Certificate
Operator's Manual (FAA Approved)
Weight and Balance Data
LSA Waiver

MAINTENANCE INSPECTIONS: Complied With

