Preflight Checklist (Rev. 1.0 05JUL16)

PIPER ARCHER III

COCKPIT

Control Wheel ........................................... RELEASE RESTRAINTS
Parking Brake ........................................... SET
All Instrument Panel and Overhead Switches .......... OFF
MIXTURE .................................................... IDLE CUT-OFF
LEFT/RIGHT MAG Switches ........................ OFF
BATT MASTR Switch .................................... ON
Interior Lighting (Night Flight) ..................... VERIFY OPERATION
PITOT HEAT Switch ...................................... ON
PITOTHEAT OFF CAS Message ............... EXTINGUISHED
NOTE!! Before turning on the exterior lights, ensure the PFD has initialized. This will allow for minimal battery drain due to the landing light being on for an extended period of time while waiting to be able to check the stall warning horn.

Exterior Lighting Switches ............................ ON
Exterior Lighting ......................................... VERIFY OPERATION

CAUTION
Care should be taken when an operational check of the heated pilot head is being performed. The unit becomes very hot. Ground operation should be limited to three minutes to avoid damaging the heater elements.

Pitot/Static Head ........................................... CHECK - WARM
Stall Warning Horn .................................... CHECK
All Lighting Switches ................................... OFF
PITOT HEAT Switch ...................................... OFF
PITOTHEAT OFF CAS Message .................... ILLUMINATED

Cockpit

BATT MASTR Switch .................................... OFF
Flaps ...................................................... EXTEND
Primary Flight Controls .......................... PROPER OPERATION
Stabilator and Rudder Trim .......................... NEUTRAL
Pitot and Static Systems ............................... DRAIN
Windows .................................................... CHECK CLEAN
Required Papers and POH .......................... VERIFY ON BOARD

NOTE
Secure and adjust all unused seat belts and shoulder harness to prevent control interference or passenger injury during flight in turbulent air.

Tow Bar and Baggage ............................... STOW PROPERLY & SECURE
Baggage Door ........................................... CLOSE & SECURE

RIGHT WING

Surface Condition ....................................... CLEAR OF ICE, FROST, SNOW
Flap and Hinge ......................................... NO DAMAGE or INTERFERENCE
Aileron and Hinges ...................................... NO DAMAGE or INTERFERENCE
Static Wicks ............................................. CHECK and SECURE
Wing Tip and Lights .................................... CHECK Fuel Tank ...................................... CHECK SUPPLY VISUALLY and SECURE CAP
Fuel Tank Vent .......................................... CLEAR

CAUTION
When draining any amount of fuel, care should be taken to ensure that no fire hazard exists before starting engine.

Fuel Tank Sumps ....................................... DRAIN and CHECK for WATER, SEDIMENT and PROPER FUEL
Tie Down and Chock .................................... REMOVE
Main Gear Strut ......................................... REMOVE
Tire .......................................................... CHECK
Brake block and disc ................................... CHECK
Fresh Air Inlet ........................................... CLEAR

LEFT WING

Surface Condition ....................................... CLEAR OF ICE, FROST, SNOW
Fresh Air Inlet .......................................... CLEAR
Main Gear Strut ......................................... CLEAR
Tire .......................................................... CHECK
Brake Block and Disc .................................. CHECK

CAUTION
When draining any amount of fuel, care should be taken to ensure that no fire hazard exists before starting engine.

Fuel Tank Sump ........................................... DRAIN AND CHECK FOR WATER, SEDIMENT AND PROPER FUEL
Fuel Tank Vent .......................................... CLEAR
Tie Down and Chock .................................... REMOVE
Fuel Tank .................................................. REMOVE
Pitot/Static Head ........................................... REMOVE COVER - HOLES CLEAR
OAT Probe .................................................. CHECK
Wing Tip and Lights .................................... CHECK
Aileron and Hinges ...................................... NO DAMAGE or INTERFERENCE
Flap and Hinges ...................................... NO DAMAGE or INTERFERENCE
Static Wicks ............................................. CHECK SECURE

NOSE SECTION

General Condition ....................................... CHECK
Cowlng ..................................................... SECURE
Windshield ................................................ CLEAN
Oil ........................................................... CHECK QUANTITY
Dipstick .................................................... PROPERLY SEATED and SECURE
Oil Filler Door .......................................... SECURE
Propeller and Spinner .................................... CHECK
Air Inlets .................................................. CLEAR

FUSELAGE

Antennas .................................................. CHECK
Empennage ............................................. CLEAR OF ICE, FROST, SNOW
Stabilator and Trim Tab .............................. NO DAMAGE or INTERFERENCE
Rudder .................................................. NO DAMAGE or INTERFERENCE
Static Wicks ............................................. CHECK SECURE
Tie Down .................................................. REMOVE

WATER, SEDIMENT AND PROPER FUEL
Fuel Tank .................................................. CLEAR