



Spartan Wings, Inc.
PA-28-181 Archer II Preflight
Checklist 3/03

Cabin

Control Wheel.....release belts
Master switch.....ON
Fuel quantity gauges.....check
Pitot heat.....ON
Lights.....ON
Fuel Pump.....ON..listen for pump and
observe fuel pressure gauge, then
OFF

Walk Around and check:

Landing lights.....working
Anti-collision lights.....working
Stall warning.....working
Pitot heat.....working
Pitot heat.....OFF
Lights.....OFF

WARNING – Do not leave the wingtip
landing lights on – the heat will melt
the plastic cover.

Master switch.....OFF
Ignition.....OFF
Required papers.....on board

Right Wing

Wing.....visually inspect for damage,
free of ice, snow, frost
Wing flap.....check for play,
inspect hinges, control rod should
rotate slightly and not bind
Aileron.....check for movement, inspect
hinges
Navigation lights.....check
Fuel Vent.....unobstructed
Fuel tanks.....check supply
visually - secure caps
Fuel tank sumps.....drain and check
or water, sediment and proper fuel
Main gear struts.....proper
inflation (4.50 in.)
Tires.....check
Wheel pants.....should be secure

Nose

Oil.....check level (6 qts. minimum)
Engine compartment.....check for leaks

Nose - continued

Dipstick.....properly seated
Inspection covers.....secure
Cowling.....secure
Nose wheel tire.....check
Wheel chocks.....remove
Nose gear strut.....proper
inflation (3.25")
Air inlets.....clear
Alternator belt.....check tension
Propeller and spinner.....check
Fuel strainer.....drain
and check for water, sediment and
proper fuel

Left Wing

Fuel Vent.....unobstructed
Fuel tanks.....check supply
visually - secure caps
Fuel tank sumps.....drain and check
for water, sediment and proper fuel
Main gear struts.....proper
inflation (4.50")
Tires.....check
Wheel pants.....should be secure
Wing.....visually inspect for
damage, free of ice, snow, frost
Pitot heat.....check
Stall warning.....check
Pitot head.....holes clear
Navigation lights.....check
Aileron.....check for movement,
inspect hinges
Wing flap.....check for play,
inspect hinges, control rod should
rotate slightly and not bind

Tail

Exterior.....check for damage
Stabilator.....check for freedom of
movement, inspect linkage
Stabilator trim tab.....inspect hinges
Rudder.....gently check for
motion (it is linked to the nose
wheel steering so do not push
firmly)
Baggage.....stowed properly and
secure
Tow bar and control locks.....stow
Baggage door.....close and secure