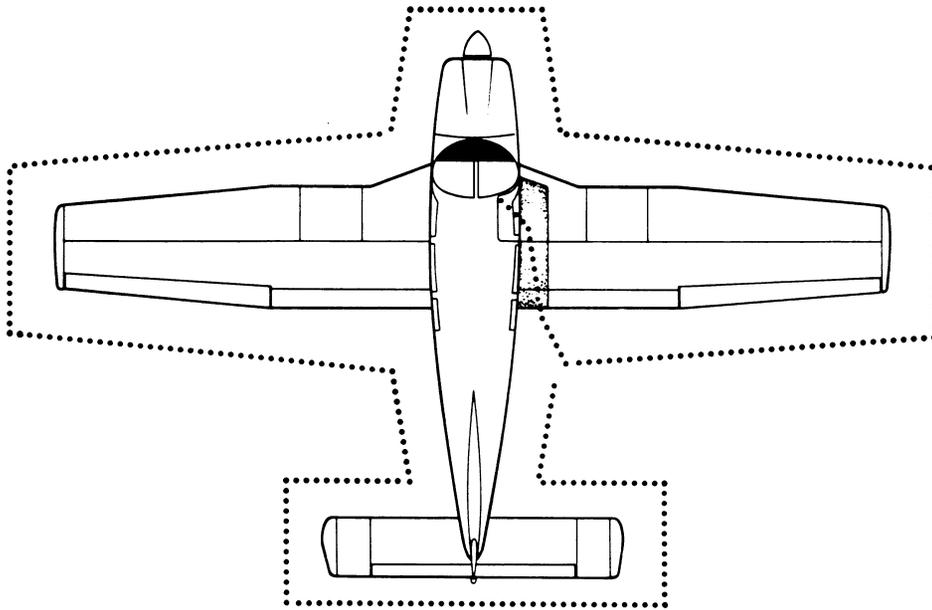


PREFLIGHT of ARCHER N2226N



Cockpit: Master Switch & Ignition, OFF
Remove seat belt from control wheel.
Apply Full flaps.
Apply parking Brake
Obtain Fuel Strainer

Passenger side wing:

Flap: Check that flap is secure
Check bolts through mounting points.
Check that actuator rod end is connected properly.
Ensure no binding occurs on flap or control rod end.

Aileron: Check the mounting points from above and below the aileron.
Check that actuator rod for binding.
Ensure that no binding occurs in aileron movement.
Check that control wheel movement is in correct direction.

Wing tip: Ensure that the tip is not cracked excessively.
Ensure that all screws are installed.
Ensure that nav light is installed properly.

Leading edge:

Check wing for damage (upper, lower and leading edge)
Visually check fuel supply and secure cap.
Remove tie down & chock.
Check fuel vent to ensure that it is not clogged.
Check landing gear strut for proper inflation.
Check tires for cuts, wear, and proper inflation.
Check brakes for wear and damage.
Take fuel sample, and check for contaminant.
Check to ensure that fuel valve is not leaking fuel.

Passenger side of Cowling:

Check to ensure cowl fasteners are installed.
Check oil level. don't over tighten dipstick.
Check tire for signs of wear.
Ensure that strut is properly inflated and not leaking.
Check windshield for damage

Front:

Remove Cowl Plugs.
Check propeller for cracks and nicks
Check spinner to ensure that it is secured properly and that mounting plate is not cracked.
Check alternator belt for proper tension
Check to ensure visible spark plug wires are attached.
Inspect torque-link for cracks or wear.

Pilot side of Cowling:

Check to ensure cowl fasteners are installed.
Inspect landing gear
Look for excessive leaks under cowling.
Remove chock.
Check windshield for damage
Check fuel sump after you check fuel in the pilot side wing.

Pilot side wing

Leading edge:

Check wing for damage (upper, lower and leading edge)
Visually check fuel supply and secure cap.
Remove tie down & chock.
Check fuel vent to ensure that it is not clogged.
Check landing gear strut for proper inflation.
Check tires for cuts, wear, and proper inflation.
Check brakes for wear and damage.
Take fuel sample, and check for contaminant.
Check to ensure that fuel valve is not leaking fuel.
Check pitot static for blockage.
Check stall switch.
NOW CHECK fuel on side of cowling.

Wing tip:

Ensure that the tip is not cracked excessively.
Ensure that all screws are installed.
Ensure that nav light is installed properly.

Aileron:

Check the mounting points from above and below the aileron.
Check that actuator rod for binding.
Ensure that no binding occurs in aileron movement.
Check that control wheel movement is in correct direction.
Check rear side of pitot static from this rearward angle

Flap:

Check that flap is secure.
Check bolts through mounting points.
Check that actuator rod end is connected properly.
Ensure no binding occurs on flap or control rod end.

Pilot side Fuselage: Check fuselage and antenna for damage.

Empennage: Check vertical fin

Check entire stabilator area for damage
Check tips for excessive cracking
Check to ensure that tip mounting screws are attached
Check to ensure pivotal mounts are not worn.
Check movement of stabilator
Check anti-servo (trim) mounting points and actuator rod
Check that rudder is firmly attached
Remove Tie down

Passenger side fuselage:

Check fuselage and antenna for damage.
Check that baggage is stowed properly
Check that baggage door is closed properly

Night

Check that all lights work (inside and outside)
Check operation of flashlight.