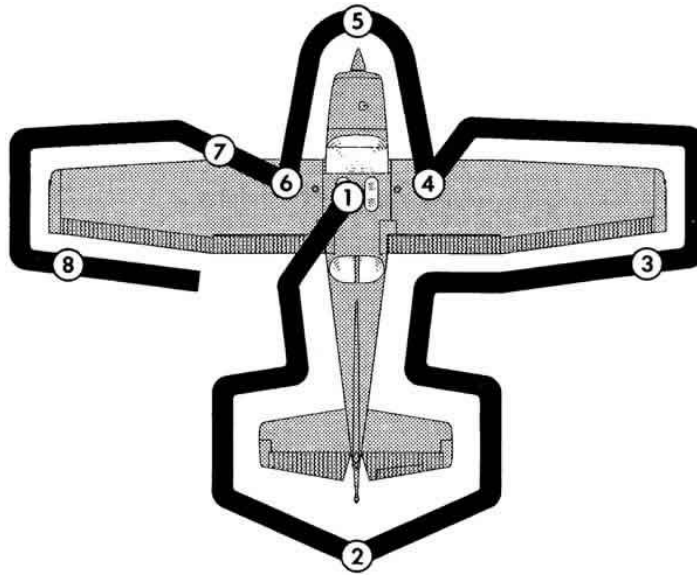




**C-172
LN-BTT
PREFLIGHT CHECKLIST**



1 CABIN

1. Pitot Tube Cover - REMOVE (Check for pitot blockage)
2. Pilot's Operating Handbook - ACCESSIBLE TO PILOT
3. Garmin G1000TM Cockpit Reference Guide - ACCESSIBLE TO PILOT
4. Airplane Weight and Balance - CHECKED
5. Parking Brake - SET
6. Control Wheel Lock - REMOVE

WARNING

WHEN THE MASTER SWITCH IS ON, USING AN EXTERNAL POWER SOURCE, OR MANUALLY ROTATING THE PROPELLER, TREAT THE PROPELLER AS IF THE MAGNETOS SWITCH WERE ON. DO NOT STAND, NOR ALLOW ANYONE ELSE TO STAND, WITHIN THE ARC OF THE PROPELLER SINCE A LOOSE OR BROKEN WIRE, OR A COMPONENT MALFUNCTION, COULD CAUSE THE ENGINE TO START.

7. MAGNETOS Switch - OFF
8. AVIONICS Switch (BUS 1 and BUS 2) - OFF
9. MASTER Switch (ALT and BAT) - ON
10. Primary Flight Display (PFD) - CHECK (Verify PFD is ON)
11. FUEL QTY (L and R) - CHECK
12. LOW FUEL L and LOW FUEL R Annunciators - CHECK (Verify annunciators are not shown on PFD)
13. OIL PRESSURE Annunciator - CHECK (Verify annunciator is shown)
14. LOW VACUUM Annunciator - CHECK (Verify annunciator is shown)
15. AVIONICS Switch (BUS 1) - ON
16. Forward Avionics Fan - CHECK (Verify fan is heard)
17. AVIONICS Switch (BUS 1) - OFF
18. AVIONICS Switch (BUS 2) - ON
19. Aft Avionics Fan - CHECK (Verify fan is heard)
20. AVIONICS Switch (BUS 2) - OFF
21. PITOT HEAT Switch - ON (Carefully check that pitot tube is warm to the touch within 30 seconds)
22. PITOT HEAT Switch - OFF
23. LOW VOLTS Annunciator - CHECK (Annunciator is not shown if voltage is above 24,5)
24. Check operation of all lights, and make sure a flashlight is available if a night flight is planned.
25. MASTER Switch (ALT and BAT) - OFF
26. Elevator Trim Control - TAKEOFF position.

27. FUEL SELECTOR Valve - BOTH
28. ALT STATIC AIR Valve - OFF (push full in)
29. Fire Extinguisher - CHECK (Verify gage pointer in green arc)

2 EMPENNAGE

1. Baggage Door - CHECK (lock with key)
2. Autopilot Static Source - CHECK (Verify opening is clear)
3. Rudder Gust Lock (if installed) - REMOVE
4. Tail Tiedown - DISCONNECT
5. Control Surfaces - CHECK freedom of movement and security.
6. Elevator Trim Tab - CHECK security.
7. Antennas - CHECK for security of attachment and general condition.

3 RIGHT WING Trailing Edge

1. Flap - CHECK for security and condition.
2. Aileron - CHECK freedom of movement and security.

4 RIGHT WING

1. Wing Tiedown - DISCONNECT
2. Main Wheel Tire - CHECK for proper inflation and general condition (weather checks, tread depth and wear, etc.)
3. Fuel Tank Sump Quick Drain Valves - DRAIN
4. Fuel Quantity - CHECK VISUALLY for desired level.
5. Fuel Filler Cap - SECURE and VENT CLEAR

5 NOSE

1. Fuel Strainer Quick Drain Valve (Located on bottom of fuselage) - DRAIN
2. Engine Oil Dipstick/Filler Cap - CHECK oil level, then check dipstick/filler cap SECURE. Do not operate with less than 5 quarts. Fill to 8 quarts for extended flight.
3. Engine Cooling Air Inlets - CLEAR of obstructions.
4. Propeller and Spinner - CHECK for nicks and security.
5. Air Filter - CHECK for restrictions by dust or other foreign matter.
6. Nosewheel Strut and Tire - CHECK for proper inflation of strut and general condition of tire. (weather checks, tread depth and wear, etc.)
7. Static Source Opening - CHECK (Verify opening is clear)

6 LEFT WING Leading Edge

1. Fuel Tank Vent Opening - CHECK for blockage.
2. Stall Warning Opening - CHECK for blockage. To check the system, place a clean handkerchief over the vent opening and apply suction; a sound from the warning horn will confirm system operation.
3. Landing/Taxi Light(s) - CHECK for condition and cleanliness of cover.

7 LEFT WING

1. Wing Tiedown - DISCONNECT
2. Fuel Quantity - CHECK VISUALLY for desired level.
3. Fuel Filler Cap - SECURE and VENT CLEAR
4. Fuel Tank Sump Quick Drain Valves - DRAIN
5. Main Wheel Tire - CHECK for proper inflation and general condition. (weather checks, tread depth and wear, etc.)

8 LEFT WING Trailing Edge

1. Aileron - CHECK freedom of movement and security.
2. Flap - CHECK for security and condition.