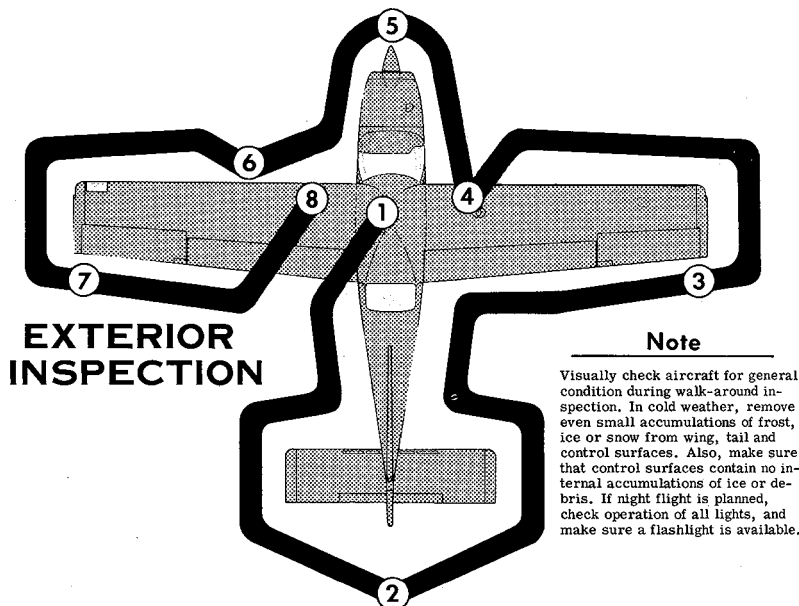




EXTERIOR INSPECTION

Note

Visually check aircraft for general condition during walk-around inspection. In cold weather, remove even small accumulations of frost, ice or snow from wing, tail and control surfaces. Also, make sure that control surfaces contain no internal accumulations of ice or debris. If night flight is planned, check operation of all lights, and make sure a flashlight is available.

- ①
 - a. Remove control wheel lock.
 - b. Check ignition switch "OFF."
 - c. Turn master switch "ON" and check fuel quantity indicators, then turn master switch "OFF."
 - d. Check fuel selector valve handle "BOTH ON."
 - e. Check fuel shutoff valve knob safety-wired to the "ON" position.
 - f. Check baggage door for security.
- ②
 - a. Remove rudder gust lock, if installed.
 - b. Disconnect tail tie-down.
 - c. Check control surfaces for freedom of movement and security.
- ③
 - a. Check aileron for freedom of movement and security.
 - b. Check fuel bay vent opening (at wing tip trailing edge) for stoppage.
- ④
 - a. Disconnect wing tie-down.
 - b. Check main wheel tire for proper inflation.
 - c. [REDACTED]
- ⑤
 - a. Check oil level. Do not operate with less than six quarts. Fill to eight quarts for extended flight.
- b. Before first flight of day and after each refueling, pull out strainer drain knob for about four seconds to clear fuel strainer of possible water and sediment. Check strainer drain closed. If water is observed, there is a possibility that the fuel bay sumps contain water. Thus, the drain plugs in the fuel bay sumps, fuel selector valve, fuel vent line, and fuel reservoir should be removed to check for presence of water.
- c. Check propeller and spinner for nicks and security, and propeller for oil leaks.
- d. Check nose wheel strut and tire for proper inflation.
- e. Disconnect tie-down rope.
- f. Inspect flight instrument static source opening on side of fuselage for stoppage. (both sides).
- ⑥
 - a. Check stall warning vent opening for stoppage.
 - b. Remove pitot tube cover, if installed, and check pitot tube opening for stoppage.
- ⑦ Same as ③
- ⑧ Same as ④

Figure 1-1.