



MEMORANDUM OF RECORD

Pilot Operating handbook

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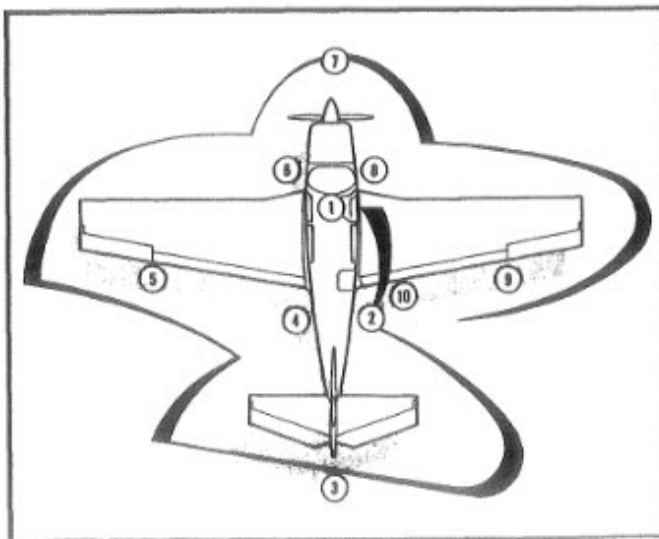


FIGURE 4-1. PREFLIGHT WALK AROUND DIAGRAM

PREFLIGHT INSPECTION

1. Magneto/Starter Switch--OFF.
Gear Switch--DOWN.
Master Switch--ON to check outside lights,
fuel gages, then OFF.
Fuel Selector Drain --Selector handle on R; pull
gascolator ring and hold for five seconds,
Repeat procedure with selector handle on L.
2. Instrument Static Port--UNOBSTRUCTED.
Tail Tiedown--REMOVE.
3. Empennage--CHECK. Elevator & rudder attach
points. Remove all ice, snow, or frost.
4. Instrument Static Port--UNOBSTRUCTED.
Tail Cone Access Door--SECURE.
Static System Drain--CHECK.

5. Wing Skins--CHECK.
 Flap and Attach Points--CHECK.
 Aileron and Attach Points--CHECK.
 Wing Tip Strobe and Navigation Light--CHECK.
 Remove all ice, snow, or frost.
6. Left Wing Leading Edge--CHECK.
 Pitot Tube and Stall Switch Vane--UNOBSTRUCTED.
 Fuel Tank--CHECK QUANTITY:

NOTE

A reduced fuel indicator is located in the filler neck. This indicator is used to indicate useable fuel capacity of 25 U. S. gallons,

Chock and Tiedown--REMOVE.
 Left Main Gear, Shock Discs and Tire--CHECK,
 Fuel Tank Sump Drain--SAMPLE.
 Pitot System Drain--CHECK.
 Tank Vent--UNOBSTRUCTED.
 Fuel Selector Brain Valve--CLOSED.
 Windshield--CLEAN.
 Left Side Engine Cowl Fasteners--SECURE.

7. Propeller--CHECK for nicks, cracks and oil leaks.
 Forward Engine Components--CHECK starter, alternator belt, etc.
 Ram Air Door--CHECK off and secure.
 Landing Light--CHECK.
 Nose Gear--CHECK tire; check for towing damage.
 Shock Discs--CHECK.
 Chocks--REMOVE.
8. Right Side Engine Cowl Fasteners--SECURE.
 Engine Oil Level--CHECK (Full for extended flight).
 Windshield--CLEAN.
 Fuel Tank Sump Drain--SAMPLE.
 Tank Vent--UNOBSTRUCTED.
 Chock and Tiedown--REMOVE.
 Right Main Gear, Shock Discs and Tire--CHECK.
 Right Wing Leading Edge--CHECK.

Fuel. Tank--CHECK QUANTITY.

NOTE

A reduced fuel indicator is located in the filler neck. This indicator is used to indicate useable fuel capacity of 25 U.S. gallons.

Wing Skins - CHECK.

Wing Tip Strobe (if installed) and Navigation Light - CHECK,

Aileron and Attach Points - CHECK.

Flap and Attach Points - CHECK.

Remove all ice, snow, or frost.

10. Baggage Door - SECURE,

BEFORE STARTING CHECK

1. Preflight Inspection - COMPLETE,
2. Emergency Locator Transmitter - ARM (if installed).
3. Seats, Seat Belts and Shoulder Harness (if installed) - ADJUST AND SECURE,
4. Fuel Selector Handle - SET for fuller tank,
5. Parking Brake Control - DEPRESS BRAKE PEDALS AND PULL ON.
6. Magneto/Starter Switch and Master Switches - OFF,
7. Radio Master Switch - OFF.
8. Cowl Flaps - OPEN (Control Full Aft),
9. Ram Air Control - CLOSED,
10. Landing Gear Switch - DOWN.
11. Mixture Control - IDLE CUTOFF,
12. Propeller - FORWARD HIGH RPM.
13. Throttle - CLOSE (Full Aft),
14. Electric Fuel Boost Pump - OFF,
15. All External Lights - OFF,
16. Cabin Heat - OFF.
17. Main Circuit Breaker Panel - CHECK.
18. Alternate Static Air Control - CHECK IN,

STARTING ENGINE

NOTE

When starting engine using an approved external power source (Aux. Power Cable Adapter is available from Mooney Aircraft Corporation) no special starting procedure is necessary, Use normal starting procedures below,