

Initial

General Condition - CHECK
Pitot Cover - REMOVE
Cowl Plugs - REMOVE
Rudder Lock - REMOVE

Internal

Ignition/Key - OFF/On Dash
Carburetor Heat - OFF (pushed in)
Radio & Transponder - OFF
BAT Master - ON
Fuel Quantity - CHECK GAUGE
Fuel Selector - ON
Flaps - DOWN
Internal Lights - CHECK
External Lights - CHECK
Pitot Heat - TEST
BAT Master - OFF
Documents
- Airworthiness
- Registration
- Radio Operator Cert.
(if required)
- Operating Handbook
(POH)
- Weight and Balance
Loose Gear - SECURE
Seatbelts - SECURE
Control Lock - REMOVE
Flight Controls - CHECK
GATS Jar - OBTAIN
Fuel Hawk - OBTAIN

External

Landing Gear Strut - INSPECT
Brake Assembly - INSPECT
Tire Tread & Pressure - CHECK
Fuel Tank Drain - SUMP
Fuel Quantity - VISUAL CHECK
Fuel Cap - SECURE
Static Port - CHECK CLEAR
Air Vents x2 - CHECK CLEAR
Windshield/Windows - CLEAR & CLEAN
Pitot Tube - CHECK CLEAR
Stall Warning Horn - CHECK CLEAR
Fuel Overflow Drain - CHECK CLEAR
Wing Strut - CHECK SECURE
Leading Edge - CHECK
Aileron - FREE/SECURE
Flap - SECURE
Vertical Stabilizer - CHECK SECURE
Horizontal Stabilizer - CHECK SECURE
Elevator - FREE/SECURE
Rudder - FREE/SECURE
Control Cables x4 - CHECK
Trim Tab - CHECK SECURE
Flap - SECURE
Aileron - FREE/SECURE
Leading Edge - CHECK
Wing Strut - CHECK SECURE
Tire Tread & Pressure - CHECK
Brake Assembly - INSPECT
Landing Gear Strut - INSPECT
Fuel Tank Drain - SUMP
Fuel Quantity - VISUAL CHECK
Fuel Cap - SECURE
Air Vents x3 - CHECK CLEAR
Windshield/Windows - CLEAR & CLEAN
Oil Quantity (min 4 qts/max 6 qts) - CHECK
Fuel Strainer - PURGE
Cowling & Cam Locks - SECURE
Propeller/Spinner - INSPECT
Alternator Belt - CHECK
Starter Gearing - CHECK
Air Filter - CLEAR & CLEAN
Nose Gear & Strut - INSPECT
Tire Tread & Pressure - CHECK
Cowling & Cam Locks - SECURE



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 accumulation of ice or debris.

If night flight is planned, check operation of all lights and make sure a flash-light is available.

Before Boarding

Pre-Heat Cable - REMOVE
Chalks/Tie-downs - REMOVE

After Boarding

Passenger Brief - COMPLETE
Hobbs/Tach Time - NOTED
Circuit Breakers - CHECK
Alternate Static - CHECK
Brakes - PEDAL TEST

Start

Seat Track/Back - LOCKED
Avionics - OFF
Carburetor Heat - OFF
Beacon - ON
Mixture - FULL RICH
Throttle - SLIGHT
Prime - COMPLETE
(1-2 pumps hot weather/3-4 cold weather)
Brakes - SET
Prop - CLEAR
Master - ON
Mags/Ignition - START
Oil Pressure - CHECK
Lights - AS REQUIRED
Mixture - AS REQUIRED

Pre-Taxi/Taxi

Seat Belts/Harnesses - SECURED
Flaps - UP
Heat/Vent/Defrost - AS REQUIRED
Avionics - ON/SET
Transponder - ALT & SQUAWK
ADS-B - ON (often with Transponder, NAV lights, or Beacon)
ATIS/AWOS - ACQUIRED
Altimeter - SET
Radio - TEST
Taxi Light - AS REQUIRED
Brakes - TEST
Attitude Indicator - TEST
Turn Coordinator - TEST
Heading Indicator/Compass - TEST