

1967 Cessna 172H

- (6) Elevator Control--Slightly Tail Low
- (7) Climb Speed—66 MPH (with obstacle ahead)

BEFORE ENTERING THE AIRPLANE.

Make an exterior inspection in accordance with 1-1.

BEFORE STARTING THE ENGINE.

- (1) Seats and Seat Belts --Adjust and lock.
- (2) Brakes -- Test and set.
- (3) Radios and Flashing Beacon -- "OFF."
- (4) Fuel Selector --"BOTH ON."

STARTING THE ENGINE

- (1) Master Switch "ON".
- (2) Carburetor Heat -- Cold.
- (3) Mixture Rich.
- (4) Primer -- 2-5 strokes (depending on temperature).
- (5) Throttle -- Open
- (6) Propeller Area -- Clear.
- (7) Ignition Switch -- "BOTH".
- (8) Starter -- Engage.

BEFORE TAKE-OFF

- (1) Flight Controls -- Check.
- (2) Trim Tab -- "TAKE-OFF"
- (3) Cabin Doors -- Latched and locked.
- (4) Throttle Setting -- 1700 RPM.
- (5) Engine Instruments -- Check.
- (6) Carburetor Heat -- Check
- (7) Magnetos -- Check (75 RPM maximum differential between magnetos).
- (8) Instruments and Radios -- Set.
- (9) Suction Gage -- Check (4. 6 to 5.4 inches of mercury).

TAKE-OFF

NORMAL TAKE-OFF.

- (1) Wing Flaps -- 0°
- (2) Carburetor Heat -- Cold.
- (3) Power -- Full throttle (applied smoothly).
- (4) Elevator Control -- Lift nosewheel at 60 MPH.
- (5) Climb -- 85 MPH.

MAXIMUM PERFORMANCE TAKE-OFF.

- (1) Wing Flaps -- 0°
- (2) Carburetor Heat -- Cold.
- (3) Brakes -- Apply.
- (4) Power-Full Throttle
- (5) Brakes--Release

CLIMB.

NORMAL CLIMB.

- (1) Airspeed -- 80 to 90 MPH.
- (2) Power -- Full throttle.
- (3) Mixture -- Full rich {unless engine is rough}

MAXIMUM PERFORMANCE CLIMB.

- (1) Airspeed -- 80 MPH at sea level to 77 MPH at 10,000 feet.
- (2) Power -- Full throttle.
- (3) Mixture -- Full rich (unless is rough).

CRUISING.

- (1) Power - 2200 to 2700 RPM.
- (2) Trim Tab -- Adjust.
- (3) Mixture -- Lean.

LET-DOWN.

- (1) Mixture -- Rich.
- (2) Power -- As desired.
- (3) Carburetor Heat -- As required to prevent carburetor icing.

BEFORE LANDING.

- (1) Mixture -- Rich.
- (2) Fuel Selector -- "BOTH ON. "
- (3) Carburetor Heat -- Apply full heat before closing throttle.
- (4) Airspeed -- 70 to 80 MPH (flaps up).
- (5) Wing Flaps -- As desired.
- (6) Airspeed - - 65 to 75 MPH (flaps down).

NORMAL LANDING.

- (1) Touchdown -- Main wheels first.
- (2) Landing Roll -- Lower nosewheel gently.
- (3) Braking -- Minimum required.

AFTER LANDING.

- (1) Wing Flaps - - Up.
- (2) Carburetor Heat -- Cold.

SECURE AIRCRAFT.

- (1) Mixture -- Full lean.
- (2) All Switches—Off
- (3) Brakes—Set
- (4) Control Lock—Installed