

## CESSNA 150 CHECKLIST

### PRE-FLIGHT INSPECTION

#### CABIN

1. Document – A.R.R.O.W.
2. Control Lock – REMOVE
3. Ignition Switch – OFF
4. Master Switch – ON
5. Flaps – DOWN
6. Fuel Quantity – CHECK
7. Master Switch – OFF
8. Fuel Valve – ON

#### EMPENNAGE

1. Empennage surface – CHK
2. Horizontal stabilizer – SECURE
3. Elevator – FREE & SECURE
4. Rudder – FREE & SECURE
5. Tail tie-down – DISCONNECT
6. Lights & Antenna – CHK
7. ELT Antenna – CHK

#### RIGHT WING

1. Flap – FREE & SECURE
2. Aileron – FREE & SECURE
3. Lights & Wingtip – CHK
4. Leading edge – CHK
5. Wing tie-down – DISCONNECT
6. Main wheel & tire – CHK
7. Fuel tank sump drain – SAMPLE
8. Fuel quantity – VISUAL CHK
9. Fuel filler cap – SECURE

#### NOSE

1. Engine oil – CHK LEVEL  
MIN 4 qts. MAX 6 qts.
2. Strainer drain – SAMPLE/CHK
3. Prop/Spinner – CHK
4. Air filter – CHK CLEAR
5. Landing light – CHK
6. Nose strut/tire – CHK
7. Static port – CHK OPEN

#### LEFT WING

1. Main wheel & tire – CHK
2. Fuel tank sump drain – SAMPLE
3. Fuel quantity – VISUALLY CHK
4. Fuel filler cap – SECURE
5. Pitot tube cover – REMOVE/CHK
6. Stall warning opening – CHK
7. Fuel tank vent – OPEN
8. Wing tie-down – DISCONNECT
9. Leading edge – CHK
10. Lights/Wingtip – CHK
11. Aileron – FREE & SECURE
12. Flaps – FREE & SECURE

[See POH for details]

### BEFORE STARTING ENGINE

1. Pre-flight – COMPLETE
2. Passengers briefed, seatbelts, harnesses – ON
3. Fuel shutoff valve – ON
4. Radios - OFF
5. Electrical Equipment – OFF
6. Circuit breakers – CHECK IN
7. Brakes – TEST / SET

### STARTING ENGINE

1. Mixture – RICH
2. Carb heat – COLD
3. Prime – AS REQUIRED
4. Master switch -- ON
5. Beacon Light – ON
6. Throttle – OPEN 1/8"
7. Prop Area – CLEAR
8. Ignition – START
9. Oil Pressure – CHK
10. Radio – ON/SET
11. Transponder – ON /ALT
12. Wing Flaps – UP
13. Mixture – LEAN 1 INCH
14. READY TO TAXI

### BEFORE TAKE OFF

1. Doors – CLOSED/LATCHED
2. Brakes – ON
3. Flight controls - FREE/CORRECT
4. Flight instruments – SET
5. Fuel valve – ON
6. Mixture – RICH
7. Trim – SET FOR TAKEOFF
8. Throttle – 1700 RPM
  - Mags – 150 DROP / 75 DIFF
  - Carb heat – CHK
  - Engine instr. – CHK
  - Ammeter – CHK
  - Suction – CHK
  - Idle – CHK WITH CARB HEAT ON
9. Throttle – BELOW 1000 RPM
10. Radios – SET
11. Transponder – ON ALT
12. Lights – ON
13. Throttle friction lock – ADJ

### NORMAL TAKEOFF

1. Mixture – RICH
2. Wing flaps - 0°
3. Carb heat – COLD
4. Throttle – FULL OPEN
5. Elevator – ROTATE 50⇒55 KIAS
6. Climb Speed – 60⇒70 KIAS

### ENROUTE CLIMB

1. Airspeed – 65⇒75 KIAS

### CRUISE

1. Power – 2000⇒2700 RPM
2. Elevator – TRIM
3. Mixture – LEAN

## CESSNA 150 CHECKLIST CONT'D

### BEFORE LANDING

1. Seats, seatbelts, harnesses - ON
2. Mixture – RICH OR DENSITY ALT
3. Radio – SET
4. Landing Light - ON
5. Carb heat – ON BEFORE CLOSING THROTTLE

### LANDING

1. Final Approach Airspeed 60 KIAS
2. Flaps – Full
3. Final approach Airspeed –60 KIAS ⇒  
W/ FLAPS DOWN 40 Degrees
4. Touchdown at stall – MAINS FIRST
5. Landing roll – GENTLY LOWER NOSE
6. Braking – MINIMUM REQ'D

### AFTER LANDING

1. Transponder – Stays on ALT
2. Wing Flaps – UP
3. Carb heat – COLD
4. Lights – STROBES/LANDING OFF
5. Trim – RESET

### SECURING AIRCRAFT

1. Brakes – **ON**
2. Transponder – **OFF**
3. Radio's - **OFF**
4. **Ignition grounding - CHK**
5. Mixture lean 1 in., 1700 rpm 15 sec.
6. 1000 rpm Mixture – **IDLE/CUTOFF**
7. Ignition – **OFF/KEYS OUT**
8. Master switch – **OFF**
9. Beacon Light – **OFF**
10. Control lock – **INSTALL**

### EMERGENCY PROCEDURES

#### ENGINE FAILURE AFTER TAKEOFF

1. Airspeed – 60 KIAS
2. Mixture – IDLE/CUTOFF
3. Fuel valve – OFF
4. Ignition switch – OFF
5. Doors – OPEN

#### ENGINE FAILURE DURING FLIGHT

1. Airspeed – 60 KIAS
2. Carb heat – ON
3. Primer – IN & LOCKED
4. Fuel valve – ON
5. Mixture – RICH
6. Ignition – BOTH/START

#### EMERGENCY LANDING W/O POWER

1. Airspeed – 60 KIAS [FLAPS UP]  
-55 KIAS [FLAPS DOWN]
2. Mixture – IDLE/CUTOFF
3. Fuel valve – OFF

4. Ignition switch – OFF
5. Wing Flaps – AS REQUIRED
6. Master switch – OFF
7. Doors – OPEN BEFORE TOUCHDOWN
8. Touchdown – TAIL LOW
9. Brakes – APPLY HEAVILY

### ENGINE FIRE ON GROUND

1. **CONTINUE CRANKING TO START ENGINE**
2. **Engine Starts – POWER1700 for few minutes AND THEN SHUT DOWN**
3. **No Start – SHUTDOWN**
  - **THROTTLE FULL OPEN**
  - **MIXTURE IDLE CUTOFF**
  - **CONTINUE CRANKING ENGINE SECURE:**
    - **MASTER SWITCH OFF**
    - **IGNITION OFF**
    - **FUEL VALVE OFF**
    - **FIRE EXTINGUISH**
    - **INSPECT FOR DAMAGE**

### ENGINE FIRE IN FLIGHT

1. Mixture – IDLE/CUTOFF
2. Fuel valve – OFF
3. Master switch – OFF
4. Cabin heat/air – OFF
5. Airspeed – 85 KIAS OR AS NECESSARY TO EXTINGUISH FIRE
6. Forced landing – EXECUTE

### ELECTRICAL FIRE IN FLIGHT

1. Master switch – OFF
2. All other switches (except ignition) OFF
3. Vents/cabin air/heat – OFF
4. Fire extinguisher – ACTIVATE

### WHEN FIRE APPEARS OUT

1. Master switch – ON
2. Circuit breakers – CHK, DON'T RESET
3. Radio & Electric – ON,  
ONE AT A TIME
4. VENTILATE CABIN

### OVER VOLTAGE LIGHT

1. Master switch – OFF
2. Master switch – ON
3. Light – OFF, IF ON,  
TERMINATE FLIGHT

### AMMETER DISCHARGE

1. Alternator – OFF
2. Electrical load – REDUCE
3. Flight – TERMINATE ASAP