

<b>Cessna 152</b>	<b>NORMAL OPERATION CHECKLIST</b>	<b>2021-09-23</b>
-------------------	---------------------------------------	-------------------

# **PREFLIGHT INSPECTION**

1. CABIN
  - 1.1. CONTROL WHEEL LOCK..... REMOVE
  - 1.2. IGNITION SWITCH..... OFF
  - 1.3. MASTER SWITCH..... ON
  - 1.4. FUEL QUANTITY INDICATORS..... CHECK
  - 1.5. MASTER SWITCH..... OFF
  - 1.6. FUEL SHUTOFF VALVE ..... ON
2. EMPENNAGE
  - 2.1. RUDDER GUST LOCK..... REMOVE
  - 2.2. TAIL TIE-DOWN ..... DISCONNECT
  - 2.3. CONTROL SURFACES ..... CHECK
3. RIGHT WING TRAILING EDGE
  - 3.1. AILERON ..... CHECK
4. RIGHT WING
  - 4.1. WING TIE-DOWN ..... DISCONNECT
  - 4.2. MAIL WHEEL TIRE..... CHECK
  - 4.3. FUEL CONDITION..... CHECK
  - ONLY FIRST FLIGHT OF THE DAY
  - 4.4. FUEL QUANTITY..... CHECK
  - 4.5. FUEL FILLER CAP ..... SECURE
5. NOSE
  - 5.1. ENGINE OIL LEVEL ..... CHECK
  - 5.2. FUEL CONDITION..... CHECK
  - ONLY FIRST FLIGHT OF THE DAY
  - 5.3. PROPELLER AND SPINNER ..... CHECK
  - 5.4. CARBURETOR AIR FILTER..... CHECK
  - 5.5. LANDING LIGHT(S)..... CHECK
  - 5.6. NOSE WHEEL STRUT AND TIRE ..... CHECK
  - 5.7. NOSE TIE-DOWN..... DISCONNECT
  - 5.8. STATIC SOURCE OPENING ..... CHECK

Continued....

Cessna 152	<b>NORMAL OPERATION CHECKLIST</b>	2021-09-23
------------	---------------------------------------	------------

- 6. LEFT WING
  - 6.1. MAIN WHEEL TIRE ..... CHECK
  - 6.2. FUEL CONDITION..... CHECK
  - ONLY FIRST FLIGHT OF THE DAY
  - 6.3. FUEL QUANTITY ..... CHECK
  - 6.4. FUEL FILLER CAP ..... SECURE
- 7. LEFT WING LEADING EDGE
  - 7.1. PITOT TUBE & COVER..... REMOVE & CHECK
  - 7.2. STALL WARNING OPENING ..... CHECK
  - 7.3. FUEL TANK VENT OPENING ..... CHECK
  - 7.4. WING TIE-DOWN ..... DISCONNECT
- 8. LEFT WING TRAILING EDGE
  - 8.1. AILERON ..... CHECK

<b>Cessna 152</b>	<b>NORMAL OPERATION CHECKLIST</b>	2021-09-23
-------------------	---------------------------------------	------------

## **BEFORE STARTING ENGINE**

1. PREFLIGHT INSPECTION .....COMPLETE
2. SEATS, BELTS &  
SHOULDER HARNESSSES ..... ADJUST & LOCK
3. FUEL SHUTOFF VALVE ..... ON
4. RADIOS & ELECTRICAL EQUIPMENT ..... OFF
5. BRAKES ..... TEST & SET
6. CIRCUIT BREAKERS ..... CHECK IN

## **STARTING ENGINE (TEMP ABOVE FREEZING)**

1. MIXTURE ..... RICH
2. CARBURETOR HEAT ..... COLD
3. PRIME ..... AS REQUIRED
4. THROTTLE ..... OPEN 1/2 INCH
5. PROPELLER AREA ..... CLEAR
6. MASTER SWITCH ..... ON
7. IGNITION SWITCH ..... START
8. THROTTLE ..... 1000 RPM OR LESS
9. OIL PRESSURE ..... CHECK

**FOR FLIGHT SIMULATION USE ONLY**

Cessna 152	<b>NORMAL OPERATION CHECKLIST</b>	2021-09-23
------------	---------------------------------------	------------

**BFORE TAKEOFF**

- 1. PARKING BRAKE..... SET
- 2. CABIN DOORS.....CLOSED & LATCHED
- 3. FLIGHT CONTROLS .....FREE & CORRECT
- 4. FIGHT INSTRUMENTS ..... SET
- 5. FUEL SHUTOFF VALVE ..... ON
- 6. MIXTURE.....RICH
- 7. ELEVATOR TRIM ..... TAKEOFF
  - 7.1. THROTTLE ..... 1700 RPM
  - 7.2. MAGNETOS ..... CHECK
  - 7.3. CARBURETOR HEAT ..... CHECK
  - 7.4. ENGINE INSTRUMENTS AND AMMETER..... CHECK
  - 7.5. SUCTION GAGE ..... CHECK
- 8. RADIOS ..... SET
- 9. LIGHTS.....AS REQUIRED
- 10. THROTTLE FRICTION LOCK ..... ADJUST
- 11. BRAKES ..... RELEASE

Cessna 152	<b>NORMAL OPERATION CHECKLIST</b>	2021-09-23
------------	---------------------------------------	------------

**TAKEOFF**

**NORMAL TAKEOFF**

- 1. WING FLAPS..... 0° - 10°
- 2. CARBURETOR HEAT ..... COLD
- 3. THROTTLE ..... FULL OPEN
- 4. ELEVATOR CONTROL .....LIFT NOSE WHEEL AT 50 KIAS
- 5. CLIMB SPEED ..... 65-75 KIAS

**SORT FIELD TAKEOFF**

- 1. WNG FLAPS..... 10°
- 2. CRBURETOR HEAT ..... COLD
- 3. BAKES .....APPLY
- 4. TROTTLE..... FULL OPEN
- 5. MXTURE .....RICH
- 6. BAKES ..... RELEASE
- 7. EEVATOR CONTROL ..... SLIGHTLY TAIL LOW
- 8. CIMB SPEED ..... 54 KIAS
- 9. WING FLAPS.....RETRACT @ 60 KIAS

**ENROUTE CLIMB**

- 1. AIRSPEED..... 70-80 KIAS
- 2. THROTTLE ..... FULL OPEN
- 3. MIXTURE .....RICH < 3000, LEAN MAX RPM > 3000

**CRUISE**

- 1. POWER ..... 1900-2550 RPM (MAX 75%)
- 2. ELEVATOR TRIM ..... ADJUST
- 3. MIXTURE ..... LEAN

<b>Cessna 152</b>	<b>NORMAL OPERATION CHECKLIST</b>	2021-09-23
-------------------	---------------------------------------	------------

## **BEFORE LANDING**

1. SEATS, BELTS, HARNESSSES..... ADJUST & LOCK
2. MIXTURE.....RICH
3. CARBURETOR HEAT ..... ON

## **LANDING**

### **NORMAL LANDING**

1. AIRSPEED..... 60-70 KIAS (FLAPS UP)
2. WING FLAPS..... AS DESIRED (BELOW 85 KIAS)
3. AIRSPEED..... 55-65 KIAS (FLAPS DOWN)
4. TOUCHDOWN..... MAIN WHEELS FIRST
5. LANDING ROLL..... LOWER NOSE WHEEL GENTLY
6. BRAKING..... MINIMUM REQUIRED

### **SHORT FIELD LANDING**

1. AIRSPEED..... 60-70 KIAS (FLAPS UP)
2. WING FLAPS.....30° (BELOW 85 KIAS)
3. AIRSPEED..... MAINTAIN 54 KIAS
4. POWER ..... REDUCE TO IDLE AS OBSTACLE IS CLEARED
5. TOUCHDOWN..... MAIN WHEEL FIRST
6. BRAKES .....APPLY HEAVILY
7. WING FLAPS..... RETRACT

### **BALKED LANDING**

1. THROTTLE..... FULL OPEN
2. CARBURETOR HEAT ..... COLD
3. WING FLAPS..... RETRACT TO 20°
4. AIRSPEED..... 55 KIAS
5. WING FLAPS..... RETRACT (SLOWLY)

**FOR FLIGHT SIMULATION USE ONLY**

Cessna 152	<b>NORMAL OPERATION CHECKLIST</b>	2021-09-23
------------	---------------------------------------	------------

**AFTER LANDING**

- 1. WING FLAPS..... UP
- 2. CARBURETOR HEAT ..... COLD

**SECURING AIRPLANE**

- 1. PARKING BRAKE..... SET
- 2. RADIOS, ELECTRICAL EQUIPMENT ..... OFF
- 3. MIXTUREIDLE .....CUT-OFF
- 4. IGNITION SWITCH..... OFF
- 5. MASTER SWITCH..... OFF
- 6. CONTROL LOCK..... INSTALL