

NORMAL PROCEDURES



Cessna 152

Before Starting Engine

1. Preflight Inspection-----COMPLETE
2. Fuel Quantity-----ADEQUATE
3. Seats and Belts-----ADJUST AND LOCK
4. Fuel Shutoff Valve-----ON
5. Radios and Electricals-----OFF
6. Brakes-----TEST
7. Circuit Breakers-----CHECK IN

Starting Engine

1. Magneto Key-----IN (mags off)
2. Mixture-----RICH
3. Carburetor Heat-----COLD
4. Master Switch-----ON
5. Beacon-----ON
6. Throttle-----OPEN 1/2 INCH
7. Prime-----AS REQUIRED AND LOCKED
8. Brakes-----SET
9. Propeller Area-----CLEAR
10. Ignition Switch-----START
11. Oil Pressure-----CHECK
12. Radios-----ON
13. Flaps-----UP

Before takeoff

1. Flight Controls-----FREE AND CORRECT
2. Flight Instruments-----SET
3. Elevator Trim-----TAKEOFF
4. Flaps-----UP (or AS DESIRED)
5. Mixture-----RICH
6. Throttle-----1,700 RPM
 - a) Magnetos (125 max drop)-----CHECK
 - b) Carburetor Heat-----CHECK
 - c) Engine Instruments-----CHECK
 - e) Ammeter-----CHECK
 - d) Suction Gauge -----CHECK
 - f) Throttle-----1,000 RPM
7. Throttle Friction Lock-----ADJUST
8. Radios-----SET
9. Transponder-----ALT
10. Cabin Doors-----CLOSED AND LATCHED
11. Lights -----AS REQUIRED

V _x = 54 KIAS	V _v = 65 KIAS
BEST GLIDE SPEED-----	60 KIAS
TURBULENCE PENETRATION (V _a)----	104 KIAS

WCFC Phone Numbers

(919) 776-2003
(919) 776-2082

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Takeoff

NORMAL TAKEOFF

1. Flaps-----UP
2. Elevator-----LIFT NOSE AT 50 KIAS
3. Climb Speed-----65 KIAS

SOFT FIELD TAKEOFF

1. Flaps-----10°
2. Power-----FULL
3. Seats and Belts-----ADJUST AND LOCK
4. Elevator-----AFT
(Hold nose up until liftoff. After liftoff, hold in ground effect until normal climb speed is reached, then rotate to normal climb attitude and retract flaps.)

SHORT FIELD TAKEOFF

1. Flaps-----10°
2. Brakes-----APPLY
3. Throttle-----FULL
4. Brakes-----RELEASE
5. Rotate-----50 KIAS
6. Climb @ 54 KIAS (until obstacle cleared)
7. Flaps----- (after 60 KIAS) RETRACT

Cruise

1. Elevator-----TRIM FOR LEVEL FLIGHT
2. Power-----1,900-2,400 RPM (75% or less)
3. Mixture-----LEAN (ALL ALTITUDES)

Before Landing

1. Seats and Belts-----ADJUST AND LOCK
2. Mixture-----RICH
3. Carb Heat-----ON
4. Airspeed-----70 KIAS

Landing

NORMAL LANDING

1. Flaps-----20°
2. Airspeed-----65 KIAS

SHORT FIELD LANDING

1. Flaps-----30°
2. Airspeed-----54 KIAS
3. Power----TO IDLE AS OBSTACLE CLEARED
4. Airspeed-----MAINTAIN 54 KIAS
5. Braking-----HEAVY (yoke full aft)

SOFT FIELD LANDING

1. Flaps-----30°
2. Airspeed-----60 KIAS
3. Throttle-----1,200 RPM AT FLARE
4. Touchdown-----at MINIMUM SPEED

NOTE: Abnormal & Emergency Procedures should be memorized. Refer to the Pilot's Operating Handbook for details.