

SPEEDS FOR NORMAL OPERATION

Short Field Takeoff, 10° Flaps	54 KIAS
Normal Climb	65-75 KIAS
Best Rate of Climb, Sea Level	67 KIAS
Best Rate of Climb, 10,000 Feet	61 KIAS
Best Angle of Climb.	55 KIAS
Normal Approach, Flaps Up	60-70 KIAS
Normal Approach, Flaps 30°.	55-65 KIAS
Short Field Approach, Flaps 30°	54 KIAS
V _a – 1670 Lbs.	104 KIAS
V _a – 1350 Lbs.	93 KIAS
Maximum Glide	60 KIAS

CABIN CHECKS

1. Control Locks - - REMOVED
2. Ignition - - OFF
3. Empty Seats - - BELTS SECURE
4. Trim - - FULL TRAVEL (visual)
5. Fuel Valve - - ON
6. Master - - ON
7. Fuel Gauges - - CHECK
8. Lights & Pitot Heat - - CHECK
9. Flaps - - EXTEND (up after walk-around)
10. Master Switch - - OFF

PRE-START

1. Passengers - - BRIEFED ON:
Smoking, Exits, Seats & Belt operation, Fire Extinguisher, First-Aid kit, ELT, Forced Landing
2. Seat Belts/Doors - - SECURED
3. Brakes - - SET
4. Circuit Breakers – CHECK IN
5. Radios/Electrics - - OFF
6. Fuel Shutoff Valve - - ON
7. Hobbs Meter - - RECORD
8. Flight Controls - - FREE & CORRECT

ENGINE START

1. Mixture - - RICH
2. Carburetor Heat - - COLD
3. Master Switch - - ON
4. Lights - - AS REQUIRED
5. Throttle - - OPEN ½ INCH (closed if warm)
6. Prime - - AS REQUIRED (none if warm)
7. Prop Area - - CLEAR (call “Clear”)
8. Ignition - - START
9. Throttle – ADJUST for 1000 RPM or less
10. Oil Pressure - - CHECK
11. Mixture - - LEAN as required

CHECKLIST FOR ALL

Cessna 152 Aircraft

EDMONTON FLYING CLUB

Modified May 25, 2004

ATIS - -125.40 or 114.90

PRE-TAXI

1. Breakers - - IN
2. Radio - - ON
3. Transponder – TEST & STANDBY
4. Heading & Attitude Indicators - - SET
5. Altimeter - - SET
6. Brakes - - CHECK
7. Instruments - - CHECK while rolling

RUN UP

1. Nose Wheel - - STRAIGHT
2. Brakes - - ON
3. Mixture - - RICH
4. Throttle - - 1700 RPM
5. Magnetos - - CHECK
Max Drop 125 RPM
Max Difference 50 RPM
6. Mixture - - OPERATIONAL
7. Carb Heat - - HOT
8. Suction - - CHECK in the Green
9. Oil Temp - - CHECK
10. Oil Pressure - - CHECK in the Green
11. Ammeter - - CHARGING
12. Throttle - - IDLE
13. Oil Pressure - - CHECK above red
14. Carb Heat - - COLD
15. Throttle - - 1000 RPM
16. Mixture - - LEAN as required

BEFORE TAKEOFF

1. Trim - - SET (Visual Check)
2. Primer - - IN & LOCKED
3. Master - - ON
4. Magnetos - - ON BOTH
5. Carb Heat - - COLD
6. Throttle Friction - - ADJUSTED
7. Flaps - - AS REQUIRED
8. Fuel Valve - - ON
9. Belts/Doors - - SECURED
10. Flight Controls - - FREE

PRE TAKEOFF BRIEF

TWR - -119.10

HOLD SHORT

1. Transponder - - ALTITUDE MODE
2. Mixture - - RICH (below 3000 ft.)
3. Lights - - AS REQUIRED
4. Pitot heat - - AS REQUIRED
5. Time - - RECORD
6. Heading Indicator - - SET

LEVEL-OFF

1. Power - - SET
2. Mixture - - LEAN as required
3. Lights - - AS REQUIRED
4. Heading Indicator - - SET

PRE-LANDING

1. Primer - - IN & LOCKED
2. Master - - ON
3. Magnetos - - ON BOTH
4. Fuel Gauges - - CHECK
5. Oil - - TEMPERATURE & PRESSURE
6. Lights - - AS REQUIRED
7. Carb Heat - - CHECK
8. Mixture - - RICH
9. Fuel Valve - - ON
10. Brakes - - CHECK
11. Belts & Doors - - SECURE
12. Carb Heat - - ON (Apply full heat before closing throttle)

POST-LANDING

1. Time - - RECORD
2. Transponder - - OFF
3. Lights - - AS REQUIRED
4. Carb Heat - - COLD
5. Mixture - - LEAN as required
6. Flaps - - RETRACTED

SHUT DOWN

1. Radio - - 121.50 If no tower then OFF
2. Electrics - - OFF
3. Beacon Light - - LEFT ON
4. Throttle - - IDLE
5. Magnetos - - LIVE MAG CHECK
6. Throttle - - 1000 RPM
7. Mixture - - IDLE CUT-OFF
8. Magnetos - - OFF (Key Out)
9. Master - - OFF
10. Hobbs Meter - - RECORD
11. Control Lock - - INSTALLED
12. Pitot Cover - - ON