

SPEEDS FOR NORMAL OPERATION

Short Field Takeoff, Flaps Up 59 KIAS
Normal Climb 70-80 KIAS
Best Rate of Climb, Sea Level 73 KIAS
Best Rate of Climb, 10,000 Feet 68 KIAS
Best Angle of Climb. 60 KIAS
Normal Approach, Flaps Up 60-70 KIAS
Normal Approach, Flaps 40°. 55-65 KIAS
Short Field Approach, Flaps 40° 60 KIAS
V_a – 2300 Lbs. 97 KIAS
V_a – 1600 Lbs. 80 KIAS
Maximum Glide 65 KIAS

CABIN CHECKS

1. Control Locks -- REMOVED
2. Ignition -- OFF
3. Trim -- FULL TRAVEL (visual)
4. Alternate Static Source -- OFF
5. Fuel Selector Valve -- ON
6. Empty Seats -- BELTS SECURE
7. Master Switch -- ON
8. Flaps -- EXTEND (up after walk-around)
9. Fuel Gauges -- CHECK
10. Lights & Pitot Heat -- CHECK
11. 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. Avionics Master Switch -- OFF
6. Fuel Selector Valve -- ON LEFT
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 1/8 INCH
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 GVOR CESSNA 172N AIRCRAFT EDMONTON FLYING CLUB

Modified May 25, 2004

PRE-TAXI

1. Breakers -- IN
2. Avionics Switch & Radios -- ON
3. Transponder -- TEST & STANDBY
4. Heading & Attitude Indicators -- SET
5. Altimeter -- SET ATIS -- 125.40 or 114.90
6. Fuel Selector Valve -- ON RIGHT
7. Brakes -- CHECK
8. Instruments -- CHECK while rolling

GND -- 121.90

RUN UP

1. Nose Wheel -- STRAIGHT
2. Brakes -- ON
3. Fuel Selector Valve -- ON BOTH
4. Mixture -- RICH
5. Throttle -- 1700 RPM
6. Magnetos -- CHECK
Max Drop 125 RPM
Max Difference 50 RPM
7. Mixture -- OPERATIONAL
8. Carb Heat -- HOT
9. Suction -- CHECK in the Green
10. Oil Temp -- CHECK
11. Oil Pressure -- CHECK in the Green
12. Ammeter -- CHARGING
13. Throttle -- IDLE
14. Oil Pressure -- CHECK above red
15. Carb Heat -- COLD
16. Throttle -- 1000 RPM
17. 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 Selector Valve -- RECHECK BOTH
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 BOTH
10. Brakes -- CHECK
11. Belts & Doors -- SECURE
12. Carb Heat -- ON (Apply full heat before closing throttle)

POST-LANDING

GND -- 121.90

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
2. Avionics Master Switch -- 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. Control Lock -- INSTALLED
11. Hobbs Meter -- RECORD
12. Pitot Cover -- ON