

C-152 Checklist

Pre-Flight Inspection Complete

PRE-START

Baggage..... secure
Pass. Briefingbelts, doors, emerg
equipment, no smoking
Controls, Trim check
Lights and Breakers check
Radio, Transponder..... **OFF**
Fuel Valve On
Mixture full rich
Carb Heat..... cold
Master on
Brakes – ON, Throttle – SET; prime
PropCheck clear around a/c
Start **1000 rpm**

POST-START

Oil pressure..... Rising
Mixture lean for taxi
Flaps—UP, Radios—ON

Start time

ATIS..... **128.40**
Call Ground **121.90**
Brakes— Check, Instrument – Check

PRE-FLIGHT

Flight Instruments
Engine Instruments
Fuel Qty—check, Fuel Valve— On
Electrics..... lights, breakers
Alternator Test.....check
Trim, Flaps set for takeoff
Departure Procedure
Engine Failure Briefing
Controls.....full and free
Belts and Doors.....Secure

ENGINE RUN-UP

Oil Temp and Pres green
Mixture..... full and rich

1700 rpm

Oil Temp and Pres..... green
Mag Test..... 125/50
Suctiongreen
Carb Heat1700 and idle
Mixture lean
Taxi Clearance..... **121.90**

PRE-TAKE OFF

Time takeoff

Belts, Doors windows..... secure
Traffic..... check
Tower..... **118.30**
Clearance received
Mixture..... full rich
Carb Heathot (ice check)
Transponderto Alt (Mode C)
Landing Light ON
H.I..... set to runway heading

TAKE-OFF

Power..... check full
2280 to 2380 rpm

Carb Heat..... cold
Airspeed.....alive
Engine Gauges..... green
Accelerate climb at 80
Flaps up

CRUISE

Power..... 75% (2600 rpm)
Elevator Trim..... adjust
Mixture.....lean as required



PRE-LANDING

Fuel Valve ON
Mixture..... Full rich
Carb Heat.....Hot
Passenger Safety Briefing
Landing light..... as required

AFTER LANDING

Mixture.....Lean
Ground..... **121.90**
Transponder Standby
Carb Heat Cold
Flaps Up
Landing light.....Off

Time down

SHUT DOWN

Idle..... **1000 rpm**
Radio -- **121.50**OFF
Transponder.....OFF
1000 RPM – Mixture I.C.O.
Nav and interior lights.....OFF
Mags and Master OFF
Control Lock.....ON

Stop time

Wt and Balance

Max T/O - 1670

AIRCRAFT

GOLK – 1161.6
GYBI – 1147.5
GZHL – 1147.7
GGKH – 1171.7

FUEL ----- 7gph

24.5 Gallons

Full - 147 lbs
¾ - 110 lbs
½ - 74 lbs

37.5 Gallons

Full - 225 lbs
¾ - 169 lbs
½ - 113 lbs

CYXE FREQUENCIES

ATIS – 128.40
Ground – 121.90
Tower – 118.30
Terminal – 119.90
En Route – 126.70
VOR – 116.20
Tower phone #: 665-4249

C-152 SPEEDS

Obstacle climb (10° flaps)..... 54 kts
Best Angle (Vx)..... 55 kts
Best Rate (Vy) 67 kts
 10,000 ft.....61 kts
Normal Climb..... 70 kts
Approach (30° flaps)60 kts
 Short Final 54 kts
Stall (Vs) 48 CAS
 (Vso) 43 CAS
Engine failure glide..... 70 kts
 No wind.....60 kts
Maneuvering Speed (Va)..104 kts