



FLIGHT TRAINING

CESSNA 152 CHECKLIST

BEFORE START

Airplane.....Pull Out
 Interior Preflight.....Complete
 Exterior Preflight.....Complete
 Charts.....Onboard
 Weight & Balance.....Complete
 Passenger Briefing.....Complete
 Seats, Belts, Shoulder Harness.....Adj & Fastened
 Brakes.....Test and Set
 Avionics Power Switch.....Off
 All Electrical Equipment.....Off
 Circuit Breakers.....Checked In
 Beacon Light.....On
 Fuel Selector Valve.....On
 Mixture.....Rich
 Throttle.....Open 1/8 Inch
 Carburetor Heat.....Cold
 Prime.....As Required
2 Strokes if Engine is Cold
None if Engine is Hot
Before Start Checklist Complete

STARTING ENGINE

Propeller Area.....Clear
 Master Switch.....On
 Ignition Switch.....Start
(Release when Engine Start)
Crank no more than 8 sec.
to prevent overheating
Starting Engine Checklist Complete

AFTER START

Oil Pressure.....Checked
(Green within 30 sec.)
 Avionics Power Switch.....On
 Lights.....As Required
i.e.Nav, Beacon, Taxi
 Radios.....Set
 Transponder.....As Required (i.e. ALT)
 Flaps.....Up
 Mixture.....Lean for Taxi
After Start Checklist Complete

TAXI

Brakes.....Checked
 Flight Instruments.....Checked
Taxi Checklist Complete

RUN UP

Parking Brake.....As Required
 Seat, Belt, Shoulder Harness.....Check Secure
 Cabin Door and Windows.....Closed and Locked
 Flight Controls.....Free, Full, Correct
 Flight Instruments.....Checked
 a. Directional Gyro.....Set
 b. Attitude Indicator.....Checked
 c. Altimeter.....Set
 Fuel Selector Valve.....Both
 Elevator and Rudder Trim.....Set for Takeoff
 Mixture.....Adjust
 Throttle.....1700 RPM
 a. Magneto.....Checked
 (RPM drop not exceed 125 RPM each Mag)
 (50 RPM Differential between Mag)
 b. Ammeter.....Checked
 c. Oil Pressure.....Checked
 d. Oil Temperature.....Checked
 e. Fuel Quantity.....Checked
 f. Section Gauge.....Checked
 g. Carburetor Heat.....Check for RPM Drop
 h. Throttle.....Idle, Then 1000 RPM
 Throttle Friction Lock.....Adjust
 Radios and Avionics.....Set
 Flaps.....Set, Indicated, Vis L&R
 Takeoff Brief.....Complete
i.e. Emergency Plan
i.e. Departure Procedure
 Breaks.....Release
Runup Checklist Complete

BEFORE TAKEOFF

Avionics.....Set
 Light & Strokes.....Set
i.e.Nav, Beacon, Taxi, Landing, Strobe
 Transponder.....ALT
 Flaps.....Checked/Set
 Mixture.....Set
Before Takeoff Checklist Complete

AIRSPEEDS KIAS

Vr	Rotation	50 KIAS
Vx	Best Angle Climb	55 KIAS
Vy	Best Rate Climb	67 KIAS/61 KIAS
	Cruise Climb	70-80 KIAS



FLIGHT TRAINING

CESSNA 152 CHECKLIST

CLIMB

Flaps.....Up
Engine Instruments.....Checked
Lights.....As Required
.....i.e.Nav, Beacon, Strobe
Mixture.....Lean Above 3000 MSL
Ice Protection.....Set No Icing (Icing)
Oxygen.....As Required

Climb Checklist Complete

CRUISE

Power.....Set
Fuel System.....Checked

Cruise Checklist Complete

DESCENT

Altimeters.....Set
Mixture Rich.....As Required
Carburetor Heat.....As Required
Oxygen.....As Required

Descent Checklist Complete

APPROACH

Ice Protection.....Set No Icing (Icing)
Carburetor Heat.....As Required
Seats & Belts.....Adj & Fastened
Avionics.....Set
Approach Brief.....Complete

Approach Checklist Complete

LANDING

Lights.....As Required
.....i.e.Nav, Beacon, Taxi, Landing, Strobe
Carburetor Heat.....As Required
Brakes.....Checked
Flaps.....Set

Landing Checklist Complete

AIRSPEDS KIAS

Vfe	Below 85 KIAS
Vapp (Approach Speed)	65-60 KIAS

AFTER LANDING

Lights.....As Required
.....i.e. Nav, Beacon, Taxi
Radios.....Set
Transponder.....As Required
.....i.e.Standby or ALT
Carburetor Heat.....Cold
Mixture.....Lean for Taxi
Flaps.....Reset/Up

After Landing Checklist Complete

PARKING

Electrical Equipment.....Off
Light.....Off
.....i.e. All Off except Beacon
Avionic Power Switch.....Off
Throttle.....Set 1200 RPM
Mixture.....Idle/ Cut-Off
Magnetos.....Off
Master Switch.....Off
Beacon.....As Required/Off

Parking Checklist Complete



GOOD JOB CAPTAIN

- Turn Off Engine
- (562) 997 0700



**Signature
(562) 997 0700**

All Pilots are required to call for the "Top Off" after each flight. Irregardless of the duration of the flight flown.



CESSNA 152 CHECKLIST

ENGINE FIRE DURING FLIGHT

Mixture.....Idle/ Cut-Off
 Fuel Selector Valve.....Off
 Master Switch.....Off
 Cabin Heat and Air.....Off
 Airspeed.....100 KIAS
 Forced Landing Checklist.....Execute
Engine Fire During Flight Checklist Complete

ENGINE FAILURE IN FLIGHT

Airspeed.....65 KIAS
 Best Place to Land.....Selected
 Fuel Selector Valve.....On
 Mixture.....Rich
 Carburetor Heat.....Pull/On
 Ignition Switch.....Both
 Primer.....In and Lock
 Forced Landing Checklist.....Execute
Engine Failure In Flight Checklist Complete

FORCE LANDING WITHOUT POWER

Airspeed.....65 KIAS (No Flaps)
60 KIAS (Flap Down)
 Best Place to Land.....Selected
 Fuel Selector Valve.....Off
 Mixture.....Idle/ Cut-Off
 Ignition Switch.....Off
 Wing Flaps.....As Required
30 Degree Recommended
 Master Switch.....Off
 Doors.....Unlatched Prior to Touchdown
-----Force Landing Checklist Complete-----
 Touchdown.....Slightly Tail Low
 Breaks.....Apply Heavily
 Evacuation.....Initiate

ELECTRICAL FIRE IN FLIGHT

Master Switch.....Off
 Avionic Power Switch.....Off
 All Other Switches.....Off
 Vents/ Cabin Air/ Heat.....Closed
 Fire Extinguisher.....Activate
-----If Fire is Out and Electrical is Necessary-----
 Master Switch.....On
 Circuit Breakers.....Check
(For Faulty Breaker)
 Radio Switches.....Off
 Avionics Power Switch.....On
 Radio/Electrical Switches.....On
(One at a Time)

AMMETER SHOWS EXCESSIVE RATE

Ammeter Show Excessive Rate of Charge Full Scale
 Deflection
 Alternator.....Off
 Alternator Circuit Breaker.....Pull
 Nonessential Electrical Equipment.....Off
 Flight.....Land as soon as practical

LOW VOLTAGE LIGHT ILLUMINATES

Avionic Power Switch.....Off
 Alternator Circuit Breaker.....Check In
 Master Switch.....Off
 Master Switch.....On
 Low-Voltage Light.....Check Off
 Avionic Power Switch.....On
-----If Low-Voltage Light Illuminates Again-----
 Alternator.....Off
 Nonessential Electrical Equipment.....Off
 Flight.....Land as Soon as Practical



CESSNA 152 CHECKLIST

Limitation C152	
Service Ceiling	14,700 ft
Max Takeoff Weight	1670 lbs
Max Landing Weight	1670 lbs
Oil Capacity	Total 7 qts Max 6 qts Min 4 qts
Max Crosswind	15 kts

V-Speed C152	
Vne	149 KIAS
Vno	111 KIAS
Va 1670 lbs 1500 lbs 1350 lbs	104 KIAS 98 KIAS 93 KIAS
Vfe	85 KIAS
Max Window Open	149 KIAS
Vso (Stall Landing)	35 KIAS
Vs	40 KIAS
Vx (Best Angle) Sea Level thru 10,000 feet	55 KIAS
Vy (Best Rate) Sea Level 10,000 feet	67 KIAS 61 KIAS
Vg (Best Glide) No Flap With Flap	60 KIAS 65 KIAS 60 KIAS

INTERIOR PREFLIGHT
Control Lock.....Removed & Stowed
All Electrical Equipments.....Offi.e.Radio/Transponder/Lights/Avionics Switch
Master Switch.....On
Fuel Gauges.....Verify Full
Avionics Power Switch.....On
Radios.....OnGet ATIS & Clearance
Avionics Power Switch.....Off
Exterior Lights and Pitot Heat.....InspectAnti-Collision, Nav, Landing, Taxi
Flaps.....Extend
Master Switch.....Off
Required Documents.....Present
Interior Preflight Checklist Complete

EXTERIOR PREFLIGHT
Baggage Door.....Closed & Latched
Left Fuselage.....Verify Free of Damage
Empennage Surfaces.....Inspect & Remove Tie-Down
Right Fuselage.....Verify Free of Damage
ELT Antenna.....Inspect Security
Right Wing Fuel.....Free of Water/Contamination
Right Tire and Brake.....Check for Inflation & Leaks
Right Wing Flap & Aileron.....Verify Free & Correct
Right Wing Leading Edge.....Inspect & Remove Tie-Down
Right Wing Fuel Tank.....Verify Full & Secure Cap Oil Level..... 4-6qt.
Fuel Strainer.....Free of Water/Contamination
Nose Strut & Tire.....Check for Proper Inflation
Exhaust.....Free of Obstruction/Cracks
Propeller & Spinner.....Inspect for Nicks/Security
Alternator Belt.....Inspect, Check Tension
Air Filter.....Clear & Clean
Static Source.....Clear of Obstructions
Left Wing Fuel Tank.....Verify Full & Secure Cap
Pitot Tube.....Remove Cover & Inspect
Stall Warning Horn.....Verify Clear & Function Test
Fuel Vent.....Verify Clear
Left Wing Leading Edge.....Inspect & Remove Tie-Down
Left Wing Aileron & Flap.....Verify Free & Correct
Left Wing Fuel.....Free of Water/Contamination
Left Tire and Brake.....Check for Inflation & Leaks
Exterior Preflight Checklist Complete