



**C-152/150
 Condensed Checklist**

BEFORE STARTING CHECK

Preflight	Complete
Seats and belts	Check
Brakes	Test, apply
Fuel selector valve	On
Mixture	Full rich
Throttle	1/2"
Carb Heat	Off
Circuit breakers	Check
Avionics master	Off
Electrical equipment	Off

ENGINE START CHECK

Prime	As required
Master switch	On
Beacon	On
Propeller area	Clear
Magneto	On
Start engine	900 RPM
Oil pressure	Check
Ammeter	Check
Avionics master	On
Flaps	Up
Transponder	Standby
Radios	Check, set

PRE-TAXI CHECK

Pre-flight Inst	Check
Lights	As required
Brakes	Check

BEFORE TAKEOFF CHECK

Brakes	Apply
Doors/Windows	Closed/locked
Flight controls	Free, correct
Fuel selector valve	On
Elevator, trim	Set for takeoff
Mixture	Rich
Throttle	1700 RPM
Magnetos	Right, then left
Engine gauges	Check
Ammeter	Check
Suction gauge	Check
Carb heat	Check/On/Off
Throttle	900 RPM
Flight instruments	Check and set
Fuel quantity	Check
Radios/Nav aids	Set
Lights/strobes	Set
Wing flaps	Up
Transponder	Alt, code set
Wind sock	Check
Departure Plan	Complete
Brake	Release

Flaps	Up or 10°
Mixture	Rich
Lights	As req.

*152=KT 150=MPH

CRUISE CHECK

Power	2300-2500 RPM
Mixture	Lean as Required
Lights/strobes	Set
Directional gyro	Check
Engine Gauges	Check

DESCENT CHECK

Mixture	As required
Carb heat	Set as required

BEFORE LANDING

Mixture	Rich
Carb Heat	Apply
Flaps	Set

AFTER LANDING CHECK

Wing flaps	Up
Carb heat	Off
Lights/strobes	As required
Transponder	Standby

SECURING AIRPLANE CHECK

Radios	Off
Electrical equip	Off
Mixture	Idle cut-off
Magnetos	Off
Master switch	Off
Control lock	Install
Hobbs meter	Note time
Tie-downs	Secure
Pitot cover	Install

ENGINE FAILURES

ENGINE FAILURE IMMEDIATELY AFTER TAKEOFF

Airspeed	60/65
Mixture	Idle cut-off
Fuel Selector Valve	Off
Ignition Switch	Off
Wing Flaps	As required
Master Switch	Off

ENGINE FAILURE DURING FLIGHT

Airspeed	60/70
Carburetor Heat	On
Fuel Selector Valve	Both
Mixture	Rich
Ignition Switch	Both (or Start if propeller is stopped)
Primer	In and Locked

FORCED LANDINGS

EMERGENCY LANDING WITHOUT ENGINE POWER

Airspeed	60/70
Mixture	Idle cut-off
Fuel Selector Valve	Off
Ignition Switch	Off
Wing Flaps	As req.
Master Switch	Off
Doors	Unlatch prior to touchdown
Touchdown	Slightly tail low
Brakes	Apply heavily

FIRES

ENGINE FIRE DURING START ON GROUND

Cranking	Continue, til start
<i>If engine starts:</i>	
Power	1700RPM/few min.
Engine	Shutdown & inspect for damage
<i>If engine fails to start:</i>	
Throttle	Full open
Mixture	Idle cut-off
Cranking	Continue 2-3 min
Extinguisher	Obtain
Engine	Secure
a. Master switch	Off
b. Ignition switch	Off
c. Fuel Shutoff Valve	Off

ENGINE FIRE IN FLIGHT

Mixture	Idle cut-off
Fuel Selector Valve	Off
Master Switch	Off
Cabin Heat and Air	Off (ex. ovrhd vents)
Airspeed	87/100
Forced Landing	Execute

ELECTRICAL FIRE IN FLIGHT

Master Switch	Off
All other Switches (except ignition switch)	Off
Vents/Cabin Air/Heat	Closed
Fire Extinguisher	Activate
<i>If the fire appears out and electrical power is necessary for continuance of flight:</i>	
Master Switch	On
Circuit Breakers	Check for faulty circuit, do not reset.
Radio/Electrical Switches	On (one at a time, with delay after each short circuit is localized)
Vents/Cabin Air/Heat	Open when fire is extinguished.
Land	ASAP

CABIN FIRE

Master Switch	Off
Vents/Cabin Air/Heat	Closed
Fire Extinguisher	Activate

Land the airplane ASAP to inspect for damage.

SPEED REFERENCE

	<u>KTS</u>	<u>MPH</u>
V _R	50	55
V _X	59	70
V _Y	67	76
V _A	104	109
Best Glide	60	70
V _{SO}	35	48
V _{S1}	40	55

N49988 – C152 (KTS)
N46803 – C152 (
N19550 – C150 (
N840XJ – C150 (
N8817S – C150 (