

NORMAL PROCEDURES

PRE-FLIGHT

1. Documents----- CHECK
2. Cabin Check-----COMPLETE
3. Cockpit Check-----COMPLETE
4. Pre-Flight Inspection-----COMPLETE
5. Passengers-----BRIEFED

START

1. Brakes----- HOLD
2. Master----- ON
3. Beacon----- ON
4. Carb Heat-----OFF
5. Throttle----- ¼"
6. Mixture----- RICH
7. Fuel----- ON
8. Primer----- AS REQ'D
9. Propeller Area----- CLEAR
10. Ignition----- START

AFTER START

1. Throttle----- <1000 RPM
2. Oil Pressure----- CHECK within 30sec
3. Flaps----- UP
4. Avionics----- ON
5. Time START----- NOTED

RUNUP

1. Throttle----- 1700 RPM
2. Oil Temp. and Press.----- CHECK
3. Vacuum----- CHECK
4. Alternator----- CHECK
5. Magnetos----- CHECK
6. Carburetor Heat----- CHECK
7. Mixture----- CHECK
8. Throttle----- IDLE CHECK
9. Throttle----- <1000 RPM

BEFORE TAKEOFF

1. Seats/Belts/Doors----- SECURE
2. Flight Controls----- CHECK
3. Instruments----- SET
4. Engine Gauges----- GREEN
5. Primer----- LOCKED
6. Magnetos----- BOTH
7. Carb Heat----- OFF
8. Mixture----- RICH
9. Flaps----- SET FOR TAKEOFF
10. Trim----- SET FOR TAKEOFF
11. Fuel----- ON
12. Departure----- BRIEFED

LINE-UP

1. Flight Tracking----- WHEELS UP
2. Time UP----- NOTED
3. Instruments----- SET
4. Lights----- ON
5. Transponder----- ALT

CESSNA 150M CHECKLIST

BEFORE LANDING

1. Cabin----- SECURE
2. Downwind Checks----- COMPLETE

AFTER LANDING

1. Carb Heat----- OFF
2. Flaps----- UP
3. Lights----- OFF
4. Transponder----- STBY
5. Time DOWN----- NOTED
6. Flight Tracking----- ARRIVED at DESTINATION

SHUTDOWN

1. Avionics----- OFF
2. Magnetos----- DEAD CHECK
3. Mixture----- IDLE CUT-OFF
4. Magnetos----- OFF
5. Master----- OFF
6. Time Stop----- NOTED
7. Aircraft----- SECURE

AIRCRAFT SUMMARY

WEIGHTS (lbs.)	AIRSPEDS (KIAS)
GTOW 1600	Vne 141
Bagg. 1 120	Vno 107
Bagg. 2 40	Va 97
Max. total baggage is 120	Vfe 85
	Vx 56
Fuel (US gal.)	Vy 68
Total..... 26	Vs 48
Usable 22.5	Vso..... 42
	Best Glide 60
	Vref (0 flap)..... 60-70
	Vref (40 flap)..... 50-60

EMERGENCY PROCEDURES

CESSNA 150M CHECKLIST

ENGINE FAILURE DURING TAKEOFF ROLL

Throttle----- IDLE
Brakes----- APPLY
Flaps-----RETRACT
Mixture----- IDLE CUT-OFF
Magnetos----- OFF
Master----- OFF

ENGINE FAILURE AFTER TAKEOFF

Airspeed----- 60/55 KIAS FLAPS UP/DOWN
Control----- SELECT LANDING SITE
Carb Heat----- ON

As Time Permits:

Mixture----- IDLE CUT-OFF
Fuel Selector----- OFF
Magnetos----- OFF
Flaps-----AS REQUIRED
Master----- OFF
Doors-----AJAR

ENGINE FAILURE IN FLIGHT

Airspeed----- 60 KIAS
Carb Heat----- ON
Mixture-----RICH
Fuel Selector----- ON
Control----- SELECT LANDING SITE
Cause Check
Engine/Fuel Gauges-----CHECK
Primer----- LOCKED
Magnetos----- VARY
Throttle----- VARY
Mixture----- VARY
Magnetos----- START (if propeller is stopped)

FORCED LANDING

FORCED LANDING

Squawk Code-----7700
Emergency----- 121.5
Passengers----- BRIEF
Mixture----- IDLE CUT-OFF
Magnetos----- OFF
Fuel Selector----- OFF
Flaps----- As REQUIRED
Master Switch----- OFF
Seats/Belts-----SECURE
Doors-----AJAR

ROUGH ENGINE

Carb Heat----- ON
Mixture-----RICH
Fuel Selector----- ON
Cause Check
Engine/Fuel Gauges-----CHECK
Primer----- LOCKED
Magnetos----- VARY
Throttle----- VARY
Mixture----- VARY

ENGINE FIRE IN FLIGHT

Mixture----- IDLE CUT-OFF
Fuel Selector-----OFF
Cabin Air/Heat----- CLOSED
Airspeed----- INCREASE to extinguish fire
FORCED LANDING

ENGINE FIRE DURING START

Starter----- CONTINUE CRANKING

IF ENGINE STARTS:

Throttle----- 1700 RPM
Mixture----- IDLE CUT-OFF
SECURE ENGINE

IF ENGINE FAILS TO START:

Throttle----- FULL OPEN
Mixture----- IDLE CUT-OFF
Starter----- CONTINUE CRANKING
SECURE ENGINE

SECURE ENGINE:

Master----- OFF
Magnetos----- OFF
Fuel Selector----- OFF
Fire Extinguisher ----- OBTAIN and EXTINGUISH FIRE

ELECTRICAL or CABIN FIRE IN FLIGHT

Master Switch-----OFF
All Radio/Electrics -----OFF
Vents/Cabin Air/Heat----- CLOSED
Fire Extinguisher----- ACTIVATE
Cabin----- VENTILATE

IF FIRE IS OUT AND ELECTRICAL IS REQUIRED FOR FLIGHT:

Circuit Breakers----- CHECK, DO NOT RESET
Master Switch-----ON
Radio/Electrics ----- ON AS REQUIRED

EXCESSIVE RATE OF CHARGE

OVER-VOLTAGE LIGHT ILLUMINATED

Master----- OFF
Alternator Circuit Breaker ----- CHECK IN
Master-----ON
Over-Voltage Light ----- CHECK OFF

If Over-Voltage Light Illuminates Again

AMMETER SHOWS DISCHARGE

AMMETER SHOWS DISCHARGE

Alternator----- OFF
Non-Essential Radio/Electrics----- OFF
Flight----- Land as Soon as Practicable