

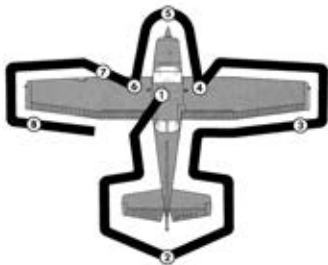
Cessna 150

Normal Procedures



Initial

Required Docs.....A.R.O.W.
Control Lock.....Remove
Hobbs / Tach Times.....Verify
Fuel Shutoff.....ON
Trim.....Takeoff
Mixture.....Idle Cutoff
Throttle.....Closed
Magnetos.....OFF
Avionics.....OFF
Master (ALT and BAT)ON
Fuel Qty (L and R)Check
Flaps.....Extend Full
All Light Switches.....ON
Pitot Heat.....ON
All Lights, Pitot Heat.....Check Operation
All Light Switches.....OFF
Pitot Heat.....OFF
Master Switch.....OFF
Emergency Checklist.....Accessible



Exterior

Fuel Quantity.....Check
Fuel Quality.....Check
Caps/Drains/Vents.....Check
Oil.....4-6 Quarts
Prop/Air Intake.....Check
Exhaust System.....Check
Surfaces and Controls.....Check, No Damage
Pitot & Static Ports.....Clear
Gear/Tires/Brakes.....Check
Antennas.....Check, No Damage
Stall Indicator.....Clear
Ties/Chocks.....Remove
Final Walk Around.....Complete

Before Start

Seatbelts.....ON
Doors.....Closed and Latched
Passenger Briefing.....S.A.F.E.T.Y.
Electrical Equipment.....OFF
Avionics.....OFF
Brakes.....Set

Starting Engine

Carb Heat.....Cold
Mixture.....Rich
Master (ALT and BAT).....ON
Beacon.....ON

If Engine Is Warm Skip To Hot Start

Cold Start

Primer.....Prime 1-2 Times

Hot Start

Throttle.....One Shot
Throttle.....Open ¼ Inch

Prop Area.....Clear
Magnetos.....Start
Throttle.....700-800 RPM
Oil Pressure.....Check
Ammeter.....Verify Charge
Avionics.....ON
Nav Lights.....ON
Mixture.....Lean for Taxi
Flaps.....Up

Pre-Taxi

ATIS/AWOS.....Listen
Altimeter.....Set
Attitude Indicator.....Set
Heading Indicator.....Set to Compass
Taxi Light.....ON
Brakes.....Test

*This checklist is not intended to replace
procedures found in the Pilot's Operating Handbook.
Always consult the POH in an emergency.*

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Run Up

Brakes.....Set
 Flight Controls.....Free & Correct
 Instruments.....Check
 Trim.....Takeoff
 Mixture.....Rich
 Fuel Selector Valve.....ON
 Throttle.....1700 RPM
 Magnetos.....Check L & R (Max 150, max difference 75)
 Vacuum.....Check
 Engine Gauges.....Check
 Amps / Volts.....Check
 Carb Heat.....Check
 Throttle.....Check Idle
 Throttle.....700-800 RPM
 Throttle Control Friction.....Set
 COM/NAV.....Set
 Transponder.....Set
Takeoff Briefing.....Complete
 Brakes.....Release

Pre-Takeoff

Flaps.....0-10
 Mixture.....Rich
 Carb Heat.....Cold
 Pitot Heat.....As Required
 Doors/Windows.....Closed
 Transponder.....Set
 Landing Light.....ON
 Strobe Lights.....ON
 Time.....Note

Takeoff

Throttle.....Full
 Rotate.....55 MPH
 Climb.....70-80 MPH
 Flaps.....(After Obstacles Cleared)...Up

Climb

Airspeed.....75-85 MPH
 Throttle.....Full
 Mixture.....Rich
 Instruments.....Check

Cruise

Level & Trim.....Set
 Power.....Cruise Set
 Mixture.....Lean
 Taxi/Landing Light.....As Desired
 Instruments.....Check

Descent

Power.....Set
 Mixture.....Adjust as needed
 ATIS/AWOS.....Listen
 Altimeter.....Set

Before Landing

Seatbelts.....ON
 Carb Heat.....ON
 Mixture.....Rich
 Landing Light.....ON

After Landing

Flaps.....Up
 Mixture.....Lean for Taxi
 Carb Heat.....Cold
 Trim.....Takeoff
 Landing Light.....OFF
 Strobe Lights.....OFF
 Pitot Heat.....OFF

Securing

Transponder.....1200
 Electrical Equipment.....(Except Beacon)....OFF
 Avionics.....OFF
 Throttle.....Idle
 Mixture.....Idle Cutoff
 Magnetos.....OFF
 Beacon.....OFF
 Master.....OFF
 Hobbs / Tach Times.....Record
 Control Lock.....Install

V Speeds

Vr.....55
 Vx.....64
 Vy.....78
 Vfe.....97
 Best Glide 69

Grand Prairie Airport VFR Departure/Arrival Procedures

Outbound Traffic 2,500 MSL
 Inbound Traffic 2,000 MSL
 Traffic Pattern Alt: 1,400 MSL
 RWY 36: Rgt t/c RWY 18: Lft t/c

KGPM TOWER: 128.55
GROUND: 121.15

EMERGENCY PROCEDURES

ENGINE FAILURES



ENGINE FAILURE DURING TAKEOFF ROLL

Throttle.....	Idle
Brakes.....	Apply
Flaps.....	Retract
Mixture.....	Idle Cutoff
Magnetos.....	Off
Master (ALT and BAT).....	Off

ENGINE FAILURE IMMEDIATELY AFTER TAKEOFF

A - Airspeed.....	70 MPH (with flaps up)
B - Best place to land.....	Straight or within 30°
C - Configure	
Mixture.....	Idle Cutoff
Fuel Shutoff Valve.....	Off
Magnetos.....	Off
Flaps.....	As Required
Master (ALT and BAT).....	Off
Cabin Door.....	Unlatch

ENGINE FAILURE DURING FLIGHT

A - Airspeed.....	70 MPH (with flaps up)
B - Best place to land.....	Pilot's Discretion
C - Configure	
Fuel Shutoff Valve.....	On
Mixture.....	Rich
Carb Heat.....	ON
Magnetos.....	L-R-Both
Engine Instruments.....	Check
D - Declare Emergency	
Squawk.....	7700
Contact.....	ATC or 121.5
Proceed to Forced Landing	

FORCED LANDINGS



FORCED LANDING WITHOUT ENGINE POWER

Seats/Seatbelts.....	Upright/Secure
Airspeed.....	70 MPH (with flaps up)
Mixture.....	Idle Cutoff
Fuel Shutoff Valve.....	Off
Magnetos.....	Off
Flaps.....	As Required
Master (ALT and BAT).....	Off (when landing assured)
Doors.....	Unlatch
Touchdown.....	Slightly Tail Low
Brakes.....	Apply

PRECAUTIONARY LANDING WITH POWER

Seats/Seatbelts.....	Upright/Secure
Airspeed.....	70 MPH
Flaps.....	20
Selected Field.....	Fly Over (noting terrain)
Avionics and Electrical Equipment.....	Off
Flaps.....	Full (on final approach)
Airspeed.....	65 MPH
Master (ALT and BAT).....	Off (when landing assured)
Doors.....	Unlatch
Touchdown.....	Slightly Tail Low
Mixture.....	Idle Cutoff
Magnetos.....	Off
Brakes.....	Apply

DITCHING

Radio.....	121.5
Transponder.....	7700
Seats/Seatbelts.....	Secure
Flaps.....	40 MPH
Power.....	300 ft/min descent at 65 MPH
If No Power.....	70 mph (Flaps Up)
Approach	
High Winds / Heavy Seas.....	Into Wind
Light Winds / Heavy Swells.....	Parallel to Swells
Doors.....	Unlatch
Touchdown.....	Level Attitude
Face Cushion at Touchdown	
ELT.....	Activate
Airplane.....	Evacuate Through Cabin Doors

FIRES



DURING START ON GROUND

Magnetos.....	Start (Continue Cranking)
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IF ENGINE STARTS

Power.....	1700 RPM (for a few minutes)
Engine.....	Shutdown (inspect for damage)

IF ENGINE FAILS TO START

Throttle.....	Full Open
Mixture.....	Idle Cutoff
Magnetos.....	Start (Continue Cranking)
Fuel Shutoff Valve.....	Off
Fire Extinguisher.....	Obtain
Master (ALT and BAT).....	Off
Magnetos.....	Off
Parking Brake.....	Release
Airplane.....	Evacuate
Fire.....	Extinguish

**Fires Continued
On Reverse Side**



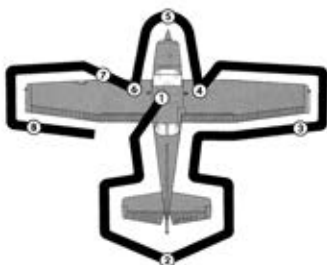
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Prop/Air Intake.....Check
Exhaust System.....Check
Surfaces and Controls.....Check, No Damage
Pitot & Static Ports.....Clear
Gear/Tires/Brakes.....Check
Antennas.....Check, No Damage
Stall Indicator.....Clear
Ties/Chocks.....Remove
Final Walk Around.....Complete

Before Start

Seatbelts.....ON
Doors.....Closed and Latched
Passenger Briefing.....S.A.F.E.T.Y.
Electrical Equipment.....OFF
Avionics.....OFF
Brakes.....Set

Starting Engine

Carb Heat.....Cold
Throttle.....Open 1/4 Inch
Mixture.....Rich
Master (ALT and BAT).....ON
Beacon.....ON

If Engine Is Warm Skip To Hot Start

Cold Start

Primer.....Prime 1-2 Times

Hot Start

Throttle.....One Shot

Prop Area.....Clear
Magnetos.....Start
Throttle.....700-800 RPM
Oil Pressure.....Check
Ammeter.....Verify Charge
Avionics.....ON
Nav Lights.....ON
Mixture.....Lean for Taxi
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