

Cessna C-172P N53262

INTERIOR	
Control Lock	- Remove
Ignition Switch	- OFF
Avionics Sw	- OFF
Master Switch	- ON
Fuel Gauges	- Check
Avionics Fan	- Listen
Flaps	- Down
Master Switch	- OFF
Alt Static	- IN
Baggage Door	- Secure

EXTERIOR INSPECTION	
Door	- Hinges, latches
Tail	Condition of:
	- Beacon
	- Elevator, movement
	- Rudder, movement
	Gust Lock Removed
	Tie Down Removed
Fuselage	- Condition
	- Top Surface
	- Underside

Right Wing: Check	
Flaps	- Hinges, screws
Aileron	- Hinges, screws
	- Movement
Tie Down	- Remove
Wheel	
	- General Condition
	- Inflation
Brake	- Pad wear
	- No hyd leak
Fuel Sump	- Quality
Fuel Quantity	- Check
	- Cap Secure

Nose	
Oil Qty	- Min 5 Qts
	- Door secure
Fuel Strain	- 4 sec, Quality
Propeller	- No nicks, dents
Spinner	- Cond, Security
Belt	- Tension, Cond
Ldg Light	- Cond, Clean
Intake, Filter	- Clean, Clear
Strut, Tire	- Cond, inflation
Exhaust	- Secure
Cowling	- Secure
Windshield	- Clean, clear
Tie Down	Removed
Static Port	- Clear

Left Wing: Check	
	Same as Right
Pitot Tube	- Clear
Fuel Vent	- Clear
Stall Horn	- Check

BEFORE ENTERING AIRCRAFT	
Flaps	- Symmetric
Tie Downs	- Removed
Tow Bar	- Removed
Chocks	- Removed
Taxi Route	- Clear
Prop Blast	- Clear

INTERIOR	
Passengers	- Brief
Hobbs/Tach	- Record
Seat/Belt/Harness	- Locked
Fuel Selector	- Both
Avionics Sw, Electrics	- OFF
Brakes	- Test and Set
Circuit Breakers	- In

START	
Mixture	- Full Rich
Carb Heat	- In (Cold)
Beacon	- ON
Master	- ON
Prime	- As Required
Throttle	- Open 1/8"
Propeller	- Clear
Brakes	- Set / Hold
Ignition Switch	- START
After Start:	
Oil Pressure	- Check
Lights	- As Required
Avionics Sw	- ON
Radios	- ON

BEFORE TAXI	
Flaps	- UP
Heat / Vents	- As Required
Avionics	- ON, Set
Transponder	- ALT
ATIS/AWOS	- Obtain
Altimeter	- SET
Attitude Indic.	- SET
Hdg Indicator	- Compass
Brakes	- Check

RUNUP	
Brakes	- Set / Held
Doors/Window	- Closed/Lock
Fuel Selector	- Both
Mixture	- Rich
Throttle	- 1700 RPM
Mag Check	- 125 drop, 50 diff
Carb Heat	- Check
Engine Inst	- Check
Ammeter	- Check
Vacuum	- Check
Throttle	- Idle Check
	- 1000 RPM or less
Strobe Lights	- As desired
Throttle Friction	- Adjust
Parking Brake	- OFF

BEFORE TAKEOFF	
Flight Controls	
	- Free & Correct
Flaps	- 0° to 10°
Trim	
	- Set for Takeoff
Instruments	- SET
Transponder	- Code
Carb Heat	- Cold
Pitot Heat	- As Required
Landing Light	- As Desired
Brief	- Accomplish

TAKEOFF	
Rotate	- 55 KIAS
Climb	- 70-80 KIAS
Flaps	- UP

CLIMB	
Airspeed	- 70-85 KIAS
Throttle	- Full Open
Mixture	- Rich below 3000

CRUISE	
Power	- 2100-2700
Trim	- As Required
Mixture	- Lean

DESCENT	
Fuel Selector	- Both
Mixture	- Adjust
	- Full Rich @ Idle
Carb Heat	- Full Heat As Req
ATIS/AWOS	- Obtain
Instruments	- Check

BEFORE LANDING	
Landing Light	- As Required
Fuel Selector	- BOTH
Belts/Harness	- Secure
Mixture	- Rich
Carb Heat	- ON before
	reducing power
Flaps	- As Required

AFTER LANDING	
Flaps	- Up
Carb Heat	- OFF
Pitot Heat	- OFF
Trim	- Takeoff

SHUTDOWN	
Parking Brake	- SET
Avionics Sw, Electrics	- OFF
Mixture	- Idle cutoff
Ignition Sw	- OFF after prop stop
Master	- OFF
Hobbs/Tach	- Record
Secure Aircraft	

Close Flight Plan

Cessna C-172P N53262

POWER LOSS AFTER TAKEOFF	
Best Glide	- 65 KIAS, flaps up - 60 KIAS, flaps dn
Secure Engine	Mixture - Cutoff Fuel Selector - OFF Ignition - OFF
Flaps	- As Required
Master	- OFF
Doors	- Unlatch

POWER LOSS IN FLIGHT	
Best Glide	- 65 KIAS
Prepare for Landing	
Attempt Restart	Carb Heat - ON Fuel Selector - ON Mixture - Full Rich Ignition - Both Primer - In/Locked
Forced Landing	- Accomplish

ENGINE FIRE IN FLIGHT	
Secure Engine	Mixture - Idle Cutoff Fuel Selector - OFF Master - OFF
Cabin Heat/Air	- OFF
Airspeed	- 100 Kts or more
Forced Landing	- Accomplish

FORCED LANDING	
Best Glide	- 65 KIAS, flaps up - 60 KIAS, flaps dn
Secure Engine	Mixture - Cutoff Fuel Selector - OFF Ignition - OFF
Flaps	- As Required
Master	- OFF
Doors	- Unlatch

ELECTRICAL FIRE IN FLIGHT	
Master Switch	- OFF
Avionics Pwr Sw	- OFF
All but Ignition	- OFF
Heat/Air/Vents	- Closed
Extinguisher	- Activate
If electrics required to recover:	
Master	- On
Circuit Breakers	- Check
Radios	- OFF
Avionics Pwr Sw	- ON
Equipment:	- On, one at a time
Vents	- Open after extinguished

CABIN FIRE	
Master Switch	- OFF
Heat/Air/Vents	- Closed
Extinguisher	- Activate
Land	as soon as possible

WING FIRE	
Nav Light Switch	- OFF
Pitot Ht Switch	- OFF
Strobe Lt Switch	- OFF
Sideslip	to keep flames away from cabin/fuel tank
Land	- Flaps only as required

ENGINE FIRE DURING START	
Continue Cranking Engine	
If engine no start:	
Continue Cranking Engine	Throttle - MAX Mixture - Cutoff Master - OFF Ignition - OFF Fuel Selector - OFF
If engine starts	
Run / Shutdown / Inspect	

Aircraft Data	
Vrotate	55 KIAS
Vx	60 KIAS
Vy	76 KIAS
Vs0	33 KIAS
Vs1	44 KIAS
Glide (max gross)	65 KIAS
Vne	158 KIAS
Vfe	
10°	110 KIAS
10-30°	85 KIAS

Final	KIAS
Flaps Up	65-75
Flaps Dn	60-70