

CESSNA 172 | G1000

Quick Reference Checklist



ATIS	124.05	Ground Tower	121.80	Air to Air	122.75
RFS Unicom	122.77		118.50	SEA Approach	120.1

BEFORE START

Departure Briefing	Perform
Preflight Inspection	Perform
Pax Briefing	Perform
Seats/Belts	Secure
Fuel Selector	BOTH
Fuel Shutoff	ON
Mixture	Idle Cutoff
Throttle	Open 1/4 Inch
Circuit Breakers	In
Electrical Equipment	OFF
STBY Battery	TEST/ARM
Engine Instruments	Check
BUS E Volts	24 Min
M Bus Volts	1.5 or Less
Batt S Amps	Discharge
STBY BATT Annun	Check

ENGINE START

Master Switches	ON
Beacon	ON
Prime	As Req'd
Magnetos	Start
Mixture	Advance
Throttle	1000 RPM
Oil Pressure	Check
AMPS (M BATT & BATT S)	Check
Low Volts Anunnciator	Check

AFTER START

Avionics Switches	ON
Lights	As Req'd
Circuit Breakers	In
Mixture	Lean
Flaps	Retract
ATIS/AWOS	Obtain
Transponder	ALT/1200

BEFORE TAKEOFF

Flight Controls	Free & Correct
Flight Instruments	Check
Standby Instruments	Check
Comms	Set
Navs	Set
Autopilot	Check
Engine Instruments	Check
Fuel Selector	Both
Elevator Trim	T/O
Mixture	Rich
Engine Runup	Perform
Magnetos	150/50
Engine Instruments	Check
Annunciators	Check
Throttle	Idle Check
Cabin Pwr	OFF
Doors / Windows	Closed
Seats/Belts	Secure
Takeoff Briefing	Perform

TAKEOFF

Flaps	Up - 10
Mixture	Rich
Lights	As Req'd

AFTER TAKEOFF

Flaps	Up
Mixture	Lean > 3K

CRUISE

Power	Set
Mixture	Set
Trim	Set
Lights	As Req'd

DESCENT

ATIS/AWOS	Obtain
Altimeter	Set
Nav	Set
Lights	As Req'd
Cabin Pwr	OFF
Mixture	As Req'd
Approach Briefing	

BEFORE LANDING

Seats/Belts	Secure
Fuel Selector	BOTH
Mixture	Rich
Autopilot	OFF

AFTER LANDING

Flaps	Retract
Lights	As Req'd
Mixture	Lean
Elevator Trim	T/O
Pitot Heat	Off

PARKING

Avionics Switches	OFF
Magneto Check	Perform
Mixture	Idle Cutoff
Magnetos	OFF
Electrical Equipment	OFF
Hobbs/Tach	Record
Master Switches	OFF
STBY BATT	OFF
Control Lock	Install
Aircraft	Secure

WHAT ARE OUR THREATS?

AIRCRAFT Systems Scheduled MX Performance	AIRPORT/RUNWAY Contamination Construction Hotspots Familiarity	ENVIRONMENT Visibility Winds Precipitation Turbulence Terrain Night	DISPATCH Schedule Pressure Delays Ground Handling	CREW ELEMENTS Fatigue Onset Proficiency Experience Recency	ATC Congestion Route Changes
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CRUISE POWER SETTINGS

2300 RPM	7.7 GPH	54%
2400 RPM	8.5 GPH	61%
2550 RPM	9.9 GPH	73%

ENGINE FAILURE

DURING TAKEOFF	
Throttle Control	Idle
Brakes	Apply
Wing Flaps	Retract
Mixture Control	Idle Cutoff
Magnetos	Off
STBY BATT Switch	Off
Master Switch (ALT & BAT)	Off

AFTER TAKEOFF	
Airspeed	70 KIAS Flaps Up
	65 KIAS Flaps 10° - Full
Mixture Control	Idle Cutoff
Fuel Shutoff Valve	Off
Magnetos	Off
Wing Flaps	As Req'd
STBY BATT Switch	Off
Master Switch (ALT & BAT)	Off
Cabin Door	Unlatch
Land	Straight Ahead

IN FLIGHT	
Airspeed	68 KIAS
Fuel Shutoff Valve	On
Fuel Selector Valve	Both
Mixture	Rich
Auxiliary Fuel Pump	On
Magnetos	Check
Forced Landing Checklist	

FIRE

DURING START ON GROUND	
Magnetos	Start
If Engine Starts:	
Set RPM 1800 for 2 Minutes	
Shutdown Engine	
If Engine Fails to Start:	
Throttle Control	Full
Mixture	Idle Cutoff
Magnetos	Start
Fuel Shutoff Valve	Off
Fuel Pump Switch	Off
Magnetos	Off
STBY BATT Switch	Off
Master Switch (ALT & BAT)	Off
Engine	Secure
Parking Brake	Release
Fire Extinguisher	Obtain
Airplane	Evacuate
Fire	Extinguish
Fire Damage	Inspect

ENGINE FIRE IN FLIGHT	
Mixture	Idle Cutoff
Fuel Shutoff Valve	Off
Fuel Pump Switch	Off
Master Switch (ALT & BAT)	Off
Cabin Heat and Air	Off
Airspeed	100+ KIAS
Forced Landing Checklist	

ELECTRICAL FIRE IN FLIGHT	
STBY BATT Switch	Off
Master Switch (ALT & BAT)	Off
Vents/Cabin Air/Heat	Closed
Fire Extinguisher	Activate
AVN Switch (BUS 1 & BUS 2)	Off
All Other Switches (Ex. Mags) Off	
<i>After the fire extinguisher has been used, make sure that the fire is extinguished before exterior air is used to remove smoke from the cabin.</i>	

CABIN FIRE	
STBY BATT Switch	Off
Master Switch (ALT & BAT)	Off
Vents/Cabin Air/Heat	Closed
Fire Extinguisher	Activate
<i>After the fire extinguisher has been used, make sure that the fire is extinguished before exterior air is used to remove smoke from the cabin.</i>	
Vents/Cabin Air/Heat	Open
Land	As Soon as Possible

Vents/Cabin Air/Heat	Open
Circuit Breakers	Check
<i>If fire has been extinguished and electrical power is necessary for continued flight to nearest suitable airport or landing area.</i>	
Master Switch (ALT & BAT)	On
STBY BATT Switch	On
AVN Switch (BUS 1 & BUS 2)	On

WING FIRE	
Landing & Taxi Lights	Off
Nav & Strobe Lights	Off
Pitot Heat	Off
Sideslip as Necessary	

FORCED LANDING

NO ENGINE POWER	
Seats	Most Upright Position
Seats/Belts	Secure
Airspeed	70 KIAS Flaps Up
	65 KIAS Flaps 10° - Full
Mixture Control	Idle Cutoff
Fuel Shutoff Valve	Off
Magnetos	Off
Wing Flaps	As Req'd
STBY BATT Switch	Off
Master Switch (ALT & BAT)	Off
Doors	Unlatch
Touchdown	Slightly Tail Low
Brakes	Apply Heavily

WITH ENGINE POWER	
Seats	Most Upright Position
Seats/Belts	Secure
Airspeed	65 KIAS
Wing Flaps	20°
Selected Field	Fly Over
<i>Note Terrain and Obstructions.</i>	
Wing Flaps	Full
Airspeed	65 KIAS
STBY BATT Switch	Off
Master Switch (ALT & BAT)	Off
Doors	Unlatch
Touchdown	Tail Slightly Low
Mixture	Idle Cutoff
Magnetos	Off
Brakes	Apply Heavily

WATER DITCHING	
Transmit Mayday	121.5 MHz
Transponder	Squawk 7700
Heavy Objects	Secure/Jettison
Seats	Most Upright Position
Seats/Belts	Secure
Wing Flap	20°
Power	↓300Ft/Min @ 55 KIAS
Approach	Into the Wind
Cabin Doors	Unlatch
Touchdown	Level & Stabilized
Face	Cushion at Touchdown
ELT	Activate
Airplane	Evacuate
Life Vest	Inflate Clear of Plane

ICING

DURING FLIGHT	
Pitot Heat	On
Adj. Altitude	Warmer Temp.
Cabin Heat	Full Out
Defroster Outlets	Open
Cabin Air	Max. Defroster/Heat
Continue	QRH 7-1

STATIC PORT ICING	
Alt. Static Air Valve	Pull On
Cabin Heat	Pull On
Cabin Air Knobs	Pull On
Vents	Closed
Airspeed	Refer to QRH 7-2