

CESSNA 162 | G300

Quick Reference Checklist



BEFORE START		BEFORE TAKEOFF		DESCENT	
Departure Briefing	Complete	Flight Controls	Free and Correct	ATIS/AWOS	Obtain
Preflight Inspection	Complete	Fuel Quantity	Check	Altimeter	Set
Passenger Briefing	Complete	Elevator Trim	T/O	Lights	As Required
Seat Belts	Secure	Flight Instruments	Check	Carb Heat	As Required
Rudder Pedals	Adjust	Altimeter	Set	Mixture	As Required
Flaps	Up	Comms/Navs	Set for Dept	Approach Briefing	Complete
Fuel Shutoff	In	Engine Instruments	Check	BEFORE LANDING	
Carb Heat	Off	Cabin Doors	(4) Locked		
Circuit Breakers	In	Mixture	Rich		
Electrical Equipment	Off	Engine Runup	Perform	Seat Belts	Secure
ENGINE START		Engine Instruments	Check	Mixture	Rich
Master Switch	On	Magnetos	150/50	Carb Heat	As Required
Avionics Master	Off	Carb Heat	Check, then Off	AFTER LANDING	
Strobe Lights	On	Throttle	Idle Check		
Engine Instruments	No Red X	Takeoff Briefing	Complete		
Mixture	Rich	TAKEOFF		Flaps	Up
Throttle	Prime - 1/4 Inch	Doors	(4) Locked	Elevator Trim	T/O
Prop Area	Clear	Flaps	Up - 10°	Carb Heat	Off
Doors	(4) Locked	Mixture	Rich	Mixture	Lean
Magnetos	Start	Lights	As Required	Lights	As Required
Throttle	1000 RPM	AFTER TAKEOFF		SHUTDOWN	
Engine Instruments	Check	Flaps	Up	Avionics Master	Off
AFTER START		Mixture	Lean >3k	Mixture	Idle Cutoff
Lights	(Strobe/Off)(Nav/On)	CRUISE		Lights	Off
Avionics Master	On	Power	Set	Magnetos	Off
Circuit Breakers	In	Mixture	Set	Hobbs/Tach	Record
Mixture	Lean	Trim	Set	Master Switch	Off
Transponder	ALT/1200	Lights	As Required	Control Lock	Install
ATIS/AWOS	Obtain			Aircraft	Secure

WHAT ARE OUR THREATS?

AIRCRAFT

Systems
Scheduled MX
Performance

AIRPORT/RUNWAY

Contamination
Construction
Hotspots
Familiarity
Complexity

ENVIRONMENT

Visibility
Winds
Precipitation
Turbulence
Terrain
Night

DISPATCH

Schedule Pressure
Delays
Ground Handling

CREW ELEMENTS

Fatigue Onset
Proficiency
Experience
Recency

ATC

Congestion
Route Changes

CRUISE POWER SETTINGS

2350 RPM	4.5 GPH	47%
2550 RPM	5.5 GPH	59%
2750 RPM	6.7 GPH	75%

Vso 37 Vs1 41 Vr 50 Vx 57 Vy 62 Va 80-102 Vfe30° 70 Vfe10° 100 Vno 124 Vne 148 X-Wind 12

ENGINE FAILURE

DURING TAKEOFF

Throttle Control	Idle
Brakes	Apply
Wing Flaps	Retract
Mixture Control	Idle Cutoff
Magnetos	Off
Master Switch (Alt & Batt)	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 Required
Master Switch (Alt & Batt)	Off
Land	Straight Ahead
Doors	Open Before Touchdown

IN FLIGHT

Airspeed	70 KIAS
Throttle Control	Idle
Carb Heat	On
Fuel Shutoff Valve	On
Mixture	Rich
Primer (if installed)	In and Locked
Magnetos	Check
Forced Landing Checklist	Perform

FIRE

DURING START

Magnetos	Start
If Engine Starts:	
Throttle	1800 for 2 Minutes
Shutdown Checklist	Perform
If Engine Fails to Start:	
Throttle Control	Full
Mixture	Idle Cutoff
Magnetos	Continue to Crank
Master Switch (Alt & Batt)	Off
Engine	Secure
Parking Brake	Release
Fire Extinguisher	Obtain
Airplane	Evacuate
Fire	Extinguish
Airplane	Inspect for Damage

WING FIRE

Landing Light	Off
Nav Lights	Off
Strobe Lights	Off
Sideslip as Necessary	

ENGINE FIRE IN FLIGHT

Mixture	Idle Cutoff
Fuel Shutoff Valve	Off
Master Switch (Alt & Batt)	Off
Cabin Heat	Off
Cabin Air	Open
Airspeed	85+ KIAS
Forced Landing Checklist	Perform

CABIN FIRE

Master Switch (Alt & Batt)	Off
Vents/Cabin 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 Heat	Open
Land	As Soon As Possible

ELECTRICAL FIRE IN FLIGHT

Master Switch (Alt & Batt)	Off
Vents/Cabin Heat	Closed
Fire Extinguisher	Obtain & Use
Avionics Master Switch	Off
Magnetos	On
All Other Switches	Off
If Fire Not Extinguished:	
Master Switch (Alt & Batt)	On
Execute Rapid Descent	
Transmit Mayday	121.5 MHz
Avionics Master Switch	Off
Forced Landing Checklist	Perform
If Fire Extinguished:	
Vents/Cabin Heat	Open
Circuit Breakers	Check
Master Switch (Alt & Batt)	On
Avionics Master Switch	On
Land	As Soon As Possible

FORCED LANDING

NO ENGINE POWER

Seats/Belts	Secure
Airspeed	70 KIAS Flaps Up
	65 KIAS Flaps 10° - Full
Mixture Control	Idle Cutoff
Fuel Shutoff Valve	Off
Transmit Mayday	121.5 MHz
Magnetos	Off
Wing Flaps	As Required
Master Switch (Alt & Batt)	Off
ELT	Activate
Doors	Open Before Touchdown
Touchdown	Slightly Tail Low
Brakes	Apply Heavily

WITH ENGINE POWER

Seats/Belts	Secure
Airspeed	70 KIAS
Wing Flaps	10° or 25°
Transmit Mayday	121.5 MHz
Selected Field	Fly Over
<i>Note Terrain and Obstructions</i>	
Wing Flaps	Full
Airspeed	60 KIAS
Master Switch (Alt & Batt)	Off
ELT	Activate
Doors	Open Before Touchdown
Touchdown	Slightly Tail Low
Mixture	Idle Cutoff
Magnetos	Off
Brakes	Apply Heavily

WATER DITCHING

Transmit Mayday	121.5 MHz
Heavy Objects	Secure
Seats/Belts	Secure
Wing Flaps	25° - Full
Power	↓300ft/Min @ 60 KIAS
Approach	Into the Wind
Cabin Doors	Unlatch
Touchdown	Level & Stabilized
Brace Position	Before Touchdown
ELT	Activate
Airplane	Evacuate

ICING

DURING FLIGHT

Turn Around	Exit Icing Cond.
Cabin Heat	Pull On
A/P (if installed)	Disconnect
Carb Heat	As Required
Pitot Tube	Ceek for Ice
Continue	QRH 7-1