

TAXI AND PRE-TAKE OFF CHECKS

Taxi LightsAs necessary
BrakesTest
Nosewheel SteeringCheck
Flight InstrumentsCheck
Oil Pressures and TemperaturesGreen Area
TrimsSet for takeoff
FlapsSet for takeoff
Reserve PowerAs necessary
Crew BriefingComplete

RUNWAY CHECKS

(0) CMWS Safety PinRemove
Air ConditioningOFF, EIs horiz
LightsAs necessary
IgnitionsAs necessary
Pitot, Static, StallON
Anti-icingAs necessary
Control LocksUNLOCKED
Flight Data RecorderDDI
Transponder, TCAS, Radar, ClockSet
Warning LightsOff
Prop LeversMAX
Fuel LeversFLIGHT

AFTER TAKEOFF CHECKS

Landing GearUP
LightsAs necessary
FlapsAs necessary
Reserve PowerAs necessary
PowerSet
Prop Sync.....As necessary
Air Conditioning.....As necessary

(Allow ITT/TQ to stabilize before 2nd bleed ON)

Cargo Compartment / EnginesCheck
(0) CMWS Safe/Arm SwitchARM, "R" on
IgnitionsAs necessary

CRUISE CHECKS

Air ConditioningAs necessary
Cabin SignsAs necessary
Cruise PowerSet
Cargo Compartment / EnginesCheck
Trend MonitoringAs necessary
Fuel CheckComplete
IgnitionsAs necessary

DESCENT CHECKS

AltimetersSet
LightsAs necessary
FuelBalanced
Anti-icingAs necessary
PerformanceWeight, Speeds,
GA power
Approach BriefingComplete
Avionics, TCAS, GPWS, Radar Alt.Set
Cargo CompartmentSecure
IgnitionsAs necessary

TACTICAL APPROACH/LANDING CHECKS

Landing Gear DOWN, 3 green
Prop Levers As necessary
Flaps On speed
Brakes Test, no pressure

TACTICAL FINAL LANDING CHECKS

Auto-Pilot / Yaw Damper Disengage
Landing Gear DOWN, 3 green
confirmed
Prop Levers MAX
Flaps As necessary
Runway Clear

APPROACH CHECKS

Cabin Signs As necessary
Landing Gear DOWN, 3 green
Flaps 10
Brakes Test, no pressure

LANDING CHECKS

Air Conditioning OFF
Landing and Taxi Lights As necessary
Prop Sync OFF
Prop Levers MAX
Flaps 15

FINAL LANDING CHECKS

Auto-Pilot / Yaw Damper Disengage
Landing Gear DOWN, 3 green
confirmed
Flaps As necessary

AFTER LANDING CHECKS

Fuel Levers GROUND
Prop Levers TAXI
Control Locks..... LOCKED
Flaps UP
Transponder and Radar STBY
Landing / Taxi / Strobe Lights As necessary
Ignitions OFF
Anti-icing OFF
(0) CMWS Safe/Arm Switch SAFE
(0) CMWS Safety Pin Inserted
(0) CMWS Power Switch (last flight)..... OFF
Air Conditioning As necessary

SINGLE ENGINE TAXI CHECKS

Shedding Buses..... Emergency
Left Generator..... OFF
(PNF)Start Master Armed (restart)
Normal (shutdown)
Left Power Lever..... FLIGHT IDLE
(PNF)Left Fuel Lever..... OFF
(PNF)Left Prop Lever FEATHER

ENGINE FIRE

(PNF)	Ignition Switches	EMERGENCY
	Autopilot / Yaw Damper	Disengage
(PNF)	Fire Bell	Cancel
(PNF)	Fire	Confirm
(PNF)	Fuel Lever	Confirm, OFF
(PNF)	Prop Lever	Confirm,
		FEATHER
(PNF)	LP Valve	Confirm, SHUT
(PNF)	Fire Extinguisher	SHOT 1
(PNF)	Fire Warning	OFF
	Fire Extinguisher	SHOT 2
		(If necessary, after 25 sec.)

CONTINUED TAKEOFF (ENGINE FAILURE AFTER V1)

	Accelerate to Vr	Rotate
	Gear (positive climb)	UP/confirm RTOP
(PNF)	Ignition Switches	EMERGENCY
	Airspeed	V ₂

At a safe altitude, 500' minimum:

	Failed Engine	Identify
(PNF)	Failed Engine	Verify
	Engine Shutdown Checks	Perform
	After Shutdown Checks	Perform
	After Takeoff Checks	Perform

1500 feet AGL minimum, either:

In traffic pattern –

Accelerate	Maintain altitude
Flaps	10 passing V _{YSE}
Reserve Power System	OFF passing 130
Power Levers	Adjust as required

Or, for continued climb –

Accelerate	Maintain V _{YSE}
Flaps	10
Reserve Power System	OFF, after 5 min.
Power Levers	Set MCP

ENGINE FAILURE ENROUTE

(PNF)	Ignition Switches	EMERGENCY
	Autopilot / Yaw Damper	DISENGAGE
	Power Levers	Adjust as req.
	Failing Engine	Identify
(PNF)	Failing Engine	Verify
(PNF)	Prop Levers	MAX, below 150
	Power Levers	Set MCP

Pitch to maintain altitude. If below 125 KIAS:

(PNF)	Flaps	10
	Minimum Airspeed	V _{YSE} , Drift down
	Engine Shutdown, After Shutdown Cks ..	Perform

ENGINE FAILURE ON FINAL APPROACH

(PNF)	Ignition Switches	EMERGENCY
	Power Levers	Adjust as req.
(PNF)	Landing Gear, Flaps	Confirm
(PNF)	Rudder Trim	Neutral
	Engine Shutdown Checks	Perform, if poss.

ENGINE SHUTDOWN CHECKS

Fuel Lever	Confirm, OFF
Prop Lever	Confirm, Feather
LP Valve	Confirm, SHUT

AFTER SHUTDOWN CHECKS

Prop Sync	OFF
Air Conditioning (Failed Engine)	OFF
Hydraulic Pump Inlet EI (Failed Engine)	Horizontal
Booster Pump (Failed Engine)	Confirm, OFF
Intake & Prop Anti-icing (Failed Engine)	OFF
Volt/Amp Meters	Check
Generator (Failed Engine)	Confirm, COUPLE
Shedding Bus (Failed Engine)	Confirm, O/RIDE
Anti-ice Vane Switch (Failed Engine)	ON
Ignition (Failed Engine)	OFF
Volt/Amp Meters	Turn off loads to keep amps less than continuous limit
Fuel Balance	Adjust, refer to CL
Autopilot	As required

FLAPS NOT SYMMETRICAL

Flap Selector Lever	Return to previously selected position.
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If the flaps are still not symmetrical:

Flap Selector Lever	Select flaps 0
DO NOT MAKE ANY FURTHER FLAP SELECTIONS.	
INHIBIT GEAR/FLAP on GPWS.	

BRAKE FAILURE - Taxiing

Emergency Brake System	EMERGENCY
If the defect continues:	
Power Levers	REVERSE
Prop Levers	MAX
The co-pilot must also try to stop the aircraft.	
When Emergency Brake pressure is at 1500 psi, stop the aircraft.	

REJECTED TAKEOFF

Power Levers	FLIGHT IDLE, Set GROUND FINE as req.
Brakes	As required
Nosewheel Steering	As required