



**PRE-FLIGHT / BEFORE START**

- Parking Brake..... SET
- Battery/Standby Power..... On/Auto - Guard Closed
- Emergency Exit Lights..... Auto – Guard Closed
- Ground Power..... Confirm Connected
- Lights..... As Required
- IRS..... Set to NAV
- Warning/Caution/Fire/Oxygen Tests..... Completed
- Pax Signs..... AUTO
- Elec Hydraulic Pumps..... ON
- Yaw Damper..... ON
- Window Heat..... ON
- L AFT Fuel Pump..... ON
- APU..... Start & Monitor
- APU Gens..... ON & Generating Power
- APU Bleed..... After 1 Min – Set ON
- Packs..... AUTO
- Isolation Valve..... OPEN

**----- SET FMC / Obtain Clearance -----**

- Altimeter..... SET
- Transponder..... SET
- Fuelling / Loading / Boarding..... Completed
- Take Off Data..... SET
- Cruise Altitude Press. Panel..... SET
- Landing Altitude Press. Panel..... SET
- MCP..... SET

**DEPARTURE – BRIEFED & CHECKED**

- Flight Directors..... ON
- Radios ..... Frequencies SET

**Check:**

- *DOORS CLOSED*
- *GND EQUIP. CLEAR*
- *CHOCKS REMOVED*

*REQUEST PUSH & START CLEARANCE*

- Anti-Collision Light..... ON

*CHECK CLEAR - BOTH SIDES*

**BEGIN PUSHBACK & ENGINE START**

**ENGINE START**

- Fuel Pumps..... ON / As Req'd
- Packs..... OFF
- Ignition Mode Selector..... Set BOTH
- ENG 2 Start Switch..... GND
- At N2 20-25% - ENG 2 Fuel Control Lever..... RUN

*REPEAT FOR ENG 1 – THEN WHEN STABLE:*

- GENs 1 & 2..... ON & CHECK
- ENG 1 & 2 Start Switches..... AUTO/CONT
- Probe Heat..... ON
- Wing / Engine Anti-Ice.....As Required
- ENG 1 & 2 Bleeds..... ON
- Packs..... Set AUTO
- Recirc Fans..... Set AUTO
- Isolation Valve..... Set AUTO
- APU Bleed & APU..... OFF
- FLAPS..... As Required
- Elevator Trim..... As Required
- Flight Controls..... Full & Free
- Engine Instruments..... Checked
- LNAV + VNAV..... Armed / As Req'd
- Autothrottle..... ARM
- Warning Recall..... CHECK

*REQUEST TAXI*

**TAXI**

- TAXI Lights..... ON
- Autobrake..... Set RTO

*CHECK BRAKES / COMPASS / GYRO*

**PRE-DEPARTURE at the hold**

- Fuel Flow..... Reset then Rate
- Vspeeds..... Check
- MCP / Nav Data / Radios..... Check

*OBTAIN TAKE-OFF CLEARANCE*

**TAKEOFF**

- POS LIGHTS..... SET Strobe & Steady
- Taxi Lights..... OFF
- Landing & Runway Turnoff Lights..... ON
- Transponder..... Set TA/RA
- TFC..... Set ON
- Clock..... START
- Runway..... Confirm



**AFTER TAKEOFF**

Positive Rate..... GEAR UP

*SUFFICIENT ALTITUDE / WINGS LEVEL*

Autopilot..... CMD A Engage

Autobrake..... OFF

Gear Lever..... Set OFF

ENG Start Switched..... Set OFF / AUTO

Runway Turnoff Lights..... OFF

Flaps..... RETRACT as Appropriate

Cabin Pressure..... Check Pressurising Normally

*PASSING TRANSITION ALTITUDE*

Altimeter..... Set STD

*PASSING 10,000ft*

Landing Lights..... OFF

Cabin Pressure..... Check Pressurising

Seatbelt Signs / Cabin Lights..... As Required

**DESCENT**

Destination Weather..... Obtained

Arrival Data..... SET

Landing Altitude..... Check

Radios..... SET

LOC / ILS Frequency / Course..... SET

Wing / Engine Anti-Ice..... As Required

Warning Recall..... CHECK

MCP..... Reset Altitude

Altimeter..... SET

Minimums..... SET

Approach & Missed Approach..... BRIEFED

Autobrake..... SET as required

*BELOW TRANSITION ALTITUDE*

Altimeter..... Set Local QNH/QFE

*BELOW 10,000ft*

Cabin Pressure..... Check Depressurising Normally

Landing Lights..... ON

Runway Turnoff Lights..... ON

Seatbelt Signs / Cabin Lights..... As Required

*CONFIRM ATIS / APPROACH*

**APPROACH**

NAV Course / Frequency..... CHECK

Speeds..... In Limits

Speed Brake..... ARM

APP Mode..... ARM if required

GLIDESLOPE Alive..... GEAR DOWN

FLAPS..... Check Speed - SET 15

ENG 1 & 2 Start Modes..... AUTO/CONT

Landing Gear..... CONFIRM DOWN

Autopilot..... Engage CMD B (ILS)

FLAPS..... SET for LANDING

Go Around Altitude..... SET

Autopilot / Auto Throttle..... As Required

*MONITOR – BE PREPARED TO GO AROUND*

**AFTER LANDING**

Flaps.....UP

Speedbrake..... RETRACT

Transponder..... As Required

POS Lights..... STEADY

Landing & Runway Turnoff Lights..... OFF

Taxi Lights..... ON

APU..... START & BLEED

Anti-Ice..... As Required

Probe Heat..... OFF

ENG Start Switches..... OFF / AUTO

Autobrake..... OFF

*UPON ARRIVAL AT STAND/PARKING*

Taxi Lights..... OFF

APU GEN..... SET ON & CHECK

Parking Brake..... SET

**SHUTDOWN**

Fuel Control Levers..... OFF

Anti Collision Lights..... OFF

Ground Equipment (FMC)..... In Position

Fuel Pumps..... As Required

Isolation Valve..... OPEN

Flight Directors..... OFF

*CONSIDER SWITCHING TO GPU  
AND TURNING APU OFF*