

**POWER OFF-PRESTART**

Preflight Inspection.....Complete  
 Parking Brake.....1<sup>st</sup> Detent  
 Circuit Breakers.....Checked/In  
 Audio Panels.....Set  
 Oxygen QTY/Pax Selector.....CKD/NORM  
 Fire Handles.....In  
 Fire Extinguishers Switch (6).....Safe  
 Radar.....OFF  
 STBY Pump.....OFF  
 Power Levers.....Cut Off  
 Airbrake.....Retracted  
 Slats/Flaps.....Set  
 RTU.....Off  
 Anti-Ice/Bleed Air Panels.....Off / Set  
 Start Selectors .....Gnd Start  
 Eng Computers.....AUTO  
 Man Pres/Dump Sw.....GRN Arc/Guarded  
 Landing Gear.....Down  
 EMER Gear Handle.....In/Locked  
 GPWS Flap O'Ride.....Guarded  
 Pitot Static Selectors.....Normal  
 Nose Lever.....Open  
 Generators (3).....ON  
 Exterior Power Switch.....Normal

**POWER On-PRESTART**

Batteries.....ON  
 Voltage.....Checked  
 BATT 1&2.....Lights Out  
 BUS TIE.....Tied/LT ON  
 C and D Buses.....ON  
 External Lights.....NAV (As Req'd)  
 Fire Warnings.....Tested  
 Failure Warning Panel Lights.....Tested  
 Landing Gear Panel.....Tested  
 T/O Config/#2 Eng Fail Lts.....Tested

**APU START**

#2 Fuel Boost Pump.....On/Lt Out  
 APU Master.....On/Illuminated  
 APU GEN.....ON  
*\*Wait for start button to illuminate then\**  
 APU Start/Stop.....Push 1 Sec.  
 APU RPM/EGT.....Monitor  
 GEN Output/Batteries.....CHKD/Charging  
 Inverters.....Checked/ON  
 EFIS/Radio Masters.....ON  
 RTU's.....ON  
 IRS/FMS.....NAV, then INITIALIZE  
 Clocks.....Zero/SET  
 EMER/EXIT Lights.....Checked/ Armed  
 STBY Horizon.....Uncaged  
 EMER BATT.....ON  
 Fuel Counter/ Gross Weight.....Reset

Vmo/CAB Warnings.....Test  
 BATT Temp Indicator.....Test  
 CKPT Voice Recorder.....Test  
 HYD QTY.....Checked  
 ▲STBY Pump.....On (1500-2150PSI)  
 ▲Stall 2/ Auto Slats.....Tested  
 ▲Trim Test (5).....Checked/ 3Set  
 ▲STBY Pump.....OFF  
 Altimeters.....Set/X Chkd  
 ATIS/Clearance.....Received  
 Performance/Weights.....Computed/Set  
 Told Card/Bugs.....Computed/Set  
 NAV Systems.....Programmed  
 Radios.....Tuned/ Set  
 Pressurization.....Set

**NORMAL ENGINE GROUND START**

EFIS Master.....Off (CA)  
 Seat Belt/No Smoking.....ON (CA)  
 Parking Brake.....Full/ Light ON (CA)  
 Cabin Warning Light.....Out (CA)  
 Fuel Boost Pumps (3).....On/ Light Out (CA)  
 Beacon.....ON (CA)  
 Engine Start .....(#2, 3, 1)

**AFTER START**

Engine Instruments.....Checked/ X Checked (B)  
 HYD PRESS/ QTY.....Checked/ X Checked (B)  
 HYD Warning Lights.....Out (CA)  
 APU/APU Bleed.....As Req'd.  
 Main BUS Tie.....FLT NORM (CA)  
 Warning Panel.....Checked (PITOT ONLY) (CA)  
 STBY Gyro/ EMER Volt.....Checked (CA)  
 Electrical Panel.....Set (CA)  
 Bus Voltage.....Checked (CA)  
 Generators.....Loads Checked (CA)  
 BATT.....Charging (CA)  
 Circuit Breakers.....Checked (CA)

**APU BLEED OFF FOR ANTI-ICE**

▲ Engine Anti-Ice (PRV OFF).....Tested (CA)  
 ▲ Airframe Anti-Ice (PRV ON).....Tested (CA)  
 Windshield/Side Heat.....Normal/ ON (CA)  
 XFR Pumps.....ON (CA)  
 X-Feed/Intercons.....Closed (CA)  
 ▲ Engine Computers/MAN Mode.....ON/Tested (CA)  
 Flight Instruments.....Checked (CA)  
 Altitude Select.....Set (CA)  
 STBY Pump.....ON (CA)  
 Anti-Skid.....Tested (CA)  
 Mach Trim.....On/ Light Out (CA)  
 ▲ Stall 1/ Auto Slats.....Test (CA)  
 IRS/AHRS.....NAV (B)

**Legend**

▲ FFOD Item

CA=Captain FO=First Officer (B)=Both  
 PF=Pilot Flying PM=Pilot Monitoring

FAA Acceptance

**Taxi-Before Takeoff***Pre-Taxi*

Crew Briefing.....WANTS(PF)  
 Flight Instruments.....CHKD/SET (CA)  
 Flight Director/Altimeter.....SET (B)  
 HSI Source.....FMS or VOR/LOC (B)  
 Slats/Flaps.....Set \_\_ (CA)  
 Trims (3).....Set for Takeoff (CA)  
 Flight Controls.....Checked (CA)  
 Cockpit Window.....Secured W/Gm Line (CA)

*TAXI*

Taxi Light.....ON (CA)  
 Parking Brake.....OFF (CA)  
 Brakes (#2 and #1).....Checked #1 On (CA)  
 Thrust Reverser.....Test EMER Stow (CA)  
 Brake Selector.....#1 ON (CA)  
 APU/MASTER/BLEED.....OFF (FO)  
 FATS (Flaps, Airbrakes, Trims, Speeds).....Checked (FO)

**Line UP**

Transponder/TCAS.....ON (FO)  
 Start Selectors.....Airstart (FO)  
 Eng Anti-Ice.....AS REQD (FO)  
 Anti-Col LTS.....ON (FO)  
 Radar.....As REQD (FO)  
 Pitot Heat.....ON (FO)  
 Landing Lights.....ON (FO)  
 Warning Panel.....Clear (FO)

**Climb**

Gear.....Up (PF)  
 Slats/Flaps.....Up/ Clean (PF)  
 Taxi Light.....OFF (PM)  
 Start Selectors.....GNDStart (PM)  
 STBY Pump.....Auto (PM)  
 Press/ Temp Cntrl.....Checked (PM)  
 NAV Mode.....Set (B)  
 Climb Power.....Set (PF)  
 Seat Belts.....As Reqd (CA)  
 Entry Curtain.....Closed (PM)

**Transition**

Altimeters.....STD Set & X Chkd (B)  
 Oxygen Mask/ QTY.....Checked (B)  
 Lights.....OFF/ As Reqd (PM)  
 RVSM.....Checked (PF)

**Cruise**

Cruise Thrust.....Set (PF)  
 Flight Instruments.....Checked (PF)  
 Fuel QTY.....Monitor (PM)

**Descent**

Fuel QTY, Balance, MDF.....CHKD (PF)  
 Pressure/ Temp.....Set (PM)  
 Landing Performance.....X-Chkd (B)  
 Radios & Flight Instruments.....Set \_\_ (PF)  
 Approach Briefing.....Complete (PF)  
 Entrance Door Curtain.....Open (PM)

**Approach (18000)**

Altimeters.....Set & X Chkd (B)  
 Fuel Balance.....Balanced Off (PF)  
 STBY Pump.....On (PF)  
 Brakes.....#1 On (PF)  
 Cabin Signs.....ON (PF)  
 Cabin.....Secure (PM)  
 Slats/Flaps.....On Schedule

**Before Landing**

Landing Gear.....Down 3 Green (PF)  
 Flaps.....48 (PF)  
 Anti-Skid.....Tested(CA)  
 HYD Press/ QTY.....Checked 3000 (PF)  
 Start Selectors.....Airstart (PM)  
 Airbrake.....Stow (PF)

**After Landing**

Anti Ice.....OFF (FO)  
 Bus Tie.....Tied LT ON (FO)  
 Start Selectors.....GND STRT (FO)  
 Pitot Heats.....OFF (FO)  
 Windshield Heats/Side.....OFF (FO)  
 Lights.....Off/As Reqd (FO)  
 Transponder.....STBY (FO)  
 Radar.....OFF (FO)  
 Slats/ Flaps.....UP (FO)  
 XFR Pumps.....OFF (FO)  
 APU.....As Reqd (FO)  
 Trims.....Reset For T/O (FO)

**Shutdown**

Park Brake.....Set/ LT ON (CA)  
 Power Levers.....Cut Off (CA)  
 STBY Pump.....OFF (CA)  
 Boost Pumps (#2 ON for APU).....OFF (CA)  
 RTU.....OFF (CA)  
 EFIS Master.....OFF (CA)  
 Inverters.....OFF (CA)  
 ENG Computers.....OFF (CA)  
 APU Master (At 0 RPM).....Stop/OFF (FO)  
 Ext/Int/Emer Lights.....OFF (CA)  
 C & D Bus.....Un-Tied (CA)  
 Main Bus Tie.....Un-Tied (CA)  
 GEN.....OFF (CA)  
 BATT.....OFF (CA)

| GWT X<br>1000LBS | 24  | 25  | 26  | 27  | 28  | 29  | 30  | 31  | 32  | 33  | 34  | 35  | 35.7 | 37  |
|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|
| V ref (Stats 48) | 104 | 106 | 108 | 110 | 112 | 114 | 116 | 118 | 119 | 121 | 123 | 125 | 126  | 128 |
| 1.5 X VS         | 147 | 151 | 154 | 157 | 160 | 163 | 166 | 168 | 171 | 174 | 176 | 176 | 181  | 184 |
| Holding KIAS     | 177 | 180 | 184 | 188 | 191 | 195 | 198 | 201 | 204 | 207 | 210 | 210 | 215  | 218 |