

POWERUP FLOW

Circuit Breakers.....CHECKED
Gear Lever.....DOWN
Radar.....OFF
Battery Master / Main / Aux Standby Switches.....ON
Main Bus Tie.....TIE
Position Lights.....ON
Flight Deck Displays.....ON
STBY/PTU Pumps.....CHECK OFF
Emergency Brake.....PARK
EXT PWR/APU.....ON
FMS..... Initialize

CAPTAINS ORIGINATING CHECK

Landing Gear Alt Extension Door.....OPEN/CHECK/CLOSE
Landing Gear Alternate Release Door.....CLOSED/NORMAL
Escape Hatch..... CHECK CLOSED
Oxygen Masks.....CHECK
Demisters / Side Vent..... CHECK OPEN

DC Control Panel

Battery Switches.....AS REQUIRED
DC GEN 1 + 2 Switches.....ON
Main Bus tie.....TIE

Ice Protection Panel

Airframe Mode Select.....OFF
Engine Intake Doors.....CLOSED
REF Speed Switch.....OFF
Pitot Static Switches.....ALL OFF
Propeller Ice Protection..... OFF
BOOT AIR switch..... NORM

Windshield Panel

Windshield heat OFF
Wiper OFF
Plt side wdo/ht.....OFF

Exterior Lights Panel

Approach/Flare/Taxi Lights.....OFF
PFD Altimeter units..... AS REQUIRED

Flight Data RCDR Panel

ELT.....ARMED
FLT DATA RCDR switch.....NORM

Fire Protection Panel

Pull Fuel/HYD off handles.....CHECK IN
Baggage AFT Test Switch 1/2 TEST
Baggage FWD Test Switch.....TEST

Emergency Lights.....ARM
Fasten Belts Switch.....ON
No Smoking Switch.....ON
TEST Caution/Advsy.....TEST
Bleed Flow Controller.....MIN

Air Conditioning Panel

Pack Switches.....AUTO
RECIRC Switch.....ON
Bleed 1 + 2OFF

AC Control Panel

AC Gen Switches.....ON
AC External Power.....OFF

Captain's Side Panel

EGPWS Flaps Override.....NORMAL
ADC 1 + 2 TEST.....PERFORM
STALL WARNING TEST.....Perform
NOSEWHEEL STEERING SWITCH.....OFF

Glareshield

Flight/Taxi Switch.....TAXI
Stick Pusher/Elev Trim Shutoffs.....CHECK
Flight Guidance Control Panel.....CHECK

Pitot-Static Isolation Switch.....NORMAL
Integrated Standby Instrument.....CHECK
Landing Gear Lever.....CHECK
GPWS LANDING SELECTOR.....CHECK
Hydraulic Control PanelCHECK
AHRS Panel.....CHECK
Pitch/Roll Disconnect Handles.....IN
Fuel Control Panel.....CHECK
Propeller ControlCHECK
AUTOFEATHER TEST Perform
Emergency Brake.....AS REQ'D
Control Lock.....ENGAGE
Power Levers.....DISC
Condition Levers.....FUEL OFF
ARCDUCHECK
Trims.....TEST
EFIS CONTROL PANEL..... AS REQUIRED

FO ORIGINATING FLOW

ATIS.....COPY
Oxygen Masks.....CHECK
Circuit Breakers.....CHECK
FO Side Panel.....CHECK
Anti Skid switch.....TESTED / ON
EGPWS.....TESTED
Flight Instruments.....SET
Center Pedestal.....CHECK
AHRS.....CHECK
ARCDU/RADIOS/RADAR.....ON/SET/TEST

ENGINE START FLOW

Doors.....CHECK CLOSED
Battery Master /Main/Aux/Standby.....ON
Beacon.....ON
APU Bleed Air.....OFF
Engine #2CHECK CLEAR

AFTER START FLOW – CAPTAIN

Condition Levers.....MAX/1020
APUOFF
Main Bus Tie.....OFF
Ice Protection..... AS REQUIRED
Rudder Travel.....CHECK TRAVEL
Nose Steering.....ON
Radar..... STBY
MFD..... Set to NAV

AFTER START FLOW – FO

Transponder/TCAS.....AS REQUIRED
Flaps.....SELECT FOR T/O
Autofeather.....SELECT ON
Engine Rating..... RTOP / NTOP / MTOP
Tank Aux Pumps.....BOTH ON
STBY / PTU Pumps.....ON
HYD #3 and Elevator.....CHECK
Bleed Air.....AS REQUIRED
Deice Pressure.....CHECK

BEFORE TAKEOFF FLOW – CAPTAIN

Trims.....CHECK
T/O Warning Test.....TESTED
Flight / Taxi switch.....FLIGHT
ANTI-COLLISION Light switch.....WHT/ON STROBES

BEFORE TAKEOFF FLOW – FO

FA Notification.....MADE
Transponder / TCAS.....ON/ALT
Control Lock.....RELEASE
Flight controls.....CHECK
Condition Levers.....CHECK MAX
Terrain/Radar Display.....AS REQUIRED
Fuel.....CONFIRM REQ'D ON BOARD

CLIMB FLOW

Flaps.....CONFIRM 0°
Condition Levers.....900
Autofeather.....OFF
MTOP Switch.....PUSH OFF IF REQ'D
Aux Pump Switches.....OFF
STBY Hyd Press and PTU Switches.....OFF
BleedsON/NORM
Taxi Light.....OFF
Pressurization Panel.....CHECK
Ice protection.....SET

THROUGH 10,000FT

Exterior Lights.....AS REQUIRED
FA Notification.....COMPLETE
Condition Levers.....AS REQUIRED

LANDING FLOW

Landing GearSELECT DOWN
STBY/PTU Pumps.....SELECT ON

Tank Aux Pumps.....ON
Reduced Np.....AS REQUIRED
Condition Levers.....MAX
Bleed Flow Knob.....MIN
FA Notification.....CYCLE/CHIME

AFTER LANDING FLOW**Captain**

Lights.....AS REQUIRED
Flight/Taxi Switch.....TAXI

First Officer

RadarOFF
MFDs.....SYSTEM SCREEN
Transponder.....STBY/AS REQD
Flaps.....0
Control Lock.....ENGAGE
Tank Aux Pumps.....OFF
Yaw Damper.....OFF
Bleeds.....AS REQUIRED
Main Bus Tie.....TIE
Ice Protection.....ALL OFF/WINDSHIELD ON
APU.....AS REQUIRED

PARKING FLOW

Parking Brake.....SET
Power Levers.....DISC
Condition Levers.....START/FTHR
Nose Steering.....OFF
Transponder.....STBY
STBY/PTU Pumps.....OFF
Seatbelt Sign.....OFF
Bleeds.....MIN/OFF

| AIRCRAFT POWER UP | |
|-----------------------------|-------------|
| Circuit Breakers | CHECKED |
| Landing Gear | DOWN |
| Radar | OFF |
| Batter Master/Main/Aux/Stby | AS REQ'D |
| Main Bus Tie | TIE |
| Exterior Lights | AS REQ'D |
| Flight Deck Displays | ON |
| STBY/PTU Pumps | OFF |
| Parking Brake | AS REQ'D |
| EXT PWR/APU | ON |
| FMS | INITIALIZED |

| FIRST FLIGHT OF THE DAY TESTS | |
|---------------------------------|--|
| Engine Fire Detection | |
| APU Fire Detection | |
| Baggage Smoke Warning AFT + FWD | |
| Stall Warning Test 1+2 | |
| ADC 1+2 | |
| Autofeather Test | |
| GPWS/TCAS | |
| Trim Test – ELEV/RUD/AILERON | |
| Rudder Actuator Test* | |
| Ice Protection Test* | |
| *after engine start | |

| BEFORE START | |
|-------------------------------|-----------------------|
| EXT PWR/APU Voltage | ON/CHECKED __ VOLTS |
| Circuit Breakers | CHECKED |
| Escape Hatch | CLOSED |
| Nose Steering | OFF |
| Flight Guidance Control Panel | SET |
| Fuel Quantity | __ LBS, ONBD __ REQ'D |
| HYD #3 Pressure | CHECKED __ PSI |
| Emergency Brake/Press | PARK/CHECKED |
| Condition Levers | FUEL OFF |
| Emergency Lights | ARMED |
| Fasten Belts Switch | ON |
| Departure Briefing | COMPLETE |

| ENGINE START | |
|--------------------------|-----------|
| Bat Master/Main/Aux/Stby | ON |
| Doors / Fueling Lights | NOTED/OFF |
| Beacon Light | ON |
| APU Bleed | OFF |
| Engine | CLEAR |

| AFTER START | |
|-----------------------------|---------------------|
| EXT Pwr/APU | OFF |
| Main Bus Tie | OFF |
| Ice Protection | LEVEL 1 or 2 |
| Rudder Travel | FULL TRAVEL |
| Rudder Actuator Test | COMPLETE |
| Nose Steering | ON |
| Autofeather | SELECTED |
| Engine Rating | __% SET/CHECKED |
| Batteries | CHECKED |
| Flaps | __° SET/CHECKED |
| AUX/STBY/PTU Pumps | ON |
| HYD Pressure/Qty. | CHECKED |
| HYD #3 + Elevator | CHECKED |
| Caution/Warning Lights | CHECKED |
| Flight Instruments / Radios | SET |
| Altimeters | __ SET/CROSSCHECKED |
| Ice Protection Test | COMPLETE |

| BEFORE TAKEOFF | |
|-------------------------|-------------------------------|
| F/A Notification | COMPLETE |
| Takeoff Briefing | COMPLETE |
| Condition Levers | MAX |
| Trims | 3 SET |
| T/O Warning Test | TESTED |
| Flight Controls | CHECKED FREE |
| Flight/Taxi Switch | FLIGHT |
| Radar / Terrain | AS REQ'D |
| Transponder/TCAS | ON ALT/TA-RA |
| -----WHEN LINED UP----- | |
| Bleeds | MIN/AS REQ'D |
| External Lights | ON |
| Runway / Heading | RUNWAY __, HEADING CHECKED |

| CLIMB | |
|------------------------|----------|
| Landing Gear | UP |
| Flaps | 0° |
| Power | SET |
| Autofeather | OFF |
| AUX/STBY/PTU Pumps | OFF |
| Engine Temps/Pressures | CHECKED |
| Bleeds | ON/NORM |
| Cabin Temps/Pressures | CHECKED |
| Ice Protection | AS REQ'D |

| DESCENT CHECKLIST | |
|---------------------|------------------------|
| Altimeters | ____, SET/CROSSCHECKED |
| Fuel Balance | CHECKED |
| Pressurization | SET |
| Cabin PA | COMPLETE |
| Fasten Belts Switch | ON |
| Approach Briefing | COMPLETE |

| IN RANGE (TERMINAL/10,000FT) | |
|------------------------------|----------------|
| GPWS Landing Flap | SELECTED ____° |
| Fuel Transfer | OFF |
| Hyd. Pressure/Qty. | CHECKED |
| Caution Warning Lights | CHECKED |
| External Lights | ON |
| Ice Protection | SET |
| F/A Notification | Complete |

| BEFORE LANDING | |
|--------------------|----------------------|
| Landing Gear | DOWN/3 GREEN |
| Condition Levers | MAX |
| AUX/STBY/PTU Pumps | ON |
| Bleeds | MIN/AS REQ'D |
| F/A Notification | COMPLETE |
| Flaps | ____° SET/INDICATING |

| AFTER LANDING | |
|--------------------|----------|
| Radar | OFF |
| Transponder | AS REQ'D |
| Flaps | 0° |
| Control Lock | ON |
| Tank Aux Pumps | OFF |
| Yaw Damper | OFF |
| Flight/Taxi Switch | TAXI |
| Exterior Lights | AS REQ'D |
| Main Bus Tie | TIE |
| Ice Protection | AS REQ'D |
| APU | AS REQ'D |

| PARKING | |
|--------------------------|----------|
| External Lights | OFF |
| Parking Brake | PARK |
| Seatbelt Sign | OFF |
| Nose Steering | OFF |
| STBY/PTU Pumps | OFF |
| Power Levers | DISC |
| EXT PWR/APU | ON |
| Condition Levers | FUEL OFF |
| Transponder | STANDBY |
| Bleeds | MIN/OFF |
| Emergency Lights | OFF |
| Ice Protection | OFF |
| STBY/AUX/MAIN/BAT Master | AS REQ'D |

| SECURING | |
|--------------------------|------|
| Parking Brake | PARK |
| Emergency Lights | OFF |
| RECIRC Fan | OFF |
| Ice Protection | OFF |
| Anti-Skid | OFF |
| FMS/ARCDU/Displays | OFF |
| Interior/Exterior Lights | OFF |
| Ext Power/APU | OFF |
| STBY/AUX/MAIN/Bat Master | OFF |
| Dome Light | OFF |