

NORMAL OPERATION CHECKLIST

SECURE CABIN:

BATTERY (OHP).....ON & COVERED
 STANDBY PWR.....AUTO & COVERED
 DC-VOLTEMETER-SLCTR (L).....BAT
 AC-VOLTEMETER-SLCTR (R).....STBY PWR
 MASTER CAUTION.....DISENGAGE
 HYD PUMPS.....ALL OFF
 FUEL PUMPS.....ALL OFF
 INTERIOR LIGHTS.....AS REQUIRED
 -PEDESTAL, MAIN PANEL, OVHD PANEL.
 CABIN / UTILITY POWER.....ON
 IFE PASS SEAT POWER.....ON
 GROUND POWER.....CONNECT & ON
 -GPU, ASU, ACU.
 PITOT COVERS.....REMOVE
 AC-VOLTEMETER-SLCTR (R).....GRND PWR
 EMERGENCY LIGHTS.....ARMED & COVERED
 EXTERNAL LIGHTS:
 -POSITION.....STEADY
 -WHEEL WELL, LOGO, WING.....ON
 SEAT-BELTS.....AUTO
 *ENTER FMC.....SET FUEL / PAYLOAD
 RECIRC. FANS (L & R).....AUTO
 PACKS (L & R).....AUTO
 ISOLATION VALVE.....AUTO
 AUTOPILOTS.....OFF
 SPEED BREAK.....OFF
 IRS SEL.....TEST & HDG/STS
 IRS SELECTORS (L & R).....ALIGN
 *ENTER FMC AND COMPLETE.....INIT REF
 IRS SELECTORS (L & R).....NAV
 *ENTER FMC AND COMPLETE
 -ROUTE
 -PERF INIT
 FUEL PUMP FWD NO.1.....ON
 APU.....START
 APU GEN SWITCHES (L & R).....ON
 APU & ENGINE BLEED SWITCHES.....ON
 AC-VOLTEMETER-SLCTR (R).....APU
 PARKING BREAK.....SET

GROUND CONNECTIONS.....DSCNCT/RMVE ALL
 MASTER CAUTION.....DISENGAGE
 //COM1-FREQUENZ.....METAR/DELIVERY
 SQUAWK.....SET
 ALTIMETER.....SET
 FIRST ALT.....SET

*ENTER FMC AND COMPLETE

-DEPARTURE
 -ROUTE (CHECK DISCONTINUITIES)
 -TAKE OFF (P.1 & 2)

ELEVATOR TRIM.....SET (FMC DATA)
 GANGWAY.....REMOVE
 DOORS.....CHECK CLOSED
 GEN BUS TRNSFR SWITCH.....CHECK COVERED
 FUEL PUMPS.....ALL (USABLE) ON (NO X-FEED)
 HYD PUMPS.....ALL ON
 ANTI COLLISION LIGHTS.....ON
 PACKS (L & R).....OFF
 THRUST.....IDLE

ENGINE S/U & PUSHBACK:

PUSHBACK.....START
 DUCT PRESSURE GAUGE.....VERIFY 30 PSI
 IGNITION SELECTOR.....SWITCH TO OPPOSITE
 L ENGINE STRT SWITCH.....GRD
 L ENGINE FUEL CTRL.....ON
 L ENGINE STRT SWITCH.....
WHEN IT KICKS BACK, SET TO CONT
 R ENGINE STRT SWITCH.....GRD
 R ENGINE FUEL CTRL.....ON
 R ENGINE STRT SWITCH.....
WHEN IT KICKS BACK, SET TO CONT
 GEN ENGINE SWTCHS (L & R).....ON
 AC-VOLTEMETER-SLCTR (R).....GEN 1
 APU.....OFF
 APU BLEED.....OFF
 PACKS (L & R).....AUTO
 PITOT HEAT SWTCHS (PROBE).....ON
 WINDOW HEAT.....ON < 10C
 ANTI-ICE SWTCHS.....ON < 10C

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YAW DAMPER.....ON
 FLAPS.....SET
 AUTOBREAK.....RTO
 PUSHBACK.....END
 TAXI-LIGHTS.....ON
 RWY TURNOFF LIGHTS.....ON
 TCAS.....TEST

TAXI:

***TAXI TO HOLDING POINT**

AUTOPILOT.....SET
 AP DISENGAGE BAR.....UP
 FLIGHT DIRECTORS (BOTH).....ON
 AUTO-THROTTLE.....ARM
 IAS.....V2
 HEADING.....RWY HDG
 ALTITUDE.....CHECK INITIAL ALT

HOLDING POINT:

LANDING LIGHTS.....ON
 RWY TURNOFF LIGHTS.....ON
 TAXI LIGHTS.....OFF
 POSITION LIGHTS.....STROBE & STEADY
 TCAS.....TA/RA
 TRANSPONDER.....MODE C

***LINE UP ON RUNWAY**

READY FOR TAKEOFF:

PARKING BREAK.....SET
 THRUST LEVERS.....T.O.
 PARKING BREAK.....RELEASE
 YOKE (+80 KNOTS).....PUSH FORWARD
 VR.....ROTATE
 V2.....LIFT-OFF

AFTER TAKEOFF:

TRIM.....AS REQUIRED
 GEAR.....UP > 500FPM
 AUTOPILOT.....ON
 VNAV & LNAV.....ON

FLAPS.....RAISE ON SCHEDULE

CLIMB:

AUTOBREAK.....OFF
 LANDING LIGHTS.....OFF
 RWY TURNOFF LIGHTS.....OFF
 WHEEL WELL LIGHTS.....OFF
 WINDOW HEAT.....ON < 10C TAT
 ANTI-ICE SWTCHS.....ON < 10C TAT
 ALTIMETER.....READJUST + TRANS ALT

CRUISE:

A/P & FMC.....CHECK PERMANENTLY
 FMC PRGRS PAGE.....CHK FUEL CONSMPTN
 CENTER FUEL PUMP.....OFF (WHEN EMPTY)

DESCENT & APPROACH:

***BEGIN PREP 30NM BEFORE T/D**

***RETRIEVE AIRPORT/METAR INFO**

AUTOBREAKS.....SET
 ALT.....SET ARPRT ALT BFRE T/D

***ENTER FMC AND COMPLETE:**

- ARRIVAL
- ROUTE (CHECK DISCONTINUITIES)
- INIT REF

ILS FQ.....SET INTO NAV1 & NAV2

ILS CRS.....SET INTO BOTH CRS SLCTRS

HGS SETTINGS:

- MODE.....PRI
- STBY.....Axxx ARM
- RWY.....SET ARPRT ALT
- RWY.....SET RWY LENGTH
- GS.....SET GS (STD -3)

ALTIMETER.....READJUST - TRANS ALT

LANDING LIGHTS.....ON

RWY TURNOFF LIGHTS.....ON

SPOILERS.....ARM

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FINAL APPROACH:

FLAPS.....LOWER ON SCHEDULE
 GEAR.....DOWN @ FLAPS 20
 AUTOPILOT.....DISENGAGE
 AUTO-THROTTLE.....OFF
 SPOILERS.....ENGAGE (IF NOT AUTO-ENGAGED)
 THRUST RVRSR.....AS RQRD > 80 KTS
 RUNWAY.....VACATE

TAXI:

TRANSPONDER.....STDBY
 FLIGHT DIRECTORS.....OFF
 SPOILERS.....OFF
 FLAPS.....RETRACT
 AUTOBREAKS.....OFF
 TAXI LIGHTS.....ON
 LANDING LIGHTS.....OFF
 RWY TURNOFF LIGHTS.....OFF
 POSITION LIGHTS.....STEADY
 WHEEL WELL LIGHTS.....ON
 WINDOW HEAT.....OFF
 ANTI-ICE SWTCHS.....OFF
 APU.....START
 A/P.....RESET (BAR-UP)

PARKING POSITION:

TAXI LIGHTS.....OFF
 PARKING BREAK.....SET
 APU GEN SWITCHES.....ON
 APU BLEED.....ON
 AC-VOLTEMETER-SLCTR (R).....APU
 ENG 1.....CUT OFF
 ENG 2.....CUT OFF
 MASTER WARNING.....DISENGAGE
 WHEEL CHOKS.....SET
 PARKING BREAK.....OFF
 GROUND POWER.....CONNECT & ON
 -GPU, ASU, ACU.
 DOORS.....OPEN
 GANGWAY.....ENABLE

SEAT-BELTS.....OFF
 AC-VOLTEMETER-SLCTR (R).....GND PWR
 APU.....OFF
 APU BLEED.....OFF
 ANTI-COLLISION LIGHTS.....OFF
 TCAS.....STDBY
 YAW DAMPER.....OFF
 PITOT HEAT SWTCHS (PROBE).....OFF
 ENG START SWTCHS.....BOTH OFF
 HYD PUMPS.....ALL OFF
 FUEL PUMPS.....ALL OFF
 MASTER WARNING.....DISENGAGE
 EXTERNAL LIGHTS.....ALL OFF
 EMERGENCY LIGHTS.....OFF
 IRS SELECTORS.....BOTH OFF

NEW FLIGHT:

RESTART CHEKLIST

SHUTDOWN:

AC-VOLTEMETER-SLCTR (R).....STBY PWR
 GROUND POWER.....OFF
 GROUND POWER.....DISCONNECT
 -GPU, ASU, ACU.
 BLEEDS.....OFF
 PACKS (L & R).....OFF
 ISOLATION VALVE.....OFF
 RECIRC. FANS (L & R).....OFF
 IFE PASS SEAT POWER.....OFF
 CABIN / UTILITY POWER.....OFF
 INTERIOR LIGHTS.....ALL OFF
 DC-VOLTEMETER-SLCTR (L).....STBY PWR
 MASTER WARNING.....DISENGAGE
 STANDBY PWR.....OFF & UNCOVERED
 BATTERY.....OFF & UNCOVERED