

COCKPIT PREPARATION

Circuit Breakers.....In
 STBY PWR Switch.....TEST/ON
 BATT Buttons (both).....ON, Check Volts
 EIS/CAS.....Check
 Oxygen System.....Check
 Hydraulics Data.....Check
 APU.....Start
 APU GEN.....RESET/ON (at 100% APU RPM)
 External Power.....Disconnected
 Cockpit Controls.....Check/Set
 Trims.....Check/Set
 Fuel Qty and CG.....Check
 Autopilot.....Engage/Disengage

BEFORE START

Parking Brake.....Set
 Wheel Chocks.....Removed
 Cabin Door/ Curtain.....Closed/ Stowed
 Passenger Briefing.....Complete
 Seats, Pedals, Seat Belts.....Adjusted/Fastened
 SEAT BELTS Button.....ON (Inop)
 EIS/CAS.....Check
 RECOG Lights.....ON
 Clear Behind.....Check
 Fuel Shutoff Valve.....Check

STARTING ENGINES

Beacon Light (ANTI COLL).....ON
 Throttles (both).....IDLE
 Right Engine.....Start
 Right Engine Run/Stop.....RUN (at 20% N2)
 Right Engine N1/ITT/N2/OIL PSI/OIL TEMP.....Monitor
 Left Engine.....Start
 Left Engine Run/Stop.....RUN (at 20% N2)
 Left Engine N1/ITT/N2/OIL PSI/OIL TEMP.....Monitor
 L GEN and R GEN.....RESET/ON
 BUS TIE.....OPEN
 APU GEN.....OFF

BEFORE TAXI

Flight Controls.....Free and Correct
 APU.....OFF
 Speedbrakes.....Check/Retracted
 Flight Instruments/Avionics.....Check
 Ice Protection.....As Required
 Flight Controls.....Free
 Ice Protection.....As Required
 Exterior Lights.....As Required
 EIS/CAS.....Check

BEFORE TAKEOFF

Flaps.....Set for Takeoff
 Speedbrakes.....Retracted
 Trims.....Set for Takeoff
 Ice Protection.....Check, as Required
 V Speeds.....Displayed
 NAV Source.....Cycle/FMS
 SPD Knob.....MAN
 Crew Briefing.....Complete
 Weather Radar.....As Required

AFTER TAKEOFF

Landing Gear.....UP
 Flaps (at or above V2 + 20).....UP
 Throttles.....CLB
 Ice Protection (Above 400ft AGL).....As Required
 Pressurization.....Check
 SEATBELTS Button.....As Required
 Altimeters (at transition ALT).....Set
 Exterior Lights.....As Required

DESCENT

LPressurization LDG
 ELEV.....Verify
 Altimeters (at transition level).....Set
 Exterior Lights.....As Required

APPROACH

Landing Data Confirm
Ice Protection..... As Required

Flight Instruments

Avionics..... Check/Set
Crew Briefing..... Complete
Passenger Briefing..... Complete
Seats/Seat Belts..... Adjusted/Fastened
SEAT BELTS Button..... ON

BEFORE LANDING

Landing Gear..... Down (Confirm on MFD)
Flaps..... FULL
Exterior Lights..... As Required
Speedbrakes..... Retracted
Auto Ground Spoilers..... NORM
EIS/CAS..... Check
Autopilot..... Disengage
Autothrottle..... Disengage
Airspeed..... VREF

AFTER LANDING

Thrust Reversers..... Stow
Flaps..... As Desired
Ice Protection..... As Required
Exterior Lights..... As Required

SHUTDOWN

Throttles..... IDLE
Parking Brake..... Set
Ice Protection..... OFF
ENGINE RUN/STOP (LEFT and RIGHT)..... STOP
SEAT BELTS button..... OFF
APU..... Verify OFF
EIS/CAS..... Check
Main Batteries..... Verify Connected
STBY PWR Switch..... Verify ON
APU..... As Desired
APU GEN..... If APU Started RESET/ON at 100% APU RPM
EMER LTS Switch..... OFF
STBY PWR Switch..... OFF
APU..... OFF
APU Knob..... OFF
Exterior Lights..... OFF
BATT Buttons (Left and Right)..... OFF

GO-AROUND

TO/GA Button..... Push
Throttles..... TO
Pitch Attitude..... 7.5° Nose Up Initially
Flaps..... 2
Climb Speed..... VAPP (Minimum)
Landing Gear..... Up
Flaps (at of above VAPP + 10)..... Up
SPD Knob..... MAN (Set Desired SPD)
Throttles..... As Required

V Speeds for Takeoff

Weight (LBS)	24,000 - 28,000	28,001 - 32,000	32,001 - 33,500	33,501 - 36,500	36,501 - 39,500
RWY Length	≥ 4000 ft	≥ 4700 ft	≥ 5000 ft	≥ 5800 ft	≥ 7100 ft
V ₁	99	109	114	121	128
V _R	103	112	115	122	128
V ₂	117	124	126	131	137
V _{FTO}	185	185	185	185	185

V Speeds for Approach/Land

Weight (LBS)	23,500	25,500	27,500	29,500	31,500	33,500
V _{REF}	104	108	112	116	121	125
V _{APP}	113	118	123	128	133	137