**Pre-Start Checklist**

- Parking Brake: SET
- Throttle: IDLE
- Fuel Flow: CUTOFF (Ctrl-Shift-F1)
- BATT: Master Switch ON
- Panel Lights: ON if required
- L and R GEN Switches: OFF
- Landing Gear Lever: CHECK DOWN
- Flaps: UP
- Spoiler: RETRACTED
- APU: START / CHECK RUN
- Fuel Quantity: CHECK
- Engine Instruments: CHECK
- Pitot Heat / Anti-Ice: OFF
- Flight controls: FREE AND CORRECT
- Elevator Trim: TAKEOFF SETTING
- Avionics: ON
- Passenger Signs: ON
- **Check Weather** (Atis, Flight Services)
- Anti-Ice: TEST/CHECK

**Request Clearance**

- Beacon / Recogn. Lights / Strobe Ligh: ON
- Transponder: STANDBY

**Startup Checklist**

- Thrust Levers: IDLE
- Engine Area: CLEAR
- Fuel Flow: ON (Ctrl-Shift-F4)
- L and R IGN Buttons: ON
- Left Engine: START
- Fuel Flow: CHECK
- N1 increasing as N2: CHECK
- Oil Pressure: CHECK
- Start Button: OFF
- > Repeat for Right Engine
- Engine Instruments: CHECK NORMAL
- L and R GEN Switches: ON
- Anti-Ice: As required
- APU: STOP

**Before Taxi Checklist**

- Nav Lights: ON
- Heading Indicator/Altimeters: SET
- Standby Instruments: SET
- Radios and Avionics: SET FOR DEPARTURE
- Autopilot: SET and OFF
- Autothrottle: ARMED
- F/D: ON
- NAV/ADF/FMS: SELECT
-Yaw Damper: ON AS REQUIRED

**Request Taxi Clearance**

**Taxi Checklist**

- Parking Brake: RELEASE
- Taxi to assigned runway: SPEED Max. 20 knots
- Brakes: CHECK during taxi
- Directional Gyro / Turn Coordinator: PROPER IND. during turns
- Artificial Horizon: ERECT during turns

**Before Take-off Checklist**

- Parking Brake: SET
- Throttle: IDLE
- Elevator Trim: TAKEOFF SETTING
- Flaps: 8 DEG
- Spoilers: RETRACTED
- Flight Instruments: CHECKED
- Engine Instruments: CHECK
- Takeoff Data (V1, VR, V2): CHECK
- Nav Equipment: CHECK
- Landing Lights: ON
- Pitot Heat: ON
- Anti-Ice: AS REQUIRED
- Transponder: ONSTANDBY

**Request Takeoff Clearance**

**Take-off Checklist**

- Smoothly increase thrust to: 40% N1 (let spool up)
- Takeoff Thrust: FULL
- Brakes: RELEASE
- V1 = 120 KIAS (decision)
- VR = 130 KIAS (rotate)
- Pitch: 10-15 DEG. nose up
- V2 = 140 KIAS (safety speed)
- At Positive Climb Rate: TOUCH BRAKES
- Landing Gear: RETRACT
- At 200 KIAS: FLAPS UP

**Climb-out Checklist**

- Throttle: AS REQUIRED
- Trim for: 250 KIAS / 1800 fpm
- Autopilot/Autothrottle: CHECK and ACTIVATE
- Below 10000': max. speed 250 KIAS

**Cruise Checklist (above FL 180)**

- At Transition Altitude (FL180): Set Altimeter to 29,92' (320 KIAS)
- Accelerate to cruise speed: FL180 0.65 mach (320 KIAS)
- FL240 0.73 mach (322 KIAS)
- FL280 0.80 mach (327 KIAS)
- FL330 0.80 mach (292 KIAS)
- Engine+Instruments: CHECK
- Fuel Quantity: CHECK
- Radios: TUNED and SET
- Autopilot: CHECK and SET
- Anti-Ice: AS REQUIRED
- Lights: AS REQUIRED

**Descent Checklist**

- Atis/Airport Information: CHECK
- Altimeter: CHECK
- Radios: SET
- Anti-Ice: AS REQUIRED
- Descent Speed: to FL240 0.73 mach
- to FL180 0.65 mach
- At Transition Altitude (FL180): RESET Altimeter to local
- to FL210 280 KIAS
- below 10'000' 250 KIAS
- Fuel Quantities and Balance: CHECK
- Flaps / Landing Gear: CHECK UP
- **Check Weather** (ATIS, Flight Services)

**Approach Checklist**

- Localizer Level Flight:
  - Passenger Signs: ON
  - APU: START / CHECK RUN
  - L and R IGN Buttons: ON
  - Avionics + Radios: SET
  - Speed: Establish: 200 KIAS
  - Landing Lights: ON
  - Auto Spoilers: ARM
  - Flaps: 8 DEG
  - Speed: Establish: 180 KIAS
  - Flaps: 20 DEG
  - Speed: Establish: 155 KIAS
  - Landing Gear: DOWN
  - Turning toward runway: set flaps: FULL DOWN

**Final Glideslope Descent:**

- Speed Establish: 145 KIAS
- Parking Brake: VERIFY OFF
- Anti-Ice: AS REQUIRED

**Landing Checklist**

- Autoland: Available?
- Landing Gear: CHECK DOWN
- Autopilot / Autothrottle: OFF
- Landing Speed: 135 KIAS
- After touchdown: APPLY Reverse Thrust;
  - at 60 kts: CANCEL Reverse Thrust
- Spoilers: VERIFY EXTENDED
- Brakes: AS REQUIRED

**Taxi To Ramp**

- Flaps: UP
- Spoilers: RETRACTED
- Landing Lights: OFF
- Speed: Max. 20 knots
- Transponder: 1200 / OFF
- Elevator Trim: TAKEOFF SETTING

**ShUTDOWN Checklist**

- Parking Brake: SET
- Throttle: IDLE
- Passenger Signs: OFF
- Pitot Heat / Anti-Ice: OFF
- Nav Lights: OFF
- F/D: OFF
- Avionics: OFF
- L and R IGN Buttons: OFF
- Fuel Flow: CUTOFF (Ctrl-Shift-F1)
- L and R GEN Switches: OFF
- Beacon / Recogn. Lights / Strobe Lights: OFF
- APU: STOP
- BATT Master Switch: OFF

**Securing Aircraft**

- Parking Brake: Verify SET
- Throttle: Verify IDLE
- All Switches: Verify OFF