

Pre-Start Checklist

Parking Brake SET
Throttle IDLE
Fuel Flow CUTOFF
BATT Master Switch ON (Shift-M)
Panel Lights as required
Gear Lever CHECK DOWN
Flaps UP
Spoiler RETRACTED
Fuel Quantity CHECK
Engine Instruments CHECK
Anti-Ice / Aircraft Lighting OFF
Flight controls FREE AND CORRECT
Elevator Trim TAKEOFF SETTING
Avionics ON
Fasten Seat Belts ON
No Smoking Sign ON
Check Weather (Atis, Flight Services)
Anti-Ice TEST/CHECK
Request Clearance
Transponder STANDBY
Beacon ON

Startup Checklist

Thrust Levers IDLE
Engine Area CLEAR
MFD EICAS2
Engine Starting Sequence : 1 - 4 - 3 - 2
Eng 1 Start Switch START (hold)
At N2 > 20% Fuel Flow Eng 1 ON
Fuel Flow CHECK
N1 increasing as N2 incr. CHECK
Repeat for Eng. 4 - 3 - 2
Anti-Ice AS REQUIRED
MFD EICAS 1

Before Taxi Checklist

Nav Lights ON
Taxi Lights ON
Heading Indicator SET
Altimeters SET
Standby Instruments SET
Radios and Avionics SET FOR DEPARTURE
Autopilot SET, don't activate
Autothrottle / Speed SET, don't activate
F/D ON
Yaw Damper ON AS REQUIRED
Autobrake RTO
Elevator Trim SET for takeoff
Request Taxi Clearance

Taxi Checklist

Parking Brake RELEASED

Brakes/Gyro/Turn Coordinator CHECK during taxi and turns

Taxi to assigned runway SPEED Max. 20 knots

Before Take-off Checklist

Brakes SET

Throttle IDLE

Flaps 10 deg

Spoilers RETRACTED

Flight Instruments CHECKED

Engine Instruments CHECK

Takeoff Data (V1, VR, V2) CHECK

Nav Equipment CHECK

Landing Lights ON

Taxi Lights OFF

Strobe Light ON

Anti-Ice AS REQUIRED

Transponder ON

Request Takeoff Clearance

Take-off Checklist

Smoothly increase thrust to 40% N1 let spool up

Takeoff Thrust FULL or TO/GA

Brakes RELEASE

V1 = 165 KIAS (decision)

Vr = 175 KIAS (rotate)

Pitch 10 deg. nose up

V2 = 185 KIAS (safety speed)

At Positive Climb Rate Touch Brakes

Landing Gear RETRACT

At 200 KIAS RETRACT Flaps to 1 deg

At 220 KIAS RETRACT flaps up

Climb-out Checklist

Throttle AS REQUIRED

Trim for 250 KIAS

Autothrottle ARM and SET

Autopilot ON and SET

Autobrake OFF

Below 10000' max. speed 250 KIAS

ATC AS REQUIRED

Fasten Seat Belts OFF

No Smoking Sign OFF

Landing Lights OFF

Above 10000' speed 300 KIAS

Cruise Checklist (above FL 180)

At Transition Altitude (FL180) set Altimeter to 29,92" (1013mb)
Accelerate to cruise speed FL180 0.67 mach (330 KIAS)
FL240 0.76 mach (335 KIAS)
FL280 0.82 mach (335 KIAS)
FL330 0.85 mach (315 KIAS)
Engine+Instruments CHECK
Fuel Quantity CHECK
Radios TUNED and SET
Lights AS REQUIRED

Descent Checklist

Atis/Airport Information CHECK
Altimeter CHECK
Radios SET
Anti-Ice AS REQUIRED
Descent Speed to FL240 0.75 mach
to FL180 0.65 mach
At Transition Altitude (FL180) reset Altimeter to local
to FL120 300 KIAS
below 10'000ft 240 KIAS
Fuel Quantities and Balance CHECK
Flaps / Landing Gear CHECK UP
Check Weather (ATIS, Flight Services)

Approach Checklist

Localizer Level Flight :

Fasten Seat Belts ON
No Smoking Sign ON
Avionics + Radios SET
Speed: Establish 220 KIAS
MFD EICAS 1
Landing Lights ON
Auto Spoilers ARM
Autobrake SET
Flaps 5-10 degrees
Speed: Establish 200 KIAS
Flaps 20 degrees
Speed: Establish 180 KIAS
Landing Gear DOWN
Turning toward runway: set flaps 25 degrees or FULL

Final Glideslope Descent :

Speed Establish 170 KIAS
Park Brakes VERIFY OFF
Anti-Ice AS REQUIRED

Landing Checklist

Autoland Available ?
Landing Gear CHECK DOWN
Autopilot OFF and all deactivated
Autothrottle OFF and SPD deactivated
Landing Speed 160 KIAS
After touchdown Apply Reverse Thrust, at
60 kts: Cancel Reverse Thrust
Spoilers VERIFY EXTENDED
Brakes AS REQUIRED
Autobrake OFF

Taxi To Ramp

Strobe Lights OFF
Flaps UP
Spoilers RETRACTED
Taxi Lights ON
Landing Lights OFF
Speed Max. 20 knots
Transponder 1200
Elevator Trim TAKEOFF SETTING
Lights AS DESIRED

Shutdown Checklist

Brake SET
Throttle IDLE
Passenger Signs OFF
Anti-Ice OFF
Taxi Lights OFF
Nav Lights OFF
F/D OFF
Avionics OFF
Fuel Flow CUTOFF
Beacon OFF
BATT Master Switch OFF