

Pre-Start Checklist

Parking Brake SET
Throttle IDLE
Fuel Flow CUTOFF
BATT Master Switch ON
Panel Light AS REQUIRED
Avionics ON
Gear Lever CHECK DOWN
Flaps UP
Spoiler RETRACTED
FMC / FSNAV Flight Plan GENERATE / LOAD
ACTIVATE / "PLAN" button
Fuel Quantity CALC / LOAD
Engine Instruments CHECK
Pitot Heat / De-Ice / Aircraft Lighting OFF
Flight controls CHECK
Fasten Seat Belts ON
No Smoking Sign ON
Check Weather (ATIS, Flight Services)
De-Ice TEST/CHECK
Request Clearance
Transponder STANDBY
Beacon ON

Startup Checklist

Thrust Levers IDLE
Engine Area CLEAR
APU PRS ACTIVATE
APU ON ACTIVATE ==> AVAIL (green)
Mode Selector IGN
Eng 1 Start Switch START (hold)
At N2 > 20% Fuel Flow ON
N1 increasing as N2 incr. CHECK
Oil Pressure CHECK
Repeat for Eng 2

Before Taxi Checklist

Nav Lights ON
Taxi Lights ON
Heading Indicator/Altimeters SET
Standby Instruments SET
Radios & Avionics FMC/FSNAV ? SET FOR DEPARTURE
Autopilot FMC/FSNAV? SET, don't activate
Autothrottle SET, ARM, don't activate
Autobrake RTO
Request Taxi Clearance

Taxi Checklist

Brakes RELEASED

Taxi to assigned runway SPEED Max. 20 KIAS

Before Take-off Checklist

Brakes SET

Throttle IDLE

Elevator Trim SET for takeoff

Flaps 10 Deg

Spoilers RETRACTED

Engine Instruments, Nav Equipment CHECK

Takeoff Data (V1, VR, V2) CHECK

Landing Lights ON

Taxi Lights OFF

Strobe Light ON

Pitot Heat ON

De-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 = 145 KIAS (decision)

Vr = 150 KIAS (rotate)

Pitch 10 deg. nose up

V2 = 155 KIAS (safety speed)

At Positive Climb Rate Touch Brakes

Landing Gear RETRACT

At 180 KIAS RETRACT Flaps

At 210 KIAS RETRACT Slats

Climb-out Checklist

Trim for 250 KIAS
Autothrottle ACTIVATE
Autopilot ACTIVATE
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 280 KIAS

Cruise Checklist (above FL 180)

At Transition Altitude (FL180) set Altimeter to 29,92" (1013mb)
Accelerate to cruise speed FL180 0.69 M 345 KIAS
FL240 0.76 M 335 KIAS
FL280 0.80 M 325 KIAS
FL330 0.82 M 300 KIAS
Engine+Instruments CHECK
Fuel Quantity CHECK
Radios TUNED and SET
Autopilot CHECK and SET
Lights as required

Descent Checklist

Atis/Airport Information CHECK
Altimeter CHECK
Radios SET
De-Ice AS REQUIRED
Descent Speed to FL240 0.75 M
to FL180 0.65 M
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 :

Landing Lights ON
Fasten Seat Belts ON
No Smoking Sign ON
Avionics + Radios SET
Speed: Establish 210 KIAS
Auto Spoilers ARM
Autobrake SET
Flaps 10 deg
Speed: Establish 180 KIAS
Flaps 15-20 deg
Speed: Establish 160 KIAS
Landing Gear DOWN
Turning toward runway: set flaps FULL

Final Glideslope Descent :

Speed Establish 150 KIAS
Park brakes VERIFY OFF

Landing Checklist

Landing Gear CHECK DOWN

Autopilot OFF

Autothrottle OFF

Landing Speed 145 KIAS

After touchdown Apply Reverse Thrust, at

60 KIAS: Cancel Reverse Thrust

Spoilers VERIFY EXTENDED

Brakes AS REQUIRED

Taxi To Ramp

Strobe Lights OFF

Flaps UP

Spoilers RETRACTED

Taxi Lights ON

Landing Lights OFF

Speed Max. 20 KIAS

Transponder OFF

Elevator Trim TAKEOFF SETTING

Lights AS DESIRED

APU PRS ACTIVATE

APU ON ACTIVATE ==> AVAIL (green)

Shutdown Checklist

Brake SET

Throttle IDLE

Passenger Signs OFF

Aircondition fan OFF

Pitot Heat / De-Ice OFF

Taxi Lights / Nav Lights OFF

Avionics OFF

Fuel Flow Eng. 1 / Eng. 2 OFF

Beacon OFF

GEN Switches 1 – 2 OFF

APU PRS OFF

Panel Light OFF

BATT Master Switch OFF