

The Boeing normal Operations Checklist (for flight simulation use only)

Pre-Start Checklist

Parking Brake SET
Throttle IDLE
Fuel Flow CUTOFF
BATT Master Switch ON
Panel Lights ON if required
Hydraulic Pump Switches ON
Landing Gear Lever CHECK DOWN
Flaps UP
Spoiler RETRACTED
APU START/CHECK RUN
APU Gen ON/CHECK VOLTS
Fuel Quantity CHECK
Pitot Heat/De-Ice OFF
Aircraft Lighting OFF
Flight controls FREE AND CORRECT
Passenger Signs OFF
Check Weather Atis, Flight Services
De-Ice TEST/CHECK

Request Clearance

Transponder STANDBY
Beacon ON
Anti Collision Lights ON

Startup Checklist

Thrust Levers IDLE
Engine Area CLEAR
Engine Start Switches GND/IGN BOTH
Fuel Pump Switches ON
Left Engine
Master Starter Switch ON
At N2 > 20% Fuel Flow CHECK ON
N1 increasing as N2 incr. CHECK
Oil Pressure CHECK
Generator Switch ON

Repeat for Right Engine

Fuel Pump Switches OFF
APU Gen, APU OFF

Before Taxi Checklist

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

Request Taxi Clearance Contact ATC/GROUND
..... Use your KLM-VA Workpad
..... For storage of information from ATC and Route

Taxi Checklist

Parking Brake RELEASE
Taxi to assigned runway SPEED Max. 20 knots
Brakes/Gyro/Tum Coordinator CHECK

Before Take-off Checklist

Parking Brake SET
Throttle IDLE
Elevator Trim SET for takeoff
Flaps 5 deg
Spoilers RETRACTED
Flight Instruments CHECK
Engine Instruments CHECK
Takeoff Data (V1, VR, V2) CHECK
Nav Equipment 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 60% N1 let spool up
Takeoff Thrust FULL or TO/GA
Brakes RELEASE

Take-off SPEEDS

V1=..... 145 KIAS (decision)

Vr= 150 KIAS (rotate)

Pitch..... 10 deg. nose up

V2= 160 KIAS (safety speed)

At Positive Climb Rate Touch Brakes

Landing GearRETRACT

At 1000' AGL RETRACT Laps to 1 deg

At 210 KIAS..... RETRACT flaps up

Climb-Out Checklist

Throttle AS REQUIRED

Trim for 250 KIAS/1800 fpm

Autopilot/Autothrottle CHECK and ACTIVATE

Autobrake OFF

Below 10000' max. Speed 250 KIAS

ATC AS REQUIRED

Fasten Seat Belts OFF

No Smoking Sign OFF

Landing Lights OFF

Cruise Checklist (above FL 180)

Alts Transition Altitude (FL 180) set Altimeter to 29,92" (1013mb)

Accelerate to cruise speed

FL180 0.67 mach (330 KIAS)

FL240 0.75 mach (330 KIAS)

FL280 0.78 mach (320 KIAS)

FL330 0.78 mach (285 KIAS)

Engine+InstrumentsCHECK

Fuel Quantity.....CHECK

Radios.....TUNED and SET

Autopilot.....CHECK and SET

Lights..... as required

Descent Checklist

Atis/Airport InformationCHECK

Altimeter.....CHECK

Radios SET

De-Ice AS REQUIRED

Descent Speed toFL240 0.75 mach

.....to FL180 0.65 mach

At Transition Altitude (FL180) reset Altimeter to **local**

..... to FL120 280 KIAS

..... below 10'000ft 250 KIAS

Fuel Quantities and Balance.....CHECK

Flaps/Landing Gear CHECK UP

CHECK Weather ATIS, Flight Services, ACARS

Approach Checklist

Localizer Level Flight:

- Fasten Seat Belts ON
- No Smoking Sign ON
- APU START ON/CHECK RUN
- APU Gen ON/CHECK VOLTS
- Avionics+Radios SET
- Speed: Establish 210 KIAS
- Landing Lights ON
- Auto Spoilers ARM
- Autobrake SET
- Flaps 5-10 degrees
- Speed: Establish 175 KIAS
- Flaps 15-20 degrees
- Speed: Establish 155 KIAS
- Landing Gear DOWN
- Turning toward runway:... set flaps 30 degrees or FULL

Final Glideslope Descent:

- Speed Establish 140 KIAS
- Parking Brake VERIFY OFF
- De-Ice AS REQUIRED

Landing Checklist

- Landing Gear CHECK DOWN
- Autopilot and 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

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

Shutdown Checklist

Parking Brake SET
Throttle IDLE
Passenger Signs OFF
Pilot Heat/De-Ice OFF
Taxi/NAV Lights OFF
F/D OFF
Master Starter Swiches OFF
Beacon/Anti Collision Lights OFF
Hydraulic Pump Switches OFF
APU Gen APU OFF
Batt Master Switch OFF

Securing Aircraft

Parking Brake Verify SET
Throttle Verify IDLE
All Switches Verify OFF

Summary

SimAviatik wants you to understand the principles of professional flight. We want to use the same rules and company procedures, we want yo to become the real thing of possible.