

Boeing 7E7-800

Microsoft Flight Simulator 2004

Aircraft : Robert Versluys
Panel : Ken Mitchell



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The B7E7-800 Dreamliner is to have it's first flight in 2007. So, there is no aircraft already flying. Robert Versluys says: The visual model and flight dynamics are based on preliminary drawings and the few available data from the Boeing Company.
Ken Mitchell says: This is just what I felt the panel might be like.

Pre-Start Checklist

Parking Brake	SET
Throttle	IDLE
Fuel Flow	CUTOFF
BATT Master Switch	ON
Panel Light	ON AS REQUIRED
Gear Lever	CHECK DOWN
Flaps	UP
Spoiler	RETRACTED
Fuel Quantity	CHECK
Engine Instruments	CHECK
De-Ice / Aircraft Lighting	OFF
Flight controls	FREE AND CORRECT
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
MFD	EICAS2
Eng 1 Start Switch 1	START
At N2 > 20% Fuel Flow Eng 1	ON
N1 increasing as N2 incr.	CHECK
Generator Switch 1	ON
Eng 2 Start Switch 2	START
At N2 > 20% Fuel Flow Eng 2	ON
N1 increasing as N2 incr.	CHECK
Generator Switch 2	ON
De-Ice	AS REQUIRED
MFD	EICAS 1

Securing Aircraft

Parking Brake	Verify SET
Throttle	Verify IDLE
All Switches	Verify OFF



Landing Checklist

Autoland	Available ?
Landing Gear	CHECK DOWN
Autopilot and Autothrottle	OFF and all deactivated
Landing Speed	150 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/OFF
Elevator Trim	TAKEOFF SETTING (+1,8)
Lights	AS DESIRED

Shutdown Checklist

Parking Brake	SET
Throttle	IDLE
Passenger Signs	OFF
Pitot Heat	OFF
De-Ice	OFF
Taxi Lights	OFF
Nav Lights	OFF
F/D	OFF
Fuel Flow	CUTOFF
Generators	OFF
Beacon	OFF
Panel Light	OFF
BATT Master Switch	OFF

Before Taxi Checklist

Nav Lights	ON
Taxi Lights	ON
Heading Indicator	SET
Altimeter	SET
Standby Instruments	SET
Radios and Avionics	SET FOR DEPARTURE
Autopilot	SET, don't activate
Autothrottle	SET, don't activate
F/D	ON
Autobrake	RTO
Elevator Trim	SET for takeoff (+1,8)

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

Parking Brake	SET
Throttle	IDLE
Flaps	5-10 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
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 =	155 KIAS (decision)
Vr =	160 KIAS (rotate)
Pitch	10 deg. nose up
V2 =	165 KIAS (safety speed)
At Positive Climb Rate	Touch Brakes
Landing Gear	RETRACT
At 190 KIAS	RETRACT Flaps to 5 deg
At 210 KIAS	RETRACT flaps up

Climb-out Checklist

Throttle	AS REQUIRED
Trim for	250 KIAS
Autopilot and Autothrottle	CHECK and ACTIVATE
Autobrake	OFF
Below 10000' max. speed	250 KIAS
ATC	AS REQUIRED
Passenger Signs	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 0.68 mach (335 KIAS)
	FL240 0.78 mach (345 KIAS)
	FL280 0.85 mach (350 KIAS)
	FL330 0.85 mach (315 KIAS)
	FL380 0.85 mach (280 KIAS)
	FL410 0.85 mach (260 KIAS)
	FL430 0.85 mach (245 KIAS)
Service Ceiling	
Engine+Instruments	CHECK
Fuel Quantity	CHECK
Radios	TUNED and SET
Lights	AS REQUIRED

Descent Checklist

ATIS/Airport Information	CHECK
Altimeter	CHECK
Radios	SET
De-Ice	AS REQUIRED
Descent Speed	to FL240 0.78 mach
	to FL180 0.68 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	210 KIAS
MFD	EICAS 1
Landing Lights	ON
Auto Spoilers	ARM
Autobrake	SET
Flaps	5-10 degrees
Speed: Establish	180 KIAS
Flaps	15-20 degrees
Speed: Establish	160 KIAS
Landing Gear	DOWN
Turning toward runway: set flaps	25 degrees or FULL

Final Glideslope Descent :

Speed Establish	155 KIAS
Parking Brake	VERIFY OFF
De-Ice	AS REQUIRED