PMDG B737-800 AUTHOR: ABBREVIATED CHECK LIST Ettienne Brunsdon (July 2023)

NORMAL PROCEDURES VERSION: 1.3

This checklist has been created for and is intended for flight simulator use only. It's a compromise between pure realism and having fun as a casual flightsim pilot.

Where possible, I've optimised workflow for single pilot operation and have included procedures like FMS steps and settings, but staying as close as possible to real checklists for the Boeing 737-800 PMDG model.



AIRCRAFT SPECIFICATIONS: AL	L AFRICAN AIRWAYS / NEWSKY
Dry Operating Weight	41 413 kg
Max Zero Fuel Weight	62 732 kg
Max Take Off Weight	79 333 kg
Max Landing Weight	66 361 kg
Cargo Limit	20 097 kg

PRE-FLIGHT, INITIAL PREPRATION A	ND POWER LIP
FRE-FEIGHT, INTHAL FREFRATION A	AND FOWER OF
Aircraft	External Inspection
Panel State	As Required
Cockpit Door	Unlocked and Open (inop)
Time, Weather, Multiplayer Status	Configure, Check as Required
	3. 3, 3 3. 3, 3
Controllers	Check
Thrustmaster	Gear, Down
(Reversers: Release Lock)	Parking Brakes, Released
(TO/GA: Button 2 on Joystick)	Fuel Cut-off Switches, Off
Parking Brakes	Set, As Required
Throttles	Closed
Flaps	Up
Spoilers	Up
Landing Gear	Down
Reverse Thrusters	Off
Fuel Cut-off levers	Cut-Off
External Lights	Off
Position Lights	Steady
Chocks	Secured
Battery	On, Guard Closed
Emergency Exit Lights	On, Guard Closed
Ground Power	Call, Connected
Ground Power	Available
Ground Power	On
Standby Power	Auto (Guard Closed)
Power Selector	Battery (Bat) (Guard Closed)
Battery Readouts	Observe, Check within Parameters
1.65 1.5	<u> </u>
Left Fuel Pumps AFT	On
APU	On -> Start
Donal Lights	As Doguired
Panel Lights	As Required
Aircraft Maintenance	As Required
Transponder	Stby
Папэрописі	Otby
IRS L,R	Off -> Align -> Nav
II.O L,IX	OII -> Aligii -> Ivav
APU EGT	Check Stable
/ II O LOI	OHOUR GLADIE

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APU Available	Check Light On
APU Generators	On
APU Bleed	On
Packs 1,2	Auto
Isolation Valve	Auto
Logo Lights	On
Wheel Well Lights	On
Voice Recorder	Auto
Cabin Temperatures	Set, As Required
Trim Air	On
Recirc Fans L,R	Auto
Cabin Doors	Open, As Required
Ground Services	As Required
Route	Plan, Simbrief
Flightplan	Compile, Submit, Edit, Save
Navigation Maps	Load (From Saved Flightplan)
3.00.2	3 1 1
Fuel	Request (Use FMC)
Payload	As Required (User FMC)
CÓG	Check
Passengers, Cargo	Board, Load
,	,
Radio Call	Copy IFR Clearance
Maximum Take-Off Weight	Check, Confirm in Range
Yaw Dampers	On
Cab/Util Switches	On
IFE Pax Seats	On
Window Heat Switches	On
Probe Heat Switches A,B	On
Wing Anti-Ice	Off
Engine Anti-Ice	Off
Hydraulic Pumps Switches 1,2,3,4	On
Flight Altitude	Set
Landing Altitude	Set
Alt Pressure Selector	Auto
Transponder	Set

MAIN PANEL CONFIGURATION	
Mantan Cautian	Decell - Decet
Master Caution	Recall -> Reset
VOR Selectors 1,2	On (D) (d) (d)
Flight Directors L,R	On (Recycle for turn-around flights)
Auto Throttle	Off
Course L,R	Runway Heading
Heading Dial	Departure Heading
Heading Dial	Set Bank Angle
Autopilot Disengage Bar	Up
FLIGHT MANAGEMENT COMPUTER	CONFIGURATION
FMC Setup	As Required
GPS Positioning	As Required
Route Details	Insert, Load
Takeoff Data	Insert
Departure and Arrival Data	Insert
Discontinuities	Check and Attend
Flight Plan	Execute
Trim	Set for Take-off (as per FMC)
MCP Speed	Set for Take-off (as per FMC)
•	, ,
Climb Profile	Set (240 knots below 10 000 ft)
Cruise Attitude, Initial Climb Altitude	Check
Progress Fuel Reserves	Check
ACARS	Initiate, Start Flight, Check Online
	J , L
BEFORE START CONFIGURATION	
Auto-brakes	RTO
Altitude	Initial Cleared Altitude
7 Hillado	Timal Cloured / timade
Comms Frequencies	ATIS Frequency Set (As Required)
Navigation Frequencies VOR 1,2	Set (As Required)
Trangation Froquentition VOIC 1,2	
Fire Warning Systems	Test
Cockpit Lights	Test
Fuel on Board	Check, Balanced
	·
Passengers Boarding, Cargo Loading	Completed, Completed

Radio Call Ready for Push and Start Fuel Pumps Aft, Fwd All On, As Required Seatbelt Signs On Engine Bleed Switches L,R Anti Collision Lights On Wheel Well Lights Off Cockpit Door Parking Brakes Chocks, Ground Services Cabin Doors, Hatches Closed, Crosscheck Pushback Area Clear Pushback Area Clear Pushback Parking Brakes Release When Prompted Chrono (Stopwatch) Throttles Closed Packs L,R Engine Ignition Switch Alternate Between L,R Engine 2 (Right) Start Switch Engine 2 Parameters Check Engine 2 Start Valve Check Off Engine 1 (Left) Start Procedure Parking Brakes Set After Pushback as Prompted Check Engine 2 Parking Brakes Set After Pushback as Prompted Check Engine 2 Parking Brakes Set After Pushback as Prompted	PUSHBACK AND ENGINES STARTUP	
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Seatbelt Signs Engine Bleed Switches L,R Anti Collision Lights On Wheel Well Lights Off Cockpit Door Parking Brakes Chocks, Ground Services Cabin Doors, Hatches Closed, Crosscheck Pushback Pushback Area Clear Pushback Parking Brakes Release When Prompted Chrono (Stopwatch) Reset, Start Throttles Closed Packs L,R Engine Ignition Switch Cround Engine 2 N2 Reading Engine 2 Start Switch Engine 2 Start Switch Engine 2 Start Switch Engine 2 Start Valve Parking Brakes Set After Pushback as Prompted Set Apu Generators Closed Apu Generators Check Check Check Off C		
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Engine 2 Start Valve Check Off Engine 1 (Left) Start Procedure As for Engine 2 Parking Brakes Set After Pushback as Prompted Engine Generators 1,2 APU Generators Off		Check Off
Engine 1 (Left) Start Procedure As for Engine 2 Parking Brakes Set After Pushback as Prompted Engine Generators 1,2 APU Generators Off	· ·	
Parking Brakes Set After Pushback as Prompted Engine Generators 1,2 On APU Generators Off		
Parking Brakes Set After Pushback as Prompted Engine Generators 1,2 On APU Generators Off	Engine 1 (Left) Start Procedure	As for Engine 2
Engine Generators 1,2 On APU Generators Off		
Engine Generators 1,2 On APU Generators Off	Parking Brakes	Set After Pushback as Prompted
APU Generators Off		
APU Generators Off	Engine Generators 1,2	On
ETIQITE DIECU SWILCHES 1,2 UII	Engine Bleed Switches 1,2	On
APU Bleed Switches Off		
APU Master Switch Off		
Packs L,R Auto		
Trim Check for Take-off	Trim	Check for Take-off
Flaps 5 Degrees, As Required / Configured	Flaps	5 Degrees, As Required / Configured

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Barometer Selection	HPA (Or as Required)
Local QNH (Main and Backup) L,R	Set (B)
Decision / Radio Height	Set (200 ft or as needed)
Initial Altitude	Check
TAXI	
Taxi Lights	On
Weather, Terrain Radar Systems	On, As Required
All Controls	Test
Parking Brakes	Released
Radio Call	Request Taxi
Thrust	Full (Check Annunciators)
Thrust	For Taxi (20 knots)
Brakes	Test
Taxi	As Required
Fuel on Board	Check
ACARS	Online and Active

BEFORE DEPARTURE (HOLDING PO	INT)
Parking Brakes	Set
Auto Throttle	Arm
Autopilot Heading Selector	On
V-Nav	On
Runway Turn-off Lights	On
Landing Lights	On
Taxi Lights	Off
Engine Start Switch 1,2	Continuous
Position Lights	Strobe & Steady
Wing Lights	On
Wing, Engine Anti Ice	As Required
Cabin	Prepare for Departure Ping
TCAS	Test, TA/RA
TFC (Traffic)	On
Radio Call	Ready for Departure
Runway Approach	Clear
Local QNH L,R	Check (B)
Parking Brakes	Release
Line-up	As required
Before Take-Off Checklist	Complete
Flaps	Set for Take-Off
Trim	Set for Departure
Local QNH	Set (B)

DEPARTURE	
DEI ARTORE	
Radio Call	Departure
Tudio dan	Dopartaro
Thrust	40-50% N1
Engines, Systems	Check Stable
To/Go	Activate (Joystick Button 2)
Take-off Thrust	Set, Stable
Airspeed	Check Active
V1, VR, V2	Check, Announce
Rotate	As Required
	<u>'</u>
Positive Rate of Climb	Gear Up
Flight Director	Follow
Autopilot	CMD A Engage
VNAV, LNAV	On (As Required)
	, ,
Heading Selector	Off (As Required)
Flaps	Incremental Up
Engine Start Switches 1,2	Off
Gear	Off
Auto Brakes	Off
After Departure Checklist	Complete
Engine Bleeds 1,2	On
Packs L,R	Auto
Landing Gear	Up, Off
Flaps	Retracted, No Lights
CLIMB	
Navigation	Resume
Speed	As Required
Heading Bug	Update
Systems	Check
Wing, Engine Anti-Ice	As Required

10 000 FEET	
Landing Lights	Off
Runway Turn-off lights	Off
Seatbelt Signs	Auto, As Required
Systems	Monitor
Heading Bug	Update
TRANSITION ALTITUDE	
QHN	L,R Standard (1013 HPa)
EN-ROUTE NAVIGATION	
Systems	Check
Seatbelt Signs	As Required
Wing, Engine Anti-Ice	As Required
Heading Bug	Update
BEFORE TOP OF DESCENT	
	DI D II II METADOD I
Arrival	Plan, Destination METARS Review
Cockpit door	Closed and Locked (inop)
Auto-Pilot Systems	As Required
ENAC	Day and Ari al Data OTAD D
FMC	Program Arrival Data, STAR, Rway
FMC	Check for Discontinuities
FMC (Decemble Foregoet)	Destination Range Rings As Required
FMC (Descent Forecast)	Destination Flight Level: Set
Comms Radio Frequencies	Destination ATIS frequency set
Nav Frequencies	Destination Frequencies set
Heading Bug	Update
Maximum Landing Weight	Check Within Limits
Destination Fuel Reserves	Check Within Limits

DECENT	
DECENT	
Radio Call	Commencing Descent
Nadio Juli	Commenting Descent
Initial Cleared Altitude	Set
Auto-Pilot Systems	As Required
Systems	Check
Speed and Descent Rate	Monitor
FMC Landing Flap settings	Select
Course L,R	Runway Or ILS Heading
Wing, Engine Anti-Ice	As Required
Heading Bug	Update
Terrain Radars	On, As Required
Autobrakes	Set, As Required
Descent Checklist	Complete
Pressurisation	Set
Landing Altitude	Set
Recall	Check, Reset
Autobrakes	Set
Landing Data	Set, VRef, Minimums
Approach Briefing	Complete
10 000 FEET	
Landing Lights	On
Runway Turn-off lights	On
Seatbelt Signs	On
Heading Bug	Update
Speed	As Required (<250 knits)
TRANSITION ALTITUDE	
QHN	QHN: L,R Local Set (B)

INITIAL APPROACH	
Local QNH	Check (B)
Bank Angle	Set, As Required
Wing, Engine Anti-Ice	As Required
Speed	As Required (+- 180 knots)
Flaps	As Required
Systems	Check
Engine Start Switch 1,2	Continuous
ILS Frequencies 1,2	As Required
Backup ILS	On, Approach
Heading Bug	Update
APPROACH	
Local QNH	Check (B)
Wing, Engine Anti-Ice	As Required
Autopilot	VOR/Localiser On, Armed
Localiser	Intercept
Radio Call	Established on Localiser
Speed	As Required
Flaps	Incremental Down
Speed Brakes	Armed
Heading Bug	Runway Heading
Cabin Crew	Prepare for Landing Ping
Approach Checklist	Complete
Altimeters	Local QNH Set (B)

FINAL APPROACH (GLIDESLOPE)	
FINAL APPROACH (GLIDESLOPE)	
Local QNH	Check (B)
Master Caution	Recall, Reset
Autopilot	App, Armed
Landing Gear	Down
Speed	As Required (+-160 knots)
Approach	Stable
причина	Otable
Glide Slope	Intercept
FMC Landing Speed, Flap Settings	Check, Update
Speed	V-App
Flaps	Incremental Down
Radio Call	Final Approach, Clear to Land
Altitude	Missed Approach Altitude Set
Autopilot A,B	Engage for Auto-landing
Refere Landing Checklist	Complete
Before Landing Checklist	Complete
Engine Start Switches 1,2	Continuous
Engine Start Switches 1,2	Continuous
Engine Start Switches 1,2 Speed-brakes	Continuous Armed
Engine Start Switches 1,2 Speed-brakes Landing Gear	Continuous Armed Down and Green
Engine Start Switches 1,2 Speed-brakes Landing Gear Flaps	Continuous Armed Down and Green Set and Green
Engine Start Switches 1,2 Speed-brakes Landing Gear Flaps	Continuous Armed Down and Green Set and Green
Engine Start Switches 1,2 Speed-brakes Landing Gear Flaps Auto-brakes	Continuous Armed Down and Green Set and Green
Engine Start Switches 1,2 Speed-brakes Landing Gear Flaps Auto-brakes	Continuous Armed Down and Green Set and Green
Engine Start Switches 1,2 Speed-brakes Landing Gear Flaps Auto-brakes LANDING	Continuous Armed Down and Green Set and Green Set
Engine Start Switches 1,2 Speed-brakes Landing Gear Flaps Auto-brakes LANDING Autopilot	Continuous Armed Down and Green Set and Green Set Disengaged (As Required)
Engine Start Switches 1,2 Speed-brakes Landing Gear Flaps Auto-brakes LANDING Autopilot Auto-Throttle	Continuous Armed Down and Green Set and Green Set Disengaged (As Required) Off (As Required)
Engine Start Switches 1,2 Speed-brakes Landing Gear Flaps Auto-brakes LANDING Autopilot Auto-Throttle Touchdown	Continuous Armed Down and Green Set and Green Set Disengaged (As Required) Off (As Required) As Required
Engine Start Switches 1,2 Speed-brakes Landing Gear Flaps Auto-brakes LANDING Autopilot Auto-Throttle Touchdown Thrust	Continuous Armed Down and Green Set and Green Set Disengaged (As Required) Off (As Required) As Required Reverse Set (Joystick Button 1)
Engine Start Switches 1,2 Speed-brakes Landing Gear Flaps Auto-brakes LANDING Autopilot Auto-Throttle Touchdown Thrust 80 knots: Reverse Thrust	Continuous Armed Down and Green Set and Green Set Disengaged (As Required) Off (As Required) As Required Reverse Set (Joystick Button 1) Off
Engine Start Switches 1,2 Speed-brakes Landing Gear Flaps Auto-brakes LANDING Autopilot Auto-Throttle Touchdown Thrust 80 knots: Reverse Thrust Brakes	Continuous Armed Down and Green Set and Green Set Disengaged (As Required) Off (As Required) As Required Reverse Set (Joystick Button 1) Off Apply
Engine Start Switches 1,2 Speed-brakes Landing Gear Flaps Auto-brakes LANDING Autopilot Auto-Throttle Touchdown Thrust 80 knots: Reverse Thrust Brakes Auto-Brakes	Continuous Armed Down and Green Set and Green Set Disengaged (As Required) Off (As Required) As Required Reverse Set (Joystick Button 1) Off Apply Off
Engine Start Switches 1,2 Speed-brakes Landing Gear Flaps Auto-brakes LANDING Autopilot Auto-Throttle Touchdown Thrust 80 knots: Reverse Thrust Brakes Auto-Brakes	Continuous Armed Down and Green Set and Green Set Disengaged (As Required) Off (As Required) As Required Reverse Set (Joystick Button 1) Off Apply Off
Engine Start Switches 1,2 Speed-brakes Landing Gear Flaps Auto-brakes LANDING Autopilot Auto-Throttle Touchdown Thrust 80 knots: Reverse Thrust Brakes Auto-Brakes Runway	Continuous Armed Down and Green Set and Green Set Disengaged (As Required) Off (As Required) As Required Reverse Set (Joystick Button 1) Off Apply Off Vacate

TAXI	
Engine Start Switch 1,2	Off
Landing Lights	Off
Runway Turn-off Lights	Off
Taxi Lights	On
Position Lights	Steady
Flaps	Retract
Transponder	STBY
For turn-around flight: APU	Start
Taxi	To Gates as required
Weather, Terrain Radars	Off
Backup ILS	Off
Wing, Engine Anti-Ice	Off
Flight Directors L,R	Off
Tilgrit Bilostoro E,rt	011
TURN-AROUND SHUT-DOWN	
Parking Brakes	Set
T Girming District	
Radio Call	In the Blocks, Request Shutdown
	, , , , , , , , , , , , , , , , , , , ,
APU	Check available
APU Generators	On
Engine Generators	Off
APU Bleeds	On
Engine Bleed Switches	Off
Fuel Cut-off Switches L,R	Off
Chrono L,R	Reset
Taxi Lights	Off
Engine 1, 2	Spooled Down
All External Lights	Off (Anti-Collision Light: End Newsky)
Chocks	Secure
Parking Brakes	Released
Seatbelt Signs	Off
Cabin and Cargo Doors	Open
Ground Services	As Required
Cockpit Door	Open (inop)
Passengers, Cargo	Deboard, Unload

PMDG 737-800 - For MS Flight Simulator 2020 Purposes Only

ACARS	End Flight, Submit PIREP
Next Flight	Proceed with Pre-flight checklist