

PMDG BOEING 737 CHECKLIST

COLORS CODE: OVERHEAD THROTTLE MAIN RADIOS

PRE-FLIGHT

- BATT----- ON
- STBY POWER----- ON
- GRD POWER----- ON
- CLOCK----- SET
- TEST FIRE WRN----- 1 – 2
- ENGINE TEST----- 1 – 2 (Three green)
- FUEL PUMPS
 - FWD LEFT----- ON
 - CENTER LEFT----- ON
- APU
 - APU----- START (EGT rise and stabilize, red light OFF, APU GEN blue light ON)
 - APU GEN----- ON (Both)
- YAW DAMPER----- ON
- CAB/UTIL----- ON
- IFE/PASS----- ON
- EMER EXIT LIGHTS----- ARMED
- NO SMOKING/FASTEN BELTS----- ON
- ENGINE START----- IGN R (First fly, the rest IGN L)
- WINDOWS HEAT----- ON (Fourth)
- ELEC1/ELEC2----- ON
- ISOLATION VALVE----- OPEN
- ENGINE BLEED 1 – 2----- OFF (Beside APU BLEED)
- APU BLEED----- ON
- LPACK/RPACK----- AUTO
- PRESURIZATION
 - FLT ALT----- CRUISE ALTITUDE (Feets)
 - LAND ALT----- DEST ALTITUDE (Feets)

PROGRAMMING FMC

- INIT REF page-----REF AIRPORT----- ORIGIN
- RTE page----- ORIGIN - DEST - N° FLIGHT
- DEP ARR page-----DEP/ARR----- SELECT SID/STAR (Confirm with EXEC)
- LEGS page----- INTRODUCTION OF ROUTE MANUALLY BY WAYPOINTS
- RTE page-----page 2----- AIRWAY + FINAL WAYPOINT OF EACH AIRWAY (Review FP consistency)
- INIT REF page
 - GW – FUEL – ZFW----- PUSH LSK TO OBTAIN VALUE
 - RESERVES----- 2000 – 5000 POUNDS
 - COST INDEX----- 85
 - TRIP/CRZ ALT----- CRUISE FL (In thousands of feet) EXEC
- N1 LIMIT page
 - SEL/OAT----- 36 or TO – TO-1 – TO-2 / CLB – CLB-1 – CLB-2
 - TAKE OFF
 - FLAPS----- 5 (737 – 737) / 10 (738 – 739)
 - V1 – VR – V2----- PUSH LSK TO OBTAIN VALUE
 - TRIM----- TRIMER VALUE EXEC
- ---PREFLIGHT COMPLETE----- SHOW EXEC
- CLB page----- MAX RATE- MAX ANGLE (If not selected CLB or CLB derate)
- RTE page-----SAVE----- TO SAVE FP

BEFORE START

- ALTIMETER----- SET AT LOCAL QNH
- VOR/ADF SWITCHES----- AS NECESSARY
- COURSE----- SET FIRST NAVAID COURSE
- F/D----- (FLIGHT DIRECTOR)----- ON
- SPEED----- (IAS/MACH)----- SET TO V2
- HEADING----- SET TO RWY HDG
- ALTITUDE----- INITIAL ALTITUDE/FL
- AUTOBRAKE----- RTO
- STAB TRIM----- SET AS FMC TRIM VALUE
- LPACK/RPACK----- OFF
- FUEL PUMPS----- ON (Four switches)
- ANTICOLLISION LIGHTS----- ON

START ENGINES

- CUTOFF LEVERS----- DOWN
- ENGINE START RIGHT/LEFT----- GRD (When N2 > 20% then CUTOFF LEVER UP)
- GEN1/GEN2----- ON (When both engines stabilized)
- PROBE HEAT----- ON (Both)
- ENGINE BLEED 1 – 2----- ON (Beside APU BLEED)
- LPACK/RPACK----- AUTO
- ISOLATION VALVE----- AUTO
- APU BLEED----- OFF
- APU----- OFF (Center fuel pump OFF if empty) **START TAXI**

BEFORE TAKE OFF

- PARKIN BRAKES----- RELEASE
- TAXI LIGHT (POSITION LOGO WING)----- ON (Taxi speed 15 knots, 8 knots on turns)
- ANTI-ICE (Engine – wings)----- AS NECESSARY
- FLAPS----- 5° / 10°
- ENGINE START SW----- CONT

BEFORE ALIGN

- **STROBE/LANDING LIGHTS----- ON**
- A/T------(AUTO THROTTLE)----- ARM
- LNAV----- ARM
- TCAS----- ABOVE-TA/RA
- F/D----- CONFIRM ON
- CMD A----- ON (Over 400 ft)

START TAKE OFF (Gear Flaps Lights)

AFTER TAKE OFF

- LANDING GEAR----- OFF
- AUTOBRAKE----- OFF
- ENGINE START SW----- OFF (CONT If anti-ice ON)
- ALTIMETER----- SET TO STANDARD (After TA)
- VNAV----- ON (Over 1000 ft)
- LANDING/TAXI LIGHTS----- OFF (Over 10000ft)
- NO SMOKING/FASTEN BELTS----- OFF (Over 10000ft)

TAKE OFF

THROTTLERS----- 70% N1
T/O----- PUSH

R.T.O

BEFORE V1
THROTTLERS-- IDLE
A/T----- OFF
REVERSE----- ON

CRUISE

- ANTI-ICE----- AS REQUIRED
- TCAS----- NEUTRAL
- FMC-----LEGS page----- REVIEW FP CONSISTENCY

DESCENT

- ANTI-ICE----- AS REQUIRED
- FMC
 - REVIEW SPEED/ALTITUDE RESTRICTIONS
 - FORECAST WINDS AND TA
 - INTRODUCE STAR AND APPROACH
 - INIT REF page---LANDING FLAP--- 30 (736-737) 40 (738-739)
- TCAS----- BELOW
- AUTOBRAKE----- AS NECESSARY (Usually 2)
- ALTIMETER----- SET AT TL
- ALTITUDE SELECTOR----- SET TO APP ALT (Before T/D)
- LANDING/TAXI LIGHTS----- ON (Below 10000ft)
- NO SMOKING/FASTEN BELTS----- ON (Below 10000ft)

At VR----- ROTATE <8°
At >20ft increase rotate until speed stops
Maintain V2+10 (pitch 20° approx)
Reduce pitch (20°/2) to accelerate
Retract flaps

MISSED APPROACH

A/T----- OFF
THROTTLERS----- HIGH
ALTIMETER----- SET
A/P----- CMD ON
A/T----- ON
HDG----- SEL ON

APPROACH

- WHITE MARK----- LANDING FLAP & **GEAR**
- **ILS FREQ----- NAV1 - NAV2**
- **COURSE----- ILS COURSE**
- **AUTOPILOT----- APP (To intercept ILS)**
- **SPEED----- VREF+5**
- SPOILERS----- ARM
- **ENGINE START SW----- CONT**
- ENGINE INDICATOR----- CONFIRM G/A (Go around UP display)
- ND DISPLAY----- APP (Best appreciation of ILS/GS)
- SPEED----- VREF (Until 30 ft)

TOUCH DOWN

- THROTTLERS----- IDLE AT TOUCH DOWN
- REVERSE----- ON (F2 hold, until 80 knots)
- AUTOBRAKE----- OFF (At 60 knots)

SHUT DOWN

- DURING TAXI
 - AUTO THROTTLE----- DISARM
 - SPEED BRAKE LEVER----- DOWN
 - AUTOBRAKE----- CONFIRM OFF
 - FLAPS----- UP
 - PROBE HEAT----- OFF
 - ENGINE START SW----- OFF
 - LANDING/STROBE LIGHTS----- OFF
 - F/D----- OFF
 - TCAS----- STBY
- AT THE GATE
 - PARKING BRAKES----- SET
 - CUTOFF LEVERS----- DOWN
 - ANTICOLLISION LIGHTS----- OFF
 - GROUND POWER----- ON
 - FUEL PUMPS----- OFF
 - CAB/UTIL AND IFE/PASS----- OFF
 - NO SMOKE/FASTEN BELTS----- OFF
 - WINDOWS HEAT----- OFF
 - ELEC1/ELEC2----- OFF
 - DOORS----- OPEN

SECURE

- LPACK/RPACK----- OFF
- ISOLATION VALVE----- CLOSE
- EMER EXIT LIGHTS----- OFF
- ALL LIGHTS----- OFF
- GROUND POWER----- OFF
- BATTERY----- OFF

And that's all