



Boeing 737-800 Procedure Checklist

12 Feb 2021 / SafetyCulture Staff

Complete

Score	97.18%	Failed items	6	Actions	0
Conducted on	12th Feb, 2021 3:42 PM PST				
Prepared by	SafetyCulture Staff				
Location	2 Lacey St, Surry Hills NSW 2010, Australia				

Failed Items

6 failed

Inspection / ELECTRICAL POWER UP Procedure

MASTER FIRE WARN PUSH

No

Inspection / ELECTRICAL POWER UP Procedure

EXTINGUISHER TEST CHECK

No

Inspection / PRELIMINARY PREFLIGHT Procedure (Capt or FO)

GPS LIGHT VERIFY EXTINGUISHED

No

Inspection / PRELIMINARY PREFLIGHT Procedure (Capt or FO)

FLIGHT REC SWITCH GUARD CLOSED

No

Inspection / PREFLIGHT Procedure - FO

NAVIGATION PANEL SET

No

Inspection / PREFLIGHT Procedure - CAPTAIN

SEAT BELT ADJUST

No

Inspection

6 failed, 97.18%

ELECTRICAL POWER UP Procedure

2 failed, 87.5%

BATTERY SWITCH GUARD CLOSED	Yes
STANDBY POWER GUARD CLOSED	Yes
ALTERNATE FLAPS GUARD CLOSED	Yes
WIPER SELECTOR PARK	Yes
ELEC HYD PUMPS OFF	Yes
LANDING GEAR LEVER DOWN	Yes
If External Power is needed:	
GND PWR AVAIL GND PWR SWITCH ON	Yes
If APU Power is needed: Verify ENG1, APU, ENG2 fire switch IN	
OVERHEAT DET SWITCH NORMAL	Yes
TEST SWITCH Hold to FAULT/INOP	Yes
OVHT/DET & APU DET INOP LIGHT Verify Illuminated	Yes
TEST SWITCH Hold to OVHT/FIRE	N/A
MASTER FIRE WARN PUSH	No
EXTINGUISHER TEST CHECK	No
TEST SWITCH POS TO 1 HOLD then RELEASE (repeat for 2)	Yes
APU START	Yes
APU GENERATOR BUS ON	N/A
WHEEL WELL FIRE TEST	Yes
FIRE BELL CUTOUT PUSH	Yes

PRELIMINARY PREFLIGHT Procedure (Capt or FO)

2 failed, 80%

IRS MODE SELECTORS OFF, then NAV	Yes
VOICE REC SWITCH ON	Yes
PSEU LIGHT EXTINGUISHED	Yes

GPS LIGHT VERIFY EXTINGUISHED	No
SERVICE INTERPHONE OFF	Yes
ENGINE PANEL SET	Yes
OXYGEN PANEL SET	Yes
LANDING GEAR LIGHTS VERIFY ILLUMINATED	Yes
FLIGHT REC SWITCH GUARD CLOSED	No
PARKING BRAKE ON	Yes

CDU PREFLIGHT Procedure

100%

The initial data and Nav data entries must be completed before the Preflight Procedures. Performance Data entries must be complete before the Before Start Checklist

Yes

PREFLIGHT Procedure - FO

1 failed, 95%

FLIGHT CTRL PANEL CHECK	Yes
NAVIGATION PANEL SET	No
DISPLAYS PANEL SET	Yes
FUEL PANEL SET	Yes
ELECTRICAL PANEL SET	Yes
OVERHEAT AND FIRE PROTECTION PANEL CHECK	Yes
APU SWITCH START	Yes
EMERG EXIT LIGHT GUARD CLOSED	Yes
PASSENGER SIGNS SET	Yes
WIPER SELECTORS PARK	Yes
WINDOW HEAT ALL ON	Yes
PROBE HEAT OFF	Yes
WING ANTI-ICE OFF	Yes
ENGINE ANTI-ICE OFF	Yes
HYDRAULIC PANEL Set	Yes
AIRCON PANEL Set	Yes

PACKS=AUTO/HIGH, ISO VALVE=OPEN, ENG BLD=ON, APU BLD=ON

CABIN PRESS PANEL SET	Yes
LIGHTING PANEL SET	Yes
POSITION=ON, LOGO=ASREQ, ANTICOL=OFF, OTHERS=OFF	
IGNITION SELECT SW IGN L or R (ALTERNATE EACH FLIGHT)	Yes
ENGINE START SWITCH OFF	Yes

TUNE ATIS AND NOTE DETAILS CALL FOR DEPARTURE CLEARANCE

100%

MODE CONTROL PANEL SET	Yes
EFIS CONTROL PANEL SET (SET MINS DEP AERO, SET QNH)	Yes
OXYGEN TEST AND SET	Yes
CLOCK SET	Yes
DISPLAY SELECT PANEL SET	Yes
DISENGAGE LIGHT TEST HOLD TO 1 (repeat 2)	Yes
FLIGHT INSTRUMENTS CHECK (NO FLAGS, FMA BLANK, FD)	Yes
GROUND PROXIMITY CHECK	Yes
LANDING GEAR PANEL SET (DWN, 3 GRN, NO RED)	Yes
AUTO BRAKE RTO	Yes
ANTISKID INOP VERIFY EXTINGUISHED	Yes
ENG DISPLAY CONTROL SET (AUTO, AUTO, RATE)	Yes
ENGINE INSTRUMENTS CHECK	Yes
CARGO FIRE PANEL CHECK (DET SW=NORM, PUSH TEST, PUSH MASTER FIRE, VFY ILLUM FWD AFT DET EXTINGUISHED)	Yes
RADIO TUNING PANEL SET	Yes
TRANSPONDER PANEL SET	Yes
STAB TRIM OVERRIDE GUARD CLOSED	Yes
SEAT/RUDDER PEDALS ADJUST	Yes

PREFLIGHT Procedure - CAPTAIN

1 failed, 95.46%

LIGHTS TEST	Yes
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MODE CONTROL PANEL SET	Yes
EFIS CONTROL PANEL SET (SET MINS DEP AERO, SET QNH)	Yes
OXYGEN TEST AND SET	Yes
CLOCK SET	Yes
NOSE WHEEL STEERING GUARD CLOSED	Yes
DISPLAY SELECT PANEL SET	Yes
DISENGAGE LIGHT TEST HOLD TO 1 (repeat 2)	Yes
STAB OUT OF TRIM LIGHT EXTINGUISHED	Yes
FLIGHT INSTRUMENTS CHECK (NO FLAGS, FMA BLANK, FD)	Yes
STBY INSTRUMENTS CHECK	Yes
STANDBY RMI SET	Yes
SPEED BRAKE LEVER DOWN DETENT	Yes
REVERSE THR LEVERS DOWN	Yes
FORWARD THR LEVERS CLOSED	Yes
FLAP LEVER SET (LEVER AGREES WITH POSITION)	Yes
PARKING BRAKE SET	Yes
ENGINE START LEVERS CUTOFF	Yes
STABILIZER TRIM NORMAL	Yes
RADIO TUNING PANEL SET	Yes
SEAT/RUDDER PEDALS ADJUST	Yes
SEAT BELT ADJUST	No

Call "PREFLIGHT CHECKLIST"

BEFORE START Procedure

100%

FLIGHT DECK DOOR CLOSED & LOCKED

Yes

Do the Performance Data steps in the CDU Preflight before completing this procedure

CDU DISPLAY PF – TAKEOFF PAGE
PM – LEGS PAGE

Yes

N1 & IAS BUGS CHECK & SET

Yes

MCP SET V2 ARM LNAV/VNAV SET RWY HDG SET INIT ALTITUDE	Yes
TAXI & TAKEOFF BRIEF COMPLETE	Yes
EXTERIOR DOORS VERIFY CLOSED	Yes
FUEL PUMPS ON	Yes
CENTER FUEL PUMPS ON if < 460kg	Yes
HYDRAULIC PANEL ALL ON	Yes
ANTI COLLISION LIGHTS ON	Yes
TRIM SET __ UNITS "0"&"0"	Yes
PUSH & START OBTAIN CLEARANCE	Yes

Call "BEFORE START CHECKLIST"

ENGINE START Procedure

100%

ENGINE DISPLAY SELECT	Yes
PACKS OFF	Yes
START SEQUENCE ANNOUNCE	Yes
CALL "START __ ENGINE"	Yes
ENG START SWITCH GND	Yes
N2 RPM VERIFY INCREASING	Yes
ENGINE START LEVER IDLE AT 25% N2	Yes
MONITOR FUEL FLOW & EGT	Yes
CALL "STARTER CUTOUT"	Yes

BEFORE TAXI Procedure

100%

GENERATOR 1 & 2 ON	Yes
PROBE HEAT ON	Yes
WING ANTI-ICE AS REQUIRED	Yes
ENGINE ANTI-ICE AS REQUIRED	Yes
PACKS AUTO	Yes

ISOLATION VALVE AUTO	Yes
APU BLEED OFF	Yes
APU SWITCH OFF	Yes
ENG START SWITCHES CONTINUOUS	Yes
ENG START LEVERS IDLE DETENT	Yes
VERIFY GROUND EQUIPMENT IS CLEAR	
FLAPS SET FOR T/O	Yes
FLIGHT CONTROLS CHECK	Yes
BLANK LOWER DISPLAY	
LIGHTS TAXI/TURNOFF/WING – ON (LOGO at night)	Yes
TRANSPONDER AS REQUIRED	Yes
RECALL CHECK	Yes
UPDATE CHANGES TO TAXI BRIEF AS REQUIRED	
Call "BEFORE TAXI CHECKLIST"	
BEFORE TAKEOFF Procedure	100%
CENTER FUEL TANK < 2300kg	Yes
CABIN CREW SIGNAL	Yes
WTHR RADAR DISP AS REQUIRED	Yes
TERRAIN DISPLAY AS REQUIRED	Yes
Call "BEFORE TAKEOFF CHECKLIST"	
TAKEOFF Procedure	100%
STROBE LIGHTS ON	Yes
TRANSPONDER TA/RA	Yes
RUNWAY HDG VERIFY WITH A/C HDG	Yes
LANDING LIGHTS ALL ON (when cleared)	Yes
CLOCK/TIMER START	Yes
TAKEOFF TIME & FUEL NOTE	Yes

ADVANCE THRUST LEVERS TO APPROX 40% N1
 ALLOW ENGINES TO STABILIZE
 PRESS THE TO/GA SWITCH
 VERIFY T/O THRUST & MONITOR

AT 80 KTS CALL "CHECK"

Yes

AT V1 CALL "V1"

Yes

AT VR CALL "ROTATE"

Yes

ROTATE GENTLY TO 15° NOSE UP

AT POSITIVE RATE CALL "GEAR UP"

Yes

CLIMB OUT V2+15-25 (is optimal)

Yes

ABOVE 400FT RADIO VERIFY ROLL MODE

Yes

AT ACCEL HEIGHT VERIFY CLIMB THRUST
 RETRACT FLAPS WHEN WITHIN 20 KTS OF FLAP SPEED MARKER. WHEN FLAPS ARE UP:

AFTER FLAPS UP CALL VERTICAL MODE

Yes

ENG BLD & PACKS ON

Yes

ENG START SWITCHES AS REQUIRED

Yes

AUTOBRAKE OFF

Yes

LANDING GEAR OFF

Yes

RETRACT/TAXI LIGHTS OFF

Yes

Call "AFTER TAKEOFF CHECKLIST"

CLIMB & CRUISE Procedure

100%

ABOVE 10,000FT (MSL or AGL):

CENTER FUEL TANKS OFF < 460kg

Yes

LIGHTS LANDING, TURNOFF, WING (LOGO) – OFF

Yes

PASSENGER SIGNS AS REQUIRED

Yes

AT TRANSITION ALT SET STD AND X-CHECK

Yes

AT LEAST 10MINS PRIOR TO TOD:

FMS/CDU LOAD STAR,RWY,MAP

Yes

DESCENT Procedure

100%

CENTER FUEL TANKS OFF < 1400kg	Yes
PRESSURIZATION CHECK LANDING ALT	Yes
SYSTEM ANNUNC RECALL & REVIEW	Yes
VREF SELECT IN CDU	Yes
MINIMA SET BARO/RAD MINS	Yes
NAVAIDS TUNE & SET APP CRS	Yes
AUTOBRAKE SELECT	Yes
APPROACH BRIEFING CONDUCT	Yes
Call "DESCENT CHECKLIST"	

APPROACH Procedure

100%

BELOW 10,000FT (MSL or AGL):

PASSENGER SIGNS ON	Yes
LIGHTS FIXED LND, TURNOFF, WING (LOGO) - ON	Yes
WHEN CLEARED BELOW TRANSITION LEVEL:	
ALTIMETERS SET QNH & X-CHECK	Yes
RNP & APP PROCEDURE UPDATE AS REQUIRED	Yes

Call "APPROACH CHECKLIST"

LANDING Procedure - ILS

90.91%

CABIN CREW NOTIFY	Yes
FLAPS LOWER ON SCHEDULE	Yes
ON LOC INTERCEPT VERIFY ILS TUNED VERIFY LOC & G/S MARKERS SHOWN	Yes
APPROACH MODE ARM	Yes
SECOND AUTOPILOT ENGAGE IF REQUIRED	Yes
IF NECESSARY USE HDG SEL TO INTERCEPT FINAL APP COURSE & VERIFY LOC IS CAPTURED	
AT GLIDESLOPE ALIVE "GEAR DOWN" "FLAPS 15"	Yes
ENGINE START SWITCH CONT.	Yes

LIGHTS RETRACT & TAXI - ON	Yes
SPEEDBRAKE ARM VERIFY LIGHT ILLUMINATED	Yes
AT GLIDESLOPE CAPTURE SET FLAPS FOR LANDING	
MISSED APPROACH SET ALT IN MCP	Yes
Call "LANDING CHECKLIST" AT FAF OR OM, VERIFY CROSSING ALTITUDE VERIFY AUTOLAND STATUS AT 500FT RADIO ALT	

LANDING ROLL Procedure

100%

AUTOPILOT DISENGAGE	Yes
THRUST LEVERS CLOSED	Yes
SPEEDBRAKE LEVER VERIFY UP	Yes
REVERSE THRUST APPLY	Yes
AUTOBRAKE VERIFY OPERATION	Yes
AT 60 KNOTS LOWER REVERSERS	Yes
MANUAL BRAKING AS NEEDED	Yes
AUTOBRAKES DISARM	Yes

AFTER LANDING Procedure

100%

Start when clear of the active runway:

SPEEDBRAKE CONFIRM DOWN	Yes
APU START	Yes
PROBE HEAT OFF	Yes
LIGHTS LNDG, STROBES – OFF TAXI - ON	Yes
ENG START SWITCHES OFF	Yes
WEATHER RADAR OFF	Yes
AUTOBRAKE OFF	Yes
FLAP LEVER UP	Yes
TRANSPONDER AS REQUIRED	Yes

TURNING INTO GATE TAXI,RWY,WING - OFF

Yes

SHUTDOWN Procedure

100%

PARKING BRAKE SET

Yes

ELECTRICAL POWER APU GENS ON

Yes

ENGINE START LEVERS CUTOFF

Yes

SEAT BELTS SIGN OFF

Yes

ANTI COLLISION LIGHT OFF

Yes

FUEL PUMP SWITCHES OFF

Yes

CAB/UTIL AS REQUIRED

Yes

IFE/PASS SEAT AS REQUIRED

Yes

WING ANTI-ICE OFF

Yes

ENGINE ANTI-ICE OFF

Yes

ENG HYD PUMPS ON

Yes

ELEC HYD PUMPS OFF

Yes

RECIRC FANS AS REQUIRED

Yes

PACKS AUTO

Yes

ENGINE BLEEDS ON

Yes

APU BLEED ON

Yes

EXTERIOR LIGHTS AS REQUIRED

Yes

FLIGHT DIRECTORS OFF

Yes

TRANSPONDER STBY

Yes

Call "SHUTDOWN CHECKLIST"

SECURE Procedure

100%

IRS MODE SELECTORS OFF

Yes

EMERGENCY LIGHTS OFF

Yes

WINDOW HEAT OFF

Yes

PACKS OFF

Yes

Call "SECURE CHECKLIST"

GO-AROUND MISSED APPROACH Procedure

100%

AT THE SAME TIME PRESS TO/GA CALL "FLAPS 15"	Yes
THRUST VERIFY INCREASE & G/A ROTATION	Yes
POSITIVE CLIMB GEAR UP	Yes
LIMIT BANK TO 15° IF AIRSPEED BELOW TOP OF AMBER BAND	
ABOVE 400FT VERIFY LNAV/HDG SEL	Yes
VERIFY MISSED APP ROUTE IS TRACKED AT ACCEL HEIGHT CALL FOR FLAP RETRACT SCHED	
FLAPS RETRACT ON SCHED	Yes
LVL CHG or VNAV SELECT AS NEEDED	Yes
VERIFY CLIMB THRUST VERIFY MISSED APPROACH ALT IS CAPTURED	
LNDG GEAR LEVER OFF	Yes
ENG START SWITCHES AS NEEDED	Yes
Call "AFTER TAKEOFF CHECKLIST"	

AUTOLAND LIMITS

100%

MAX GS ANGLE 3.25 degrees	Yes
MIN GS ANGLE 2.5 degrees	Yes

Automatic landings can be made using flaps 20 or 30, with both engines operative or one engine inoperative. The AFDS autoland status annunciation must display LAND 2 or LAND 3.

MAXIMUM ALLOWABLE WIND SPEEDS

100%

HEADWIND 25 KNOTS	Yes
TAILWIND 10-15 KNOTS	Yes
CROSSWIND 25 KNOTS	Yes

OPERATIONAL LIMITATIONS

100%

RUNWAY SLOPE +/- 2%	Yes
MAX T/O & LAND TAILWIND COMP 10-15 KNOTS	Yes
MAXIMUM SPEEDS PLACARDED	Yes
MAX OPERATING ALT 41,000 FT	Yes

MAX T/O & LAND ALT 8,400 FT

Yes

WEIGHT LIMITATIONS

100%

MAXIMUM TAXI WEIGHT

737-600 57,832 kg (127.5K lbs)

Yes

737-700 60,554 kg (133.5K lbs)

Yes

737-800 70,760 kg (156K lbs)

Yes

737-900 79,242 kg (174.2K lbs)

Yes

MAXIMUM TAKEOFF WEIGHT

737-600 57,606 kg (127K lbs)

Yes

737-700 60,327 kg (133K lbs)

Yes

737-800 70,533 kg (155.5K lbs)

Yes

737-900 79,015 kg (174.2K lbs)

Yes

MAXIMUM LANDING WEIGHT

737-600 54,657 kg (120.5K lbs)

Yes

737-700 58,059 kg (128K lbs)

Yes

737-800 65,317 kg (144K lbs)

Yes

737-900 66,360 kg (146.3K lbs)

Yes

MAXIMUM ZERO FUEL WEIGHT

737-600 51,709 kg (114K lbs)

Yes

737-700 54,657 kg (120.5K lbs)

Yes

737-800 61,688 kg (136K lbs)

Yes

737-900 62,731 kg (138.3K lbs)

Yes

FMC CHEAT SHEET

Add a fix at X nm before or after an existing waypoint on route

Add waypoint that is off route

Navigate to an intersection of 2 waypoints

Add a distance ring round a waypoint
(FIX page)

Speed and altitude constraint (up to 18000 then abv FL190).

To intercept a specific inbound course to a fix, ("Intercept the course 080 TO BOS," for example.) the crewmember simply needs to enter the desired course TO the fix at the 6RLSK

OFFSET command found in the INIT/REF INDEX of the FMC/CDU

SIGN OFF

Name and Signature
