

COCKPIT PREPARATION	BEFORE START
☐ OXYGEN TEST, 100%	☐ PASSENGER SIGNS ON
☐ BATTERY ON	☐ WEATHER RADAR AS REQ
☐ EXTERNAL POWER / APU AS REQ, ON	☐ WINDOW / PROBE HEAT ON
☐ IRS (L / C / R) ALIGN, NAV	☐ TAKEOFF DATA (V1/VR/V2) SET, CHECK
☐ FMC INIT, ROUTE / PERF SET	☐ TAKEOFF BRIEFING COMPLETE
☐ FUEL QUANTITY CHECK, SUFFICIENT	☐ DOORS / SLIDES CLOSED, ARMED
☐ PARKING BRAKE SET	☐ BEACON LIGHT ON
☐ FLIGHT INSTRUMENTS CROSS-CHECK, SET	☐ PUSHBACK / START CLEARANCE RECEIVED
☐ WEIGHT & BALANCE (CG / TRIM) SET FOR T/O	
ENGINE START (2 THEN 1)	AFTER START
☐ ENGINE START SWITCH (2) GRD	☐ APU AS REQ, OFF / BLEED
☐ FUEL CONTROL SWITCH (2) RUN AT 25% N2	☐ PROBE HEAT ON
☐ N1 / N2 / EGT (ENG 2) MONITOR RISE	☐ HYDRAULIC PUMPS ON, CHECK PRESS
☐ FUEL CONTROL SWITCH (1) RUN AFTER ENG 2 STABLE	☐ FLAPS SET FOR T/O
☐ N1 / N2 / EGT (ENG 1) MONITOR RISE	☐ FLIGHT CONTROLS CHECK FULL & FREE
☐ OIL PRESSURE (BOTH) CHECK GREEN	☐ STABILIZER TRIM SET FOR T/O
☐ GENERATORS (BOTH) ON, CHECK LOAD	☐ GROUND EQUIPMENT CLEAR, DISCONNECTED
☐ ENGINE START SWITCHES CONT / OFF	
TAXI, TAKEOFF & CLIMB	
TAXI	BEFORE TAKEOFF
☐ PARKING BRAKE RELEASE	☐ FLIGHT CONTROLS FREE, CHECKED
☐ TAXI / RWY TURNOFF LIGHTS ON	☐ TRANSPONDER ALT ON
☐ BRAKES CHECK	☐ STROBE LIGHTS ON
☐ FLIGHT INSTRUMENTS CHECK	☐ ANTI-ICE AS REQ
☐ TCAS TA/RA	☐ CABIN SECURE, ADVISED
☐ TAXI SPEED AS REQ	☐ RUNWAY / TAKEOFF DATA CONFIRMED
TAKEOFF	CLIMB
☐ THRUST LEVERS SET N1 TARGET	☐ FLAPS RETRACT ON SCHEDULE
☐ ENGINE INSTRUMENTS CHECK GREEN, SYMMETRICAL	☐ CLIMB THRUST SET, CLB DETENT
☐ AIRSPEED ALIVE CHECK, "80 KNOTS"	☐ CLIMB SPEED 250 KIAS BELOW 10,000 FT
☐ V1 / ROTATE / V2 CALL, PER PERF DATA	☐ ALTIMETERS STD ABOVE TRANS ALT
☐ POSITIVE RATE GEAR UP	☐ ENGINE ANTI-ICE AS REQ

CRUISE, DESCENT & APPROACH	
CRUISE	DESCENT PREPARATION
☐ CRUISE ALTITUDE / MACH CONFIRM, ~M0.78 ☐ FUEL MONITOR, CROSSFEED AS REQ ☐ EICAS MONITOR / SCAN ☐ WEATHER RADAR AS REQ ☐ SYSTEMS SCAN EVERY 15-20 MIN	☐ ATIS / ARRIVAL OBTAIN, BRIEF ☐ ALTIMETERS QNH BELOW TRANS LEVEL ☐ APPROACH BRIEFING COMPLETE ☐ SEATBELT SIGN ON ☐ DESCENT SPEED PER FMC / SCHEDULE
APPROACH	LANDING
☐ ANTI-ICE AS REQ ☐ LANDING LIGHTS ON ☐ AUTOBRAKE SET ☐ FLAPS 1-5-15 SEQUENCE ☐ SPEEDBRAKE ARM	☐ LANDING GEAR DOWN, 3 GREEN ☐ FLAPS 30/40 LANDING ☐ EICAS MEMO LANDING, NO CAUTIONS ☐ AUTOTHROTTLE CONFIRM RETARD ☐ REVERSE THRUST AS REQ ☐ BRAKES / AUTOBRAKE MONITOR
AFTER LANDING	PARKING & SECURING
☐ FLAPS UP ☐ SPEEDBRAKE DOWN ☐ APU START AS REQ ☐ WEATHER RADAR / ANTI-ICE OFF ☐ STROBE LIGHTS OFF ☐ TRANSPONDER STBY / GND AS REQ	☐ PARKING BRAKE SET ☐ FUEL CONTROL SWITCHES (1 & 2) CUTOFF ☐ SEATBELT SIGN OFF ☐ EXTERIOR LIGHTS OFF ☐ HYDRAULIC PUMPS OFF ☐ BATTERY AS REQ, OFF LAST

SIMULATION USE ONLY. This checklist covers normal gate-to-gate flows for the PMDG Boeing 737-800 in Microsoft Flight Simulator, and reflects commonly published CFM56-7B26 limitations (N1 / EGT / start parameters) for reference realism. It omits exterior inspection, MEL/CDL items, and non-normal/emergency procedures that fall outside PMDG's normal-ops modeling. This is not an airline-approved document and must not be used for actual flight — refer to the real aircraft's FCOM/QRH and PMDG's supplied documentation for authoritative procedures.

PIC: _____ AIRCRAFT: _____ DATE: _____ ROUTE: _____