

COCKPIT PREPARATION	BEFORE START
☐ OXYGEN (FLT DECK) 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 (4 TANK + TRIM) CHECK, SUFFICIENT	☐ DOORS / SLIDES CLOSED, ARMED
☐ PARKING BRAKE SET	☐ BEACON LIGHT ON
☐ CG / TRIM TANK CHECK, WITHIN LIMITS	☐ PUSHBACK / START CLEARANCE RECEIVED
☐ FLIGHT INSTRUMENTS CROSS-CHECK, SET	
ENGINE START (4-3-2-1)	AFTER START
☐ ENGINE START SWITCH (4) GRD	☐ APU AS REQ, OFF / BLEED
☐ FUEL CONTROL SWITCH (4) RUN AT 25% N2	☐ PROBE HEAT ON
☐ N1 / N2 / EGT (ENG 4) MONITOR RISE	☐ HYDRAULICS (4 SYS) ON, CHECK PRESS
☐ SEQUENCE REPEAT FOR ENGINES 3, 2, 1	☐ FLAPS SET FOR T/O
☐ OIL PRESSURE (ALL 4) CHECK GREEN	☐ FLIGHT CONTROLS CHECK FULL & FREE
☐ GENERATORS (ALL 4) ON, CHECK LOAD	☐ STABILIZER TRIM SET FOR T/O CG
☐ ENGINE START SWITCHES CONT / OFF	☐ GROUND EQUIPMENT CLEAR, DISCONNECTED
TAXI, TAKEOFF & CLIMB	
TAXI	BEFORE TAKEOFF
☐ PARKING BRAKE RELEASE	☐ FLIGHT CONTROLS FREE, CHECKED
☐ TAXI LIGHTS ON	☐ TRANSPONDER / TCAS ALT, TA/RA
☐ BRAKES CHECK	☐ STROBE LIGHTS ON
☐ BODY GEAR STEERING AS REQ, ARMED	☐ ANTI-ICE AS REQ
☐ FLIGHT INSTRUMENTS CHECK	☐ CABIN SECURE, ADVISED
☐ TAXI SPEED AS REQ, WIDE TURNS	☐ RUNWAY / TAKEOFF DATA CONFIRMED
TAKEOFF	CLIMB
☐ THRUST LEVERS SET N1 TARGET, ALL 4	☐ 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	☐ TRIM TANK MONITOR TRANSFER
☐ POSITIVE RATE GEAR UP	☐ ENGINE ANTI-ICE AS REQ

CRUISE, DESCENT & APPROACH	
CRUISE	DESCENT PREPARATION
☐ CRUISE ALTITUDE / MACH CONFIRM, ~M0.855	☐ ATIS / ARRIVAL OBTAIN, BRIEF
☐ FUEL MONITOR, CROSSFEED AS REQ	☐ ALTIMETERS QNH BELOW TRANS LEVEL
☐ CG MONITOR VIA TRIM TANK	☐ APPROACH BRIEFING COMPLETE
☐ EICAS MONITOR / SCAN	☐ SEATBELT SIGN ON
☐ SYSTEMS SCAN EVERY 15-20 MIN	☐ DESCENT SPEED PER FMC / SCHEDULE
APPROACH	LANDING
☐ ANTI-ICE AS REQ	☐ LANDING GEAR DOWN, GEAR DOWN LOCKED
☐ LANDING LIGHTS ON	☐ FLAPS 25/30 LANDING
☐ AUTOBRAKE SET	☐ EICAS MEMO LANDING, NO CAUTIONS
☐ FLAPS SEQUENCE PER SCHEDULE	☐ AUTOTHROTTLE CONFIRM RETARD
☐ SPEEDBRAKE ARM	☐ REVERSE THRUST AS REQ, ALL 4
	☐ BRAKES / AUTOBRAKE MONITOR
AFTER LANDING	PARKING & SECURING
☐ FLAPS UP	☐ PARKING BRAKE SET
☐ SPEEDBRAKE DOWN	☐ FUEL CONTROL SWITCHES (1-4) CUTOFF
☐ APU START AS REQ	☐ SEATBELT SIGN OFF
☐ WEATHER RADAR / ANTI-ICE OFF	☐ EXTERIOR LIGHTS OFF
☐ STROBE LIGHTS OFF	☐ HYDRAULIC PUMPS OFF
☐ TRANSPONDER STBY / GND AS REQ	☐ BATTERY AS REQ, OFF LAST

SIMULATION USE ONLY. This checklist covers normal gate-to-gate flows for the PMDG Boeing 747-8 in Microsoft Flight Simulator, and reflects commonly published GENx-2B67 limitations (N1 / EGT / four-engine start sequencing) 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: _____