

Checklist & Procedures

Boeing 787 Dreamliner

ELECTRICAL POWERUP

BATTERY SWITCH ON
C1 & C2 ELEC PUMP SELECTORS OFF
L & R DEMAND PUMP SELECTORS OFF
WIPER SELECTORS OFF
LANDING GEAR LEVER DN
ALTN FLAPS SELECTOR OFF
ELECTRICAL POWER ESTABLISH

IF EXTERNAL POWER IS DESIRED:

EXT PWR AVAIL LIGHT(S) ILLUMINATED
EXT PWR SWITCH(ES) PUSH

IF APU POWER IS DESIRED:

APU GENERATOR SWITCHES ON
APU SELECTOR START, THEN ON

PREFLIGHT PROCEDURE

IRS SELECTORS OFF 30 SECS, THEN ON
VERIFY THAT ON BAT LIGHT IS EXTINGUISHED
STATUS DISPLAY CHECK
OXYGEN PRESSURE CHECK
HYDRAULIC QUANTITY CHECK
ENGINE OIL QUANTITY CHECK
PARKING BRAKE SET

CDU SETUP

MSFS WEIGHT AND BALANCE → SET FUEL AND PAYLOAD

EXTERIOR INSPECTION PERFORM
FLIGHT CONTROL SURFACES PANEL:
TAIL SWITCH NORM
WINGS SWITCH NORM
HEADING REFERENCE NORM
PRIMARY FLIGHT COMPUTERS
DISCONNECT SWITCH GUARD CLOSED
IFE / PASS SEATS ON
CABIN / UTILITY ON
APU GENERATOR SWITCHES ON
GENERATOR CONTROL SWITCHES ON
GENERATOR DRIVE DISC. SWITCHES ON
APU SELECTOR (AS NEEDED) START, THEN ON
L HUD BRIGHTNESS CONTROL AS NEEDED
L WIPER SELECTOR OFF
TOWING POWER LIGHTS OFF
FD DOOR POWER ON
CCR RESET SWITCHES GUARDS CLOSED
EMERGENCY LIGHTS GUARD CLOSED

SERVICE INTERPHONE OFF
BACKUP WINDOW HEAT SWITCHES ON
PRIMARY WINDOW HEAT SWITCHES ON
ENGINE PRIMARY PUMP L & R ON
C1 & C2 ELEC PUMP SELECTORS OFF
L & R DEMAND PUMP SELECTORS OFF
SEAT BELT SIGNS ON
LIGHTING PANEL AS NEEDED
GROUND TEST SELECTOR NORM
APU FIRE PANEL SET
CARGO FIRE ARM SWITCHES OFF
ENGINE EEC MODE SWITCHES NORM
ENGINE START SELECTORS NORM
FUEL JETTISON NOZZLE SWITCHES OFF
FUEL TO REMAIN SELECTOR IN
FUEL JETTISON ARM SWITCH OFF
FUEL CROSSFEED SWITCH OFF
FUEL PUMP SWITCHES OFF
FUEL BALANCE SWITCH OFF
WING ANTI-ICE SELECTOR AUTO
ENGINE ANTI-ICE SELECTORS AUTO
LIGHTING PANEL AS NEEDED
ELT SWITCH GUARD CLOSED
HUMIDIFICATION SWITCH ON
CARGO TEMP PANEL AS NEEDED
EQUIPMENT COOLING SWITCHES AUTO
RECIRCULATION FANS ON
FD TEMPERATURE CONTROL MID POSITION
CABIN TEMPERATURE CONTROL .. MID POSITION
PACK SWITCHES AUTO
TRIM AIR SWITCHES AUTO
VENTILATION SWITCH NORM
OUTFLOW VALVE SWITCHES AUTO
LANDING ALTITUDE SELECTOR IN
R WIPER SELECTOR OFF
R HUD BRIGHTNESS CONTROL AS NEEDED
FLIGHT DIRECTORS ON
AUTOTHROTTLE ARM
DISPLAY SELECT PANEL SET
EFIS CONTROL PANEL SET
OXYGEN TEST AND SET
AUTOBRAKE SELECTOR RTO
SPEEDBRAKE LEVER DOWN
REVERSE THRUST LEVERS DOWN
FORWARD THRUST LEVERS DOWN
FLAPS UP
STAB CUTOFF SWITCHES GUARDS CLOSED
FUEL CONTROL SWITCHES CUTOFF
ALTERNATE FLAPS PANEL ALL OFF
RADIO AND NAV TUNING PANEL SET

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BEFORE START

FLIGHT DECK DOOR CLOSED & LOCKED
APU RUNNING / START
CDU DISPLAY SET
MCP SET
TAXI AND TAKEOFF BRIEFINGS COMPLETE
EXTERIOR DOORS VERIFY CLOSED
START CLEARANCE OBTAIN
IF PUSHBACK IS NEEDED:
 NOSE GEAR STEERING VERIFY LOCKED OUT
RIGHT ELECTRIC DEMAND PUMP AUTO
C2 & C1 ELECTRIC PUMPS AUTO
LEFT ELECTRIC DEMAND PUMP AUTO
LEFT & RIGHT FUEL PUMP SWITCHES ON
IF FUEL IN CENTER MESSAGE SHOWS:
 CENTER FUEL PUMP SWITCHES ON
BEACON LIGHT SWITCH ON
CANCEL / RECALL SWITCH PUSH
VERIFY THAT ONLY EXPECTED MESSAGES SHOW
CANCEL / RECALL SWITCH PUSH
VERIFY THE MESSAGES CANCEL
TRIM SET
PUSHBACK AND / OR START PERFORM

TAXI

TAXI CLEARANCE RECEIVE
RWY TURNOFF LIGHTS AS NEEDED
TAXI LIGHTS ON
PARKING BRAKE RELEASE

BEFORE TAKEOFF

TRANSPONDER TA / RA
TAKEOFF FLAPS CHECK / SET
LANDING LIGHTS ON
STROBE LIGHTS ON

TAKEOFF

BRAKES RELEASED
ADVANCE THRUST:
 GE ENGINES 40% N1
 RR ENGINES 20 TPR
TO / GA SWITCH PUSH

ENGINE START

ENGINE START SELECTOR START
ENGINES CAN BE STARTED TOGETHER
FUEL CONTROL SWITCH RUN
IF ENGINES NOT STARTED TOGETHER:
AFTER ENGINE IS STABLE, START OTHER ENGINE

AFTER TAKEOFF

LANDING GEAR UP
FLAPS RAISE ON SCHEDULE
AUTOPILOT AS REQUIRED
RWY TURNOFF AND TAXI LIGHTS OFF
ANTI-ICE AS REQUIRED

BEFORE TAXI

APU SELECTOR OFF
ENGINE ANTI-ICE SELECTORS AS NEEDED
FLAPS LEVER SET TAKEOFF
AUTOBRAKE RTO
FLIGHT CONTROLS CHECK
TRANSPONDER AS NEEDED
SECONDARY ENGINE INDICATIONS OFF
RECALL CHECK
GROUND EQUIPMENT CLEAR

CLIMB

PASSING TRANSITION ALTITUDE
ALTIMETER PUSH TO SET STD
BELOW 10000 FT MAX 250 KIAS
PASSING 10000 FT
LANDING LIGHTS OFF
SEAT BELT SIGNS AUTO
ANTI-ICE AS REQUIRED

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CRUISE & DESCENT PREP.

ENGINE AND INSTRUMENTS MONITOR
FUEL QUANTITY CHECK
C FUEL PUMPS OFF WHEN EMPTY

40NM BEFORE T.O.D.

ATIS / AIRPORT INFORMATION CHECK
ALTIMETER CHECK
RADIOS SET
MCP ALTITUDE RESET
FMC APPR SPEED REF SET
COMPLETE VNAV DESCENT FORECAST PAGE

DESCENT

RECALL REVIEW, CHECK
AUTOBRAKE SET
LANDING DATA:
VREF VERIFY / SET
RADIO ALT / BARO MIN SET, CHECK
ANTI-ICE AS REQUIRED
APPROACH BRIEFING COMPLETE

APPROACH

PASSING TRANSITION ALTITUDE

ALTIMETER RESET TO LOCAL

BELOW 10000 FT

SPEED 250 KIAS
LANDING LIGHTS ON
SEAT BELT SIGNS ON

LANDING

CABIN CREW ADVISED
FLAPS EXTEND AS NEEDED
APP MODE ARM ON LOC INTERCEPT

GLIDESLOPE ALIVE:

LANDING GEAR DOWN
FLAPS 20
SPEEDBRAKE ARMED
LANDING FLAPS SET

AFTER LANDING

SPEEDBRAKE DOWN
APU SELECTOR START, THEN ON, AS NEEDED
ANTI-ICE AS NEEDED
EXTERIOR LIGHTS AS NEEDED
WEATHER RADAR OFF
AUTOBRAKE OFF
FLAPS UP
TRANSPONDER MODE AS NEEDED

SHUTDOWN

PARKING BRAKE SET
APU VERIFY RUNNING
FUEL CONTROL SWITCHES CUTOFF
SEAT BELT SIGNS OFF
LEFT ELECTRIC DEMAND PUMP OFF
C1 & C2 ELECTRIC PUMPS OFF
RIGHT ELECTRIC DEMAND PUMP OFF
FUEL PUMP SWITCHES OFF
BEACON LIGHT OFF
FLIGHT DIRECTORS OFF
AUTOTHROTTLE DISARM
TRANSPONDER MODE STANDBY
APU SELECTOR AS NEEDED
IF EXTERNAL POWER IS DESIRED:
EXT PWR AVAIL LIGHT(S) ILLUMINATED
EXT PWR SWITCH(ES) PUSH

ELECTRICAL POWER DOWN

IRS SELECTORS OFF
FD DOOR POWER OFF
EMERGENCY LIGHTS OFF
PACK SWITCHES OFF
APU SELECTOR OFF
EXTERNAL POWER SWITCHES OFF
BATTERY SWITCH OFF

GO-AROUND & MISSED APP.

AT THE SAME TIME:
TO / GA SWITCH PUSH
FLAPS 20
POSITIVE RATE GEAR UP
FLAPS RAISE ON SCHEDULE