

Prior to running the Pre-Flight events, select if you will be using a GATE or a STAND for departure (Briefing Panel).

+55 Minutes: Preflight events routine starts. FO: "How are you?" Reply: "I'M GREAT / I'M FINE / I'M OKAY / I'M TERRIBLE"

+54 Minutes: ELECTRICAL POWER UP PROCEDURE: BATTERY SWITCH - ON / COCKPIT LIGHTS - AS REQUIRED (IF NIGHT, TURN ON THE DOME LIGHT) / IF EXT PWR: PRI & SEC EXT PWR BUTTONS - PUSH / IF APU PWR: APU START / EXTERNAL LIGHTS - AS REQUIRED

+54 Minutes: PRELIMINARY PRE-FLIGHT PROCEDURE: ADIRU - OFF FOR 30 SECONDS THEN ON / STATUS DISPLAY - CHECK (OXYGEN, HYDRAULICS AND ENGINE OIL) / COMM DISPLAY - PUSH / PARKING BRAKE - SET TO PARK / ATIS - OBTAIN / CDU - SETUP

+40 Minutes: FO goes out for walkaround

+29 Minutes: FO returns from walkaround

+24 Minutes: (Passenger version only) Gate agent or FA asks if it's okay to start boarding. Reply: "YES / GO FOR IT".

+19 Minutes: CAPT'S PRE-FLIGHT FLOW: EFIS - SET / MCP - SET (CAPT'S FLIGHT DIRECTOR ON / AUTOTHROTTLE ON) / OXYGEN TEST.

+15 Minutes: "PREFLIGHT CHECKLIST (PLEASE)" → Oxygen: Tested 100 % - Both / Flight instruments: Heading ____, Altimeter ____ - Both (e.g. HEADING TWO ONE FIVE ... ALTIMETER TWO NINE NINE TWO) / Parking brake: Set - C / Fuel control switches: Cutoff - C

+13 Minutes: Run the DEPARTURE BRIEFING (BR or "ARE YOU READY FOR THE DEPARTURE BRIEF?" ... "ANY QUESTIONS?")

+7 Minutes: (Passenger version only) The Loadsheets arrive. Reply: "THANK YOU / OKAY / THANKS"

+5 Minutes: Turn on the APU if it's not already running.

+3 Minutes: "COCKPIT TO GROUND / GROUND FLIGHT DECK" → "CAN WE PRESSURIZE THE HYDRAULICS?"

+2 Minutes: Cargo and Passenger doors close.

+1 Minutes: (Passenger version only) FA reports the cabin is ready for departure. Reply: "THANK YOU / OKAY / THANKS"

+0 Minutes: "BEFORE START PROCEDURE" → FO will ask you if we are cleared to pressurize. Reply: "YES"

→ CAPT'S BEFORE START FLOW: CDU TO TAKEOFF REF PAGE / MCP SPEED V2 / ARM LNAV & VNAV / INITIAL HDG/TRK SET / INITIAL ALTITUDE SET / SET T/O TRIM / OBTAIN PUSHBACK/START CLEARANCE / AFTER FO COMPLETES HIS BEFORE START FLOW, SPEAK: "CANCEL EICAS" (EYE-CAS) IF ANY EICAS MESSAGES STILL VISIBLE

→ FO'S BEFORE START FLOW: FO'S CDU LEGS PAGE / LOWER DISPLAY TO HYD / HYDRAULICS ON / FUEL PUMPS ON / BEACON ON / TRANSPONDER ON IF ASDEX OPTION SELECTED TO YES / LOWER DISPLAY TO ENGINE / DOME LIGHT OFF IF NIGHT

→ "BEFORE START CHECKLIST (PLEASE)" → Flight deck door (Pax Models): Closed and locked - F / Passenger Signs (Pax Models): __ - F / Supernumerary signs (Freighter model): __ - F / MCP: V2 ____, HEADING/TRACK ____, ALTITUDE ____ - C (Trigger for next phrase is the altitude value. E.g.: "ALTITUDE 5 THOUSAND") / Takeoff speeds: V1 ____, VR ____, V2 ____ - C (Trigger for the next phrase is the V2 value. E.g.: "VEE TWO ONE FOUR THREE" / CDU preflight: Completed - Both / Trim: __ Units 0 and 0 - C (e.g. "4 POINT ZERO UNITS ZERO AND ZERO") / Taxi and takeoff briefing: Completed - C / Beacon: On - F

→ "CABIN CREW ARM SLIDES" → "START SEQUENCE IS 1 THEN 2 / START SEQUENCE IS 2 THEN 1" → "START ENGINE 1 / START ENGINE 2 / START LEFT ENGINE / START RIGHT ENGINE / START BOTH ENGINES" (As Captain, you set the Fuel Control levers to Run.)

→ "FLAPS 5 / FLAPS 15 / FLAPS 20". CAPT'S BEFORE TAXI FLOW: FLIGHT CONTROLS CHECK

→ FO'S BEFORE TAXI FLOW: T/O FLAPS SET / LOWER DISPLAY TO FLCT / APU OFF (UNLESS 'PACKS ON APU' SELECTED ON THE BRIEF PANEL) / EAI/WAI (AS SELECTED ON THE BRIEF PANEL) / RECALL

→ "BEFORE TAXI CHECKLIST (PLEASE)" → Anti-ice: __ - F / Recall: Checked - F / Autobrake: RTO - F / Flight controls: Checked - C / Ground Equipment: Clear - C

→ When ready to taxi: "CLEAR LEFT". (PAX model Only: When the cabin is secure the FO will announce "The Cabin is Secure".)

→ CAPT'S BEFORE TAKEOFF FLOW: SET TERRAIN & WEATHER DISPLAY AS NEEDED / RE-BRIEF THE DEPARTURE AS NEEDED

→ FO'S BEFORE TAKEOFF FLOW: SET WEATHER DISPLAY (AS SELECTED ON THE BRIEF PANEL)

→ "BEFORE TAKEOFF CHECKLIST" → Flaps: __ - PF (e.g. "FLAPS 5") → "BEFORE TAKEOFF CHECKLIST COMPLETE" after the FO.

→ "RUNWAY ENTRY PROCEDURE" → FO'S RUNWAY ENTRY FLOW: NOSE LIGHT ON / RUNWAY AND TAXI LIGHTS ON IF NOT ALREADY ON / STROBES ON / TCAS TA/RA

→ "TAKEOFF" → FO'S TAKEOFF FLOW: CHRONO TO ELAPSED TIME / LEFT AND RIGHT LANDING LIGHTS ON

→ When the FO announces "80 KNOTS" reply "CHECK". You may also announce the FMA Thrust Mode change: "HOLD".

→ When the FO announces "POSITIVE RATE": "GEAR UP". Clean the aircraft up on schedule: "FLAPS 5 / FLAPS 1 / FLAPS UP"

→ "AFTER TAKEOFF CHECKLIST (PLEASE)" → Landing Gear: Up - PM / Flaps: Up - PM → FO'S AFTER TAKEOFF FLOW (Trigger: Flaps Up Call): EAI TO AUTO IF ON / NOSE LIGHT OFF / RUNWAY TURNOFF LIGHTS OFF / TAXI LIGHT OFF

At 10,000 feet, the FO will turn off the Landing lights (unless otherwise selected in the CFG options) and select Airport on his EFIS panel.

→ Passing the Transition Altitude press the STD button on the Captain's EFIS panel: "TRANSITION ALTITUDE STANDARD SET"

- Prior to ToD (50-100nm), run the Approach Brief: BR or “**ARE YOU READY FOR THE APPROACH BRIEF?**” ... “**ANY QUESTIONS?**”
 - The FO will run his Descent Flow after the brief has been completed. FO'S DESCENT FLOW: UPDATE ALTIMETER SCALE DEPENDING ON WORLD LOCATION (IN/MB) / SELECT VREF / CHECK DESCENT AND FORECAST PAGES / CDU TO LEGS PAGE / TURN ON LANDING LIGHTS (IF FS2CREW CFG OPTION '777 LDG LIGHTS: CRUISE') / SELECT AUTOBRAKE AS BRIEFED / RECALL
 - (Optional) “**NOTIFY THE CABIN TO PREPARE FOR LANDING (PLEASE)**” → The FO will double chime the seat belts.
 - Prior to the Top of Descent: “**DESCENT CHECKLIST (PLEASE)**” → Recall: Checked - PM / Notes: **Checked** - PF / Autobrake: ___ - PF (e.g. “**OFF / SET/ LEVEL 1 SET -> LEVEL 4 SET/ MAX AUTO SET**”) / Landing Data: VREF ___, Minimums ___ Feet - Both (e.g. “**VREF IS ONE FOUR TWO ... MINIMUMS TWO FIVE FIVE FEET**”) / Approach Briefing: **Completed** - PF

 - When descending through the TL set the local pressure on the Captain's altimeter; “**TRANSITION LEVEL ALTIMETERS RESET XXXX**”
 - “**APPROACH CHECKLIST (PLEASE)**” → Altimeters: ___ Set - Both (e.g. “**TWO NINE EIGHT FOUR SET**”)
 - Passing 10,000 feet, the FO will turn on the Landing, Taxi and Runway Lights. He will also set the Seatbelt Sign to On.

 - Extend the Flaps on Schedule: “**FLAPS 1 / FLAPS 5 / FLAPS 15 / FLAPS 25 / FLAPS 30**”. “**GLIDE SLOPE CAPTURE / LOCALIZER CAPTURE**” when the Glideslope and Localizer are captured.
 - If using the A/P, set the Missed Approach Altitude in the MCP and say: “**MISSED APPROACH ALTITUDE SET**”. If flying manually, say: “**SET MISSED APPROACH ALTITUDE XXXX**”
 - “**GEAR DOWN**” when desired.
 - After the final landing flap has been selected: “**LANDING CHECKLIST (PLEASE)**” → Speedbrake: **ARMED** - PF / Landing Gear: **DOWN** - PF / Flaps: ___ - PF (e.g. “**FLAPS 20 / FLAPS 25 / FLAPS 30**”) → “**LANDING CHECKLIST COMPLETE**” after the FO.
 - When cleared to land: “**CLEARED**” → When landing confirmed: “**LANDING**”
 - OPTIONAL VOICE CALL DURING LANDING: “**MANUAL BRAKING**”
 - After landing: “**OKAY TO CLEAN UP**” → CAPT'S AFTER LANDING FLOW: SPEEDBRAKE DISARMED / WXR RADAR AND TERRAIN OFF. FO'S AFTER LANDING FLOW: APU ON (IF SELECTED IN THE APPROACH BRIEF) / EAI AS REQUIRED / TAXI LIGHT ON / LANDING LIGHTS OFF / NOSE LIGHT OFF / STROBE LIGHT OFF / CHRONO ET OFF / FO'S WXR RADAR OFF / AUTOBRAKES OFF / FLAPS UP UNLESS RUNWAY CONTAMINATED / TRANSPONDER TO STANDBY (UNLESS ASDEX SELECTED ON APPROACH BRIEF).

 - When turning into the stand or gate, command the FO to turn off the taxi light (“**TAXI LIGHT OFF**”) and inform the FA's to disarm the doors .
 - “**LIGHTS AND DOORS**” → The FO will turn off the taxi and rwy turn off lights and attempt to disarm door L2 if using the Pax model.
 - After arriving at the stand/gate, set the parking brake and shutdown the engines. Then “**CABIN CREW DOORS MAY BE OPENED**”.
 - CAPT'S SHUTDOWN FLOW: PARKING BRAKE SET / IF THE APU IS NOT RUNNING, ASK THE GROUND CREW TO CONNECT EXT PWR PRIOR TO SHUTTING DOWN BOTH ENGINES OR YOU WILL LOSE POWER! / FUEL CONTROL SWITCHES CUTOFF / AFTER WHEEL CHOCKS ARE IN PLACE RELEASE PARKING BRAKE (Ground Crew will insert the chocks a few moments after the beacon is turned off).
 - FO'S SHUTDOWN FLOW (Trigger: Capt sets Parking Brakes and Right Fuel Control switch in Cutoff. If GPU pwr desired, set the Left Fuel Control switch to Cutoff after the GPU is on-line or YOU WILL LOSE POWER!): IF NIGHT, DOME LIGHT ON / SEAT BELT SIGNS OFF / HYDRAULICS OFF / FUEL PUMPS OFF / EAI/WAI AUTO / BEACON OFF / FDs OFF / TRANSPONDER OFF / STATUS MESSAGE CHECK
 - NOTE: FS2Crew will attempt to insert the chocks automatically during the shutdown flow. Ensure the FO's FMC has power or it won't work! NOTE: If you have selected to have the GPU automatically connect at gate arrival via the CFG options, only shut down the right engine after external power is connected and on-line! Once the GPU is connected and on-line (don't forget to press the AVAIL light on the Overhead Panel so the GPU is providing power to the aircraft), then you may shut down the left engine.
 - “**SHUTDOWN CHECKLIST (PLEASE)**” → Hydraulic panel: Set - F / Auxiliary fuel switch (if installed): Off - F / Fuel pumps: Off - F / Flaps: UP - F / Parking Brake: ___ - C / Fuel control switches: **CUTOFF** - C / Weather Radar: **Off** - CR
 - If you desire to make a 2nd leg, press the DOWN ARROW BUTTON on the FS2Crew Panel to advance the displayed Mode back to PRE-FLIGHT CHECKLIST and run the PF Events again as desired. If leaving the aircraft unattended, ask the FO to secure the aircraft.

 - “**SECURE THE AIRCRAFT PLEASE**” → FO'S SECURE FLOW: ADIRU OFF / EMERGENCY LIGHTS OFF / PACKS OFF / EXTERNAL POWER SWITCHES ON TO PREVENT NUISANCE EFB / APU OFF / BATTERY OFF
- The SECURE CHECKLIST is ready silently by the Captain (if using the ECL, the Captain would also complete the checklist).

COCKPIT TO GROUND / GROUND FLIGHT DECK • PLEASE (DIS)CONNECT THE GPU/EXTERNAL POWER • PLEASE (DIS)CONNECT THE AIR CONDITIONING UNIT/CART • APU ON/OFF • SEAT BELTS SIGNS ON/OFF/AUTO • CENTER PUMPS OFF • VISUAL (Used during an approach. FO will no longer make approach callouts) • CANCEL LAST COMMAND (Used if an autopilot value like heading does not stop spinning). • SET AND CHECKED (Used if you are unable to reply to a Checklist item using the expected syntax)