

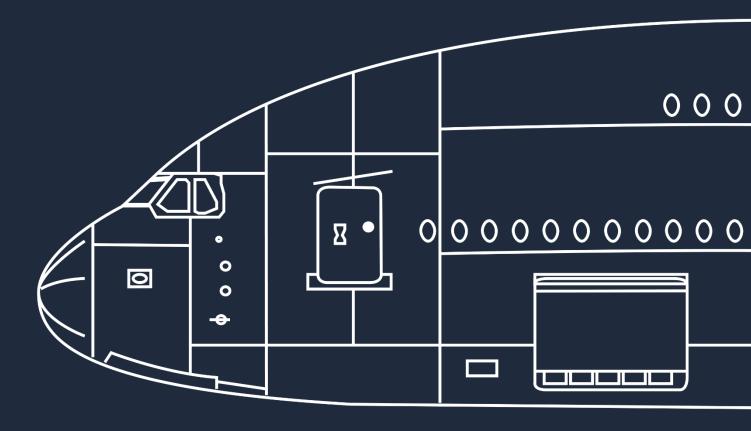
Standard Operations Procedures

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A380X



Preliminary Cockpit Preparation

Initial Power Up

Engines

FO ENGINE MASTER SWITCHES 1, 2, 3, 4	OFF
FO ENGINE STARTER	NORM
Wipers	
FO BOTH WIPERS	OFF
Batteries	

Verify that the **OFF** lights extinguish when the battery buttons are pressed.

External power

• If the AVAIL lights illuminate on the overhead panel:

Note: The external power units should be activated in the following order: 2 - 3 - 1 - 4. This particular order will result in a shorter start time of the display units.

Please acknowledge that the aircraft needs at least two external power units to power the whole electrical network. In case of high electrical demand, such as APU start or door activity, the pilot should consider using a third and a fourth external power unit or reduce the electrical load by switching the:

- CABIN FANS to OFF
 - Press the CABIN FANS button on the overhead panel. The OFF light should illuminate.
- COOLING to OFF

Press the COOLG button on the overhead panel. The OFF light should illuminate.

Note: The pilot should set the CAB FANS and the COOLG to **ON** as soon as possible. When the Auxiliary Power Unit is available, no reduction of electrical load is necessary.

Cockpit lighting

Initial Onboard Information System Power Up

Laptops startup
BOTH CAPTAIN & FIRST OFFICER LAPTOPS
FO BACKUP LAPTOP
Keyboard and Cursor Control Unit (KCCU)
BOTH CONTROL DEVICE AND KEYBOARDs 1 AND 2
Onboard Information System Applications Initialization
BOTH ONBOARD INFORMATION TERMINAL
BOTH ONBOARD INFORMATION TERMINAL SIDE
BOTH LOGIN AS PILOT
BOTH ONBOARD INFORMATION TERMINAL SIDE
BOTH LOGIN AS PILOTPERFORM
BOTH NAV CHARTS
BOTH OPS LIBRARY START
Company communications initialization
FO OIT SIDE NSS AVNCS
FO INITIAL DATA
Note: Send Initialization after checking the input data and display data.
Note: Check Uplink message: CAT Recency, Full Thrust Recency And Statement Of Work Index Range. Note: Statement Of Work Index Range is included for a month only if it is changed.

FLT OPS application status
FO OIT SIDE
Aircraft Status Verification
Previous ECAM alerts
CAPT RCL
Verify all alerts and make sure they are resolved before taking off.
Logbook verification
CAPT OIT SIDE
Minimum Equipment List (MEL)/Configuration Deviation List (CDL) items check
CAPT OIT SIDE
BOTH MEL/CDL ITEMS
Aircraft acceptance
CAPT OIT SIDE
Fire tests and APU startup
Radio management panels (RMP) startup
FO RMP 1 and 2
FO STANDBY RADIO NAVIGATION

It is recommended the following ways to ensure the optimal use of the communication: VHF selected for the active Air Traffic Control communications and emergency frequencies. VHF 2 for the Automatic Terminal Information Service (ATIS) VHF 3 for the ACARS Press and release the Interphone Reception knob to the out position. This enables communication with the ground crew. Auxiliary Power Unit and Engine fire test The pilots should perform the fire tests when the auxiliary power unit is available. Note: FO | APU FIRE..... CHECK IN and GUARDED Locate the APU fire pushbutton on the upper overhead panel, then make sure the guard is on. FO | ENGINE 1(2)(3)(4) FIRE..... CHECK IN and GUARDED The pilots maintains the TEST pushbutton pressed throughout the test. **TEST RESULT:** Verify that the fire detection systems and extinguishing systems are functional by checking the following items: a constant repetitive chime sound, the master warning light flashes on the glareshield, the ECAM displays the engine fire alert messages (ENG 1(2)(3)(4) FIRE, APU FIRE, MLG BAY FIRE), All engine fire pushbutton and the auxiliary power unit fire pushbutton displays in red, the squib light of the engine and apu agent pushbuttons are illuminated, the disch light of the engine and auxiliary power unit agent pushbuttom illuminates and all fire lights on the engine master panel illuminates. **Auxiliary Power Unit start** Ensure that the APU flap is fully open by looking on the auxiliary power unit page on the system display. **Electrical supply**

Flight Plan Preparation

Flight Management System / Onboard Information System FLT OPS system

The pilot initializes the onboard information system entering the following information: departure and arrival airport (FROM/TO) and flight number. Please note, the onboard information system can be initialized automatically from the flight management system. This also enables the automatic initialization of the FLT OPS application (Performance and navigation charts), the aeronautcal operation control (AOC), and the logbook.

 If the company flight plan is received via ACARS:
FO AIRCRAFT STATUS
FO RECEIVED COMPANY FLIGHT PLAN
FO FLIGHT NUMBER and DEPARTURE/ARRIVAL
BOTH OIT SIDE
BOTH FLT OPS STSSELECT
BOTH FLT OPS STS
 If the company flight plan is not received via ACARS:
BOTH OIT SLIDEFLT OPS
BOTH FLT OPS STSSELECT
FO FLIGHT NUMBER and DEPARTURE/ARRIVAL
FO FLT OPS STS page
Preliminary takeoff performance determination
It is recommended to consider the environmental conditions as well as the aircraft condition when computing the performance data.
BOTH T.O PERF
BOTH AIRFIELD DATA
 If dispatch under MEL or CDL and in accordance with the logbook:
BOTH MINIMUM EQUIPMENT LIST ITEMS
BOTH CONFIGURATION DEVIATION LIST ITEMS
In the corresponding performance application, verify the configuration deviation list items.

BOTH | ONBOARD INFORMATION SYSTEM PRELIMINARY TAKEOFF PERF......

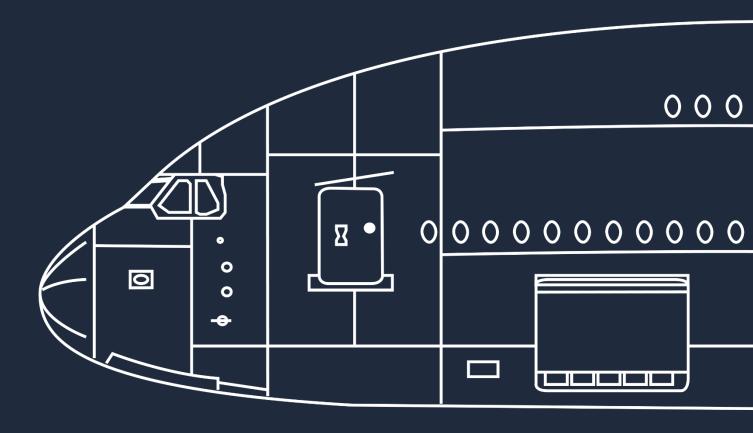
Verify in the takeoff performance application the estimated departure conditions like the runway selection and the runway characteristics. It is recommended to take into account any NOTAM emitted to the airport. Then, insert the outside conditions, the minimum equipmeent list/configuration deviation list items, and the aircraft configuration in the appropriate panels. Verify the takeoff weight and then launch the computation and review the result.

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Cockpit Preparation

Overhead Panel

White lights

When	n scanning the overhead panel:
It is recomm	WHITE LIGHTS
Note: -	This procedure may be based on operator policy. During cockpit preparation, the GND CONNECTION and the REMOTE C/B CTL on the maintenance and maintenance electrical panel respectively can be kept ON as long as maintenance personnel are on site using the portable maintenance access terminal (PMAT) for maintenance purposes. While scanning the overhead panel during this procedure, check that the only amber lights are the GEN FAULT lights.
Recorder	
	OR GND CTL
EVAC	
•	T/CAPT & PURS
Probe & w	vindow heat
•	DBE & WINDOW HEAT
Air Data Ir	nertial Reference System (ADIRS)
It is recommalso recommers. GPS is not a	IR MODE
Note:	It is recommended ensuring that at least one inertial reference system remains operative when a refuel operation is in progress.
Emergenc	cy Locator Transmittor (ELT)
FO ELT.	ARMED
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Reset panel Verify that all reset buttons are pushed, and none are in the outward position. **Exterior lighting** When turning the navigation light to **ON**, the navigation and obstruction lights illuminate. FO | REMAINING EXTERIOR LIGHTS..... AS REQUIRED Passenger signs It is recommeded to set the seat belts sign to **ON** once the refueling process is completed. **Engine starter** Air conditioning It is not recommended to use the auxiliary power unit bleed system if a high pressure ground air unit is connected to the aircraft. This can be checked on the bleed page of the system display. If there is pressure in the bleed air system, the high pressure ground air unit is connected.

The bleed system works with the flight management system. If there is no number of passenger entered in the flight management system, the airflow will be automatically set the air flow like when the value entered is the maximum number of passenger. If the number of passenger is entered, the airflow will automatically adjust to that number.

Electrical systems

FO | ELEC DC SD PAGE...... **DISPLAY**

FO ALL BATTERY (BATTERY 1, ESSENTIAL	BATTERY, BATTERY 2, and APU BATTERY)OFF then ON
Verify that after resetting all the batteries to ON , the curr decrease.	
Fuel system	
FO TRIM TK FEED	AUTO
Maintenance panel	
FO ALL LIGHTS	
Cargo air conditioning	
FO CARGO AIR COND selectors	AS REQUIRED
Radio management panel (RMP) 3	
FO RADIO MANAGEMENT PANEL 3	ON
FO STBY RAD NAV key	OFF
Cockpit voice recorder (CVR)	
FO CVR TEST	
Reset panel	
FO RESET BUTTONS (Right side) Verify that all the reset buttons are in the pushed position.	CHECK
Main Instrum	nent Panel
Switching	
FO SWITCHING selectors	
Integrated Standby Instrument System (IS	SIS)
FO INTEGRATED STANDBY INSTRUMENT SY It is recommended to adjust the brightness, then verify the the attitude indications and the heading.	
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Landing gear gravity system FO L/G GRVTYOFF
Clock
FO CLOCK
Anti-Skid
FO A-SKID
Pedestal
Parking brake
FO PARKING BRAKE
Body accumulators pressure
FO BODY ACCUMULATORS PRESSURE
Engines settings
FO THRUST LEVERS.IDLEFO THRUST REVERSER LEVERS.STOWEDFO ENGINE MASTER 1, 2, 3 AND 4.OFF
Cockpit door lock
FO COCKPIT DOOR SWITCHNORM
Air Traffic Control Communication
Air Traffic Control Communication
On the MFD ATC COM/MSG RECORD page: FO MESSAGE RECORD

 On the MFD ATC COM/CONNECT/CONNECTION STATUS page: If ADS services are expected:
FO ADSCHECK ARMED
Air Traffic Control Clearance
FO ATC CLEARANCE
MultiFunction Display Surveillance
BOTH SURV DEFAULT SETTINGS
Flight Management System Initialization
Flight plan FO FLIGHT PLAN INITIALIZATION
Winds predictions
WINDS
Inertial Reference System
 If the GPS is available: FO IRS 1, 2, and 3
If the GPS is not available, or is failed: FO IRS 1, 2, and 3
Departure selection
FO DEPARTURE. SELECT/CHECK Verify that the departure is selected. Ensure the correct runway, SID, and TRANS in the departure page of the flight management system.
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Navaids

PF NAVAIDS
PF NAVAID DESELECTION
Fuel and payload
FO ZFW/ZFWCG
If the data is not available yet, the pilot can insert the expected values to enable performance predictions and the optimal fuel distribution.
FO BLOCK FUELINSERT
Some speeds are displayed on the primary flight display are based on the ZFW and ZFWCG. If expected values are entered, the captain has the responsibility to insert the actual values.
The fuel will be automatically redistributed. If the refuel is not completed, pilot can enter expected values for prediction. However, it's the captain's responsibility to insert the actual values whenever the captain get the data.
FO RTE RSV/FINAL
FO MIN FUEL AT DEST
Takeoff performance
FO PRELIMINARY TAKEOFF PERF DATA
FO V1, VR and V2
FO TOGA/FLEX/DERATEDSELECT/INSERT
FO FLAPS SELECT
FO ANTI-ICEINSERT
FO THRUST REDUCTION/ACCELERATION ALTITUDESET or CHECK
FO NOISE PROCEDURE
FO TRANS ALTITUDE
FO EO ACCEL ALTITUDESET or CHECK
Climb performance
FO DERATED CLIMB

Speed preselection
On the climb and cruise panel of the active performance page of the flight management
system: FO PRESEL SPEEDSAS REQUIRED
Active flight plan verification
FO COMPUTERIZED FLIGHT PLAN
FO ACTIVE FLIGHT PLAN
Secondary flight plan
FO SECONDARY FLIGHT PLANS
Route summary
FO ROUTE SUMMARY
Flight Management System
CAPT FMS INITIALIZATION
Navigation charts clipboard
CAPT NAV CHARTS CLIPBOARD

Glareshield

Cockpit lighting

Loudspeaker BOTH | LOUDSPEAKER..... SET It is recommended setting the loudspeaker knob to the 1 o'clock position. **Barometric reference** BOTH | BAROMETRIC REFERENCE..... SET It is recommended to set the appropriate QNH to the electronic flight instrument control panel and on the Integrated standby instrument system. Then, verify that the differences between captain primary flight display and the first officer primary flight display is no more or less 20 feet and that the integrated standby instrument system and the primary flight display has no more than 30 feet of differences. Note: The pilot may notice a difference of 0.01 in Hg between the QNH value for the primary flight displays and the integrated standby instrument system. However, this does not impact the altitude computation. **Electronic Flight Instrument System Control Panel** BOTH | NAVIGATION DISPLAY MODE AND RANGE..... AS REQUIRED It is recommended setting the ARC mode on the navigation display if the departure is the around the same direction as the runway heading. However, it is recommended to set the NAV mode if the change of direction is above 70°. This will display the area behind the aircraft. It is also recommended to set the minimum range to display the first waypoint. It is recommended to ensure that there is no maintenance personnel around the aircraft within 20 feet of the aircraft, and that the aircraft is not facing a metallic obstacle within 20 feet of the aircraft. The weather radar will automatically start to emit when the first engine is started and the weather radar is selected to display weather information. BOTH | OTHER EFIS OPTIONS..... AS REQUIRED The other electronic flight instrument systems options can be selected at the pilot's discretion.

Auto Flight System Control Panel

FO FLIGHT DIRECTOR
FO NORTH REF
FO SPD/MACH, HDG / TRK, V/S / FPA windows
FO ALT window
CAPT AUTO FLIGHT SYSTEM CONTROL PANEL

Lateral Consoles

Oxygen mask test

It is mandatory to test the oxygen masks. To do it, simply verify that the oxygen mask blinker turns yellow, and that you can hear a flow of oxygen via the loudspeaker.

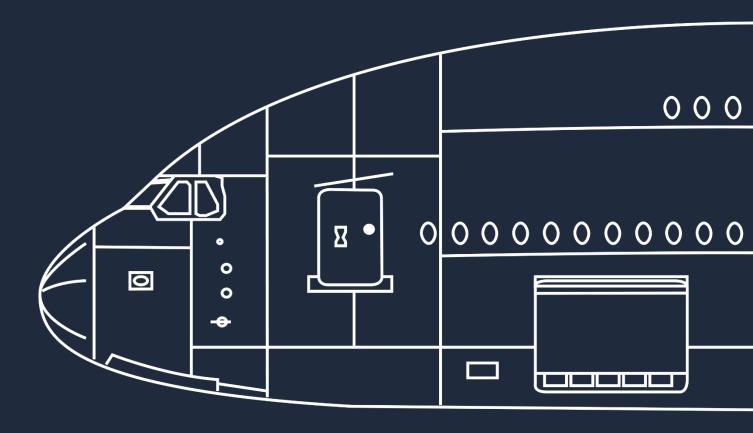
_	On the RMP:
	BOTH INT/RAD
_	On the mask stewage box:
	BOTH OXYGEN MASK TESTPERFORM
_	On the DOOR SD page:
	REGUL PR LO indication

Sliding windows

Takeoff Briefing



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Before Pushback or Start

Loadsheet Verification

Loadsheet

•	OADSHEETe loadsheet is accurate.	CHECK
BOTH FUEL O	N BOARD	CHECK that it corresponds to the flight plan and to the loadsheet.
•		CHECK/REVISE
It is recommended	comparing the ZFW/ZFWCG of the lo	adsheet with the entered values in the active fuel and
	WCGoth flight management system the value	cROSSCHECK es of the ZGW/ZFWCG.
Verify in the loadsh between the values	eet the takeoff center of gravity versus t	crosscheck ne ECAM gross weight center of gravity. If the difference is are correctly inserted. It might be a consequence of an inted.
Verify the gross we		he system display is within the operational limits of the ormation system loadsheet application.
FO THS F	e operational limits: PR_ in FMS ACTIVE/PERF page. off center of gravity indicated on the load	INSERT T.O CG (in %) dsheet.
CAPT THS	FOR_ in FMS ACTIVE/PERF page	jeCROSSCHECK
CAPT FINA	AL LOADSHEET	SIGN and EXPORT
	GWCG is not within the opera	
The ground tra ZFW / ZFWCo ground transfe	nsfer will automatically acttivate to obtaing values inserted in the flight manager (AGT) until the ECAM message "FUEID, you can manually stop the automatic	n the ground center of gravity target in accordance of the ment system. It is recommended waiting the automatic L AUTO GND XFR COMPLETED" appears. However, if ground transfer, if the ECAM center of gravity is within
Note:	The Loadsheet application shows the a operational limits.	amount of fuel that should be transferred to be within the
Note:	It is not recommended to launch the au	utomatic ground transfer when the aircraft is moving.
FO AUTO	GND XFR	MONITOR
It is recommer		
CAPT THS	FOR _ in FMS ACTIVE/PERF pag	geCROSSCHECK
CAPT FINA	AL LOADSHEET	SIGN and EXPORT
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Takeoff data

BOTH OIS FINAL TAKEOFF PERFORMANCE	
FO FMS TAKEOFF DATA	
CAPT REVISED FMS TAKEOFF DATA	CROSSCHECK
 In accordance with airlines policy or if required by operationa 	l regulation:
FO FINAL TAKEOFF PERFORMANCESTORE IN CURRECT ELECT	
Seating position	
BOTH SEATS, SEAT BELTS, HARNESSES, RUDDER PEDALS, ARI The pilot eyes should be in line with the red and white ball.	MRESTSADJUST
Head up display	
CAPT HEAD UP DISPLAY	DEPLOY
CAPT HEAD UP DISPLAY knob	ADJUST
CAPT DISPLAY MODE	
Multi function display	
BOTH MFD	
External power	
BOTH EXTERNAL POWER	CHECK AVAILABLE IL light before requesting the
CAPT EXTERNAL POWER DISCONNECTION	REQUEST
Low pressure ground cart	
BOTH LOW PRESSURE GROUND CARTS	

Before start checklist down to the line

When Cleared for Start

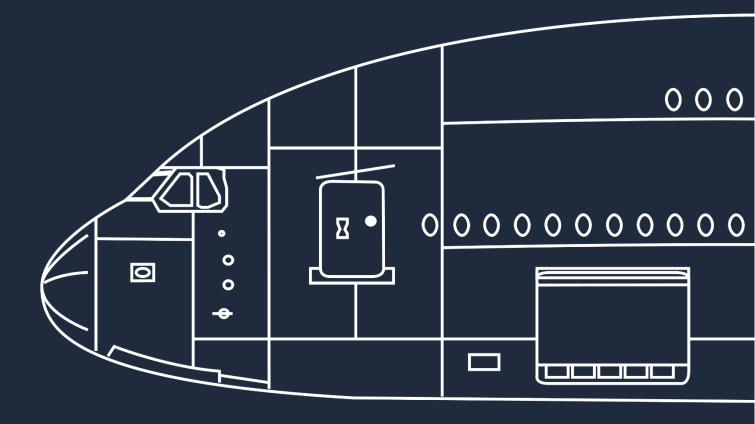
FO PUSHBACK/START UP CLEARANCE. When the air traffic control gives you clearance, transmit the message to the ground crew. Video camera BOTH TAXI VIDEO. It is recommended setting the TAXI video on the primary flight display or on the system display. Windows and doors BOTH WINDOWS AND DOORS. Verify on the DOOR system display that the doors are locked. Verify also that the windows are closed. CAPT SLIDES. CHECK CLOSED Verifor lights CAPT BEACON. Set the beacon light to ON when cleared for pushback. Thrust levers settings CAPT THRUST LEVERS. IDLE Ensure that the thrust levers are at the idle position. If the lever is beyond the idle detent, it can damage the engine at start-up.	When Cleared for Start
When the air traffic control gives you clearance, transmit the message to the ground crew. Video camera BOTH TAXI VIDEO. AS REQUIRED It is recommended setting the TAXI video on the primary flight display or on the system display. Windows and doors BOTH WINDOWS AND DOORS. CHECK CLOSED Verify on the DOOR system display that the doors are locked. Verify also that the windows are closed. CAPT SLIDES. CHECK ARMED Exterior lights CAPT BEACON. ON Set the beacon light to ON when cleared for pushback. Thrust levers settings CAPT THRUST LEVERS. IDLE Ensure that the thrust levers are at the idle position. If the lever is beyond the idle detent, it can damage the engine at start-up. Parking brake and nosewheel steering • If pushback is not required: CAPT PARK BRAKE. ON Verify that the pressure is above 3 500 PSI on the triple pressure indicator. • If pushback is required: CAPT PARK BRAKE. OFF CAPT NW STEER DISC MEMO. CHECK DISPLAYED LIDEC CAUTION In the case of the ECAM not displaying the ECAM message "NW STEER DISC" memo, but the ground crew confirms that the tow pin is in the towing position, do not proceed to the pushback	At pushback or start up clearance
BOTH TAXI VIDEO. It is recommended setting the TAXI video on the primary flight display or on the system display. Windows and doors BOTH WINDOWS AND DOORS. CHECK CLOSED Verify on the DOOR system display that the doors are locked. Verify also that the windows are closed. CAPT SLIDES. CHECK ARMED Exterior lights CAPT BEACON. Solve the beacon light to ON when cleared for pushback. Thrust levers settings CAPT THRUST LEVERS. Ensure that the thrust levers are at the idle position. If the lever is beyond the idle detent, it can damage the engine at start-up. Parking brake and nosewheel steering If pushback is not required: CAPT PARK BRAKE. ON Verify that the pressure is above 3 500 PSI on the triple pressure indicator. If pushback is required: CAPT PARK BRAKE. CAPT PARK BRAKE. CAPT PARK BRAKE. CAPT PARK BRAKE. CAPT NW STEER DISC MEMO. CHECK DISPLAYED CAUTION In the case of the ECAM not displaying the ECAM message "NW STEER DISC" memo, but the ground crew confirms that the tow pin is in the towing position, do not proceed to the pushback	I control of the cont
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Thrust levers settings CAPT THRUST LEVERS	Exterior lights
CAPT THRUST LEVERS	·
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CAPT PARK BRAKE	CAPT PARK BRAKE
In the case of the ECAM not displaying the ECAM message "N/W STEER DISC" memo, but the ground crew confirms that the tow pin is in the towing position, do not proceed to the pushback	CAPT PARK BRAKE OFF
	In the case of the ECAM not displaying the ECAM message "N/W STEER DISC" memo, but the ground crew confirms that the tow pin is in the towing position, do not proceed to the pushback

Follow the instructions of the ground crew. Set the parking brake when needed.

Before start checklist below the line



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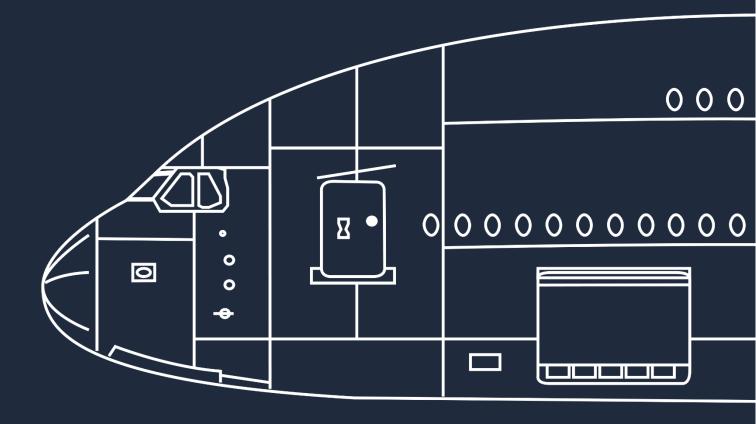
Engine Start

Engine Start

CAPT ENGINE START selector
 If no "ENG 2(3) REVERSER FAULT ECAM" ECAM alert appears:
CAPT START ENGINES 1 and 2
CAPT ENGINE MASTER 1, then 2
Note: It is recommended to monitor the engine parameters. However, callouts are not mandatory.
Note: The engine vibrates at the start. The tolerance of excess for the N2 vibrations are 5 units over the limit. However, this is only tolerated on a short amount of time and only during the start sequence. This is due to thermal stabilization of the engine.
Note: The full authority direct engines control (or FADEC) will automatically crank the engine for 20 seconds when the N2 level reaches 20 %
 When the engine reaches idle (I.e. AVAIL appears on the engine warning display):
CAPT ENGINE IDLE PARAMETERS
CAPT START ENGINES 3 and 4
CAPT ENGINE MASTER 3 then 4
 If ENG 2(3) REVERSER FAULT ECAM alert appears:
CAPT ENGING START selector
When XX appears on ENG parameters: CAPT ENG START selector
 If ENG 2(3) REVERSER FAULT ECAM alert no longer appears after 10 s :
CAPT ENGINES 1 and 2START It is recommended to apply the same procedure as indicated for the engine start sequence.
CAPT ENGINES 3 and 4



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After Start

After Start

Engine start sele	ector	
It is recommended se the engine to remai automatically replace	etting the engine start selector to NORM afte	r the end of the engine start sequence. This prevent while, the wheel page on the system display will ff to prevent thermal shock.
Bleed system		
•	RY POWER UNIT BLEED	ves automatically open.
Engine Anti-Ice	system	
It is recommended	d to set the engine anti-ice to ON	when icing conditions are expected, standing ne outside air temperature is less than 10°C.
of the taxi time, and	• •	un-up must be performed at least every 30 minutes up, set the parking brake to ON, then increase the o the last two engines.
CAUTION	If the aircraft starts to move, abort the end is stationary, redo the procedure, but only	gine run-up procedure. Then, when the aircraft y one engine at the time.
Auxiliary Power	Unit	
	STER SWITCHr unit is no longer required, turn it OFF .	OFF
Ground spoilers		
•	POILERSers lever to the outward position to arm the	ground spoilers.
Rudder trim		
		the RESET button on the rudder trim panel.
Flaps		
It is recommended to	o set the flaps to takeoff position. Verify the particing condition, delay the flaps extension	oosition on the slats/flap display on the primary flight on until the runway holding point. This prevents
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Pitch trim

Verify that the pitch trim is set to the takeoff trim position. It is displayed on the primary flight display.

ECAM STATUS

Verify that there is no status reminder in the engine warning display. If a status reminder is siplayed, press the STS button on the ECAM control panel to display the STATUS page.

Ground crew

CAPT | CLEAR TO DISCONNECT......ANNOUNCE

When the clearance to disconnect is given, the ground crew should remove the chocks, remove the tow pin, disconnect the interphone and make a hand signal on one side of the aircraft.

"N/W STEER DISC" ECAM message

Fligth controls verification

BOTH | FLIGTH CONTROLS......CHECK

It is recommended to perform the fligth control verification when the flaps are set to the takeoff configuration. To perform the test, the captain remain silent, while the first officer announces call-outs. It is recommended to start with the pitch, then roll, then yaw. The captain must ensure to maintain the sidestick to the position to give enough time to the control to reach the full position. The first officer monitors the flight control page of the system display and announces "FULL UP", "FULL DOWN", "NEUTRAL", "FULL LEFT", "FULL RIGHT", "NEUTRAL". For the rudder, the captain must press the PEDAL DISC pushbutton to disconnect the nosewheel steering, then apply the left and right position of the rudder.

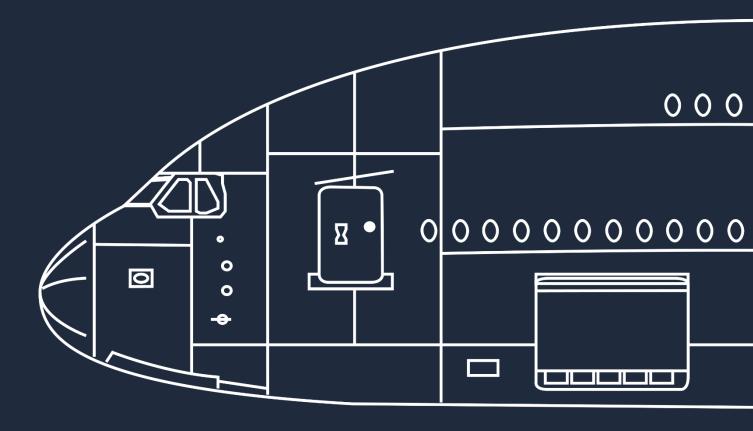
After start checklist

BOTH | AFTER START CHECKLIST......COMPLETE

The checklist can be found in the document "FBW A380X Checklists"



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Taxi

TAXI

To acknowledge a ramp coordinator signal, turn the turnoff lights **ON** then **OFF**.

Air Traffic Control Clearance
FO TAXI CLEARANCE
External and taxi aid camera system (ETACS)
BOTH TAXI
Airport navigation
It is recommended to always have direct external visuals to taxi around an airport.
BOTH NAVIGAT DISPLAY RANGE selector
Exterior lights
CAPT NOSE LIGHTS
CAPT RWY TURN OFF & CAMERA
Parking brake
CAPT PARKING BRAKE
Thrust Levers
CAPT THRUST LEVERS

Brakes

The first brake application when the aircraft was parked in a wet condition for an CAUTION extended period may affect effectiveness.

It is recommended to verify the brakes by pressing smoothly the brake pedals and release. It is recommended to have a taxi speed between 10 to 20 knots in a straight line. If the speed is exceeded, brake until it reaches 10 knots, than let the aircraft accelerate again. It is recommended to be between 8 and 10 knots in a sharp turn.

Nosewheel steering

It is recommended to have smooth and progressive input. Please note that the maximum steering angle is 70°. Air traffic control clearance Takeoff data Update the takeoff data if the runway has been changed. TAKEOFF DATA COMPUTATION If multiple runway selection was used: Verify that the new runway was one of the selected runway and that the runway conditions are still accurate. Verify the takeoff data of the runway selected for takeoff. If takeoff conditions have changed: It is recommended to relaunch the computation to have the latest accurate data. Verify that the results are the same for the captain and the first officer.

IN THE FMS ACTIVE/PERF PAGE

SOP

IN THE TWO ACTIVE/I ENT TACE
 In the case of ATC clearance or takeoff change:
FO TAKEOFF PERFORMANCE DATA
FO V1, VR AND V2
FO FLEX TAKEOFF TEMPERATURE
FO FLAPS UPDATE
CAPT FLIGHT MANAGEMENT SYSTEM UPDATES
CAPT FLAPS LEVER
Auto Flight System/Flight instrument
 If runway change or different air traffic control clearance:
FO FLIGHT PLAN (SID, TRANS)
FO CLEARED ALTITUDE
FO HEADING
FO FLIGHT DIRECTOR
BOTH PRIMARY FLIGHT DISPLAY / NAVIGATION DISPLAY
BOTH Multi Funciton Display
Takeoff briefing
PF TAKEOFF BRIEFING
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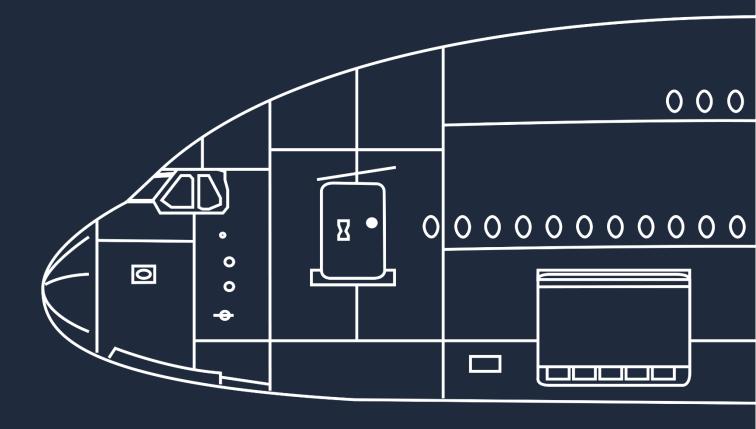
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Autobrake

When selecting the RTO autobrake mode, the RTO ARM light illuminates, the BRK RTO message appears on the flight mode annunciator. The RTO autobrake mode is a braking system in case of a rejected takeoff. If the speed is above 72 knots, the RTO brake will apply maximum braking if the engine thrust levers are set to idle. Below that speed, it won't activate. Air Traffic Control Final verification By pressing the TO CONFIG pushbutton situated on the ECAM control panel, the system will verify the aircraft conditions and ensure it is ready for takeoff. The engine warning display will display the message "T.O CONFIG NORMAL" if everything is in order. Verify that there is no blue line in the takeoff message section. Verify on the engine warning display the display of the message "CABIN READY" or obtain the report from the chief flight attendant "Cabin ready for takeoff". Before takeoff checklist down to the line The checklist can be found in the document "FBW A380X Checklist"



X085A



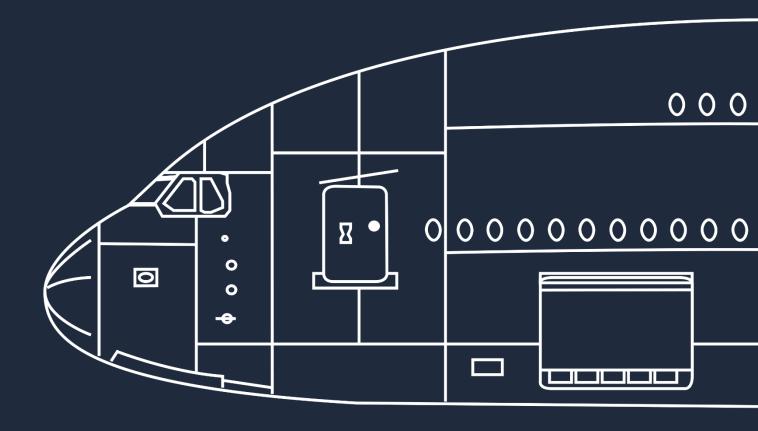
Before Takeoff

Before Takeoff

Takeoff or line-up clearance
FO TAKEOFF OR LINE UP CLEARANCE
Cabin crew
FO CABIN CREW
Packs
FO PACKS 1 and 2
Exterior lights
FO EXTERIOR LIGHTS
ETACS
- If the ETACS was used during the taxi: BOTH TAXI
Electronic Flight Instrument System Control Panel
BOTH NAVIGATION DISPLAY RANGE
It is recommended setting the weather radar on the pilot in command side, and the terrain radar on the pilot monitoring side.
BOTH TRAF
Before entering the runway
BOTH APPROACH PATH

	BOTH TAKEOFF RUNWAY
S	Bliding table
	BOTH SLIDING TABLESTOWED
T	CAS
	FO TA
E	Before takeoff checklist below the line
	BOTH BEFORE TAKEOFF CHECKLIST below the line





Takeoff

Takeoff

Thrust settings

It is recommended performing rolling takeoff.
PF TAKEOFF ANNOUNCE
PF THROTTLE
 If the crosswind is at, or below 23 kt, and there is no tailwind:
PF BRAKES
PF THRUST LEVERS
 If the crosswind is above 23 kt, and/or in the case of tailwind:
PF BRAKES
PF THRUST LEVERS
At 20 kt ground speed:
PF THRUST LEVERS
PM CHRONOMETER
PF DIRECTIONAL CONTROL
PM PRIMARY FLIGHT DISPLAY / NAVIGATION DISPLAY
Note: The lateral mode isn't displayed until the aircraft lifts off, unless an ILS is tuned with the associated departure runway.
Note: If the message "GPS PRIMARY LOST" appears, verify on the navigation display the flight management system the position (As exemple, on the runway centerline).
PM TAKEOFF THRUST
Before reaching 80 knots
PM THRUST SET
PM PRIMARY FLIGHT DISPLAY and ENGINE indications

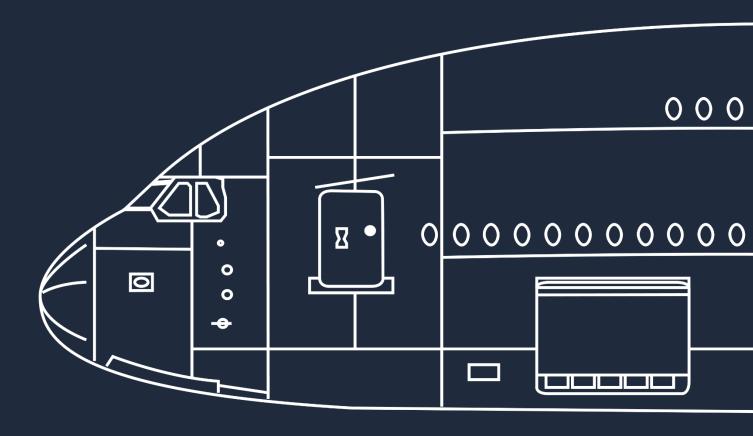
At 100 knots
PM ONE HUNDRED KNOTS
At V1 speed
PM V1
At VR speed
PM ROTATION
When positive climb
PM POSITIVE CLIMB
It is recommended to engage either autopilot 1 or autopilot 2 above 100 feet above ground level.
At the thrust reduction altitude
PF THRUST LEVERS
Above the acceleration altitude
 At F speed: Note: For takeoffs in CONFIG 1+F, F speed does not appear. PF FLAPS 1
At S speed:

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PF | FLAPS ZERO ORDER

PM FLAPS ZERO	SET
PM EXTERIOR LIGHTS	SET
It is recommended to switch OFF the nose light and the runway turn off & camera	
PM GROUND SPOILERS	.DISARM





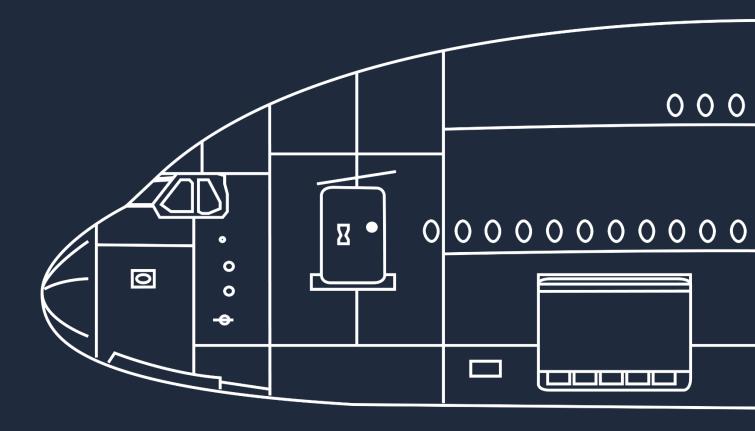
After Takeoff

After Takeoff

Auxiliary Power Unit

 If the auxiliary power unit was used to supply the air conditioning: PM AUXILIARY POWER UNIT BLEED		
TCAS		
If the takeoff was performed with TA ONLY mode:		
PM TA Mode		
Anti-Ice protection		
PM ANTI-ICE		
Sliding table		
BOTH SLIDING TABLE		
After takeoff/climb checklist down to the line		
BOTH AFTER TAKEOFF/CLIMB CHECKLIST down to the line		





Climb

Climb

Initial climb

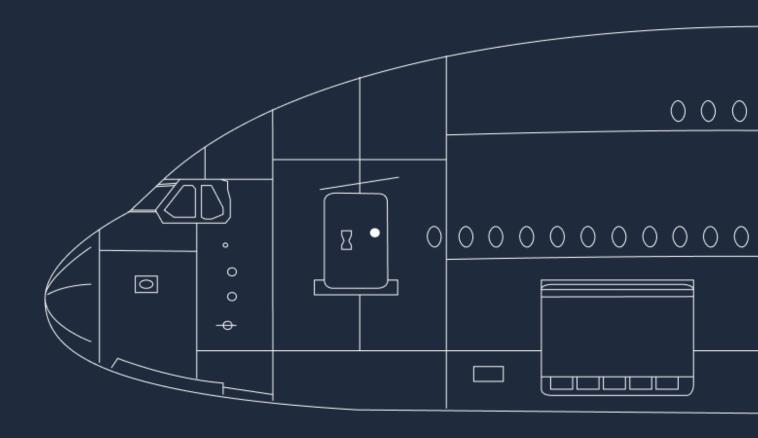
PF Cru	ise Flight Level)	
At the air the auto fl	MB SPEED MODIFICATIONS	1	
Note:	If required the use of the best speed and best rate of climb for long term situation, the speed must be between the green dot speed and the econ speed. When flying at high altitude, an acceleration can take some time.		
Note:	The airspeed can be below the green dot at high altitude, depending on the mach speed selected or computed by the flight management system.	٢	
After take	eoff/climb checklist below the line		
	AFTER TAKEOFF/CLIMB CHECKLIST below the line	•	
Anti-Ice p	orotection		
It is recom	TI-ICE		
At 10 000) feet		
PM LAI	NDING LIGHT	:	
•	SEAT BELTS SIGNS		
BOTH E	Electronic Flight Instrument System OPTIONS)	
PM EC	AM MEMO	ļ	
– On p	 On pilot in command request or approved by the pilot in command: 		
	NAVAIDS		
•	TIMAL/MAXIMUM ALTITUDE		

At the transition altitude

When the aircraft reaches the transition altitude, the barometric setting will automatically flash on the primary flight display. It is recommended to set STD on the electronic flight instrument system control panel and on the integrated standby instrument system.



A380X



Cruise

Cruise

Cruising altitude

Note:

The pilot will need to change the cruise altitude on the flight management system active performance page is the selected auto flight system control panel altitude is below the flight management system cruise flight level.

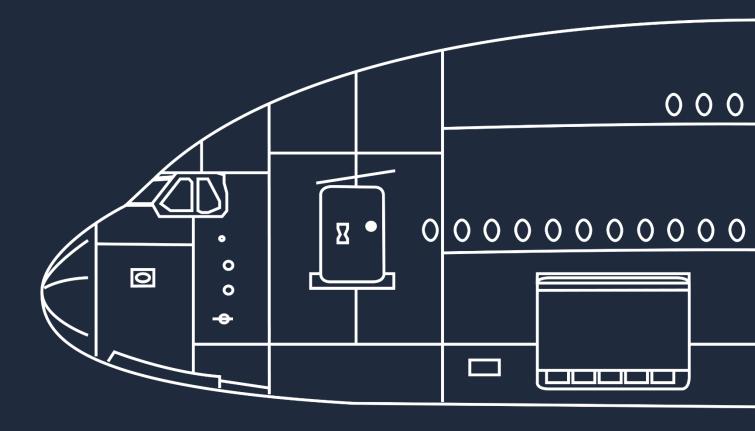
ECAM

It is recommended to monitor the bleed system page and the electrical system display page.

Flight progress

Step flight level





Descent Preparation

Descent Preparation

Landing information

It is recommended to start the preparation 80 nautical miles before the top of descent.		
PM WEATHER AND LANDING INFORMATION		
PF LANDING ELEVATION	K	
Barometric reference		

Electronic Centralized Aircraft Monitor

Set the QNH on the electronic flight instrument system control panel.

The STATUS page appears automatically when the QNH is set or when the slats are extended. Take a look at the status page before completing the approach briefing. Take note of any failures or system degradation that can affect the landing capability, the approach or the descent. Verify the "ALERTS IMPACTING LDG PERF" on the STATUS MORE page to verify if any alert has an impact on the landing performance.

Landing performance

regulations.

PM SYNCHRO ECAM BUTTON
PM LANDING PERFORMANCE
In the Onboard Information System, verify the estimated arrival conditions of the selected airport and runway. Then,
enter the estimated landing conditions in the CONDITIONS part, and check any items relevent to the aircraft in the
AIRCRAFT STATUS part. Finally, launch the computation and compare the result with the airline policy or local

Flight Management System

It is recommended to verify the managed speed in the flight management system. If a different speed is needed, insert that speed in the ECON entry field.

Note: The managed speed profile has as default value of speed limit of 250 knot below 10 000 feet. The pilot can alter this speed limit on the VERT REV page of the flight management system.

or any arrival type change will reset the minimum altitude. Finally, verify the landing configuration. Select the landing configuration on the APPR panel of the performance page. Depending on the runway length, go-around performance, windshear, severe turbulence, or system failure, the pilot can choose the FLAPS 3 configuration rather than FLAPS FULL.

It is recommended to use of the managed speed when the landing configuration and the configuration selected on the APPR panel are exactly the same. If an in-flight failure occurred that affects the landing performace, compute the new value in the landing performance application for the approach speed, then insert the new value in the approach panel of the active performange page of the flight management system.

Onboard Airport Navigation System

The pilot shifts the runway threshold and the runway end as required. The brake to vacate system will locate the dry line and the wet line and select an appropriate runway exit.

Brake To Vacate system

It is recommended the use of the BTV autobrake system when the runway is in dry or wet conditions.

CAUTION	It is not recomi
	contaminated ar

It is not recommended to use of the brake to vacate system when the runway is contaminated, an inoperative engine thrust reverser, or any aircraft failure affecting the anding performance.

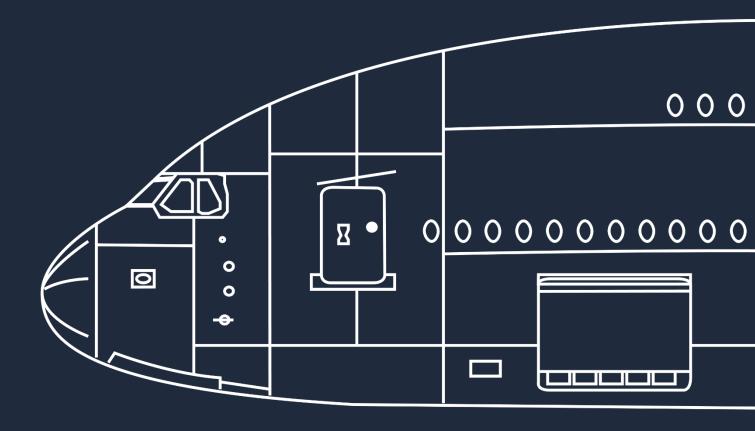
PM Navigation Display MODE	
PM Navigation Display RANGE	ZOOM
PM RUNWAY	SELECT

comfort. It is also recommended to take into account arrival gate, the ground circulation, the runway exit configuration, and the predicted turn around time, which is displayed on the navigation display.

Autobrake

It is recommended to use of the autobrake system to have equal brake pressure and prevent brake overheat. Select the appropriate autobrake mode, depending on the weight, the runway length, the conditions and the winds. However, if the pilot selects the BTV system, set the BTV mode before removing the onboard airport navigation display from the navigation display. It is recommended on contaminated runway to use the autobrake mode 3. It is recommended to use of the HI mode if the BTV mode is not available or on short runway conditions If the pilot selected BTV: BOTH | OANS RUNWAY LENGTH VERSUS CHARTS RUNWAY LENGHTCROSSCHECK In order to verify the onboard airport navigation display, verify the runway length corresponds to the active charts. The difference of length between the onboard airport navigation must not be more than 115 feet. Landing briefing The landing briefing has the objective of prepare the planned approach. It is recommended using the flight management system pages as guide to the descent and approach. **Descent clearance** It is recommended setting the cleared altitude on the auto flight system control panel if above the safe altitude. If the safe altitude is higher than the cleared altitude, please refer to the air traffic control. Meanwhile, set the safe altitude on the auto flight system control panel. **Anti-Ice protection** It is recommended setting the engine anti-ice to **ON** when expecting icing conditions. However, please note that during descent, if the engines are at idle, the anti-ice will reduce the descent path angle.





Descent

Descent

Descent initiation

It is recommended to initate the descent by engaging the DES mode at the top of descent (I/D shown on the navigation display or the active flight plan page of the flight management system) calculated by the flight management system. The top of descent is calculated so that the aircraft reaches VAPP at 1 000 feet above ground level.

Note: The top of descent is not displayed when the heading mode or track mode is engaged.

. When the aircraft reaches the top of descent

If the ATC requires an early descent

It is recommended to use the DES mode. This will lead to a lower vertical speed. This will ensure that the aircraft will converge with the planned descent path.

If the ATC delays the descent

It is recommended to engage the DES mode with managed speed active when cleared Beyond the T/D, the by the air traffic control.

Descent monitoring

Descent adjustment

If there is need to increase rate of descent, It is recommended to increase the selected speed if the air traffic control authorizes. It is also recommended to maintain a high speed as long as possible, if the air traffic control authorize. This ensures a more fuel efficient descent. It is not recommended to use of speed brakes. It is also not recommended to combine descent and deceleration.

It is recommended to use the speed brakes to increase the rate of descent in the OP DES mode. However, it is not recommended to use of speedbrakes in DES mode. The autothrottle will engage higher thrust to compensate the increased drag.

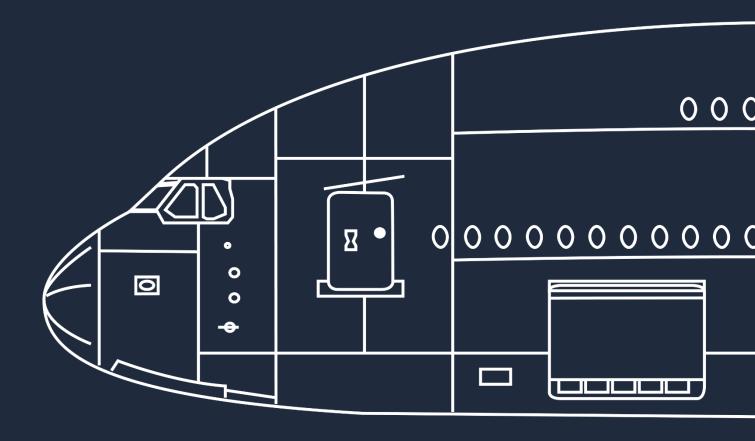
At 20 000 feet

Note:

It is recommended the captain to use the seat belt sign selector to sound 3 chimes (by selecting auto than on) and then make a passenger announcement "Cabin crew, prepare for landing".

Terrain Avoidance Warning System and Weather Radar		
BOTH TERRAIN RADAR		
BOTH WEATHER RADAR		
At 10 000 feet		
PM LANDING LIGHTS		
CAPT SEAT BELTS SIGN		
BOTH CSTR		
BOTH LS		
 For Non-Precision Approach flown with the Flight management system landing system function: 		
PM FLS CAPABILITY		
PM FLS DATA		
PF NAVAIDS		
Holding		
PM HOLDING PATTERN		
Approach checklist		
BOTH APPROACH CHECKLIST		





Precision Approach

Initial Approach

Initial approach

PM APPF	PROACH PHASE	HECK/ACTIVATE
The aircraft v	t will activate the APPR phase automatically if flown over the pseudo waypoint in NA	AV mode. However, if
the aircraft in touchdown.	nautical miles from	
PF POSIT	SITIONING	HECK/ACTIVATE
It is recommondated HDG or TRA	However, when using y.	
PF MANAGED SPEED		
It is recommended to regularly verify the managed speed and to monitor the target speed.		
	When in NAV, LOC*, or LOC mode is engaged, the aircraft will automatically dece waypoint.	elerate at the DECEL
PF SPE	EED BRAKES	. AS REQUIRED
Navigation	n accuracy	
• If C	GPS PRIMARY LOST :	
DI/	M NAVIGATION ACCURACY	MONTIOD
FIV	WI INAVIGATION ACCORACT	

Intermediate and Final Approach

APPR mode activation

"NAV ACCUR DOWNGRADED".

When the ATC clears the aircraft for the approach:

It is recommended to press the APPR mode pushbutton situated on the auto flight system control panel when the air traffic control clears the approach to the aircraft. This will provide the LOC and Glideslope of the selected ILS approach (as selected on the flight management system). However, the LOC and glidesIppe mode will engage approximately 3 seconds after the APPR mode activation.

It is recommended to verify on the POSITION/MONITOR page the navigation accuracy. It is recommended to change approach strategy if the following message on the flight management system message area:

Note:

The multifunction display and the primary flight display will display "CHECK APPR SEL" if the pilot selected a non-precision approach in the active flight plan, and if the pilot manually inserted an ILS frequency on the POSITION/NAVAIDS page.

LOC capture domain

Please note, the LOC capture point represent the point of the projected LOC centerline. PF AUTOPILOT 1+2
Approaching green dot speed
PF FLAPS 1
PM FLAPS 1
PM TCAS MODE
PF LOC CAPTURE
Note: There are international regulations for LOC beam capture. In ICAO standards, the LOC beam must ensure a normal capture within 10 nautical mile, at more or less 35 degrees from the centerline. However, expect some abnormal captures at airports following minimal requirements.
PF G/S CAPTURE
If above the glideslope :
PF V/S MODE
PF AUTO FLIGHT SYSTEM CONTROL PANEL ALTITUDE
It is recommended to select an altitude above the aircraft altitude to prevent any altitude engagement.
When G/S Capture (G/S*) :
PF-PM GO-AROUND ALTITUDE

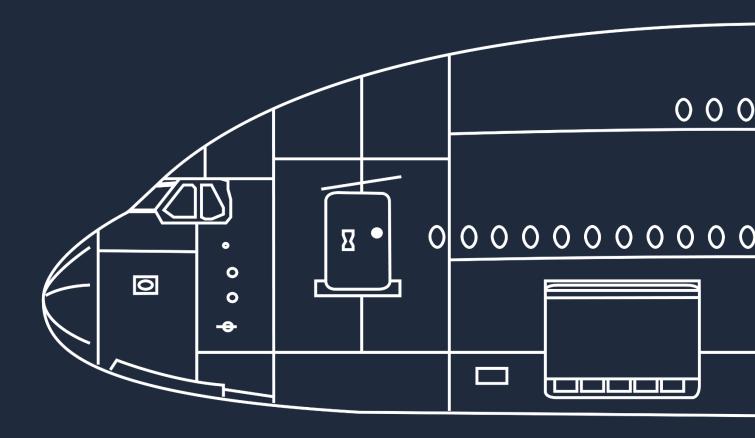
Below VFE Next, at 2 500 feet above ground level minimum		
PF FLAPS 2		
PM FLAPS 2		
Verify that the aircraft is decelerating toward the F speed. If the aircraft interception of the ILS/GLS glideslope is below 2 000 feet above ground level, It is recommended setting the flaps 2 at one dot below the glideslope. If the aircraft is above the glideslope, or the aircraft does not decelerate, it is recommended to extend the landing gear. It is not recommended to use the speed brakes due to limited effect at low speed.		
After FLAPS 2 selection, at 2 000 feet above ground level minimum		
PF LANDING GEAR DOWN		
PM LANDING GEAR		
Set the landing gear lever to the DOWN position.		
PM AUTO BRAKE		
Note: It is recommended to land on the runway indicated on the BTV settings if using the brake to vacate system. If the aircraft lands on a different runway, the autobrake will change automatically to HI in short final.		
PM GROUND SPOILERS		
PM EXTERIOR LIGHTS		
After landing gear down		
Below VFE NEXT :		
PF FLAPS 3		
PM FLAPS 3		
PM WHEEL SYSTEM DISPLAY PAGE		
Below VFE NEXT :		
PF FLAPS FULL ORDER PM FLAPS FULL SET		
Set the flaps to the full position. Verify that the aircraft is decelerating towards the approach speed.		
PF AUTOTHROTTLE		
When available, and for GLS CAT I landing with autoland function, and if the autothrottle is availabe, engage the autothrottle.		
BOTH SLIDING TABLE		
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SOP

PM LANDING MEMO
BOTH CABIN
BOTH LANDING CHECKLIST
PF FLIGHT PARAMETERS
 At 500 ft AGL (or RA) and below and if the flight crew selected BTV autobrake mode: The pilot monitoring should adjust the navigation display range selector to display the onboard airport navigation system. This will show the dry and wet lines.
• At 350 ft AGL (or RA) :
PF LAND ON FLIGHT MODE ANNUNCIATOR
PF ILS(GLS) COURSE
At minimum + 100 feet
PM ONE HUNDRED ABOVE
At minimum altitude
PM MINIMUM
CAPT LANDING or GO-AROUND





Non Precision Approach

Initial Approach

PM APPROACH PHASE	ypoint in navigation mode. onfirm the approach phase
PF POSITIONING	CHECK/ACTIVATE tination panel of the active . If the aircraft is in heading
PF MANAGED SPEED	CHECK
Note: The aircraft will decelerate automatically at the DECEL pseudo waypoin managed speed is active, and either NAV or LOC mode is engaged.	t when on these modes:
PF SPEED BRAKES	
PM REQUIRED NAVIGATION PERFORMANCE on the FLIGHT MANAG	
Verify if the Required Navigation Accuracy is appropriate to the phase of the flight on the Poof the flight management system.	
PF FLIGHT MANAGEMENT SYSTEM LANDING SYSTEM CAPABILITY. Verify the flight management system landing system capability by selecting the approach. I message "NO FLS FOR THIS APPR", the system can't perform the approach. If it isn't approach strategy.	If the multi function display
BOTH NAVIGATION DISPLAY MODE	.ARC or ROSE NAV
BOTH VOR(ADF) NEEDLES (VOR pb (ADF pb))	AS REQUIRED
Intermediate and Final Approach	
Approach phase activation	
PF APPR BUTTON ON THE AUTO FLIGHT SYSTEM CONTROL PANEL It is recommended to press the APPR pushbutton when cleared for the approach by the the APPR pushbutton is pressed, the F-LOC/LOC/LOC B/C and F-G/S modes will activa Non-Precision Approach on the flight management system arrival page and when the midisplay the "NO FLS FOR THIS APPR" message.	e Air Traffic Control. When ate if the pilots selected an
BOTH FLYING REFERENCE	
PF AUTOPILOT ENGAGEMENT	ILOT'S DISCRETION
PF FLIGHT MANAGEMENT SYSTEM LANDING SYSTEM CAPABILITY . Verify on the flight mode annunciator the appearance of either F-APP or F-APP + RAW, d type.	CHECK
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Approaching Green dot speed

PF FLAPS 1
PM FLAPS 1
PM TCAS MODE
runways, the use of TA ONLY mode is recommended.
PF F-LOC, LOC, OR LOC B/C CAPTURE
PF F-G/S CAPTURE
If above the flight glideslope beam :
PF FLIGHT PATH ANGLE MODE
It is recommended to not exceed 2 000 feet per minute. PF AUTO FLIGHT SYSTEM CONTROL PANEL ALTITUDE
SET ABOVE AIRCRAFT ALTITUDE
It is recommended to select of an altitude above the current altitude to prevent ALT mode engagement.
At flight glideslope engagement: BOTH GO-AROUND ALTITUDE
Below VFE next, at 2 500 feet above ground level minimum
PF FLAPS 2
PM FLAPS 2
After Flaps 2 selection, at 2 000 feet above ground level minimum
PF LANDING GEAR DOWN
PM LANDING GEAR
PM AUTO BRAKE
Note: It is recommended to be prepared for changing runway conditions. Change the autobrake mode if required. Note: It is recommended to land on the runway indicated on the BTV settings if use of BTV. If the aircraft lands on a different runway, the autobrake will change automatically to HI in short final.

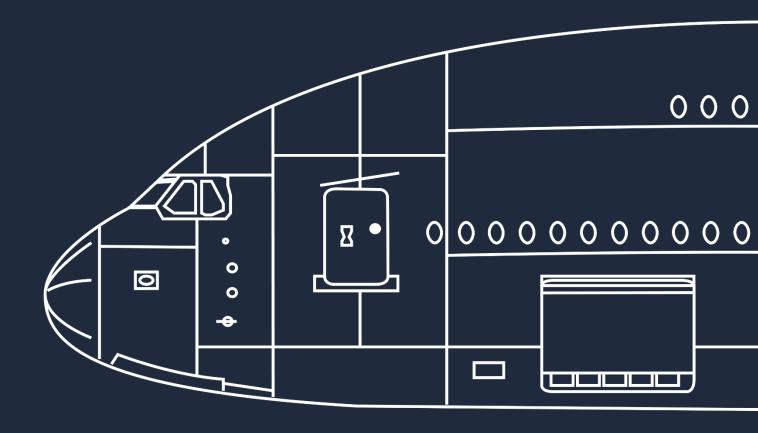
PM GROUND SPOILERS
PM EXTERIOR LIGHTS
After landing gear down selection
Below VFE Next :
PF FLAPS 3
PM FLAPS 3
PM WHEEL SYSTEM DISPLAY PAGE
Verify the wheel system display page appears below 800 feet above ground level or at the extension of the landing gear. It is recommended to verify the five landing gear green indication, as well as at least one green triangle on each landing gear. This indicates the landing gear strut is locked at the down position.
Below VFE Next :
PF FLAPS FULL
PM FLAPS FULL
PF AUTOTHROTTLE
For a ground based augmentation system landing system CAT I with autoland functionality, verify if the use of
For a ground based augmentation system landing system CAT I with autoland functionality, verify if the use of autothrottle is available. It is recommended to use the autothrottle for this case.
For a ground based augmentation system landing system CAT I with autoland functionality, verify if the use of autothrottle is available. It is recommended to use the autothrottle for this case. BOTH SLIDING TABLE
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• At 500 ft AGL (or RA) and below and if the flight crew selected BTV autobrake mode: The pilot monitoring should adjust the navigation display range selector to display the onboard airport navigation system. This will show the dry and wet lines.

At minimum + 100 feet PM ONE HUNDRED ABOVE
At minimum altitude
PM MINIMUM
 If the flight crew obtains appropriate visual references :
CAPT LANDING or GO-AROUND
PF AUTOPILOT
PF FLIGHT DIRECTOR OFF
PM FLIGHT DIRECTOR
PM RUNWAY TRACK
PF LANDING SYSTEM
PM LANDING SYSTEM
If the flight crew obtains appropriate visual references :

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Visual Approach

Approach

Initial / Intermediate Approach

The pilot must use external visual references for this type of approach.

At the beginning of the downwind leg	
PM APPROACH PHASE	. ACTIVATE
The pilot can activate the approach phase on the APPR panel of the active perf page.	
PF FLIGHT DIRECTOR OFF	ORDER
The pilot in command orders to the pilot monitoring to turn OFF the flight director.	
PM FLIGHT DIRECTOR	OFF
The pilot monitoring turn OFF the flight director.	
PM FLYING REFERENCE	TRK-FPA
The pilot can activate the TRK-FPA mode on the auto flight system control panel.	
PM AUTOTHROTTLE ACTIVE	CHECK
The pilot can verify the autothrottle is active by looking on the flight mode annunciator.	
On the downwind leg	
When on the threshold, the pilot must extend the downwind leg by 45 seconds, including wind corre	ection. The pilot

can turn into the base leg. He must ensure the aircraft doesn't bank more than 30°. It is recommended to follow the flight path angle.

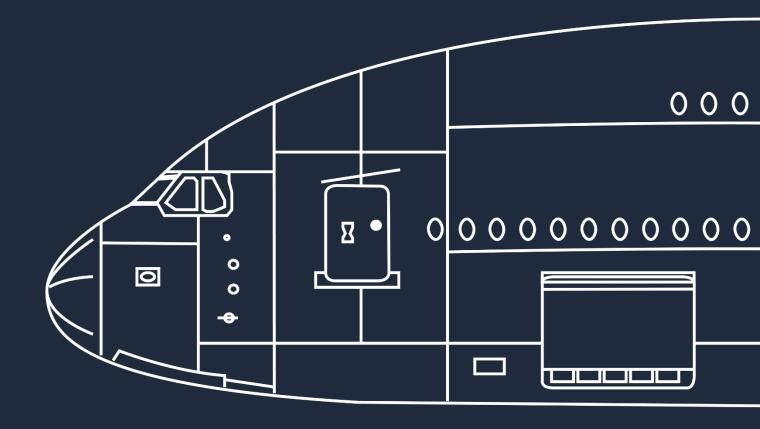
Below Vfe Next

The pilot in command order to the pilot monitoring to set the flaps to the second step. The pilot monitoring set the flaps levers to the second step, and verify the aircraft deceleration toward the F speed.

Final Approach

- When using manual thrust, the pilot can use the speed trend arrow and flight path vector to help coordinating thrust settings. It is recommended to avoid performing a descent with idle thrust. This may lead to a speed decay and altitude loss.
- The aircraft must be stabilized by 500 ft above ground level. If not, a go-around procedure must be initiated.
- It is recommended to avoid performing big corrections in the last 100 ft above ground level in order to have a smooth landing.





Landing

Landing

For manual landing
PF AUTOPILOT
At around 40 feet radio altimeter When performing a stabilized approach, the normal flare height is 40 ft above ground level. PF FLARE
The pilot monitoring monitor the pitch and banking. If excessive angles, there is possibility of wing strike and tail strike.
PF THRUST LEVERS
For Automatic Landing
Between 50 feet and 40 feet radar altimeter PM FLIGHT MODE ANNUNCIATOR
PF FLARE
At approximately 30 feet radar altimeter PM FLIGHT MODE ANNUNCIATOR
At 10 feet radar altimeter
There should have an automatic "RETARD" callout triggered. PF THRUST LEVERS
PF LATERAL GUIDANCE
At touchdown
PM FLIGHT MODE ANNUNCIATOR
If AUTO ROLL OUT: PF AUTOPILOT
Derotation
As soon as the main landing gear touches down: DELDEROTATION INITIATE ONLY INITIATE
PF DEROTATION

Landing Roll

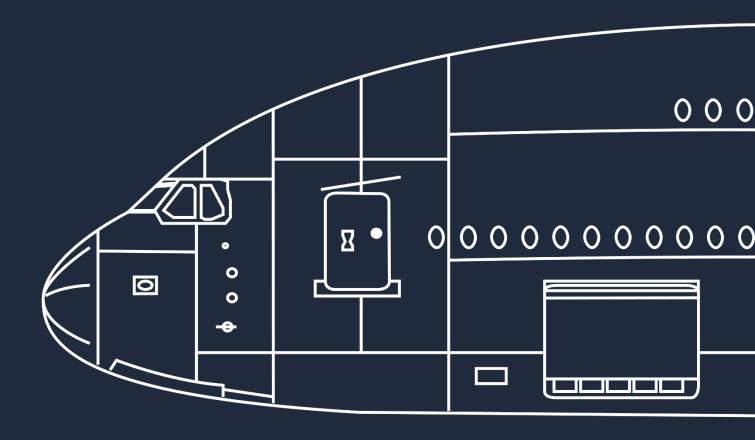
It is recommended t of the thrust reverse	R LEVERS	s down. If for operational reason the use until the aircraft reaches the taxi speed.
Verify the slats/flaps deployed. In the eve	SPOILERS EXTENDED	ay. Ensure that the ground spoilers are sitioned at the IDLE detent. If no ground
Note: If the fli	light crew didn't arm the spoilers, the spoilers will automat	ically deploy at thrust reverser activation.
	RS	
•	NAL CONTROL	
	ded the use of the nosewheel steering control handle bet	fore reaching the taxi speed.
Verify on the flig	e selected: BRAKE	LO, BRK 2, BRK 3, or BRK HI).
 If no autobr 	rake:	
•	S	
	ERATION	
	DLLOUT, before 20 knots:	
PF AUTOP	PILOT	DISCONNECT
At 80 Knots		
	NOTS	ANNOUNCE
PF REVERSER	R LEVERS	IDLE
CAUTION	It is recommended avoiding high reverse thrust at le REVERSE" sounds, or in an emergency situation	ow speed, unless the "KEEP MAX
For CAT II & CA	AT III Operations with BTV	
) ft remains to the end of the runway, and the ai	rcraft ground speed is higher than
10 knots:	UTODDAKE MODE	41/22-
	UTOBRAKE MODE	

At taxi speed

The autobrake can be disarmed at the pilot's discretion. It is recommended to use one of the autothrottle instinctive disconnect pushbuttons to disarm the autobrake. If BTV mode was used, the autobrake will disarm automatically at 10 knots.



X086A



Go Around

Go-Around

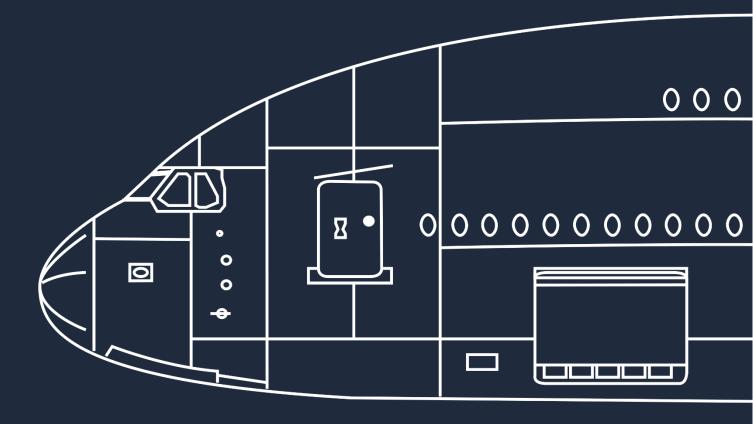
Go-around initialization

PF THRUST LEVERS
Set the thrust levers to the TOGA detent. You can then delay the reduction of thrust later if required. This ensures the activation of the Go-Around phase with the corresponding autopilot and flight director modes.
Notes: If the go-around phase isn't properly engaged, the FMS will continue the sequence to the destination waypoint in the flight plan, instead of engaging in the go-around procedure.
When the go-around phase engages, the approach used for this landing will be set back in the flight plan at the end of the go-around procedure.
PF ROTATION
PF GO-AROUND
PM FLAPS
PF FLIGHT MODE ANNUNCIATOR
PM POSITIVE CLIMB
PF LANDING GEAR UP
PM LANDING GEAR
PF NAV or HDG
At go-Around thrust reduction altitude
PF THRUST LEVERS
At go-Around acceleration altitude
 If the targeted speed does not increase to the initial climb speed:
PF AUTO FLIGHT SYSTEM CONTROL PANEL ALTITUDE
PF ALTITUDE
FlyDyANiro A200V

PF FLAPS
PM FLAPS
PM GROUND SPOILERS
PM EXTERIOR LIGHTS
BOTH AFTER TAKEOFF/CLIMB CHECKLIST down to the line
 If the transition altitude is reached:
BOTH BAROMETRIC REFERENCE
BOTH AFTER TAKEOFF/CLIMB CHECKLIST below the line
Preparation for second approach: PM APPROACH PHASE
To divert to the alternate: PM FLIGHT MANAGEMENT SYSTEM
When cleared to a waypoint: DIRECT TO
PF FLIGHT MANAGEMENT SYSTEM



X085A



After Landing

For Simulation Purposes

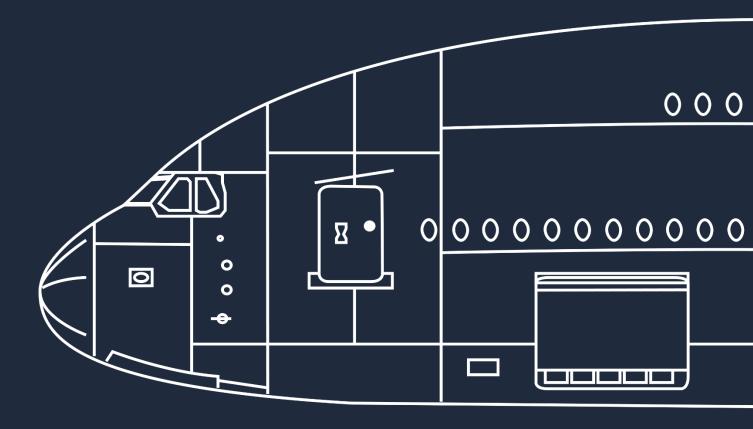
After Landing

Ground spoilers
CAPT GROUND SPOILERS
Flaps
FO FLAPS
Auxiliary Power Unit
FO AUXILIARY POWER UNIT MASTER SWITCH
Engine start
FO ENGINE START SELECTOR
Anti-Ice
FO ANTI-ICE
Exterior lights
FO LANDING LIGHTS
FO STROBE
FO OTHER EXTERIOR LIGHTS
FO NOSE
FO RUNWAY TURN OFF LIGHTS & CAMERA
FlyByWire A380X flybywiresim.com

The checklist can be found in the document "FBW A380X Checklist"



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Parking

For Simulation Purposes

Parking

Anti-Ice system
FO ANTI-ICE
Turn the anti-ice OFF on the overhead panel.
Auxiliary Power Unit bleed
FO AUXILIARY POWER UNIT BLEED
Parking brake
CAPT PARKING BRAKE
Engine masters 1,2,3, and 4
CAPT ENGINE MASTERS SWITCHES 1, 2, 3, AND 4
Note: In the case that the APU isn't available, it is recommended the connection of the external power before the engine shutdown sequence.
When turning the engine master switches OFF , verify that the engine parameters decrease.
Clock
FO ELAPSED TIME (If applicable)
Seat belts sign
CAPT SEAT BELTS
Slides
CAPT SLIDES DISARMED

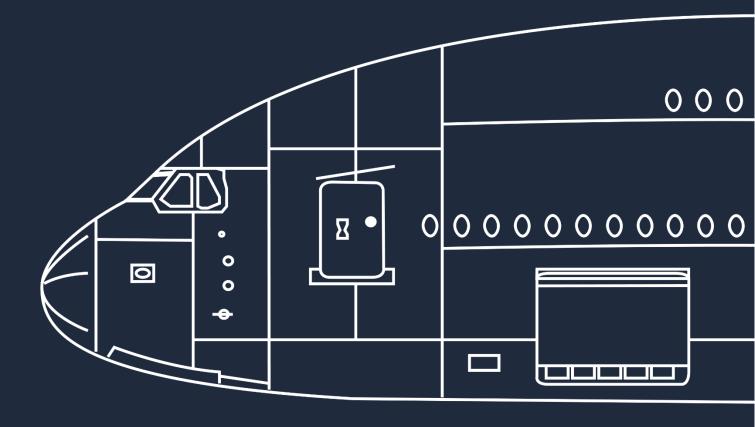
Exterior lights CAPT BEACON When all the engines have spooled down, turn OFF the beacon light. CAPT OTHER EXTERIOR LIGHTS Turn the exterior lights ON or OFF as required.	
Ground contact	
CAPT GROUND CONTACT	SHED
Fuel pumps	
PM FUEL PUMPS	.OFF
Head up display	
CAPT HEAD UP DISPLAY	TOW
Fuel quantity	
PNF FUEL QUANTITY	IECK
Parking checklist	
BOTH PARKING CHECKLIST	LETE
Parking brake	
CAPT PARKING BRAKE	
Notes: You can leave the parking brakes set when the winds, including gust, exceed 30 knots, when the pramp slope is excessive, or when the surface is wet.	arking
Onboard Information System (OIS) closure	
BOTH ONBOARD INFORMATION TERMINAL SLIDE	OSE
BOTH EXIT SESSION	ORM
FlyByWire A380X flybywiresim SOP 3 DEC	

Logbook

BOTH ONBOARD INFORMATION TERMINAL SIDE	NSS AVNCS
In order to access the logbook, set the Onboard Information Terminal Side switch to the NSS	AVNCS position.
CAPT FLIGHT CLOSURE	PERFORM
Verify the VHF 3 DATA mode is active before closing the electronic flight.	



X085A



Securing the Aircraft

For Simulation Purposes

Securing the Aircraft

Parking brake	
CAPT PARKING BRAKE	ON
Oxygen crew supply	
FO OXYGEN CREW SUPPLY)FF
Air Data Inertial Reference System	
CAPT ADIRS (1+2+3)	will
Exterior lights	
FO EXTERIOR LIGHTS)FF
Ground services	
CAPT GROUND SERVICING	ED
Auxiliary Power Unit bleed	
FO AUXILIARY POWER UNIT BLEED)FF
External power	
FO EXTERNAL POWER	liary
Note: To reduce the electrical load, you can turn OFF the FANS and COOLG pushbuttons. It is hower recommended to turn them ON as soon as possible.	ever
Auxiliary Power Unit	
FO AUXILIARY POWER UNIT MASTER SWITCH)FF
FlyByWire A380X flybywiresim.co SOP 3 DEC 20	

Passenger signs FO EMERGENCY EXIT LIGHTS
Onboard Information System (OIS)
BOTH ALL LAPTOPS
Note: The Network Server System (NSS) will automatically shuts down when the aircraft electrical supply is down.
BOTH Onboard Information Terminal
Securing the aircraft checklist
BOTH SECURING THE AIRCRAFT CHECKLIST
Battery 1, Essential, Battery 2, and Auxiliary Power Unit Battery
FO ALL BATT (Battery 1, Essential, Battery 2, APU Battery)
Cockpit way light