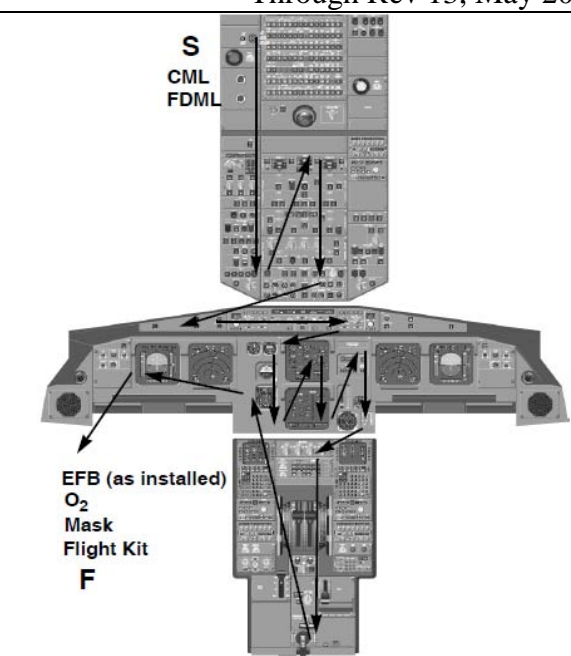
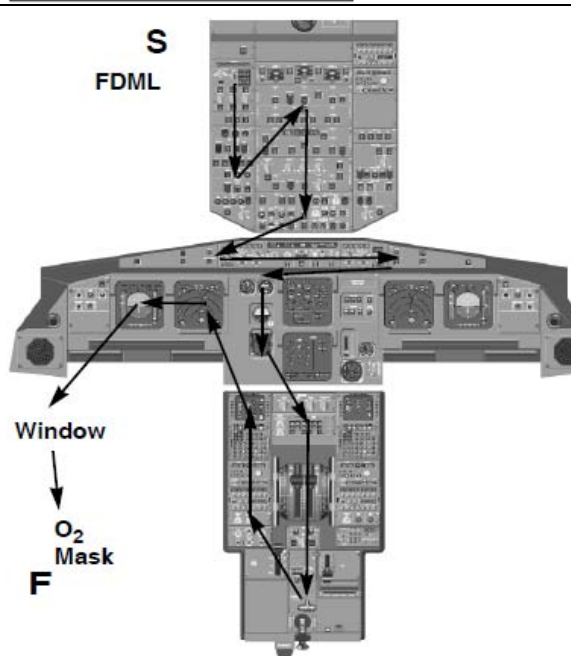
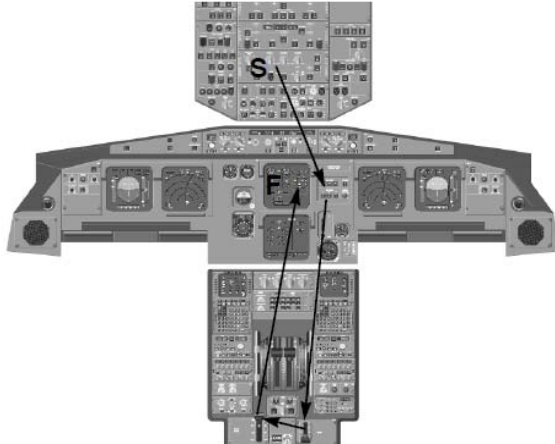

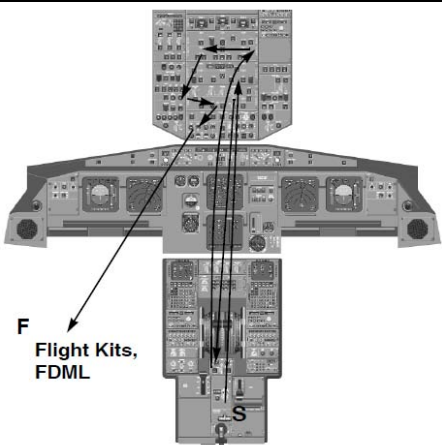


# AB 320 Flows - Captain

Through Rev 13, May 2010

Flows	Trigger	Diagram
<p><b>Flightdeck Preparation</b></p>	<p>Accomplish on the first flight of the day, after a crew change, or prior to an oceanic flight. These flows should also be accomplished if...</p> <ul style="list-style-type: none"> <li>• maintenance has been performed in the flightdeck,</li> <li>• the crew has been absent for an extended period from the flightdeck, or</li> <li>• there have been visitors to the flightdeck without a pilot present.</li> </ul> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p><i>If first flight of the day, after a crew change, or prior to an oceanic flight</i></p> <ul style="list-style-type: none"> <li>• CML - Checked</li> <li>• FDML - Checked</li> <li>• ELT (as installed) - Checked</li> <li>• ADIRS Panel - Checked</li> <li>• FLT CTL Panel - Checked</li> <li>• EVAC Panel - Checked</li> <li>• EMER ELEC PWR Panel - Checked</li> <li>• GPWS Panel - Checked</li> <li>♦ RCDR Panel - Checked</li> <li>• OXYGEN Panel - Checked</li> <li>• CALLS Panel - Checked</li> <li>• RAIN RPLNT/WIPER Panel - Checked</li> <li>• AUDIO SWITCHING Panel - Checked</li> <li>• FIRE Panel - Checked</li> <li>• HYD Panel - Checked</li> <li>• FUEL Panel - Checked</li> <li>• ELEC Panel - Checked</li> <li>• AIR COND Panel - Checked</li> <li>• ANTI ICE Panel - Checked</li> <li>• PROBE/WINDOW HEAT Panel - Checked</li> <li>• CABIN PRESS Panel - Checked</li> <li>• EXT LT Panel - Checked</li> <li>• INT LT Panel - Checked</li> <li>• SIGNS Panel - Checked</li> <li>• Glareshield, Left Side - Checked</li> <li>• EFIS Control Panel - Checked</li> <li>• FCU - Checked</li> <li>• Center Instrument Panel - Checked</li> <li>• EIS Switching Panel - Checked</li> <li>• ECAM Control Panel - Checked</li> </ul> </div>	 <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <ul style="list-style-type: none"> <li>• Pitch Trim Wheels - Checked</li> <li>• Thrust Levers - Fwd Idle</li> <li>• ENG Panel - Checked</li> <li>• Flaps - Checked</li> <li>• RUDDER TRIM Panel - Checked</li> <li>• Parking Brake - Checked</li> <li>♦ Alternate Brakes - Checked</li> <li>• EMERGENCY GEAR EXTN - Stowed</li> <li>• SPEED BRAKE - RET &amp; Disarmed</li> <li>• WX Radar Control Panel - Checked</li> <li>• Light Panel - Checked</li> <li>• ACP - Checked</li> <li>• RMP - Checked</li> <li>• MCDU - Set</li> <li>• Instrument Panel - Checked</li> <li>• EFB (as installed) - Checked</li> <li>• Oxygen &amp; Interphone - Checked</li> <li>• Flight Kit Contents/Dates - Checked</li> </ul> </div>
<p><b>Before Start</b></p>	<p>Approximately 15 minutes prior to departure and after Route Verification completed. Assumes clearance received, and APU started.</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p><i>Approximately 15 minutes prior to departure and after Route Verification completed.</i></p> <ul style="list-style-type: none"> <li>• FDML - Checked</li> <li>• ADIRS - NAV</li> <li>• RCDR GND CTL - ON</li> <li>• FUEL Panel - Set</li> <li>• AIR COND Panel - Set</li> <li>• NO PORTABLE ELEC DEVICE/NO SMOKING (as installed) - ON</li> <li>• EFIS Control Panel - Set</li> <li>• FCU - Checked</li> <li>• Standby Altimeter/ISIS (as installed) - Set QNH</li> <li>• TERR ON ND - As required</li> <li>• DDRMI (as installed) - Checked</li> <li>• ECAM - Checked</li> <li>• PARK BRK - ON</li> <li>• ACP - Set</li> <li>• RMP - Set</li> <li>• MCDU - Set</li> <li>• ND - Checked</li> <li>• PFD - Checked</li> <li>• Window - Closed/Locked</li> <li>• Oxygen - Checked</li> <li>• Departure Briefing - Reviewed</li> </ul> <p><i>After fuel slip received.</i></p> <ul style="list-style-type: none"> <li>• Fuel Slip - Reviewed</li> <li>• SEAT BELTS SIGNS - ON</li> <li>• Call for "Before Start Checklist"</li> </ul> </div>	
<p><b>Before Pushback</b></p>	<p>After receiving the cabin ready notification and all doors are closed and armed.</p>	<p>BEACON - ON N/W STRG DISC Memo - Checked</p>
<p><b>After Start</b></p>	<p>After ground equipment is clear, first officer verbally acknowledges the captain's wands up signal statement, and engine(s) are stabilized.</p>	<p>Spoilers - ARMED ACP - Set Engine Anti-ice - Ensure ON, or OFF Call for "Flaps ____, Taxi"</p>

Taxi	After departing the gate, final weight and balance received, and both engines running.	Flight Controls - Checked THRUST BUMP (IAE) (if required) - Engaged Takeoff Data/Flex - Checked Call for <b>“Taxi Checklist”</b>			
Before Taking the Runway	Approximately 1-3 minutes prior to taking the runway.	Runway - Check Call for <b>“Below the Line”</b>			
After Takeoff (PM)	After flap retraction and prior to 10,000 feet MSL.  <table border="1"> <tr> <td><i>After flap retraction and prior to 10,000 feet MSL</i></td> </tr> <tr> <td> <ul style="list-style-type: none"> <li>• AIR COND - Checked</li> <li>• Landing Gear - Checked</li> <li>• Flaps - Checked</li> <li>• Cabin Vertical Speed - Checked</li> </ul> </td> </tr> <tr> <td> <ul style="list-style-type: none"> <li>• Accomplish After Takeoff Checklist silently; verbalize <b>“After Takeoff Checklist Complete”</b></li> </ul> </td> </tr> </table>	<i>After flap retraction and prior to 10,000 feet MSL</i>	<ul style="list-style-type: none"> <li>• AIR COND - Checked</li> <li>• Landing Gear - Checked</li> <li>• Flaps - Checked</li> <li>• Cabin Vertical Speed - Checked</li> </ul>	<ul style="list-style-type: none"> <li>• Accomplish After Takeoff Checklist silently; verbalize <b>“After Takeoff Checklist Complete”</b></li> </ul>	
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<ul style="list-style-type: none"> <li>• Accomplish After Takeoff Checklist silently; verbalize <b>“After Takeoff Checklist Complete”</b></li> </ul>					
Through 10,000 Feet (PF)	Climbing through 10,000 feet MSL (PM – “10,000”, ECAM – Checked)	External Lights - As required (As installed) NO PORTABLE ELEC DEVICE/NO SMOKING - OFF or SEAT BELTS - Cycle			
Transition Altitude	Climbing through the transition altitude  <table border="1"> <tr> <td><i>Climbing through the transition altitude</i></td> </tr> <tr> <td> <ul style="list-style-type: none"> <li>• BARO SET - PULL STD</li> <li>• PFDs - Crosscheck</li> <li>• PM RMP/ACP - Monitor 121.5</li> <li>• PM calls <b>“Transition, Standard”</b></li> <li>• PF responds <b>“Standard”</b></li> </ul> </td> </tr> </table>	<i>Climbing through the transition altitude</i>	<ul style="list-style-type: none"> <li>• BARO SET - PULL STD</li> <li>• PFDs - Crosscheck</li> <li>• PM RMP/ACP - Monitor 121.5</li> <li>• PM calls <b>“Transition, Standard”</b></li> <li>• PF responds <b>“Standard”</b></li> </ul>		
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Transition Level	Descending through the transition level.	BARO SET - Push and set (as required) PFDs - Crosscheck PM calls <b>“Transition, &lt;Appropriate altimeter setting&gt;”</b> PF calls <b>“&lt;Appropriate altimeter settings&gt;”</b>			
Descending Through 18,000 Feet (PF)	Descending through 18,000 feet MSL (PM – Seat Belts – ON, ECAM – Checked, MCDU – Set Accomplish Descent-Approach Checklist)	After the PM calls <b>“18,000”</b> (callout is replaced with the Transition callout, if Transition Level is FL 180) Call for <b>“Descent - Approach Checklist”</b>			
Descending Through 10,000 Feet (PF)	Just prior to descending through 10,000 feet MSL. (PM – “10,000”, and In-Range Report – Sent)	After the PM calls <b>“10,000”</b> (In-Range sent) External Lights - As required (As installed) NO PORTABLE ELEC DEVICE/NO SMOKING – ON or SEAT BELTS - Cycle			
Landing (PF)	After extending the flaps to 3. (PM – ENG MODE NORM or IGN, Accomplish Landing Checklist)	Spoilers - Armed Call for <b>“Landing Checklist”</b>			
After Landing	After the aircraft has cleared the active runway	External Lights - As required Call for <b>“Flaps - Up”</b> (or as operationally required)			
Shutdown	When the aircraft comes to a stop parked at the gate.  <table border="1"> <tr> <td><i>When the aircraft comes to a stop parked at the gate.</i></td> </tr> <tr> <td> <ul style="list-style-type: none"> <li>• PARK BRK - ON</li> <li>• ENG 2 MASTER - OFF</li> <li>• Electrics - Establish</li> <li>• ENG 1 MASTER - OFF</li> <li>• Y ELEC PUMP - Off</li> <li>• FUEL PUMPS - OFF</li> <li>• GPWS LDG FLAP 3 - Off</li> <li>• APU BLEED (if required) - ON</li> <li>• ANTI ICE - Off</li> <li>• BEACON - OFF</li> <li>• STS - Checked</li> <li>• Flight Kit - Checked</li> <li>• FDML - Checked</li> </ul> </td> </tr> <tr> <td> <ul style="list-style-type: none"> <li>• Accomplish Shutdown Checklist silently; except verbalize <b>“Slides...Verify... Disarmed”</b> and <b>“Shutdown Checklist Complete”</b></li> </ul> </td> </tr> </table>	<i>When the aircraft comes to a stop parked at the gate.</i>	<ul style="list-style-type: none"> <li>• PARK BRK - ON</li> <li>• ENG 2 MASTER - OFF</li> <li>• Electrics - Establish</li> <li>• ENG 1 MASTER - OFF</li> <li>• Y ELEC PUMP - Off</li> <li>• FUEL PUMPS - OFF</li> <li>• GPWS LDG FLAP 3 - Off</li> <li>• APU BLEED (if required) - ON</li> <li>• ANTI ICE - Off</li> <li>• BEACON - OFF</li> <li>• STS - Checked</li> <li>• Flight Kit - Checked</li> <li>• FDML - Checked</li> </ul>	<ul style="list-style-type: none"> <li>• Accomplish Shutdown Checklist silently; except verbalize <b>“Slides...Verify... Disarmed”</b> and <b>“Shutdown Checklist Complete”</b></li> </ul>	
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