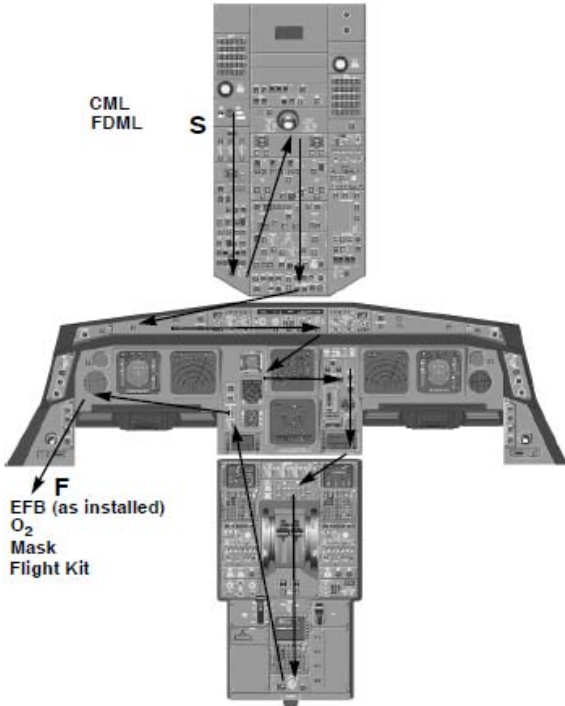
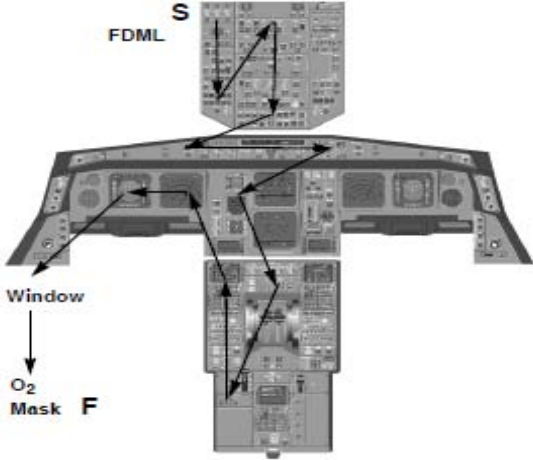
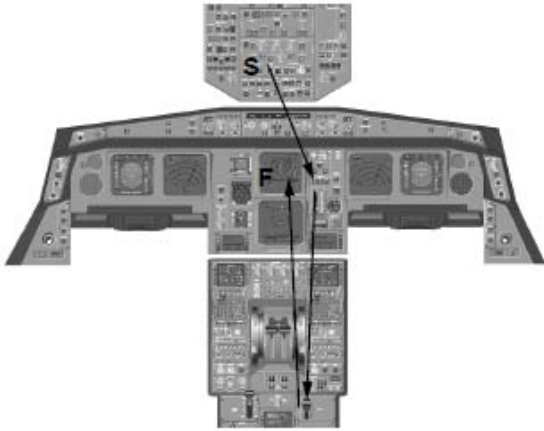
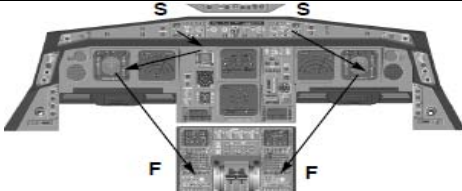
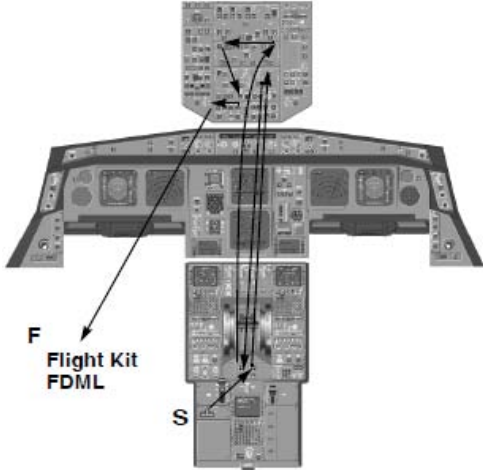


AB 330 Flows - Captain

July 23, 2010 (includes rev. 14)

Flows	Trigger	
<p>Flightdeck Preparation</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"> • maintenance has been performed in the flightdeck, • the crew has been absent for an extended period from the flightdeck, • there have been visitors to the flightdeck without a pilot present. <p>Start early enough to ensure all equipment is operating properly and to allow maintenance <i>sufficient</i> time to correct any irregularities.</p> <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"> • CML - Checked • FDML - Checked • ELT (as installed) - Checked • ADIRS Panel - Checked • APU FIRE Panel - Checked • FLT CTL Panel - Checked • FUEL Panel - Checked • EVAC Panel - Checked • EMER ELEC PWR Panel - Checked • GPWS Panel - Checked • RCDR Panel - Checked • OXYGEN Panel - Checked • CALLS Panel - Checked • RAIN RPLNT/WIPER Panel - Checked • MAINTENANCE Panel - Checked • FIRE Panel - Checked • HYD Panel - Checked • FUEL Panel - Checked • ELEC Panel - Checked • AIR COND Panel - Checked • ANTI ICE Panel - Checked • PROBE/WINDOW HEAT Panel - Checked • CABIN PRESS Panel - Checked • EXT LT Panel - Checked • INT LT Panel - Checked • SIGNS Panel - Checked • Glareshield, Left Side - Checked • EFIS Control Panel - Checked • FCU - Checked • Center Instrument Panel - Checked • ECAM SWITCH Panel - Checked • LDG GEAR Panel - Checked </div>	<div style="text-align: center;">  </div> <p style="margin-top: 10px;">Flow cont.</p> <div style="border: 1px solid black; padding: 5px;"> <ul style="list-style-type: none"> • Switching Panel - Checked • ECAM Control Panel - Checked • Thrust Levers - Idle • Pitch Trim Wheels - Checked • ENG Panel - Checked • FLAPS - Checked • MCDU 3 - Checked • RUDDER TRIM Panel - Checked • Parking Brake - Checked • Alternate Brakes - Checked • SPEED BRAKE - RET & Disarmed • Weather Radar Control Panel - Checked • Light Panel - Checked • ACP - Checked • RMP - Checked • MCDU - Checked • Instrument Panel - Checked • EFB (as installed) - Checked • Oxygen & Interphone - Checked • Flight Kit Contents/Dates - Checked </div>
<p>Before Start</p>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> <p><i>Approximately 15 minutes prior to departure and after Route Verification completed</i></p> <ul style="list-style-type: none"> • FDML - Checked • ADIRS - NAV • RCDR GND CTL - On • FUEL Panel - Set • APU Bleed - ON • NO PORTABLE ELEC DEVICE - ON • EFIS Control Panel - Set • FCU - Checked • Standby Altimeter (as installed) - Set • DDRMI (as installed) - Checked • ISIS (as installed) - Checked • TERR ON ND - As required • ECAM - Checked • PARK BRK - ON • ACP - Set • RMP - Set • MCDU - Set • ND - Checked • PFD - Checked • Window - Closed/Locked • Oxygen - Checked • Departure Briefing - Brief if PF </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> <p><i>After fuel slip received.</i></p> <ul style="list-style-type: none"> • Fuel Slip - Reviewed • SEAT BELTS SIGNS - ON </div> <div style="border: 1px solid black; padding: 5px;"> <ul style="list-style-type: none"> • Call for "Before Start Checklist" </div>	<div style="text-align: center;">  </div> <p style="margin-top: 10px;">Assumes APU started.</p>
<p>Before Pushback</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>

After Start	After ground equipment is clear, first officer verbally acknowledges the captain's wands up signal statement, and engine(s) are stabilized.	<ul style="list-style-type: none"> • Spoilers - ARM • ACP - VHF 1 • ENG ANTI ICE - Ensure ON or Off • Call for "Flaps ___, Taxi" 	
Taxi	After departing the gate, final weight and balance received, and both engines running.	<ul style="list-style-type: none"> • Flight Controls - Checked • Takeoff Data/Flex - Checked • Call for "Taxi Checklist" 	
Before Taking the Runway	Approximately 1-3 minutes prior to taking the runway.	Runway - Check Call for "Below the Line"	
After Takeoff (PM)	<table border="1" data-bbox="289 363 925 564"> <tr> <td> <p><i>After flap retraction and prior to 10,000 feet MSL</i></p> <ul style="list-style-type: none"> • AIR COND - Checked • Landing Gear - Checked • Flaps - Checked • Cabin Vertical Speed - Checked <p>• Accomplish After Takeoff Checklist silently; verbalize "After Takeoff Checklist Complete"</p> </td> </tr> </table>	<p><i>After flap retraction and prior to 10,000 feet MSL</i></p> <ul style="list-style-type: none"> • AIR COND - Checked • Landing Gear - Checked • Flaps - Checked • Cabin Vertical Speed - Checked <p>• Accomplish After Takeoff Checklist silently; verbalize "After Takeoff Checklist Complete"</p>	
<p><i>After flap retraction and prior to 10,000 feet MSL</i></p> <ul style="list-style-type: none"> • AIR COND - Checked • Landing Gear - Checked • Flaps - Checked • Cabin Vertical Speed - Checked <p>• Accomplish After Takeoff Checklist silently; verbalize "After Takeoff Checklist Complete"</p>			
Through 10,000 Feet (PF)	Climbing through 10,000 feet MSL (PM - "10,000", NO PORTABLE ELEC DEVICE - OFF, ECAM - Checked)	After the PM calls "10,000" <ul style="list-style-type: none"> • External Lights - As Required 	
Transition Altitude (PF & PM)	<table border="1" data-bbox="289 821 925 999"> <tr> <td> <p><i>Climbing through the transition altitude</i></p> <ul style="list-style-type: none"> • BARO SET - PULL STD • PFDs - Crosscheck • PM calls "Transition, Standard" • PF responds "Standard" • PM RMP/ACP - Monitor 121.5 </td> </tr> </table>	<p><i>Climbing through the transition altitude</i></p> <ul style="list-style-type: none"> • BARO SET - PULL STD • PFDs - Crosscheck • PM calls "Transition, Standard" • PF responds "Standard" • PM RMP/ACP - Monitor 121.5 	
<p><i>Climbing through the transition altitude</i></p> <ul style="list-style-type: none"> • BARO SET - PULL STD • PFDs - Crosscheck • PM calls "Transition, Standard" • PF responds "Standard" • PM RMP/ACP - Monitor 121.5 			
Transition Level (PF & PM)	Descending through the transition level. Depending on the transition level, this flow may be accomplished after the Descending Through 18,000 Feet Flow and/or the Descending Through 10,000 Feet Flow.	<ul style="list-style-type: none"> • BARO SET - Push and set (as required) • PFDs - Crosscheck • PM calls "Transition, <Appropriate altimeter setting>" • PF calls "<Appropriate altimeter setting>" 	
Descending Through 18,000 Feet (PF)	Descending through 18,000 feet MSL. If cruise altitude is lower than 18,000 ft. accomplish at top of descent (PM - "18,000" (omit callout and accomplish Transition Level Flow first, if Transition Level is FL 180) SEAT BELTS - ON, ECAM - Checked, MCDU - Set Accomplish Descent-Approach Checklist after PF calls for it)	After the PM calls "18,000" (callout is replaced with the Transition callout, if Transition Level is FL 180) <ul style="list-style-type: none"> • External Lights - As required • Call for "Descent - Approach Checklist" 	
Descending Through 10,000 Feet (PM)	Just prior to descending through 10,000 feet MSL. (PF - There are no flow items.)	<ul style="list-style-type: none"> • "10,000" • NO PORTABLE ELEC DEVICE - ON • In-Range Report - Sent 	
Landing (PF)	After extending the flaps to 3. (PM - Accomplish Landing Checklist after PF calls for it)	Spoilers - Armed Call for "Landing Checklist"	
After Landing	After the aircraft has cleared the active runway	External Lights - As required Call for "Flaps - Up" (or as operationally required)	
Shutdown	<table border="1" data-bbox="313 1545 922 1938"> <tr> <td> <p><i>After the aircraft is parked at the gate</i></p> <ul style="list-style-type: none"> • PARK BRK - ON • ENG 2 MASTER - OFF • Electrics - Establish • ENG 1 MASTER - OFF • FUEL PUMPS - OFF • APU BLEED (if required) - On • ANTI ICE - Off • BEACON - OFF • Flight Kit - Checked • FDML - Checked <p>Accomplish Shutdown Checklist silently; except verbalize "Slides..Verify...8 Disarmed" and "Shutdown Checklist Complete"</p> </td> </tr> </table>	<p><i>After the aircraft is parked at the gate</i></p> <ul style="list-style-type: none"> • PARK BRK - ON • ENG 2 MASTER - OFF • Electrics - Establish • ENG 1 MASTER - OFF • FUEL PUMPS - OFF • APU BLEED (if required) - On • ANTI ICE - Off • BEACON - OFF • Flight Kit - Checked • FDML - Checked <p>Accomplish Shutdown Checklist silently; except verbalize "Slides..Verify...8 Disarmed" and "Shutdown Checklist Complete"</p>	
<p><i>After the aircraft is parked at the gate</i></p> <ul style="list-style-type: none"> • PARK BRK - ON • ENG 2 MASTER - OFF • Electrics - Establish • ENG 1 MASTER - OFF • FUEL PUMPS - OFF • APU BLEED (if required) - On • ANTI ICE - Off • BEACON - OFF • Flight Kit - Checked • FDML - Checked <p>Accomplish Shutdown Checklist silently; except verbalize "Slides..Verify...8 Disarmed" and "Shutdown Checklist Complete"</p>			