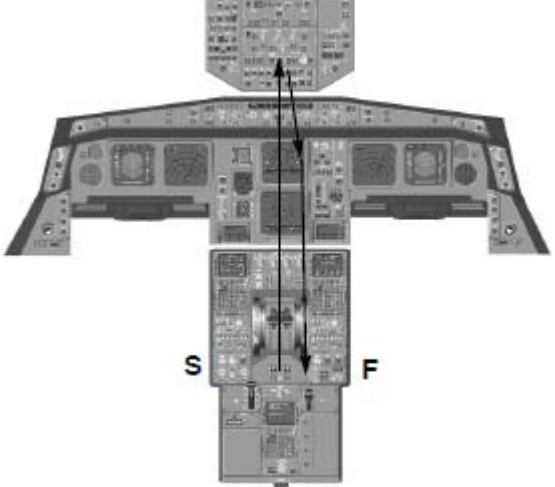
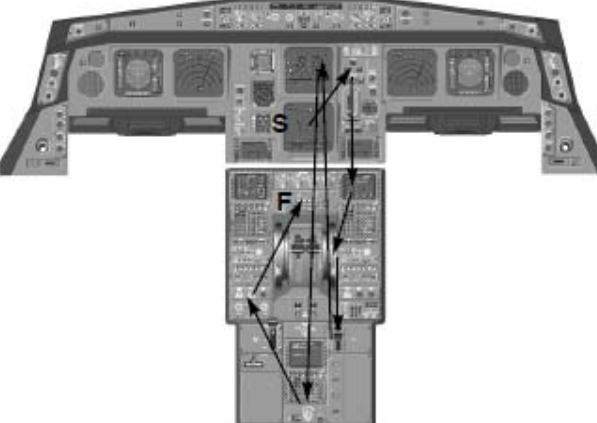
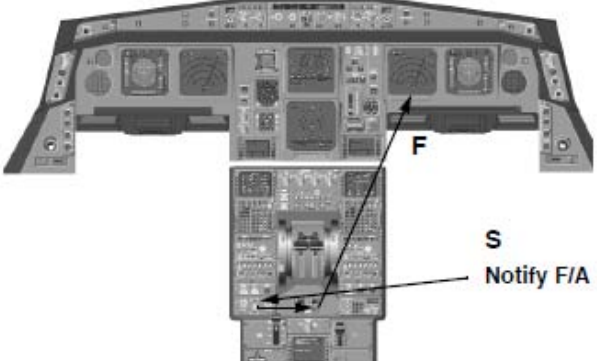
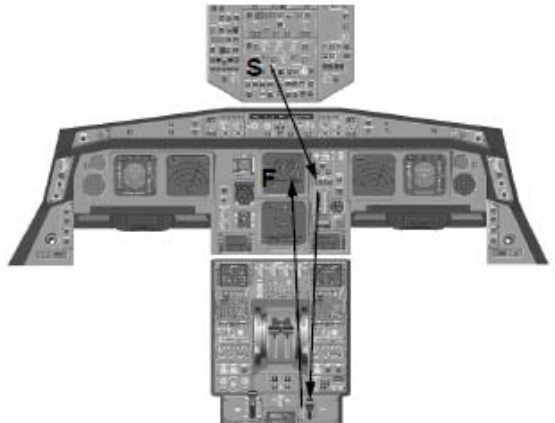
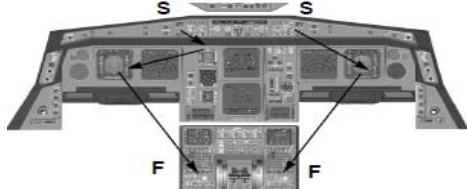
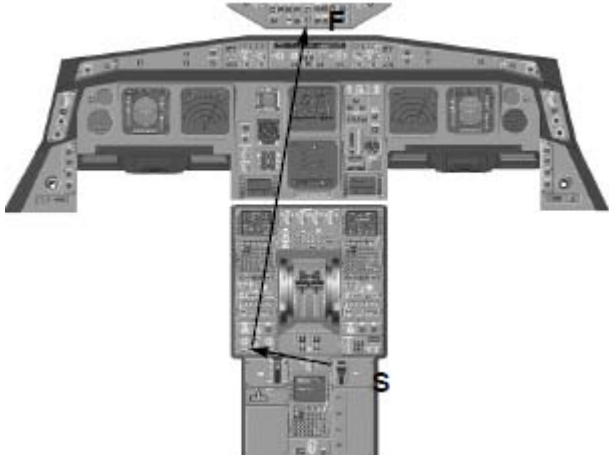
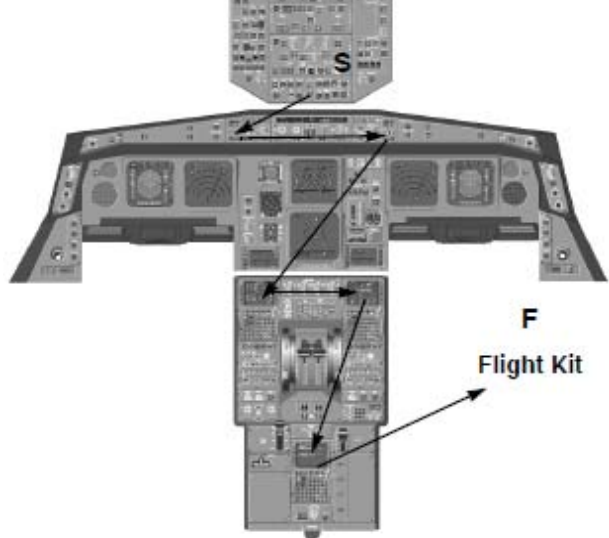


AB 330 Flows – F/O

July 23, 2010 (includes rev. 14)

| | | |
|--------------------------------------|---|--|
| <p>Flightdeck Equipment</p> | <p>Trigger</p> <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"> • FDML, Forms, Manuals, Flight Kits - Checked • Fire Extinguisher - Checked • PBE - Checked • Gear Pins - Stowed • CA Life Vest - Checked • Escape Rope - Checked • Reset Breakers - Checked • Escape Rope - Checked • Landing Gear Control Handle - Down • ECAM - Checked • Flaps & Spoilers - Checked • FO Life Vest - Checked • Crash Axe - Stowed • Observers' Life Vests - Checked • Compartmentalized Areas - Checked ♦ Flightdeck Door - Checked • Flight Crew Rest Area (as installed) - Checked | |
| <p>Flightdeck Preparation</p> | <p style="text-align: center;">First Officer's Flightdeck Preparation Flow</p> <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"> • BULK AVNCS Pushbutton Light (as installed) - Extinguished • CVR Panel - Checked • GND HF DATA LINK Pushbutton (as installed) - OFF • PAX SYS Pushbutton (as installed) - ON • IFEC Pushbutton (as installed) - ON • Third Occupant ACP - Checked • Third Occupant RMP - Checked • FLT CTL Panel - Checked • CARGO AIR COND Panel - Checked • CARGO SMOKE Panel - Checked • VENTILATION CTL Panel - Checked • ENG Panel (Overhead) - Checked • RAIN RPLNT/WIPER Panel - Checked • Glareshield, Right Side - Checked • EFIS Control Panel - Checked • FCU - Checked • Center Instrument Panel - Checked • LDG GEAR Panel - Checked • Switching Panel - Checked • ATC / TCAS Control Panel - Checked • Floodlight - Checked • ACP - Checked • RMP - Checked • MCDU - Checked • Instrument Panel - Checked • EFB (as installed) - Checked • Oxygen & Interphone - Checked • Flight Kit Contents/Dates - Checked | <p>This flow 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> |
| <p>Before Start</p> | <p><i>Approximately 15 minutes prior to departure and after Route Verification completed</i></p> <ul style="list-style-type: none"> • EFIS Control Panel - Set • FCU - Checked • TERR ON ND - As required • ECAM - Checked • Transponder - Set • ACP - Set • RMP - Set • MCDU - Set • ND - Checked • PFD - Checked • Window - Closed/Locked • Oxygen - Checked • Departure Briefing - Brief if PF <p><i>After the captain calls "Before Start Checklist"</i></p> <ul style="list-style-type: none"> • Accomplish Before Start Checklist | <p>Assumes APU started.</p> |

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|--------------------------|--|--|
| Before Pushback | After receiving the cabin ready notification and all doors are closed and armed. | N/W STRG DISC Memo - Checked Pushback/Start Clearance – Obtain |
| After Start | <p><i>After ground equipment is clear, first officer verbally acknowledges the captain's wands up signal statement, and engine(s) are stabilized</i></p> <ul style="list-style-type: none"> • ENG START Selector - NORM • APU BLEED - ON or Off • ENG ANTI ICE - ON or Off • APU MASTER SW - ON or Off • ECAM - Checked • Flaps - Set <p><i>After the captain calls "Flaps ____, Taxi"</i></p> <ul style="list-style-type: none"> • Flaps - Ensure Commanded Position |  |
| Taxi | <p><i>After departing the gate, final weight and balance received, and both engines running</i></p> <ul style="list-style-type: none"> • Flight Controls - Checked • AUTOBRK - MAX • Takeoff Data/Flex - Checked • Pitch Trim - Set or Checked • Flaps - Set • Rudder Trim - Reset • WINDSHEAR - AUTO • T.O. CONFIG - Checked <p><i>After the captain calls "Taxi Checklist"</i></p> <ul style="list-style-type: none"> • Accomplish Taxi Checklist (To the Line) |  |
| Before Taking the Runway | <p><i>Approximately 1-3 minutes prior to taking the runway.</i></p> <ul style="list-style-type: none"> • Flight Attendants - Notified • RADAR - WX or OFF • TCAS - TA or TA/RA • Runway & FMS - Check <p><i>After the captain calls "Below the Line"</i></p> <ul style="list-style-type: none"> • Accomplish Taxi Checklist (Below the Line) |  |
| After Takeoff (PM) | <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><i>Accomplish After Takeoff Checklist silently; verbalize "After Takeoff Checklist Complete"</i></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" • External Lights - As Required |

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|--|--|--|--|---------------------------------|---|--------------------------------|---|--|-----------------------------|---|--|--|
| <p>Transition Altitude (PF & PM)</p> | <table border="1"> <tr> <td><i>Climbing through the transition altitude</i></td> </tr> <tr> <td>• BARO SET - PULL STD</td> </tr> <tr> <td>• PFDs - Crosscheck</td> </tr> <tr> <td>• PM calls "Transition, Standard"</td> </tr> <tr> <td>• PF responds "Standard"</td> </tr> <tr> <td>• PM RMP/ACP - Monitor 121.5</td> </tr> </table> | <i>Climbing through the transition altitude</i> | • BARO SET - PULL STD | • PFDs - Crosscheck | • PM calls "Transition, Standard" | • PF responds "Standard" | • PM RMP/ACP - Monitor 121.5 |  | | | | |
| <i>Climbing through the transition altitude</i> | | | | | | | | | | | | |
| • BARO SET - PULL STD | | | | | | | | | | | | |
| • PFDs - Crosscheck | | | | | | | | | | | | |
| • PM calls "Transition, Standard" | | | | | | | | | | | | |
| • PF responds "Standard" | | | | | | | | | | | | |
| • PM RMP/ACP - Monitor 121.5 | | | | | | | | | | | | |
| <p>Transition Level (PF & PM)</p> | <p>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.</p> | <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>" | | | | | | | | | | |
| <p>Descending Through 18,000 Feet (PF)</p> | <p>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)</p> | <p>After the PM calls "18,000" (callout is replaced with the Transition callout, if Transition Level is FL 180)</p> <ul style="list-style-type: none"> • External Lights - As required • Call for "Descent - Approach Checklist" | | | | | | | | | | |
| <p>Descending Through 10,000 Feet (PM)</p> | <p>Just prior to descending through 10,000 feet MSL. (PF – There are no flow items.)</p> | <ul style="list-style-type: none"> • "10,000" • NO PORTABLE ELEC DEVICE - ON • In-Range Report - Sent | | | | | | | | | | |
| <p>Landing (PF)</p> | <p>After extending the flaps to 3. (PM – Accomplish Landing Checklist after PF calls for it)</p> | <p>Spoilers - Armed Call for "Landing Checklist"</p> | | | | | | | | | | |
| <p>After Landing</p> | <table border="1"> <tr> <td><i>After the aircraft has cleared the active runway</i></td> </tr> <tr> <td><i>After the captain calls "Flaps - Up" (or as operationally required)</i></td> </tr> <tr> <td>• TCAS - STBY</td> </tr> <tr> <td>• Flaps - UP (or as operationally required)</td> </tr> <tr> <td>• SPEED BRAKE - RET & Disarmed</td> </tr> <tr> <td>• Radar - OFF</td> </tr> <tr> <td>• WINDSHEAR - OFF</td> </tr> <tr> <td>• APU (if required) - START</td> </tr> </table> | <i>After the aircraft has cleared the active runway</i> | <i>After the captain calls "Flaps - Up" (or as operationally required)</i> | • TCAS - STBY | • Flaps - UP (or as operationally required) | • SPEED BRAKE - RET & Disarmed | • Radar - OFF | • WINDSHEAR - OFF | • APU (if required) - START |  | | |
| <i>After the aircraft has cleared the active runway</i> | | | | | | | | | | | | |
| <i>After the captain calls "Flaps - Up" (or as operationally required)</i> | | | | | | | | | | | | |
| • TCAS - STBY | | | | | | | | | | | | |
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| • SPEED BRAKE - RET & Disarmed | | | | | | | | | | | | |
| • Radar - OFF | | | | | | | | | | | | |
| • WINDSHEAR - OFF | | | | | | | | | | | | |
| • APU (if required) - START | | | | | | | | | | | | |
| <p>Shutdown</p> | <table border="1"> <tr> <td><i>After the aircraft is parked at the gate and the parking brake is set</i></td> </tr> <tr> <td>• SEAT BELTS - OFF</td> </tr> <tr> <td>• NO PORTABLE ELEC DEVICE - OFF</td> </tr> <tr> <td>• FDs - Recycle (Off, then On)</td> </tr> <tr> <td>• ADIRS - Checked</td> </tr> <tr> <td><i>After both engines are shut down</i></td> </tr> <tr> <td>• Post Flight Report - Sent</td> </tr> <tr> <td>• Flight Kit - Checked</td> </tr> <tr> <td>• Jumpseat(s) (if previously occupied) - Stowed and Secured</td> </tr> <tr> <td>• Respond during Shutdown Checklist "8 Disarmed"</td> </tr> </table> | <i>After the aircraft is parked at the gate and the parking brake is set</i> | • SEAT BELTS - OFF | • NO PORTABLE ELEC DEVICE - OFF | • FDs - Recycle (Off, then On) | • ADIRS - Checked | <i>After both engines are shut down</i> | • Post Flight Report - Sent | • Flight Kit - Checked | • Jumpseat(s) (if previously occupied) - Stowed and Secured | • Respond during Shutdown Checklist "8 Disarmed" |  |
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