

FUEL IMBALANCE



PF

PNF

1. ADVISORY

When fuel imbalance advisory is triggered, or upon pilot decision :

FUEL

CONFIRM.....

....." ECAM ADVISORY CONDITIONS proc "

FUEL PAGE DISPLAYED.....ANALYSE

ANNOUNCE.....

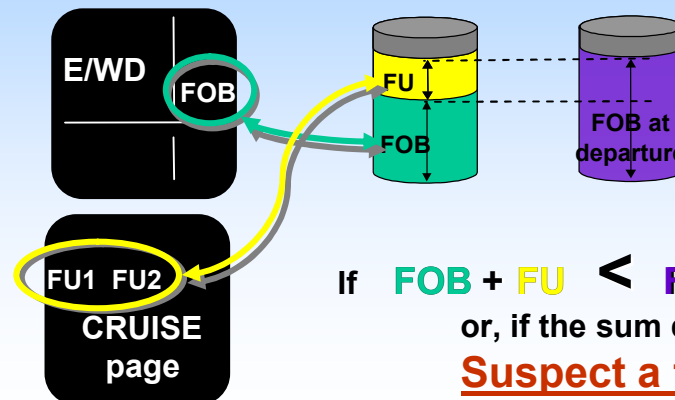
....."ECAM ADVISORY CONDITIONS proc ? "

ECAM ADVISORY CONDITIONS proc....APPLY

QRH
2.00



COMMUNICATES



FOB at departure was 29 T.

If $FOB + FU < FOB \text{ at departure}$

or, if the sum decreases :

Suspect a fuel leak

PF

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2. FUEL LEAK SUSPECTED

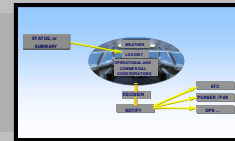
When fuel leak is suspected :

ORDER....." FUEL LEAK proc"

FUEL LEAK PROC.....APPLY



DECISION



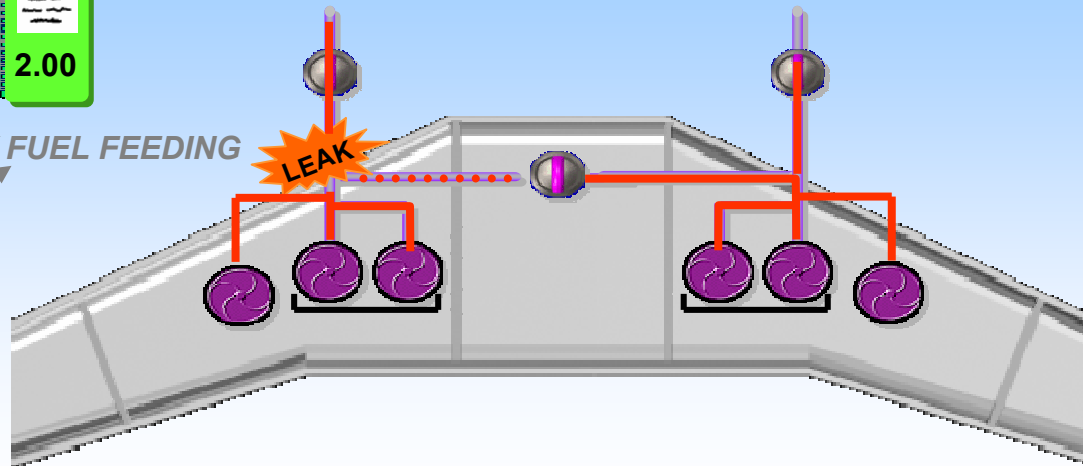
Cues to confirm and locate the leak

A330	ABNORMAL PROCEDURES	REV 10	2.07
FUEL LEAK			
<p>A fuel leak may either be detected by: - Passenger observation that fuel is being lost or dripping or - Fuel quantity decreasing at an abnormal rate, or - Fuel imbalance, or - A tank emptying too fast from engine, or a leak in a tank, or - A tank overflowing due to a spillage in the tank, or - An excessive fuel flow from engine, or - A fuel smell in the cabin.</p>			
<p>IF A FUEL LEAK FROM THE CABIN IS SUSPECTED, IDENTIFY THE SOURCE OF THE LEAK IMMEDIATELY.</p>			
<p>IF A FUEL LEAK IS CONFIRMED, LAND ASAP</p>			
<p>IF LEAK FROM ENGINE</p> <ul style="list-style-type: none"> - THR LEVER (not affected engine) IDLE - ENG MASTER (not affected engine) OFF - WING X FEED USE AS FCID <p>The checked engine will be isolated from fueling until after use of the fuel from both wings. Do not restart the engine.</p>			
<p>IF LEAK NOT FROM ENGINE or LEAK NOT LOCATED</p> <ul style="list-style-type: none"> - WING X FEED AUTO <p>The procedure above must remain closed to prevent the leak from affecting both sides. Selecting AUTO restores the checked valve closed.</p> <ul style="list-style-type: none"> - L - R WING X FEED ON <p>Shut the AIR TX SRV valve to isolate the fuel tank.</p>			
<p>If Center Tank or Trim Tank not empty</p> <ul style="list-style-type: none"> - CTR TK XFR MAN - T TANK MODE (if not empty) PWD <p>If manual operation is required for the center tank, isolate or depressurize center tank transfer must be done to systematically transfer fuel to both inner tanks, and avoid excessive transfer to the least full inner tank.</p>			
<p>When Trim Tank empty</p> <ul style="list-style-type: none"> - T TANK MODE AUTO - T TK FEED ISOL 			
<p>When Center Tank empty</p> <ul style="list-style-type: none"> - CTR TK XFR AUTO 			
<p>- DESCEND TO GRVTY FUEL FEEDING CEILING</p> <p>- See the GRVTY FUEL FEEDING procedure</p>			
<p>- ENG START SEL IGN</p> <p>- ALL TK PUMPS (WING gravity feeding to inboard) OFF</p> <p>In almost all cases, switching the engine off will prevent any further loss of fuel. Always ensure that the fuel is from only one wing, as there are some failures on one side that will result in fuel loss from the other side.</p> <ul style="list-style-type: none"> - AVOID NEGATIVE G FACTOR 			
<p>CAUTION</p> <p>Do not open the WING XFEED, even if requested by another ECAM procedure.</p> <p>Do not apply the FUEL IMBALANCE procedure, even with one inner tank full, before inner tank empty, there is no special procedure required for approach and landing.</p>			

When leak is confirmed



GRAVITY FUEL FEEDING



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3. FUEL L WING TK LO LVL

ECAM ACTIONS

ECAM PROCEDURE

SYSTEM DISPLAY

STATUS



**REMEMBER FUEL LEAK PROC
RECOMMENDATION:**

Disregard FUEL X FEED.....ON line

