

FUEL IMBALANCE

Compare FOB + FU with the FOB at departure.

R If the difference is significant, or if FOB + FU decreases, suspect a fuel leak.

CAUTION

Do not apply this procedure if a leak is suspected. *Refer to FUEL LEAK (chapter 4).*

Open wing crossfeed valve.

- If wing crossfeed valve open :
Turn off all wing pumps (stand-by then normal) on the lighter side.
- When fuel balanced :
Turn on all wing pumps (normal then stand-by).

R Close wing crossfeed valve.

- If wing crossfeed valve failed closed :
Manually perform a fuel transfer from the outer tanks.
Fly with a bank angle of 3° wing down on the lighter side and use rudder trim to get constant course and neutral stick.

FUEL LEAK :

A fuel leak may be detected if :

- The sum of the FOB and the FUSED is significantly less than the FOB at engine start, or decreases, or
- *A passenger observes fuel spray from engine/pylon or wing tip, or*
- *The total fuel quantity decreases at an abnormal rate, or*
- *A fuel imbalance develops, or*
- *The fuel quantity of a tank decreases too fast (leak from engine/pylon or a hole in a tank), or*
- *A tank overflows (due to a pipe rupture in a tank), or*
- *Fuel flow is excessive (leak from engine), or*
- *Fuel is smelt in the cabin.*

If visibility permits, a visual check from the cabin may enable identification of the leak source.

- When a leak is confirmed :

LAND ASAP

- If leak from engine/pylon confirmed :

Switch OFF the affected engine.

Note : If the leak stops, the X feed valve can now be selected open to re-balance the fuel quantity or to enable use of fuel from both wings. Do not restart the engine.

- If leak from engine/pylon not confirmed or leak not located :

Maintain FUEL X FEED valves closed.

CAUTION

Do not open the FUEL X FEED, even if requested by another ECAM procedure.

Switch OFF CTR TANK PUMPS.

Switch T TANK FEED to ISOL.

Monitor inner tank fuel quantities and look for one tank depleting faster.

- If one inner tank depletes faster than the other by at least 500 kg (1100 lb) in less than 30 minutes :
Switch OFF the affected engine and monitor the fuel leak.

- If the leak stops :
Switch on CTR TANK PUMPS.
Switch T TANK FEED to AUTO.

Note : The X feed valve can now be selected open to re-balance the fuel quantity, or to enable use of fuel from both wings. Do not restart the engine.

- If the leak continues after engine shutdown :
Suspect leak from wing.
Consider restarting the engine and applying the fuel loss reduction procedure.

Note : The X feed valve can be selected open.

- If both inner tanks deplete at a similar rate :
Switch on CTR TANK PUMPS.

Note : The X feed valve can be selected open.

- If fuel smell in the cabin :
Switch APU OFF if running.
Maintain T TANK FEED to ISOL.

- If no fuel smell in the cabin :
Consider applying the fuel loss reduction procedure.

- For landing :

CAUTION

Do not use reverse

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