

AIRWORTHINESS DIRECTIVE

released by DIRECTION GENERALE DE L'AVIATION CIVILE

Inspections and/or modifications described below are mandatory. No person may operate a product to which this Airworthiness Directive applies except in accordance with the requirements of this Airworthiness Directive.

Translation of 'Consigne de Navigabilité'
Réf.: 88-051-010(B)R2
In case of any difficulty, reference should
be made to the French original issue.

ATR 42-300 and 42-320 aircraft

Fuel quantity indications

This Airworthiness Directive applies to ATR 42-300 and 42-320 aircraft all S/N without Mod. 2005 (SB ATR 42-28-0021) embodied.

In order to prevent incorrect fuel quantity indications related in service aircraft due to malfunction of push to test 4 QT switch on refuelling panel.

A/ The following actions have been made mandatory before April 4th, 1988 by telegraphic Airworthiness Directive T88-051-010(B) dated March 28, 1988 :

- 1) - Remove fuel quantity indicator 3 QT on the 4 VU panel (Ref. AMM (SIC) 28-42-81-RAI 10000).
- 2) - Disconnect cable 2842-0007 from plug 3 QTA pin R.
- 3) - Insulate the cable from circuitry by means of heat shrinkable sleeve.
- 4) - Fix it to harness by suitable tie wrap.
- 5) - Reinstall 3 QTA plug and 3 QT indicator (Ref. AMM (SIC) 28-42-81-RAI 10000).
- 6) - Perform a test of fuel quantity indicator by pushing its own push to test switch. Make sure that all digits are at eight and that the light "low level" lights UP.

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February 21, 90

ATR 42-300 and 42-320 aircraft

88-051-010(B)R2

NOTA

Next to the above modification the test of refuelling valves can always be performed :

- by means of preselector during refuelling operations for aircraft with preselector,
- Using the pushbutton switch of 3 QT indicator in order to verify the blue lights illumination on refuelling panel for aircraft without preselector (this needs a supplementary mechanic in the cockpit).

B/ Before December 31, 1990 re-activate the quantity indicator test system as per instructions of ATR 42 Service Bulletin 42-28-0021.

Ref. : Service Bulletin ATR 42-28-0021

The present Revision 2 cancels and replaces the AD 88-051-010(B)R1 dated October 18, 1989

EFFECTIVE DATE : MARCH 3, 1990