

AIRWORTHINESS DIRECTIVE

released by DIRECTION GENERALE DE L'AVIATION CIVILE

Inspection 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' ref. : 2000-454-081(B)
In case of any difficulty, reference should be made to the French original issue.

EADS ATR

ATR 42 aircraft

Electrical system - Engine start selector (ATA 24, 80)

1. APPLICABILITY:

ATR 42-200, -300, -320 series aircraft on which neither modification 3047 nor associated Service Bulletin (SB) ATR 42-80-0001 has been embodied.

2. REASONS:

This Airworthiness Directive (AD) is prompted by an event involving an ATR 42-320 where, after switching the emergency battery off following a charge fault, the crew experienced a partial loss of electrical power while selecting the CONT RELIGHT position on the starting rotary switch.

In this configuration the DC EMER BUS and DC STBY BUS electrical power supply is transferred from the main network to the failed emergency battery.

The actions specified by this AD are intended to guarantee the electrical power supply of the DC EMER BUS and DC STBY BUS from the main network, in case of emergency battery disconnecting following failure and CONT RELIGHT selected.

3. ACTIONS:

The following measures are rendered mandatory on the effective date of this AD:

Within 6 months after the effective date of this AD, modify the starting rotary switch wiring by adding a wire connecting the ground to the CONT RELIGHT position in accordance with the instructions given in SB ATR 42-80-0001 Revision 2 or any further approved revision.

REF.: Service Bulletin ATR 42-80-0001 Revision 2
Any further approved revision of this SB is acceptable.

EFFECTIVE DATE : NOVEMBER 25, 2000

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November 15, 2000

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ATR 42 aircraft

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