

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. : 86-188-21(B)
In case of any difficulty, reference should be made to the French original issue.

MARCEL DASSAULT/BREGUET AVIATION FALCON 10 Aircraft

Air conditioning cooling system

Ground cable for freon compressor motor

This Airworthiness Directive concerns the AMD/BA FALCON 10 aircraft all serial numbers on which the AMD/BA modification M 736 has not been embodied.

Cases of untightening of the ground terminal on frame 35, of the electrical supply for the freon compressor motor, have been noted in service.

This can result in electric arcing due to the high current absorbed when the compressor starts.

Consequently, the following measures have been made mandatory :

1/- Bonding check of the ground connection at frame 35 :

In the 5 flight hours following the effective date of this Airworthiness Directive, then at 30 days maximum intervals thereafter, proceed with a bonding check of the ground connection on frame 35, of the freon compressor motor, and if required, its renovation, as per Maintenance Manual chap. 20-40-40.

If the required bonding value cannot be obtained, immediately proceed as explained in paragraph 2 below.

If structural repairs are required, please contact the manufacturer.

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December 23, 86

AMD/BA
Falcon 10 aircraft

86-188-21(B)

2/- Installation of a new ground cable :

Proceed, 30 April 1987 at the latest, or immediately if defects were noted during the check requested in paragraph 1 above, with the installation of the new cable, which allows ground connection on the ground power receptacle. This operation is to be executed in accordance with instructions given in AMD/BA Service Bulletin F10-262.

After modification, the checks imposed in paragraph 1 of this Airworthiness Directive are no longer required.

**Ref. : AMD-BA Service Bulletin F10-262 dated 22 December 1986
and subsequent approved revisions.**

EFFECTIVE DATE : 2 JANUARY 1987