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|  | AIRWORTHINESS DIRECTIVE | | Distribution: | Issue date: | Page : |
| | No F-2005-018 | | B | February 02, 2005 | 1/2 |
| Direction générale de l'aviation civile France GSAC publication | This Airworthiness Directive is published by the DGAC on behalf of EASA, Airworthiness Authority of the State of Design for the affected product, part or appliance. | | Translation of « Consigne de Navigabilité » of same number. In case of difficulty, reference should be made to the French issue. | | |
| | No person may operate an aircraft to which an Airworthiness Directive applies, except in accordance with the requirements of that Airworthiness Directive, unless otherwise agreed with the Authority of the State of Registry. | | | | |
| Corresponding foreign Airworthiness Directive(s): Not applicable | | Airworthiness Directive(s) replaced: F-2004-126 cancelled by its Revision 1 | | | |
| Person in charge of airworthiness: DASSAULT AVIATION | | Type(s): FALCON 2000 aircraft | | | |
| Type certificate(s) No. A.008 TCDS No A.008 | | | | | |
| ATA chapter: 54 | Subject: Nacelles/Pylons - Engine fail-safe fasteners suspected missing | | | | |

1. **EFFECTIVITY:**

FALCON 2000 aircraft with serial number below or equal to 212, with the exception of 208 and those on which Service Bulletin (SB) F2000-301 or Airworthiness Directive (AD) F-2004-126 have been implemented.

2. **REASONS:**


The inner pin of a double fail-safe fastener insuring a link between the rear of the engine and the fuselage has been found missing on an in-service aircraft. Investigation has limited the suspected aircraft to the ones mentioned in § 1. A lack of clarity in a production procedure is suspected to be at the origin of this event. This type of event is not likely to appear in service if the instructions of the AMM are followed.

This fastener, belonging to the engine rear mount fail-safe system, cannot remain missing without jeopardizing at the end the engine mount integrity, and thus the aircraft safety.

Airworthiness Directive (AD) F-2004-126 has been issued to mandate a check of the inner pin presence by implementing MP 54-003.

This new AD which replaces AD F-2004-126 which is cancelled:

- takes over the AD F-2004-126 requirements of the check of the inner pin presence by mandating the implementation of SB F2000-301,
- introduces a 2 month grace period for aircraft with more than 3750 landings,
- states MP 54-003 as an alternate means of compliance to 3.1. of this AD.

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3. MANDATORY ACTIONS AND COMPLIANCE TIMES:

Unless already accomplished, the following actions are rendered mandatory from the effective date of this AD:

- 3.1. Before 3750 landings since new, or within 2 months for aircraft with more than 3750 landings, implement SB F2000-301.
- 3.2. Change the complete fail-safe fastener if the inner pin is found missing.
- 3.3. Inform DASSAULT AVIATION (iaw § 6) of the result of the checks.

Note : MP 54-003 application is an alternate means of compliance to 3.1. of this AD.

4. REFERENCE PUBLICATIONS:

Service Bulletin F2000-301, original issue
FALCON 2000 Maintenance Manual - Maintenance Procedure (MP) 54-003 Revision 12/2002
(Any further approved revision of these documents is acceptable).

5. EFFECTIVE DATE:

February 12, 2005.

6. REMARK:

For questions concerning the technical contents of this AD's requirements, contact:
DASSAULT Customer Service Manager/Field Service Representative.

7. APPROVAL:

This AD is approved under EASA reference No 2005-876 dated January 25, 2005.