	AIRWORTHINESS DIRECTIVE No F-2004-128		Distribution: B	Issue date: August 04, 2004	Page : 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.		<i>Translation of « Consigne de Navigabilité » of same number. In case of difficulty, reference should be made to the French issue.</i>	
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: None			
Person in charge of airworthiness: DASSAULT AVIATION		Type(s): FALCON 2000 aircraft			
Type certificate(s) No. 185 TCDS No 185					
ATA chapter: 54	Subject: Nacelles/Pylons - Engine spherical bearing suspected missing				

1. **EFFECTIVITY:**

FALCON 2000 aircraft equipped with the CFE 738 engines with the following serial numbers and on which Service Bulletin (SB) F2000-299 has not been applied :

P105436, P105445, P105446, P105448, P105453, P105503, P105539, P105540, P105548.

2. **REASONS:**

One spherical bearing insuring a link between the engine front area and the fuselage has been found missing on an in-service aircraft. Investigation has enable to limit the number of suspected engines to a list of 9 serial numbers. Such event is not likely to happen in service if the instructions of the FALCON 2000 Maintenance Manual (AMM) are applied.

This spherical bearing, belonging to the fail-safe front engine mount, cannot remain missing without jeopardizing in the end the engine mount integrity and thus the aircraft safety.


The aim of this Airworthiness Directive (AD) is to mandate the check of the spherical bearing presence through an endoscopic inspection.

3. **MANDATORY ACTIONS AND COMPLIANCE TIMES:**

The following actions are rendered mandatory at the effective date of this AD:

3.1. Check for the presence of the spherical bearing in accordance with the directives of the referenced SB:

- ? before 880 landings for engines with less than 850 landings at the effective date of this AD,
- ? within 1 month and without exceeding 1010 landings for engines between 850 and 1000 landings at the effective date of this AD,
- ? within 10 landings for engines with more than 1000 landings at the effective date of this AD.

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3.2. Inform DASSAULT AVIATION (iaw. § 6) of the result of the check.

3.3. If a spherical bearing is found missing, immediately remove the concern engine for repair in a CFE service center. This removal also includes the front link system whole assembly.

4. **REFERENCE PUBLICATION:**

Service Bulletin F2000-299 original issue.
(Any further approved revision of this SB is acceptable).

5. **EFFECTIVE DATE:**

August 14, 2004.

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 2004-8057 dated July 27, 2004.