EASA	AIRWORTHINESS DIRECTIVE
	AD No.: 2011-0008 **Date: 18 January 2011** Note: This Airworthiness Directive (AD) is issued by EASA, acting in accordance with Regulation (EC) No 216/2008 on behalf of the European Community, its Member States and of the European third countries that participate in the activities of EASA under Article 66 of that Regulation.

This AD is issued in accordance with EC 1702/2003, Part 21A.3B. In accordance with EC 2042/2003 Annex I, Part M.A.301, the continuing airworthiness of an aircraft shall be ensured by accomplishing any applicable ADs. Consequently, no person may operate an aircraft to which an AD applies, except in accordance with the requirements of that AD unless otherwise specified by the Agency [EC 2042/2003 Annex I, Part M.A.303] or agreed with the Authority of the State of Registry [EC 216/2008, Article 14(4) exemption].

Type Approval Holder's Name :	**Type/Model designation(s) :**
DASSAULT AVIATION	FALCON 7X aeroplanes

TCDS Number :	EASA.A.155
Foreign AD :	Not Applicable
Supersedure :	None

ATA 24	**Electrical Power – Ram Air Turbine Transformer Rectifier Unit – Replacement**
Manufacturer(s):	DASSAULT AVIATION
Applicability:	All Falcon 7X aeroplanes, all serial numbers equipped with Ram Air Turbine Transformer Rectifier Unit P/N 5913703.
Reason:	The manufacturer of the Transformer Rectifier Unit (TRU) part of the Ram Air Turbine (RAT) system has identified an incorrect design of the part. The internal wiring that conducts the high voltage alternative current from the RAT generator may become loose due to insufficient crimping of the wire end contacts. This condition, if not corrected and if occurring while the RAT is deployed, could result in a degraded direct current power which is distributed to essential aeroplane systems and therefore aeroplane operations might be impaired. To address this unsafe condition, the manufacturer of the RAT TRU has developed an improved RAT TRU with a new Part Number (P/N). This AD requires replacement of the affected RAT TRU by a modified RAT TRU.
Effective Date:	01 February 2011
Required action(s)	Required as indicated unless previously accomplished:

and Compliance Time(s):	(1) Within 28 months after the effective date of this AD, remove RAT TRU with P/N 5913703 and replace it with RAT TRU with P/N 5915825, in accordance with the accomplishment instructions of Dassault Aviation Falcon 7X Service Bulletin n°163. (2) After the effective date of this AD, do not install on any aeroplane RAT TRU with P/N 5913703.
Ref. Publications:	Dassault Aviation Service Bulletin 7X-163, initial issue dated 01 December 2010. The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.
Remarks :	1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD. 2. This AD was posted on 14 December 2010 as PAD 10-123 for consultation until 11 January 2011. No comments were received during the consultation period. 3. Enquiries regarding this AD should be referred to the Airworthiness Directives, Safety Management & Research Section, Certification Directorate, EASA. E-mail ADs@easa.europa.eu. 4. For any question concerning the technical content of the requirements in this AD, please contact your Dassault Falcon Technical Assistance: • For Europe, Middle East and Africa based operators: Hot Line: (33) 1 47 11 37 37 / Fax: (33) 1 47 11 89 49 • For USA, Canada and Mexico based operators: Help Desk: (1) 800-2FALCON (2325266) / Fax: (1) 201 541 4740 • All other areas: Help Desk: (1) 201 541 4747 / Fax: (1) 201 541 4740