


<b>EASA</b>	<b>PROPOSED AIRWORTHINESS DIRECTIVE</b>	
	<p><b>PAD No : 07- 189</b></p> <p><b>Date: 25 October 2007</b></p>	
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.		
<b>Type Approval Holder's Name :</b>		<b>Type/Model designation(s) :</b>
DASSAULT AVIATION		FALCON 2000EX
TCDS Number: EASA.A.008		
Foreign AD: None		
Supersedure: None		
<b>ATA 24</b>	<b>Electrical power system – Generator Control Unit (GCU) wiring - Modification</b>	
Manufacturer:	DASSAULT AVIATION	
Applicability:	Falcon 2000EX aircraft from serial number 1 to 107 inclusive, which have not been modified by Service Bulletin (SB) F2000EX-141.	
Reason:	<p>During approach, a Falcon 2000EX operator experienced a temporary loss of the 4 Electronic Flight Instrumentation System (EFIS) display units followed by a consecutive restart of the avionics. During initial investigation, a loose connection on the DC load distribution system was discovered and determined to be the root cause of this event. However, further analysis pointed out that large electrical transients on the essential bus bar may possibly cause simultaneous and temporary power shortage on both sides of the electrical system.</p> <p>This Airworthiness Directive (AD) requires a wiring modification of the GCUs to increase the electrical system robustness. This action is necessary to prevent a momentary loss of data on the EFIS screens, which could lead to the pilot's loss of situational awareness during initial climb or approach/landing, and possibly result in reduced control of the airplane. This action is intended to address the identified unsafe condition.</p>	
Effective Date:	14 days after final AD issue date	

Compliance:	Within the next 13 months after the effective date of this AD, modify the GCUs electrical wiring as instructed in the accomplishment instructions of Dassault Aviation SB F2000EX-141.
Ref. Publications:	Dassault Aviation SB F2000EX-141 original issue  (any later approved revision of this document is acceptable to comply with the requirements of this AD)
Remarks :	<ol style="list-style-type: none"> <li>1. If requested and appropriately substantiated, EASA has the authority to accept Alternative Methods of Compliance for this AD.</li> <li>2. The closing date for comments is 15 November 2007.</li> <li>3. Enquiries regarding this Airworthiness Directive should be referred to the AD Focal Point - Certification Directorate, EASA. E-mail: <a href="mailto:ADs@easa.europa.eu">ADs@easa.europa.eu</a> .</li> <li>4. For any question concerning the technical contents of requirements in this AD, please contact your Dassault Falcon Technical Assistance: <ul style="list-style-type: none"> <li>• For Europe, Middle East and Africa based operators: Hot Line: (33) 1 47 11 35 35 / Fax: (33) 1 47 11 89 49</li> <li>• For USA, Canada and Mexico based operators: Help Desk: (1) 800-2FALCON (2325266) / Fax: (1) 201 541 4740</li> <li>• All other areas: Help Desk: (1) 201 541 4747 / Fax: (1) 201 541 4740</li> </ul> </li> </ol>