


<b>EASA</b>	<b>EMERGENCY AIRWORTHINESS DIRECTIVE</b>
	<p>AD N°: 2005-0001 (GV-SP)</p> <p>Issued 13 January 2005</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.

Type Approval Holder's Name: Gulfstream Aerospace Corporation	Type/Model designation(s) Gulfstream GV-SP
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TCDS Number: I.M.A.002 (FAA A12EA)

Foreign AD: None

Supersedure: This AD supersedes EASA member state AD number:  
United Kingdom G-2004-0033.

	<b>ATA 31 – Indicating/Warning System – Operating procedures and Flight Manual Limitations</b>
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<b>Manufacturer(s):</b>	Gulfstream Aerospace Corporation
<b>Applicability:</b>	All Gulfstream GV-SP aircraft
<b>Reason:</b>	In the case of an EPIC avionics system failure, blanking of all pilots display units and loss of Autopilot and associated functions may occur. This is not in accordance with the Type Certification basis and is considered to represent a potential unsafe condition. Until the ASC 43 and ACS 902 (Cert Bravo II) standard software is embodied additional operational limitations are considered necessary to mitigate against the risk of an EPIC system failure occurring.
<b>Approval number, date</b>	2005-160 on 12 January 2005
<b>Effective Date:</b>	13 January 2005
<b>Compliance:</b>	<p>Within 72 hours of the effective date of this AD accomplish the following:</p> <p>a) Insert Gulfstream Aerospace Corporation G550 Airplane Flight Manual Revision 2, Dated 12 Jan 2005 into the JAA/EASA Aircraft Flight Manual. Ref GAC-AC-JAA-G550-OPS-0001.</p> <p>b) The following operational limitations must be inserted in the Aircraft Flight Manual. (This can be achieved by inserting a copy of this AD in the AFM Limitations Section).</p> <p style="text-align: center;">1) For approaches the Decision Altitude/Height (DA/H) or the Minimum Descent Altitude/Height (MDA/H) must be</p>

	<p>not lower than 300 ft Above Runway Threshold Elevation (ARTE).</p> <p>2) Take-off in Runway Visual Range (RVR) below 600 meters is prohibited.</p> <p>c) Within 50 flight hours from the effective date of this AD, and thereafter at intervals not to exceed 60 days: Do an inspection of the avionics standard communication bus (ASCB) for any noise interference indications in accordance with the accomplishment Instructions of Gulfstream G550 Alert customer Bulletin 2, dated October 27, 2004, including Appendix A. If any noise interference indication is found during any inspection, before further flight, replace the ASCB with a new ASCB.</p> <p>d) Within 90 days or 300 flight hours from the effective date of this AD, whichever occurs first, embody Gulfstream ASC 43 and 902 in accordance with the aircraft manufacturers instructions.</p> <p>Accomplishment of paragraph d of this AD terminates the test requirements of paragraph c and removes the limitations stated in paragraph b.</p>
<p><b>Ref. Publications:</b></p>	<p>Gulfstream Aerospace Corporation Flight Manual amendment G550 airplane flight manual revision 2 may be obtained from Gulfstream Aerospace, Flight Crew Publications, P.O. Box 2206, M/S C-20, Savannah, GA 31402, USA, Tel: +1 912.965.3694 Fax: +1 912.965.3520, Email: frank.mcgee@gulfstream.com</p>
<p><b>Remarks</b></p>	<p>Enquiries regarding this Airworthiness Directive should be referred to Mr. Paul van Daalen, EASA Airworthiness Directives Focal Point – Certification Directorate.  E-mail: <a href="mailto:paul.van-daalen@easa.eu.int">paul.van-daalen@easa.eu.int</a>  Address:  European Aviation Safety Agency  Postfach 101253  D-50452 Köln, Germany</p>