


EASA	AIRWORTHINESS DIRECTIVE	
	<p>AD No.: 2009 - 0147</p> <p>Date: 07 July 2009</p> <p>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.</p>	
<p>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 Airworthiness Directive applies, except in accordance with the requirements of that Airworthiness Directive 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].</p>		
<p>Type Approval Holder's Name :</p> <p>GE Aviation Systems Ltd trading as Dowty Propellers</p>		<p>Type/Model designation(s) :</p> <p>R334/4-82-F/13 propellers</p>
<p>TCDS Number : United Kingdom (UK) 115</p>		
<p>Foreign AD : Not applicable</p>		
<p>Supersedure : This AD supersedes CAA UK AD G-2005-0027, dated 8 September 2005</p>		
SUPERSEDED		
ATA 61	Propellers - Propeller Hub Wall Cracking - Inspection	
<p>Manufacturer(s): GE Aviation Systems Ltd, trading as Dowty Propellers (formerly 'Dowty Rotor', 'Dowty Aerospace Propellers', 'Dowty Aerospace Gloucester' or 'Dowty Propellers')</p>		
<p>Applicability: Model R334/4-82-F/13 propellers with hub assemblies part number (P/N) 660709201 and fitted to CASA C-212 aeroplanes.</p>		
<p>Reason:</p> <p>A failure has occurred on the threaded inserts in the rear hub causing fatigue cracks which led to hub separations on CASA C-212 aeroplanes.</p> <p>Airworthiness Directive G-2005-0027 had been issued to mandate reduced repetitive inspection intervals for NDT inspection of these propellers with hub assemblies part number 660709201.</p> <p>This AD supersedes AD G-2005-0027, retaining the requirements and reducing the applicability to propellers with hub assemblies P/N 660709201. This AD also introduces a terminating action to the inspection requirements.</p>		
<p>Effective Date: 21 July 2009</p>		

<p>Required Action(s) and Compliance Time(s):</p>	<p>Required as indicated unless accomplished previously:</p> <ol style="list-style-type: none"> 1. <u>For Hub assemblies P/N 660709201 which have not been inspected within the last 300 flight cycles/hours of the effective date of this AD:</u> Carry out the inspection in accordance with the accomplishment instructions of Dowty SB 61-1119 rev 5 within 10 flight hours or 20 calendar days from the effective date of this AD, whichever occurs first. 2. <u>For hub assemblies P/N 660709201 which have been inspected within the last 300 flight cycles/hours of the effective date of this AD:</u> Carry out the inspection in accordance with the accomplishment instructions of Dowty SB 61-1119 rev 5 within 300 flight hours or flight cycles since the last inspection, whichever occurs first. 3. <u>For hub assemblies part no. 660709201, other than zero time assemblies, held in storage or assembled in propellers held in storage:</u> Inspect in accordance with the accomplishment instructions of Dowty SB 61-1119 rev 5, prior to installation of the propeller on to an aeroplane. 4. Thereafter repeat the inspection every 300 flight hours or 300 flight cycles, whichever occurs first. 5. Remove from service any propeller or hub that does not satisfy the acceptance criteria for further operation. 6. The installation of a revised hub assembly in accordance with Dowty Service Bulletin 61-1138 terminates the repetitive inspection requirements of paragraph 4 of this AD.
<p>Ref. Publications:</p>	<p>Dowty Alert Service Bulletin 61-1119 rev 5, dated 01 July 2009.</p> <p>The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.</p>
<p>Remarks :</p>	<ol style="list-style-type: none"> 1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD. 2. The required actions and the risk allowance have granted the issuance of a Final AD with Request for Comments, postponing the public consultation process after publication. 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: Dowty Propellers, Anson Business Park, Cheltenham Road East, Gloucester GL2 9QN, United Kingdom Tel +44 (0) 1452 716067 – Fax +44 (0) 1452 716001 E-mail Mike.Towkan@ge.com