


EASA	EMERGENCY AIRWORTHINESS DIRECTIVE
	<p>AD No.: 2007- 0223-E</p> <p>Date: 15 August 2007</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 : Dowty Propellers	Type/Model designation(s) : R408 series propellers
TCDS Number: EASA P.002	
Foreign AD: Not applicable	
Supersedure: Not applicable	
ATA 61	Propellers / Blades - metallic leading edge guard- Inspection
Manufacturer(s):	Dowty Propellers
Applicability:	<p>All R408/6-123-F/17 propellers equipped with blade assemblies Part Number (P/N) 697071200-18, 697071210-18, 697071227-18, 697071240-18, 697071245-18 and 697071257-18 where the bonded metallic leading edge guard has accumulated 1 200 Flight Hours (FH) or less since installation.</p> <p>These propellers are known to be installed on, but not limited to Bombardier (formerly de Havilland) Dash 8 Series 400, 401, and 402.</p>
Reason:	<p>Three in-service propellers have been found to have blades which have lost the bonded metallic leading edge guard.</p> <p>If the leading edge guard comes off as the propeller turns, it could cause secondary damage to aircraft or injury to personnel.</p> <p>This Airworthiness Directive (AD) mandates repetitive inspections of the blade Leading Edge (L/E) guards for correct bonding until they accumulate more than 1 200 FH time in service.</p>
Effective Date:	17 August 2007
Compliance:	<p>1. Within the next 50 FH or within 1 month after the effective date of this AD, whichever occurs first, inspect all the concerned blade assemblies where the bonded metallic L/E guard has accumulated 1 200 FH or less since installation, in accordance with the instructions of Dowty Propellers Alert Service Bulletin No. D8400-61-A69.</p>

	2. Thereafter at intervals not to exceed 100 FH, repeat the inspection of the concerned blade assemblies in accordance with the instructions of Dowty Propellers Alert Service Bulletin No. D8400-61-A69 until the bonded blade L/E guard has accumulated more than 1 200 FH since installation.
Ref. Publications:	Dowty Propellers Alert Service Bulletin No. D8400-61-A69 initial issue dated 15 August 2007 or later approved revision.
Remarks:	<p>1. If requested and appropriately substantiated the responsible EASA manager for the related product has the authority to accept Alternative Methods of Compliance (AMOCs) for this AD.</p> <p>2. The safety assessment has requested not to implement the full consultation process and an immediate publication and notification.</p> <p>3. Enquiries regarding this AD should be addressed to the AD Focal Point, Certification Directorate, EASA - E-mail: ADs@easa.europa.eu</p> <p>4. For any questions 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 716000 - Fax +44 (0) 1452 716001 e-mail mtowkan@dap.dowty.com</p>