

EASA	EMERGENCY AIRWORTHINESS DIRECTIVE
	<p>AD No.: 2010-0151-E</p> <p>Date: 23 July 2010</p> <p>Note: This Emergency 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.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.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 : Dyn'Aviation</p>	<p>Type/Model designation(s) : DR300 and DR400 series</p>
TCDS Number :	MD09K0012
Foreign AD :	Not Applicable
Supersedure :	None
ATA 78	Exhaust Exhaust Pipes – Inspection
Manufacturer(s):	Robin Aviation, APEX and Avions Pierre Robin
Applicability:	DR300 and DR400 aeroplanes, all models, all series, if modified in accordance with Dyn'Aviation minor change MD09K0012 equipped with Dyn'Aviation exhaust system P/N ZAPMO0100, ZAPMO0200, ZAPMO0300, ZAPMO0400, ZAPMO1700, ZAPMO1800, ZAPMO1900 or ZAPMO2000.
Reason:	<p>A case of in flight failure between rear exhaust stack and muffler has been reported.</p> <p>Consequently, if left uncorrected, this failure could lead to Carbon Monoxide (CO) contamination of the cabin, possibly resulting in incapacity of the pilot to continue the flight.</p> <p>This Emergency Airworthiness Directive (AD) based on Dyn'Aviation Service Bulletin (SB) No BS10G0001 requires repetitive inspections of the weldings between rear exhaust stacks and muffler to look for cracks. Furthermore, depending on findings, this AD requires the replacement of the exhaust system with a serviceable part.</p>
Effective Date:	27 July 2010

<p>Required action(s) and Compliance Time(s):</p>	<p>Required as indicated, unless accomplished previously:</p> <ol style="list-style-type: none"> (1) Before next flight after the effective date of this AD, visually inspect the welding between the rear exhaust stacks and muffler on the left and right exhaust systems in accordance with the Dyn'Aviation Service Bulletin BS10G0001 paragraph 8. (2) Thereafter, at intervals not to exceed 12 flight hours, repeat the inspection as specified in paragraph (1) of this AD. (3) If during any inspection as required by paragraphs (1) and (2) of this AD, cracks are found, replace the affected exhaust system with serviceable part. (4) Within 10 days after each inspection as required by paragraphs (1) and (2) of this AD, report all findings (including none) to Dyn'Aviation in accordance with the instructions of Dyn'Aviation SB BS10G0001 paragraph 8. (5) Replacement of an exhaust system with a serviceable one does not constitute terminating action for the repetitive inspection requirements of this AD.
<p>Ref. Publications:</p>	<p>Dyn'Aviation Service Bulletin BS10G0001 dated 21 July 2010. 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 safety assessment has requested not to implement the full consultation procedure and an immediate publication and notification. 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: DYN'AVIATION Rouge Troyes 21121 DAROIS FRANCE Phone : (33) 3 80 35 60 62 Fax : (33) 3 80 35 60 63 navigabilite@dynaviation.fr airworthiness@dynaviation.fr