


EASA	AIRWORTHINESS DIRECTIVE	
	<p>AD No.: 2013-0166</p> <p>Date: 26 July 2013</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 EU 748/2012, Part 21.A.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 AD applies, except in accordance with the requirements of that AD, 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>Design Approval Holder's Name :</p> <p>Zakłady Lotnicze Margański & Mysłowski</p>	<p>Type/Model designation(s) :</p> <p>MDM-1 "Fox" sailplanes</p>	
<p>TCDS Number: EASA.A.039</p>		
<p>Foreign AD: Not applicable</p>		
<p>Supersedure: None</p>		
<p>ATA 57</p>	<p>Wings – Wing Spar to Upper Skin Joint – Inspection / Repair</p>	
<p>Manufacturer(s):</p>	<p>Zakłady Lotnicze Margański & Mysłowski, Zakład Remontów i Produkcji Sprzętu Lotniczego, Edward Margański.</p>	
<p>Applicability:</p>	<p>MDM-1 "Fox" and MDM-1P "Fox-P" sailplanes, manufacturer serial numbers P-11 through P-16 inclusive, and 201 through 239 inclusive.</p>	
<p>Reason:</p>	<p>During a scheduled maintenance work (500-hour inspection) performed on a MDM-1 FOX sailplane, on both wings defects in the bonded joint between the wing upper skin and spar were identified. Report on similar occurrence was recorded earlier on an another MDM-1 FOX sailplane. The defects were randomly sized and located and, in the identified cases, did not show a tendency to grow. The subsequent investigation identified production process deficiency as a root cause of the origin of these defects.</p> <p>This condition, if not detected and corrected, could, under operational loads, lead to growth of defects in the wing upper skin and spar joint , resulting in degradation of the wing structural strength.</p> <p>To address this potentially unsafe condition, Zakłady Lotnicze Margański & Mysłowski issued Service Bulletin (SB) No BO-20/2013 MDM-1 FOX, to provide inspection and repair instructions.</p> <p>For the reasons described above, this AD requires a one-time inspection of the joint between wing upper skin and wing spar and, depending on findings, accomplishment of a repair.</p>	
<p>Effective Date:</p>	<p>09 August 2013</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) Within 30 days after the effective date of this AD, inspect the bonded joint between the wing upper skin and wing spar in accordance with the instructions of Zakłady Lotnicze Margański & Mysłowski SB BO-20/2013 MDM-1 FOX. (2) If, during the inspection as required by paragraph (1) of this AD, any defect, as detailed in Zakłady Lotnicze Margański & Mysłowski SB BO-20/2013 MDM-1 FOX, is detected, before next flight, accomplish a repair in accordance with the instructions of Zakłady Lotnicze Margański & Mysłowski SB BO-20/2013 MDM-1 FOX.
<p>Ref. Publications:</p>	<p>Zakłady Lotnicze Margański & Mysłowski SB No. BO-20/2013 MDM-1 FOX, original issue, dated 24 June 2013.</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. Based on the required actions and the compliance time, EASA have decided to issue a Final AD with Request for Comments, postponing the public consultation process until after publication. 3. Enquiries regarding this AD should be referred to the Safety Information Section, Executive Directorate, EASA. E-mail: ADs@easa.europa.eu . 4. For any question concerning the technical content of the requirements in this AD, please contact: Zakłady Lotnicze Margański & Mysłowski S.A. ul. Górnicza 107 43-502 Czechowice Dziedzice / Poland Telephone / Fax: +48 32 784 15 00 E-mail: office@marganski.pl.