


EASA	PROPOSED AIRWORTHINESS DIRECTIVE	
	<p>PAD No.: 07-169</p> <p>Date: 13 September 2007</p>	
<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.</p>		
<p>Type Approval Holder's Name:</p> <p>AVIOINTERIORS S.p.A.</p>	<p>Type/Model designations:</p> <p>Passengers Seats 12M()()-(-)()()()()()</p>	
<p>ETSO Approval: EASA.210.001</p>		
<p>Foreign AD: Not applicable</p>		
<p>Supersedure: EASA AD No.2006 – 0350 released on 22 November 2006.</p>		
ATA 25	Equipment & Furnishings – Passenger Seat Backrest – Inspection / Replacement	
<p>Manufacturer:</p>	<p>Aviointeriors S.p.A.</p>	
<p>Applicability:</p>	<p>Passenger Seats 12M()()-(-)()()()()(), all Part Numbers (P/N's) as listed in Section 1.A of Aviointeriors Service Bulletin 12M/F68-01 Revision 1.</p> <p>The affected seats are known to be installed on, but not limited to, the following aircraft:</p> <ul style="list-style-type: none"> - ATR 42 series; - ATR 72 series. 	
<p>Reason:</p>	<p>Seat backrests failures of the recline actuator metal fitting have been reported on in-service aircraft. The superseded EASA Airworthiness Directive (AD) 2006-0350 was issued to initially mandate a one-time inspection of the applicable backrests. Since the issuance of the AD, cycle testing performed by Aviointeriors have led to the determination of two possible thresholds for repetitive inspections, one of 2 700 Flight Cycles (FC) and another of 14 000 FC depending on findings.</p> <p>Consequently the present AD introduces repetitive inspections for backrests along with an optional terminating action consisting in the replacement of the applicable backrests by new ones of an improved design.</p> <p>Actions specified in this AD are intended to prevent further failures of the seat backrests which could result in injury to passengers or crew members during an emergency landing.</p>	
<p>Effective Date:</p>	<p>14 days after final AD issue date</p>	

<p>Compliance:</p>	<p>1. Within the next 3 months after the effective date of this AD, inspect the backrest fitting in accordance with paragraph (§) 3.1 of the Aviointeriors Service Bulletin (SB) 12M/F68-01 Revision 1.</p> <p><u>2. after accomplishment of § 1 of this AD, if any cracks or tool marks are found on a backrest fitting:</u></p> <p>2.1 before next flight, replace both seat backrests with new backrests P/N 3130330C0000 for recline actuator on the RH side and with P/N 3130331C0000 for recline actuator on the LH side, in accordance with § 4 of the Aviointeriors SB 12M/F68-01 Rev 1,</p> <p>or</p> <p>2.2 in case there is no possibility to replace the seat backrests before the next flight, The aircraft may be dispatched for no more than ten calendar days with the affected seat installed provided that:</p> <ul style="list-style-type: none"> • Seat is placarded as “Do not occupy” and means are taken to be sure that affected seat remains unoccupied during the all flight duration; and • Affected seat does not block any emergency exit; and • Affected seat does not restrict any passenger to get access to the main aisle; and • Seat backrests are replaced before the end of such ten days period in accordance with the provisions of this AD. <p>3. <u>after accomplishment of § 1 of this AD</u>, if no cracks or tool marks are found on a backrest fitting, re-identify the seat backrests in accordance with § 3.2 and § 5. of the Aviointeriors SB 12M/F68-01 Rev 1</p> <p>4. Repeat thereafter inspections of §1. of this AD, at intervals not to exceed 2 700 FC for “O” marked backrests or 14 000 FC for “A” marked backrests</p> <p>5. At the operator’s discretion, replacement of the existing backrests by new ones P/N 3130330C0000 (recline actuator on RH side) and P/N 3130331C0000 (recline actuator on LH side) is considered as a terminating action for the requirements of § 1. of this AD.</p> <p>6. <u>As of “effective date of this AD”, no person shall install Aviointeriors passenger seat assembly P/N 12M()(-)()() () () with backrests having P/N 313033000000 or 313033100000 on any airplane, unless they have been inspected in accordance with § 3.1 and 3.2 of the Aviointeriors SB 12M/F68-01 Revision 1.</u></p>
<p>Ref. Publications:</p>	<p>Aviointeriors Service Bulletin 12M/F68-01 Revision 1 (any later EASA approved revision of this document is acceptable.)</p>
<p>Remarks:</p>	<p>1. If requested and appropriately substantiated, EASA can accept Alternative Methods of Compliance for this AD.</p> <p>2. The closing date for comment is 27 September 2007.</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: Aviointeriors S.p.A. Engineering Product Support ; Phone: + 39 0773 689291 ; Fax: +39 0773 631546 ; E-mail : avio@aviointeriors.it</p>