

EASA	AIRWORTHINESS DIRECTIVE
	AD No.: 2014-0084 Date: 09 April 2014 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..
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].	
Design Approval Holder's Name: COSTRUZIONI AERONAUTICHE TECNAM S.r.l.	Type/Model designation(s): P2002-JR aeroplanes
TCDS Number: EASA.A.006	
Foreign AD: Not applicable	
Supersedure: This AD supersedes EASA AD 2011-0061-E dated 01 April 2011.	
ATA 32	Landing Gear – Emergency Accumulator for Landing Gear Extension – Inspection / Modification
Manufacturer(s): Costruzioni Aeronautiche TECNAM S.r.l.	
Applicability: P2002-JR aeroplanes, serial numbers: 015, 048, 052, 065, 066, 076, 091, 092, 093, 110, 111, 112, 116 and 123.	
Reason: Damaged lower skin of the fuselage aft tail cone was found during a pre-flight inspection of a Costruzioni Aeronautiche TECNAM P2006T aeroplane. This damage was caused by the lower lid of the emergency accumulator for the extension of the landing gear (LG). The lid had detached from the emergency accumulator, violently hitting the lower skin of the fuselage aft tail cone and damaging the accumulator cylinder. The affected emergency accumulator Part Number (P/N) 22-9-610-000 is also installed on P2002-JR aeroplanes. This condition, if not detected and corrected, could affect the structural integrity of the aeroplane and jeopardize the LG emergency extension in case of system failure in normal mode. To address this unsafe condition, EASA issued Emergency AD 2011-0061-E to require a one-time inspection of the LG emergency accumulator cylinder for cracks, deformation or oil leakage, and, depending on findings, accomplishment of the applicable corrective actions. At the same time, EASA issued AD 2012-0043 to address the same unsafe condition on P2006T aeroplanes. After AD 2011-0061-E was issued, TECNAM developed a Design Change (No. MOD2002/088), featuring the installation of safety rings, and published Service Bulletin (SB) SB-069-CS Revision 0, dated 20th October 2011, containing the	

	instructions for that modification. For the reasons described above, this AD, which supersedes EASA AD 2011-0061-E, requires installation of safety rings P/N 26-9-7590, identified as Design Change No. MOD2002/088, as described in SB-69-CS, and requires repetitive inspections of the system.
Effective Date:	23 April 2014
Required Action(s) and Compliance Time(s):	Required as indicated, unless accomplished previously: (1) Within 25 flight hours (FH) or 30 days after the effective date of this AD, whichever occurs first, install LG emergency accumulator safety rings P/N 26-9-7590 in accordance with the instructions of Costruzioni Aeronautiche TECNAM SB-069-CS. (2) Within 100 FH or 12 months, whichever occurs first after modification as required by paragraph (1) of this AD, and, thereafter, at intervals as specified in, and in accordance with the instructions of, Costruzioni Aeronautiche TECNAM SB-069-CS, inspect the LG emergency accumulator along with the safety rings and the LG retraction/extension system. (3) If, during any inspection as required by paragraph (2) of this AD, discrepancies are found, before next flight, contact TECNAM for approved instructions for corrective actions and accomplish those instructions accordingly.
Ref. Publications:	Costruzioni Aeronautiche TECNAM SB-069-CS Edition 1, Revision 0 dated 20 October 2011. The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.
Remarks:	1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD. 2. This AD was posted on 24 March 2014 as PAD 14-055 for consultation until 07 April 2014. No comments were received during the consultation period. 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: Costruzioni Aeronautiche TECNAM, Airworthiness Office; Phone: +39 0823 620134; Fax: +39 0823 622899; E-mail: airworthiness@tecnam.com; technical.support@tecnam.com.