

EASA	AIRWORTHINESS DIRECTIVE
	AD No.: 2012-0113 Date: 27 June 2012 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 EC 1702/2003, Part 21A.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 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.A.303] or agreed with the Authority of the State of Registry [EC 216/2008, Article 14(4) exemption].	
Type Approval Holder's Name : Costruzioni Aeronautiche TECNAM S.r.l.	Type/Model designation(s) : P92-J, P92-JS and P2002-JF aeroplanes
TCDS Number : EASA A.006, EASA A.412	
Foreign AD : Not applicable	
Supersedure : None	
ATA 32	Landing Gear – Main Landing Gear (MLG) Locknuts – Replacement
Manufacturer(s):	Costruzioni Aeronautiche TECNAM S.r.l.
Applicability:	P92-J and P92-JS aeroplanes, all serial numbers (S/N). P2002-JF aeroplanes, all S/N.
Reason:	A post flight inspection on a P2002-JF aeroplane revealed that MLG leaf springs were partially disconnected, which had caused a structural damage to the surrounding fuselage area. More detailed inspections revealed that the locknuts part number (P/N) MS21042-5 and MS21042L6, connecting the MLG leaf spring to the fuselage, were cracked. This condition, if not detected and corrected, could jeopardize the MLG and/or the aeroplane structural integrity. For the reasons described above, this AD requires the replacement of the MLG locknuts with other ones having different P/N.
Effective Date:	11 July 2012

Required Action(s) and Compliance Time(s):	Required as indicated, unless accomplished previously: (1) Within 25 flight hours or 30 days, whichever occurs first, after the effective date of this AD replace the MLG leaf spring locknuts P/N MS21042-5 and MS21042L6 with serviceable parts, in accordance with the instructions of Costruzioni Aeronautiche TECNAM SB 066–CS Ed. 2nd Rev. 0. (2) From the effective date of this AD, do not install locknuts P/N MS21042-5 and MS21042L6 on any MLG leaf spring. (3) Replacement of the MLG leaf spring locknuts accomplished, before the effective date of this AD, in accordance with the instructions of Costruzioni Aeronautiche TECNAM SB 066–CS Ed. 1st Rev. 0 or Rev. 1 or Rev. 2 is acceptable to comply with the requirements of paragraph (1) of this AD. From the effective date of this AD, Costruzioni Aeronautiche TECNAM SB 066–CS Ed. 2nd Rev. 0 must be used.
Ref. Publications:	Costruzioni Aeronautiche TECNAM SB 066–CS Ed. 2nd Rev. 0 dated 30 May 2012. 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. 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 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, Telephone: +39 0823 620134; Fax: +39 0823 622899 E-mail: airworthiness@tecnam.com.