



## Airworthiness Directive

**AD No.:** 2018-0072

**Issued:** 28 March 2018

Note: This Airworthiness Directive (AD) is issued by EASA, acting in accordance with Regulation (EC) 216/2008 on behalf of the European Union, 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 Regulation (EU) 748/2012, Part 21.A.3B. In accordance with Regulation (EU) 1321/2014 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 [Regulation (EU) 1321/2014 Annex I, Part M.A.303] or agreed with the Authority of the State of Registry [Regulation (EC) 216/2008, Article 14(4) exemption].

**Design Approval Holder's Name:** **Type/Model designation(s):**

COSTRUZIONI AERONAUTICHE TECNAM S.r.l. P2008 JC aeroplanes

**Effective Date:** 11 April 2018

**TCDS Number(s):** EASA.A.583

**Foreign AD:** Not applicable

**Supersedure:** None

### ATA 28 – Fuel System – Firewall – Inspection / Modification

#### Manufacturer(s):

Costruzioni Aeronautiche TECNAM S.r.l.

#### Applicability:

P2008 JC aeroplanes, serial numbers 1002 to 1085 inclusive.

#### Definition(s):

For the purpose of this AD, the following definitions apply:

**The SB:** TECNAM Service Bulletin (SB) 287 – CS – Ed. 1 Rev. 0.

#### Reason:

After an occurrence report of an engine fire, it was identified that, in some locations on the engine firewall, steel patches that had been attached with use of sealant material had, likely as a result of the fire, detached in the engine compartment. The related technical investigation concluded that more aeroplanes might be affected.

This condition, if not detected and corrected, could lead to propagation of an engine fire to other critical areas, possibly resulting in loss of the aeroplane.



To address this potential unsafe condition, TECNAM issued the SB, which provides instructions to detect the locations where such patches are installed, correct the attachment methods with the use of screws and prevent the detachment of the patches in case of a fire.

For the reasons described above, this AD requires a one-time inspection of the firewall and, depending on findings, removal and re-installation of patches.

#### **Required Action(s) and Compliance Time(s):**

Required as indicated, unless accomplished previously:

#### **Inspection(s):**

- (1) Within 25 flight hours, or 25 flight cycles, or within 6 months, whichever occurs first after the effective date of this AD, accomplish a visual inspection of the firewall in accordance with the instructions of the SB.

#### **Corrective Action(s):**

- (2) If, during the inspection as required by paragraph (1) of this AD, any patch is found installed without screws at any location described in the SB, before next flight, remove and re-install the affected patch(es) in accordance with the instructions of the SB.

#### **Parts Installation:**

- (3) After modification of an aeroplane as required by paragraph (2) of this AD, it is allowed to install, at any location described in the SB, patches with Part Number (P/N) 28-2-1337-1 or P/N 28-2-1337-2, provided that this is accomplished in accordance with the instructions of the SB.

#### **Ref. Publications:**

TECNAM SB 287 – CS – Ed. 1 Rev. 0 dated 07 November 2017.

The use of later approved revisions of the above-mentioned 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 21 February 2018 as PAD 18-029 for consultation until 21 March 2018. No comments were received during the consultation period.
3. Enquiries regarding this AD should be referred to the EASA Safety Information Section, Certification Directorate. E-mail: [ADs@easa.europa.eu](mailto: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](mailto:airworthiness@tecnam.com).

