



Notification of a Proposal to issue an Airworthiness Directive

PAD No.: 19-162

Issued: 30 August 2019

Note: This Proposed Airworthiness Directive (PAD) is issued by EASA, acting in accordance with Regulation (EU) 2018/1139 on behalf of the European Union, its Member States and of the European third countries that participate in the activities of EASA under Article 129 of that Regulation.

In accordance with the EASA Continuing Airworthiness Procedures, the Executive Director is proposing the issuance of an EASA Airworthiness Directive (AD), applicable to the aeronautical product(s) identified below.

All interested persons may send their comments, referencing the PAD Number above, to the e-mail address specified in the 'Remarks' section, prior to the consultation date indicated.

Design Approval Holder's Name:

BALLONS CHAIZE
 BALLONS LIBERT SPRL
 BALLONSERVICE & TECHNIK
 BALÓNY KUBÍČEK spol. s.r.o.
 CAMERON BALLOONS Ltd
 LINDSTRAND TECHNOLOGIES Ltd
 NOUVELLE MANUFACTURE D'AEROSTATS
 Theo SCHROEDER FIRE BALLOONS GmbH
 ULTRAMAGIC S.A.

Type/Model designation(s):

Hot Air Balloons (see Applicability)

Effective Date: [TBD - standard: 14 days after AD issue date]

TCDS Number(s): Austria BA 009-ACG, EASA.BA.001, EASA.BA.002, EASA.BA.003, EASA.BA.004, EASA.BA.010, EASA.BA.012, EASA.BA.013, EASA.BA.014, EASA.BA.015, EASA.BA.016, EASA.BA.017, EASA.BA.019, EASA.BA.021, EASA.BA.022, EASA.BA.025, EASA.BA.026, EASA.BA.028, EASA.BA.030, EASA.BA.109, EASA.BA.119, EASA.BA.120, EASA.BA.501, EASA.BA.502, EASA.BA.503, EASA.BA.504, EASA.BA.505, EASA.BA.506, EASA.BA.517, EASA.SAS.BA.012, EASA.SAS.BA.023 and EASA.SAS.BA.025.

Foreign AD: Not applicable

Supersedure: None

ATA 58-32 – Burner – Modification

Manufacturer(s):

114 (714) ZO Svazarmu, Aviatik Klub, Aerotechnik P.O.S., Aerotechnik s.r.o, Aerotechnik Podnik ÚV Svazarmu, Altisph'air, Annonay Air Concept, Ballons Libert Sprl, Ballons Chaize, Ballonservice & Technik, Balóny Kubíček spol. s.r.o., Cameron Balloons Ltd, Colt Balloons, Firma Johann Schön, Kubíček spol. s.r.o., Lindstrand Balloons Ltd (LBL), Lindstrand Hot Air Balloons Ltd, Llopis Balloons,



Notheisz Balloons Hungary Kft., Pilatre De Rozier S.I.G.A. S.A., Theo Schroeder fire balloons GmbH, Sky Balloons, SUP-AIR Ballon Egyesület, Thunder Balloons, Thunder & Colt, Ultramagic S.A., Lindstrand Technologies Ltd.

Note: The above list of manufacturers (some companies no longer exist) may not be complete, due to lack of historical data. In case a balloon manufacturer's name is not listed, that does not mean that this AD does not apply to that balloon – see the Applicability below.

Applicability:

All balloon types and models, as specified in the referenced TCDS listed above, all serial numbers.

Definitions:

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

Affected part: Schroeder Fire Balloons FB6 burners, all serial numbers (s/n) and FB7 burners, all s/n, except those that have a screw on the side of the valve (see the TN for additional description), and except those that have been corrected and marked in accordance with the TN.

The TN: Schroeder Fire Balloons Technical Note (TN) No. EASA.BA.016-62.

Reason:

Occurrences were reported concerning main burner valves of FB6, installed on Schroeder Fire Balloons. A few older models of the FB6 experienced reduced performance during flight. The investigation revealed that residue inside the valve stem assembly can cause plugging of the bores in the upper body of the main burner valve. This led to a limitation of the lever movement and consequent decreased burner performance. Certain FB7 burners are also affected, as they share the FB6 valve assembly.

This condition, if not detected and corrected, could lead to an uncontrolled cold descent and hard landing, possibly resulting in injury to balloon occupants and persons on the ground.

To address this potential unsafe condition, Theo Schroeder Fire Balloons GmbH issued the TN, providing modification instructions.

For the reasons described above, this AD requires modification of the affected parts. This AD also prohibits (re)installation of affected parts.

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

Required as indicated, unless accomplished previously:

Modification:

(1) Within 100 flight hours, or within 12 months, whichever occurs first after the effective date of this AD, modify each affected part in accordance with the instructions of the TN.

Parts Installation:

(2) From the affected date of this AD, do not install an affected part on any balloon.



Ref. Publications:

Schroeder Fire Balloons TN No. EASA.BA.016-62 original issue dated 08 August 2019.

The use of later approved revisions of the above-mentioned document is acceptable for compliance with the requirements of this AD.

Remarks:

1. This Proposed AD will be closed for consultation on 27 September 2019.
2. Enquiries regarding this PAD should be referred to the EASA Programming and Continued Airworthiness Information Section, Certification Directorate. E-mail: ADs@easa.europa.eu.
3. Information about any failures, malfunctions, defects or other occurrences, which may be similar to the unsafe condition addressed by this PAD, and which may occur, or have occurred on a product, part or appliance not affected by this PAD, can be reported to the [EU aviation safety reporting system](#).
4. For any question concerning the technical content of the requirements in this PAD, please contact: Theo Schroeder Fire Balloons GmbH, Telephone +49 65029304, E-mail: plein@schroederballon.de, Website: <https://schroederballon.de>.

