

 <b>適航指令發布單</b> <b>Airworthiness Directive Issuance Form</b>			
民航局 AD 編號 AD number	CAA-2016-07-012	發布日期 Date issued	2016/7/28
適用之航空產品 Applied to (models, serial numbers or part numbers, as applicable)	All balloon types and models, as specified in the referenced TCDS listed above, all serial numbers, if equipped with a Kubi?ek Burner with fuel hoses made of "EGEFLEX" material.		
主旨摘要	Fuel - Burner and Fuel Hoses - Identification / Replacement		
民航局 CAA <input type="checkbox"/> 本國產品 Native products <input type="checkbox"/> 其他個案 Other	設計國民航主管機構 Original Authorities <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <input type="checkbox"/> FAA  <input checked="" type="checkbox"/> EASA  <input type="checkbox"/> Brazil  <input type="checkbox"/> Transport Canada Civil Aviation  <input type="checkbox"/> DGAC             </div> <div style="width: 50%;"> <input type="checkbox"/> Germany LBA  <input type="checkbox"/> CAA-NL  <input type="checkbox"/> UK CAA  <input type="checkbox"/> Japan CAB  <input type="checkbox"/> CAA of Israel  <input type="checkbox"/> Other_____             </div> </div>		
	設計國 AD 編號 Original AD number	2016-0151	
	1. 直接採用原 AD 之內容?(Is the original AD directly adopted?) <input checked="" type="checkbox"/> 是(Yes) <input type="checkbox"/> 否(No) _ a. 生效日期另訂為(Re-specify the effective date as) : _____ b. 執行時限另訂為(Re-specify the compliance time or period as) : _____ 2. 使用人是否需要將 AD 執行結果向民航局提出報告?(Do Users need to report the status of compliance to the CAA?) <input type="checkbox"/> 是(Yes) <input checked="" type="checkbox"/> 否(No)		
備註 Note	ATA 28. Ref. Publications: Kubi?ek Balloons SB N° BB/50, BB-S/11, AB24 rev.1 dated 12 May 2016.		
註： 1. AD 內容後附。 2. 航空器產品使用人得向民航局提出豁免、替代符合方法、執行時限之展延之申請。 3. 如有任何問題，請聯絡交通部民用航空局初始適航科。Tel：(02)2349-6331~3, Fax：(02)2545-8464, e-mail： <a href="mailto:adcaa@mail.caa.gov.tw">adcaa@mail.caa.gov.tw</a> Note： 1. The AD text is enclosed. 2. Exemption, an alternative method of compliance or adjustment of the compliance time may be proposed to the CAA for approval. 3. For further information, please contact Civil Aeronautics Administration on Tel：(02)2349-6331~3, Fax：(02)2545-8464, e-mail： <a href="mailto:adcaa@mail.caa.gov.tw">adcaa@mail.caa.gov.tw</a>			



## Airworthiness Directive

**AD No.:** 2016-0151

**Issued:** 26 July 2016

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:

ALTISPH'AIR  
 BALLONS LIBERT SPRL  
 BALLONSERVICE & TECHNIK  
 BALÓNY KUBÍČEK SPOL. S.R.O.  
 CAMERON BALLOONS LTD  
 LINDSTRAND TECHNOLOGIES LTD  
 LLOPIS BALLOONS  
 SCHROEDER FIRE BALLOONS GMBH  
 ULTRAMAGIC S.A.

### Type/Model designation(s):

Hot Air Balloons (see Applicability)

**Effective Date:** 09 August 2016

**TCDS Number(s):** Austria BA 009-ACG, United Kingdom (UK) BB5, UK BB19, UK BB20, UK BB25, 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.120, EASA.BA.501, EASA.BA.502, EASA.BA.503, EASA.BA.504, EASA.BA.505, EASA.BA.506, EASA.BA.517, EASA.BA.26 and France No.186.

**Foreign AD:** Not applicable

**Supersedure:** None

## ATA 28 – Fuel – Burner and Fuel Hoses – Identification / Replacement

### 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, Pilatre De Rozier S.I.G.A. S.A., Schroeder fire balloons GmbH, Sky Balloons, 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, if equipped with a Kubiček Burner with fuel hoses made of "EGEFLEX" material.

#### **Reason:**

Three propane leaks were reported in the recent past on a burner manufactured by Balóny Kubiček spol. s.r.o., equipped with the fuel hoses made of hose material "EGEFLEX".

This condition, if not detected and corrected, could result in a fire, damaging the balloon and its envelope, ultimately leading to an emergency landing, with consequent injury to balloon occupants and persons on the ground.

To address this potential unsafe condition, Balóny Kubiček spol. s.r.o. (the hose assemblies' manufacturer) published Service Bulletin (SB) N° BB/50, BB-S/11, AB24 rev.1, which provides instructions for replacement of the affected fuel hoses with an improved part. As the affected burner and related fuel hoses can easily be installed on other hot air balloons, this AD applies to all possibly affected type designs.

For the reasons described above, this AD requires identification and replacement of the affected fuel hoses.

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

Required as indicated, unless accomplished previously:

- (1) Within 14 calendar days after the effective date of this AD, inspect the balloon to verify whether Kubiček fuel hose made of "EGEFLEX" material is installed.
- (2) If, during the inspection as required by paragraph (1) of this AD, an affected fuel hose is found to be installed, before next flight, replace the fuel hose in accordance with the instructions of Kubiček Balloons N° BB/50, BB-S/11, AB24 rev.1.
- (3) From the effective date of this AD, do not install on any hot air balloon a Kubiček fuel hose made of "EGEFLEX" material.

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

Kubiček Balloons SB N° BB/50, BB-S/11, AB24 rev.1 dated 12 May 2016.

#### **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 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: BALÓNY KUBÍČEK spol. s r.o., Telephone +420 454 422 642,  
E-mail: [technical@kubicekballoons.cz](mailto:technical@kubicekballoons.cz)  
Website: <http://www.kubicekballoons.eu>



**Appendix:**  
Fuel leak occurred

