



CIVIL AVIATION AUTHORITY  
CZECH REPUBLIC  
**Airworthiness Division**  
Airport Ruzyně, 160 08 Prague 6  
Tel: 420 233320922, fax: 420 220562270

## AIRWORTHINESS DIRECTIVE

**Number: CAA-AD-T-111/2002**

Date of issue: December 2, 2002

**Balóny Kubíček spol. s r.o.**  
AB, BB

### HOT AIR BALOON – FACE SEALING OF MAIN FLIGHT VALVE OF BURNER – REPLACEMENT

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**Applicability:** All versions of AB and BB hot air balloons produced by Balóny Kubíček spol. s r.o. equipped with the H3, H3-D, HB1, HB2 and H4 burner type.

**Reason:** Main flight valve leak of the H3-D and HB2 burners caused by excessive wear of the face sealing, which is caused by a delivery of low sealing material quality.

**Effective date:** Upon receive.

**Compliance:**

Before the next flight perform replacement of above mentioned sealing with the new one supplied by manufacturer in accordance with Mandatory Bulletin No. BB/23a, AB015a, which becomes herewith part of this AD.

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*Remarks: The compliance of this AD must be recorded in Baloon Logbook, where applicable the requirements of this AD must be integrated into Aircraft Technical Documentation. Address inquiries concerning this AD to: Civil Aviation Authority, Airworthiness Division, Ruzyně Airport, 160 08 Prague 6, Czech Republic, tel: 420 233320922, fax: 420 220562270.*

**Ing. Pavel MATOUŠEK**  
director

*issues*

## **MANDATORY BULLETIN No. BB/23a, AB015a**

- 1. WITH REFERENCE TO:** All of the hot air balloons incl. balloons with an special shaped envelope equipped with the H3, H3-D, HB1, HB2 and H4 burner type.
- 2. REASON:** Main flight valve leak by the H3-D and HB2 burners caused by excessive wear of the face sealing. This is caused by a delivery of low quality sealing material.
- 3. REQUIRED ACTION:** Front sealing No. 50520 change (see Maintenance Manual issued on 20.10.2001) of the main flight valve by all H3, H3-D, HB1, HB2 and H4 burners. The present yellow or blue Polytan sealing may be used no more.
- 4. DEADLINE FOR ACTION:** Immediately after this bulletin receiving.
- 5. ACTION CARRIED OUT:** Manufacturer / approved organization / balloon operator.
- 6. INDUCED COST COVERED:** Manufacturer and balloon operator.
- 7. NECESSARY MATERIAL:** Sealing set.
- 8. PROCESS:** Realize the disassembly of the main flight valve by all burner units in accordance with the Maintenance Manual (see Section 6, procedure No. 31-1) and replace the seals with the new ones supplied by the manufacturer.
- 9. BULLETIN TAKES EFFECT:** From the date of the CAA, Czech Republic approval.
- 10. ENCLOSURES:** None.

*On behalf of the manufacturer:*

*Ing. Josef Pučégl*

*Date: 26. 11. 2002*