

CIVIL AVIATION AUTHORITY OF THE CZECH REPUBLIC

92-06
Revision 2
BALÓNY KUBÍČEK spol. s r.o.
AEROTECHNIK AB
15.07.2005

TYPE CERTIFICATE DATA SHEET No. 92-06

This data sheet which is a part of Type Certificate No. 92-06 prescribes conditions and limitations under which the product for which the type certificate was issued meets the airworthiness requirements of the Czech Republic.

Model	Application Date	Certification Date
AEROTECHNIK AB	23.06.1992	05.11.1992

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Model AEROTECHNIK AB

I. General

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| 1. Data Sheet No.: | 92-06 |
| 2. Model: | AEROTECHNIK AB |
| 3. Airworthiness category: | Normal |
| 4. Type Certificate Holder: | BALÓNY KUBÍČEK spol. s r.o.
Francouzská 81
602 00 Brno |
| 5. Manufacturer: | since 16.01.1991
Aerotechnik p.o.s.
686 04 Kunovice

since 12.09.1994
Aerotechnik s.r.o.
686 04 Kunovice |
| 6. Application Date: | 23.06.1992 |
| 7. Certificate Date: | 05.11.1992 |

II. Certification Basis

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| 1. Certification Basis: | Federal Aviation Regulations, Part 31 - Airworthiness Standards: Manned Free Balloons, Amdt. 31-4, dated 11 September 1980 |
| 2. Special Conditions: | None |
| 3. Exemptions: | None |
| 4. Equivalent Safety Findings: | None |

III. Technical Characteristics and Operational Limitations

1. Type Design Definition: Drawing documentation No. 500 000, dated 17. 2. 1992
2. Description: The free hot-air balloon with the natural shaped envelope of 2190 m³ and 3000 m³ volume, horizontal (O-type) or vertical form (N-type) with 12, 20 or 24 gores in accordance with the envelope size and type. The parachute is used for closing of the vent opening. As option, the envelope can be equipped with rotation vent. The double burner is the heat source for the envelope. The basket is cane-work connected with the envelope by means of stainless-steel wires and carabiners with a screw gate. Stainless or dural cylinders of 20-30 kg fuel capacity (propan of common quality) are fixed in the basket, the equipment and instruments are fixed on the inner side of the basket.
3. Equipment:
 - Altimeter
 - Variometer
 - Thermometer for internal envelope measuring
 - Melting link for the envelope overheating check
 - Fuel quantity gauge
 - Double fire equipment
 - Dropline
 - Fire extinguisher
 - Heat-resistanr cloth
 - First aid kit
4. Envelope

O22	2190 m ³ Volume
N22	2190 m ³ Volume
N30	3000 m ³ Volume
5. Burner:

HB2	double
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6. Basket:

J1	1,23 x 1,23 m, výška 1,00 m
J2	1,23 x 1,35 m, výška 1,00 m
7. Weights:

Maximum take-off weight:	
O22	600 kg
N22	600 kg
O22	900 kg
8. Envelope temperature: max. 120 °C
9. Minimum Flight Crew: 1 Pilot
10. Number of passengers on board: In accordance with the Flight Manual
11. Other Limitations: The balloon is approved for Day VFR flight.

IV. Operating and Service Instructions

1. Letová příručka pro horkovzdušný balón (č. dokumentu: B.0101)
2. Flight manual for use with the hot air balloon (document No.: B.0102)
3. Flughandbuch für Heißluftballon (Dokument-Nr.: B.0103)
4. Příručka pro údržbu horkovzdušného balónu (č. dokumentu: B.0201)
5. Maintenance manual for use with the hot air balloon (document No.: B.0202)

V. Notes

1. Applicable range of balloon parts or equipment from the other manufacturers – see the covering technical documentation.
2. **EASA TC No. EASA.BA.004 has been issued for type AB balloons on February 8, 2005.**