

Approved by EASA under Approval Number 10044755

**8.9 KUBÍČEK ‘BOTTOM ENDS’ WITH CAMERON OR THUNDER & COLT ENVELOPES**

**8.9.1 GENERAL INFORMATION**

This supplement shall be inserted in the Flight Manual, in Section 8: ‘Supplements’ with the revisions record sheet amended accordingly.

Information contained herein supplements, or in the case of conflict, supersedes that contained in the basic Flight Manual. For Limitations, Procedures, and Performance Data not contained in this supplement, consult the basic Hot Air Balloon Flight Manual.

All references to the Kubíček Flight Manual refers to Flight manual Ref B0102, Issue dated 04 October 2005 or later EASA approved revision.

Issue 6 of this supplement has four pages.

There are no additional continued airworthiness instructions associated with this supplement.

**8.9.2 LIMITATIONS**

**8.9.2.4 MINIMUM BURNER REQUIREMENTS**

1. The Ignis Burner may only be used with envelope volumes of:

Burner Configuration	Permitted Envelope Volume
Ignis Double (two units)	60,000 ft <sup>3</sup> (1700m <sup>3</sup> ) - 210,000 ft <sup>3</sup> (5950 m <sup>3</sup> )
Ignis Triple (three units)	140,000 ft <sup>3</sup> (3970 m <sup>3</sup> ) - 300,000 ft <sup>3</sup> (8496 m <sup>3</sup> )
Ignis Quad (Four units)	160,000 ft <sup>3</sup> (4531 m <sup>3</sup> ) - 500,000 ft <sup>3</sup> (14158 m <sup>3</sup> )

**8.9.2.15 BASKETS**

6. The maximum number of occupants and maximum payload of each variant of Kubíček basket is given in Table 13.
7. Where a partitioned basket is used, an approved pilot restraint harness must be fitted.

**8.9.2.18 EQUIPMENT INTERCHANGEABILITY**

1. The burners, baskets and cylinders manufactured by Kubíček Balloons which may be used in combination with Cameron and Thunder & Colt envelopes are listed in Section 8.9.9 of this supplement.

2. Approved Cameron and Thunder & Colt Burner systems may be used in combination with Kubíček baskets where the burner is fitted in a compatible frame. Limitations specific to each burner assembly should be used (refer to base manual Section 2.4 and Supplement 8.22.2.4). A list of compatible frames is given in Section 8.9.9 of this supplement.
3. The Ignis Double Burner (two units) may be used in combination with Cameron Baskets when mounted in Cameron load frame CQ2018.
4. The Ignis Double Burner (two units) may be used in combination with Cameron Baskets when mounted in the Fixed/Vario Frame-Basic subject to an assembly check.

**Warning:** The length of basket cables, support rods and angle of mounting sockets must be checked when combining equipment from different manufacturers.

### **8.9.3 EMERGENCY PROCEDURES**

No Change

### **8.9.4 NORMAL PROCEDURES**

No Change

### **8.9.5 WEIGHT CALCULATIONS**

No Change

### **8.9.6 BALLOON AND SYSTEMS DESCRIPTION**

#### **8.9.6.3 Burner**

Refer to applicable Kubíček balloons Flight Manual.

#### **8.9.6.5 BASKET**

Refer to applicable Kubíček balloons Flight Manual.

### **8.9.7 BALLOON MAINTENANCE, HANDLING AND CARE**

Refer to applicable Kubíček balloons Flight Manual.

**8.9.9 EQUIPMENT LIST**

Tables 6 and 8 list the Kubíček baskets and burners which may be used with Cameron and Thunder & Colt envelopes.

**Table 6: Kubíček Balloons Baskets (additional)**

Basket Category	Drawing Number	Basket Description	Applicable Cylinders	Applicable Burner Frames	Max. Payload (kg)	Max. Occupancy (kg)
D	K12*	77-840	1,1a, 2, 3	Fixed / Vario Frame - basic	700	5
D	K12A*	77-840	1,1a, 2, 3	Fixed / Vario Frame - basic	700	5
E	K15*	90-1050	1,1a, 2, 3	Fixed / Vario Frame - basic	800	6
F	K16*	90-1050	1,1a, 2, 3	Fixed / Vario Frame - basic	900	6
G	K18*	120 O	1,1a, 2, 3	Fixed / Vario Frame - basic	950	6
L	K40y	210-250T	1,1a, 2, 3	CB2505, CB2592, Kubicek K40Y Type	1200	12
O** or Q	K70	350TT** or 425TT	1,1a, 2, 3	K60, K60 STRONG	3000	22

\* These baskets are compatible, subject to an assembly check, with the following Cameron and Thunder & Colt burner frames : A0/BFS/500A Series, CB855, CB871, CB925, CB2598, CB2224, CB2203, CB2231, CB2309, CB2874, CB2226, CQ2018, CB8810, B8811, CB8820, CB8821, CB8864, CB8894, CB8902.

\*\* Serial numbers up to 399

**Table 8: Kubíček Balloons Burners (additional)**

Burner Category	Burner Model
B	Ignis Double (Two units)
C	Ignis Triple (Three units)
D	Ignis Quad (Four units)

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