

The technical content of this document is approved under the authority of DOA ref. EASA. 21J.140 (C739)

8.62 ULTRAMAGIC TEKNO BASKET

8.62.1 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.

Throughout this supplement the term "Cameron" refers to envelopes, burners and cylinders manufactured by Cameron, Lindstrand Hot Air Balloons Limited, Sky and Thunder & Colt.

Issue 1 of this supplement consists of four pages.

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

8.62.2 LIMITATIONS

As 39.2 of Ultramagic Flight Manual Supplement 39.

Table 1: Envelope Weight Limits and Volumes (Additional)

Variant	Volume		Standard MTOM						Reduced MTOM	
			CT-01		CT-02		CT-03		All	
	ft ³	m ³	kg	lb	kg	lb	kg	lb	kg	lb
56	56 000	1586	508	1120	508	1120	508	1120	499	1100
60	60 000	1700	544	1200	544	1200	544	1200	499	1100
65	65 000	1841	545	1202	590	1300	590	1300	499	1100
69	69 000	1954	545	1202	626	1380	626	1380	499	1100
70	70 000	1982	545	1202	635	1400	632	1393	499	1100
77	77 000	2195	545	1202	703	1550	632	1393	499	1100
80	80 000	2266	545	1202	726	1600	632	1393	499	1100
84	84 000	2379	545	1202	762	1680	632	1393	499	1100
90	90 000	2549	545	1202	807	1779	632	1393	499	1100
100	100 000	2832	545	1202	807	1779	632	1393	NA	NA
105	105 000	2974	545	1202	807	1779	632	1393	NA	NA
120	120 000	3398	545	1202	807	1779	632	1393	NA	NA
133	133 000	3767	545	1202	807	1779	632	1393	NA	NA

8.62.2.4 Minimum Burner Requirements

'Tekno' baskets are approved for flight using the following burners:

MK-21 Single

BMK-008 Single

MK-21 Double (only CT-02 and CT-03)

BMK-008 Double (only CT-02 and CT-03)

MK-32 Double (only CT-02 and CT-03)

8.62.4 NORMAL PROCEDURES

Refer to 39.4, 39.C and 39.D of Ultramagic Flight Manual Supplement 39.

8.62.6 BALLOON AND SYSTEMS DESCRIPTION

8.62.6.5.7 Dimension and Weights

Basket	Length*	Width	Wall Height	Empty Mass*	Min Karabiner Strength
	m	m	m	kg	kN
CT-01	1.0	0.8	1.1	35	0.9
CT-02	1.2	1.0	1.1	49	2.5
CT-03	1.2	0.8	1.1	38	0.9

* Fuel Cylinders, burner and burner frame not included.

8.62.6 BALLOON MAINTENANCE, HANDLING AND CARE

Refer to Ultramagic Maintenance Manual Supplement 18.

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