

Approved by EASA under Approval Number  
EASA.BA.A.01007 on 30 March 2007

### **8.33 SKY BOTTOM ENDS WITH CAMERON AND THUNDER & COLT ENVELOPES**

#### **8.33.1 GENERAL INFORMATION**

Issue 1 of this supplement has four pages.

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

#### **8.33.2 LIMITATIONS**

##### **8.33.2.7 FUEL**

1. The minimum fuel pressure when using Sky BR1 and BR2 (Mistral) burners is 4 bar (58 psi).
2. The maximum fuel pressure when using Sky BR1 and BR2 (Mistral) burners is 12 bar (174 psi).

##### **8.33.2.8 MINIMUM BURNER REQUIREMENTS**

5. The Sky BR1 and BR2 (Mistral) double burners must not be used with envelopes larger than 200,000 cu.ft (5 664 m<sup>3</sup>).

##### **8.33.2.18 Equipment Interchangeability**

1. The burners and baskets manufactured by Sky Balloons which may be used in combination with Cameron and Thunder & Colt envelopes are listed in Section 8.33.9 of this supplement.

#### **8.33.3 EMERGENCY PROCEDURES**

No change.

**8.33.4 NORMAL PROCEDURES**

No change.

**8.33.5 WEIGHT CALCULATIONS**

No change.

**8.33.6 BALLOON AND SYSTEMS DESCRIPTION****8.33.6.3 Burner**

Refer to applicable Sky Balloons Flight Manual.

**8.33.6.4 Fuel Cylinders**

Refer to applicable Sky Balloons Flight Manual.

**8.33.6.5 Basket**

Refer to applicable Sky Balloons Flight Manual.

**8.33.7 BALLOON MAINTENANCE, HANDLING AND CARE**

Refer to the applicable Sky Balloons Flight Manual.

**8.33.9 EQUIPMENT LIST****8.33.9.2 Equipment List**

Tables 11, 12 and 13 list the Sky Balloons baskets, burners and fuel cylinders which may be used with Cameron envelope types.

**Table 11 - Sky Balloons Burners**

<b>Burner Category</b>	<b>Burner Model</b>
B	BR 1 Double
B	BR 2 Double (Mistral)
C	BR 1 Triple
C	BR 2 Triple (Mistral)
D	BR 1 Quad
D	BR 2 Quad (Mistral)

**Table 12 - Sky Balloons Fuel Cylinders**

<b>Cylinder Category</b>	<b>Cylinder Material</b>	<b>Cylinder Model</b>
2	STAINLESS STEEL	V20
2	STAINLESS STEEL	V30
3	STAINLESS STEEL	V40

**Table 13 - Sky Balloons Baskets**

Basket Category	Basket Number	Basket Description*	Applicable Cylinders	Applicable Burner Frames
C	A0/BT/1000/A	1.29 m x 1.07 m Open	1a, 1, 2, 3	A0/BF1/1000/A
C	A0/BT/1000/AA	1.29 m x 1.07 m Open	1a, 1, 2,	A0/BF1/1000/A
C	A0/BT/1100/A	1.29 m x 1.07 m Open	1a, 1, 2,	A0/BF1/1000/A
C	A0/BT/1500/A	1.29 m x 1.07 m Open	1a, 1, 2, 3	A0/BF1/1000/A
C	A0/BT/1500/AA	1.29 m x 1.07 m Open	1a, 1, 2,	A0/BF1/1000/A
E	A0/BT/2000/A	1.55 m X 1.19 m Open	1a, 1, 2, 3	A0/BF1/1000/AA
E	A0/BT/2000/AA	1.55 m X 1.19 m Open	1a, 1, 2	A0/BF1/1000/AA
E	A0/BT/2500/AA	1.55 m X 1.19 m Open	1a, 1, 2	A0/BF1/1000/AA
G	A0/BT/3000/A	1.8 m x 1.29 m Open	1a, 1, 2, 3	A0/BF1/1000/AB
G	A0/BT/3000/AA	1.8 m x 1.29 m Open	1a, 1, 2	A0/BF1/1000/AB
G	A0/BT/3100/A	1.8 m x 1.29 m Open	1a, 1, 2	A0/BF1/1000/AB
G	A0/BT/3200/A	1.8 m x 1.29 m Partition	1a, 1, 2, 3	A0/BF1/1000/AB
G	A0/BT/3500/A	1.8 m x 1.29 m Open	1a, 1, 2, 3	A0/BF1/1000/AB
G	A0/BT/3500/AA	1.8 m x 1.29 m Open	1a, 1, 2	A0/BF1/1000/AB
I	A0/BT/10000/A	2.07 m x 1.57 m T-Partition	1a, 1, 2, 3	A0/BF1/2***A
I	A0/BT/12000/A	2.47 m x 1.57 m Double T-Partition	1a, 1, 2, 3	A0/BF1/2***A-A0/BF1/3***A
I	A0/BT/12500/A	2.47 m x 1.57 m Double T-Partition	1a, 1, 2, 3	A0/BF1/2***A-A0/BF1/3***A
J	A0/BT/12100/A	2.47 m x 1.57 m T-Partition	1a, 1, 2, 3	A0/BF1/2***A-A0/BF1/3***A
J	A0/BT/12150/A	2.47 m x 1.57 m T-Partition	1a, 1, 2, 3	A0/BF1/2***A-A0/BF1/3***A
M	A0/BT/14000/A	2.87 m x 1.57 m Double T-Partition	1a, 1, 2, 3	A0/BF1/2***A-A0/BF1/3***A
M	A0/BT/14500/A	2.87 m x 1.57 m T-Partition	1a, 1, 2, 3	A0/BF1/2***A-A0/BF1/3***A
L	A0/BT/14100/A	2.87 m x 1.57 m T-Partition	1a, 1, 2, 3	A0/BF1/2***A-A0/BF1/3***A
L	A0/BT/14150/A	2.87 m x 1.57 m T-Partition	1a, 1, 2, 3	A0/BF1/2***A-A0/BF1/3***A
M	A0/BT/16000/A	3.07 m x 1.57 m Double T-Partition	1a, 1, 2, 3	A0/BF1/2***A-A0/BF1/3***A
M	A0/BT/16500/A	3.07 m x 1.57 m Double T-Partition	1a, 1, 2, 3	A0/BF1/2***A-A0/BF1/3***A
O	A0/BT/18000/A	3.27 m x 1.57 m Double T-Partition	1a, 1, 2, 3	A0/BF1/2***A-A0/BF1/3***A
O	A0/BT/18500/A	3.27 m x 1.57 m Double T-Partition	1a, 1, 2, 3	A0/BF1/2***A-A0/BF1/3***A
R	A4/BT/500/A	5.35 m x 1.57 m Double T-Partition	1a, 1, 2, 3	A4/BF1/500/A

\* Denotes minor changes in burner frame geometry