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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 m³).

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

Burner Category	Burner Model
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

Cylinder Category	Cylinder Material	Cylinder Model
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