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8.7 ULTRAMAGIC 'BOTTOM ENDS' WITH CAMERON ENVELOPES

8.7.1 GENERAL INFORMATION

Issue 1 of this supplement has four pages.

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

This supplement was originally approved by UK.CAA as Supplement 7 to Flight Manual, Issue 9 on 18 June 2003

8.7.2 LIMITATIONS

8.7.2.15 BASKETS

6. Only baskets with rectangular passenger compartments (excluding corner radii) may be used.

8.7.2.18 EQUIPMENT INTERCHANGEABILITY

1. The burners and baskets manufactured by Ultramagic which may be used in combination with Cameron envelopes are listed in Section 8.7.9 of this supplement.

8.7.3 EMERGENCY PROCEDURES

8.7.3.11 Pilot Light Failure

If all pilot lights fail the following procedure should be adopted-

1. Shut off all fuel supplies at the cylinder valve.
2. Lock one quiet burner valve (if fitted) fully open, or lock one blast valve fully open.
3. Partially open the fuel supply to this burner at the cylinder valve, to permit a small amount of fuel to enter the burner.

4. Light the burner with a match or other igniter. (**WARNING- do not use the igniter built into the burner**)
5. Fully open the fuel supply to the burner, using the cylinder liquid valve to control the flight of the balloon.
6. Partially close the cylinder liquid valve to a fractional setting, regulating the burner to maintain a pilot setting.
7. Land as soon as possible.

8.7.4 NORMAL PROCEDURES

No change.

8.7.5 WEIGHT CALCULATIONS

No change.

8.7.6 BALLOON AND SYSTEMS DESCRIPTION

8.7.6.3 Burner

Refer to applicable Ultramagic Flight Manual.

8.7.6.4 Fuel Cylinders

Refer to applicable Ultramagic Flight Manual.

8.7.6.5 Basket

Refer to applicable Ultramagic Flight Manual.

8.7.7 BALLOON MAINTENANCE, HANDLING AND CARE

Refer to the applicable Ultramagic Flight Manual.

8.7.9 EQUIPMENT LIST

8.7.9.2 Equipment List

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

Table 11 - Ultramagic Burners

Burner Category	Burner Model
A	MK-2 Simple
A	MK-2 Super Simple
A	MK-10 Simple
B	MK-2 Double
B	MK-2 Super Double
B	MK-10 Double
C	MK-2 Triple
C	MK-2 Super Triple
C	MK-10 Triple
D	MK-2 Super Quadruple
D	MK-10 Quadruple

Table 12 - Ultramagic Fuel Cylinders

Cylinder Category	Cylinder Material	Cylinder Model
1	ALUMINIUM	43-U4
2	STAINLESS STEEL	M 20
2	STAINLESS STEEL	M 30
3	STAINLESS STEEL	M 40
2	TITANIUM	T 25

Table 13 - Ultramagic Baskets

Basket Category	Basket Model	Applicable Cylinders
B	C-0	1, 2, 3
C	C-1	1, 2, 3
C	C-2	1, 2, 3
C	C-3	1, 2, 3
E	C-4	1, 2, 3
G	C-5	1, 2, 3
G	C-6	1, 2, 3
G	C-7	1, 2, 3
I	C-8	1, 2, 3
K	C-9	1, 2, 3
D	C-10	1, 2, 3
O	C-11	1, 2, 3

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