

## **FLIGHT MANUAL SUPPLEMENT 6** **Schroeder / Fire Bottom Ends with Ultramagic Envelopes**

### **6.1 General Information.**

This supplement is issued to cover additional actions to be taken to safely and efficiently use Schroeder Fire baskets, burners and cylinders with Ultramagic envelopes.

### **6.2.15 Limitations**

The burners, baskets and cylinders manufactured by Schroeder Fire which may be used in combination with Ultramagic envelopes are listed in section 6.8

### **6.3 Emergency Procedures**

No change

### **6.4 Normal Procedures**

Add.

Schroeder Fire burner frames are similar to Ultramagic with a single plate corner lug. Assembly is therefore similar to that of an Ultramagic and the same checks should be carried out.

### **6.5 Loading**

No change

### **6.6 Balloon and Systems Description**

No change.

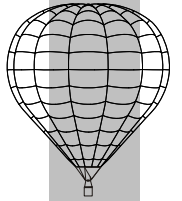
### **6.7 Balloon Maintenance, Handling and Care**

Add.

For inspections to Schroeder basket, burners and cylinders refer to Schroeder Fire maintenance manual.

### **9.6.8 Other Manufacturers Equipment**

Add the following. – See page 2



**SCHROEDER FIRE  
BASKETS BURNERS and CYLINDERS**

Basket Size (cm)	Type	Empty Weight (Kg)	UM Envelope size range
1.07 x 0.95	I/2	50	56-65
1.25 x 1.00	II/3	53	56-77
1.30 x 1.15	III/4	62	56-90
1.45 x 1.15	IV/5	68	77-120
1.55 x 1.20	V/5	77	90-130
1.75 x 1.25	VI/6	86	105-160
1.80 x 1.40	VII/7	146	145-210
2.15 x 1.40	VIII/8	152	145-210
2.35 x 1.40	VIII/9	206	160-250
2.50 x 1.70	IX/11	225	210-300
2.75 x 1.75	X/13	265	250-300

Burner Type	Weight (Kg)	UM Envelope size range
Optima I single	17	56-65
Optima II double	24	56-150
Optima IV double	24	56-150
FB V double	24	56-150
FB 6 double	24	56-160
Optima IV triple	34	130-160
FB V triple	34	130-250
FB 6 triple	34	130-250
FB V quad	43	210-300
FB 6 quad	43	210-300

Cylinder Type	Empty weight (KG)	Fuel capacity (Kg)	Basket range
V 20	14	20	All
V 30	18	30	All
VA 50	15	21	All
VA 70	18	30	All

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