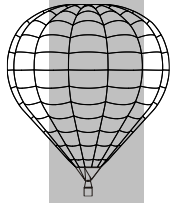


**ULTRAMAGIC MAINTENANCE MANUAL SUPPLEMENT No. 45****FDS LINE GEARING DOWN****Section 1 - General**

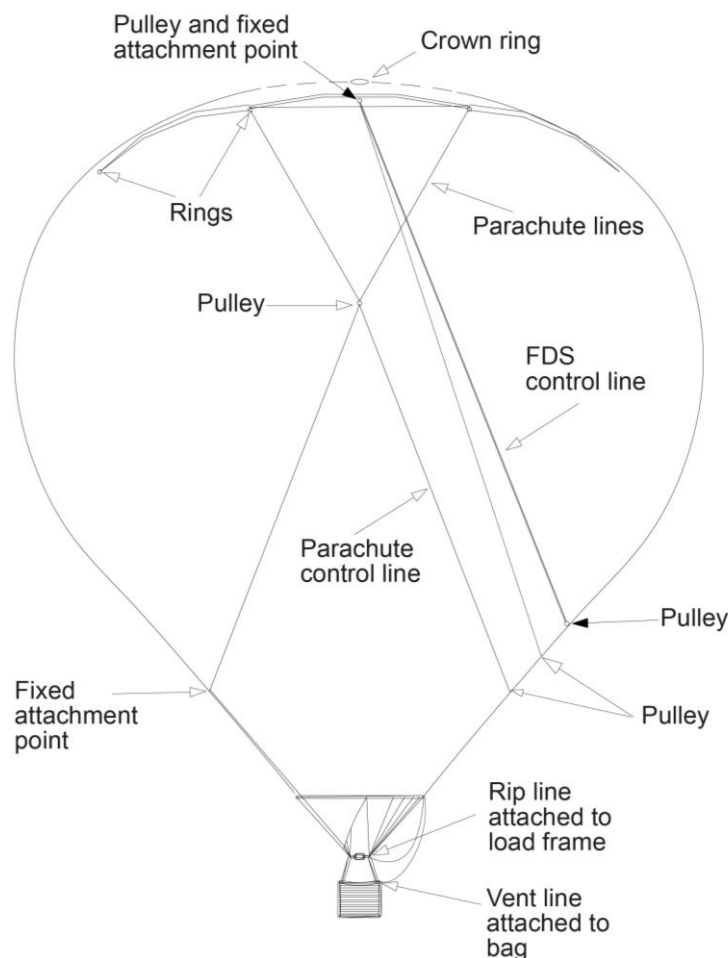
Indexes are kept in line with the Ultramagic Maintenance Manual to facilitate its use. All other limitations, instructions and safety information contained in the Ultramagic Maintenance Manual remain applicable.

**Section 2 – Envelope Repairs**

Add the following:

**2.10.7 Fast Deflation System Line Gearing Down**

The parachute line gearing down system is optional and retrofittable to all Ultramagic envelopes equipped with Fast Deflation System with a volume equal or greater than 250,000 cubic feet. It uses an additional pulley to reduce the amount of force required by the pilot to actuate the FDS. See diagram below for rigging of FDS line with gearing down:



**S  
4  
5  
F  
D  
S  
L  
I  
N  
E  
G  
E  
A  
R  
I  
N  
G  
D  
O  
W  
N**

**Section 3 – Basket Repairs**

No change.

**Section 4 – Fuel Systems**

No change.

**Section 5 – Instruments**

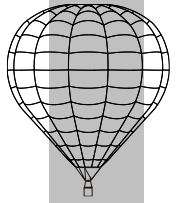
No change.

**Section 6 – Inspection Schedules**

No change.

**Section 7 – Airworthiness Limitations**

No change.



**S  
4  
5  
F  
D  
S  
L  
I  
N  
E  
G  
E  
A  
R  
I  
N  
G  
D  
O  
W  
N**