

Supplement 11 – Dropping Parachutists

11.1 General Information.

This supplement is issued to cover additional actions to be taken to safely and efficiently drop parachutes from an Ultramagic balloon using a standard basket. Permissions required to do this vary from country to country. This supplement is to indicate actions required and does not automatically mean that you have permission to drop parachutists.

11.2 Limitations

Add

11.2.16 Dropping Parachutists.

1. The use of static line releases is not allowed. Free fall parachuting only is permitted.
2. All reference to loading in section 2.6 must be strictly adhered to. Allowance for weight of parachutists, their equipment and drop altitude must be made when working out lift calculations.
3. The balloon must be fitted with a conventional basket that gives sufficient room to enable the parachutists to exit the basket without making contact with the fuel systems, burner systems and control lines.
4. Nothing should be attached to the outside of the basket from where the parachutists are to exit.

11.3 Emergency Procedures

No change

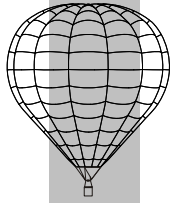
11.4 Normal Procedures

Add.

11.4.12 Parachutists

The following procedures must be used when parachutists are jumping from the balloon.

1. Before take off, all control lines and fuel hoses must be secured safely by the pilot so that the parachutist may exit the basket without touching the hoses or activating the lines.



2. Ensure that no items are secured to the outside of the basket where exit is to be made.
3. Before take off, the dropping procedure must be established.
4. Both the pilot and the parachutists must both agree the best time to jump and the best height to jump from.
5. The pilot must establish an agreed signal as to when the parachutists may leave the basket.
6. The parachutists may only leave the basket when the pilot is satisfied that all the required conditions are met and the pilot gives the signal.
7. A rate of descent of the balloon should be established before the pilot allows the parachutists to leave the basket. This varies depending on the number of parachutists jumping at any one time. A guideline descent figure is approximately 200 ft/ min (1 m/sec) per parachutist up to a maximum of 3 people.
8. On the agreed signal the parachutists must leave the basket away from the sides taking care not to touch the balloon control lines and fuel hoses.
9. The pilot and remaining passengers should be aware of the likely reaction of the balloon to the loss of weight upon the exit of the parachutists and thus maintain a secure handhold in the basket.

11.5 Loading

No change

11.6 Balloon and Systems Description

No change.

11.7 Balloon Maintenance, Handling and Care

No change

11.8 Other Manufacturers Equipment.

No Change