



LINDSTRAND BALLOONS

FLIGHT MANUAL SUPPLEMENT NO. 1.38

SPECIAL SHAPED ENVELOPE - LBL HOUSE

SECTION 1 - OPERATIONAL LIMITATIONS

1.1.6 Wind Speed

Add the following:

The maximum surface wind speed for take off and landing of the Lindstrand Balloons House special shaped hot air balloon is 10 knots.

1.1.8 Ascent/Descent Speed

Add the following:

The maximum recommended rate of climb and descent for the LBL House special shaped balloon is 2.5 m/s (500 ft/min).

1.5.1 Maximum Mass

TABLE 1

Add the following:

Balloon Type	Nominal Volume		FAI Class	Maximum Mass		Envelope Mass	
	cu.m.	cu.ft.		kg	lbs	kg	lbs
LBL House	2551	105,000	AX8	900	1980	324	713

1.5.2 Reduced Mass Operations

Add the following:

If reduced mass operations are required for the LBL House then the nominal volume should be used to determine the reduced mass level from the table.

1.5.3 Payload Calculation

Add the following:

Calculation of the payload for the LBL House special shaped balloon is identical to the procedure described. The conversion of the lift per unit volume figure, found from the load charts, into a gross lift figure is achieved by multiplying by the nominal volume given above.



SECTION 2 - NORMAL PROCEDURES

2.2.2 Cold Inflation

Add the following:

Ensure that all the 13 deflation vents are closed. These are situated as follows:

5 in each side of the roof and 3 in the chimney.

2.3.2 In-Flight Control

Add the following:

A vent is provided for in-flight venting. This is operated by pulling on the candy stripe line to open.

2.3.4 Landing

Final deflation is achieved by pulling the red coloured lines, which will operate the two rip panels.

APPROVED BY EASA UNDER APPROVAL NR. EASA.BA.C.01061 ON 11 AUGUST 2006