



LINDSTRAND BALLOONS LTD

FLIGHT MANUAL SUPPLEMENT NO. 1.15

SPECIAL SHAPED ENVELOPE - LBL STOVE

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 Ltd Stove 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 Stove special shaped balloon is 3.75 m/s (750 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 Stove	2973	105,000	AX8	1050	2310	253	557

1.5.3 Payload Calculation

Add the following:

Calculation of the payload for the LBL Stove 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.

2.2.2 Cold Inflation

Ensure that the 18 deflation vents are closed. These are situated 4 on the bottom legs, 4 on the top rim, 8 on the doors, and 2 on the grate.