



LINDSTRAND BALLOONS LTD

FLIGHT MANUAL SUPPLEMENT NO. 1.34

SPECIAL SHAPED ENVELOPE - LBL BULB

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 Bulb 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 Bulb special shaped balloon is 3.75 m/s (750 ft/min).

1.5.1 Maximum Weight

TABLE 1

Add the following:

Balloon Type	Nominal Volume		FAI Class	Maximum Weight		Envelope Weight	
	cu.m.	cu.ft.		kg	lbs	kg	lbs
LBL Bulb	2973	105,000	AX8	1050	2310	190	418

1.5.3 Payload Calculation

Add the following:

Calculation of the payload for the LBL Bulb 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 the four deflation vents are closed. There is one deflation vent equi-spaced on the top side of the lower skirt.

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 line which will operate the Q-Vent deflation system.