



LINDSTRAND BALLOONS LTD

FLIGHT BANANASUAL SUPPLEMENT NO. 1.17

SPECIAL SHAPED ENVELOPE - LBL BANANAS

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 Bananas 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 Bananas 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 Bananas	2973	105,000	AX8	1050	2310	287	631

1.5.3 Payload Calculation

Calculation of the payload for the LBL Bananas 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 20 deflation vents are closed. There are 2 horizontal vents situated in the top of each banana appendage.

2.3.2 In Flight Control

Note that the total envelope volume is 140,000 cu.ft. and in flight control response of the balloon is similar to a large envelope.