



LINDSTRAND BALLOONS LTD

FLIGHT MANUAL SUPPLEMENT NO. 1.9

SPECIAL SHAPED ENVELOPE - LBL DRINKS CAN

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 Drinks Can special shaped hot air balloon is 12 knots.

1.1.8 Ascent/Descent Speed

Add the following:

The maximum rate of climb and descent for the LBL Drinks Can 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 Drinks Can	2548	90,000	AX8	900	1980	222	488

1.5.3 Payload Calculation

Add the following:

Calculation of the payload for the LBL Drinks Can 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.