



# LINDSTRAND BALLOONS

## FLIGHT MANUAL SUPPLEMENT NO. 1.36

### SPECIAL SHAPED ENVELOPE - LBL DOG

#### 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 Dog 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 Dog special shaped balloon is 2.5 m/s (500 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 Dog	2973	105,000	AX8	1050	2310	333	733

##### 1.5.3 Payload Calculation

Add the following:

Calculation of the payload for the LBL Dog 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 36 deflation vents are closed. These are situated as follows:

25 in the head section and 11 in the body section

### 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 two rip panels which are situated on the body.

APPROVED BY EASA UNDER APPROVAL NR. 2004-3926 ON 19 APRIL 2004