



LINDSTRAND BALLOONS LTD

FLIGHT MANUAL SUPPLEMENT NO. 1.23

SPECIAL SHAPED ENVELOPE - LBL TELEWEST SPHERE

SECTION 1 - OPERATIONAL LIMITATIONS

1.1.6 Wind Speed

The maximum surface wind speed for take off and landing of the Lindstrand Balloons Ltd Telewest Sphere special shaped hot air balloon is 15 knots.

1.1.8 Ascent/Descent Speed

The maximum recommended rate of climb and descent for the LBL Telewest Sphere special shaped balloon is 5 m/s (1000 ft/min).

1.5.1 Maximum Mass

TABLE 1

Balloon Type	Nominal Volume		FAI Class	Maximum Mass		Envelope Mass	
	cu.m.	cu.ft.		kg	lbs	kg	Lbs
LBL Telewest Sphere	2973	105,000	AX8	1050	2310	208	458

1.5.3 Payload Calculation

Calculation of the payload for the LBL Telewest Sphere 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.