UNITED KINGDOM
CIVIL AVIATION AUTHORITY

BB27
Issue 2
April 2004
Models: LBL 60X,
LBL 69X

TYPE CERTIFICATE DATA SHEET NO. BB27

This data sheet prescribes conditions and limitations under which the product for which the Type Approval was issued meets the airworthiness requirements of the United Kingdom Civil Aviation Authority.

TYPE DESIGN ORGANISATION: Lindstrand Balloons
Maesbury Road
Oswestry
Shropshire
SY10 8ZZ
England

MANUFACTURER: Lindstrand Balloons
Maesbury Road
Oswestry
Shropshire
SY10 8ZZ
England

Models: LBL 60X, LBL 69X - Hot Air Balloons

Envelope	Volume		Drawing	Build Standard Refer to Flight Manual	Date Approved
	cu.ft	cu.m			
60X	60,000	1,700	EX-060-A-001	LB HABFM	13.5.03
69X	69,000	1,950	EX-069-A-001	LB HABFM	27.4.03

Basket and Burner As listed on the build standards referred to in the above table.

Fuel Commercial propane.

Maximum Envelope Temperature 120°C

Fuel System Minimum two independent tanks with provision to supply pilot lights (double burner), three such tanks for triple burner. Extra tanks may be used. Refer to Flight Manual Build Standard.

Maximum Weight

The maximum weight of the balloon is the lesser of the figures given below or the weight calculated in accordance with the flight manual, section 1.5.3.

Balloon Type	Maximum Weight (kg)
60X	600
69X	690

Minimum Equipment

Minimum equipment and eligible equipment is listed in the approved flight manual.

Minimum Crew

One (1) pilot.

Maximum Occupants

Not to exceed maximum weight restriction (see Flight Manual).

Serial Nos. Eligible

All.

Data Applicable to all Models

Maintenance and Inspection

Maintenance and inspection of these balloons must be carried out in accordance with Maintenance Schedule MS/BBAC/1-K for continued airworthiness. See note 1.

Certification Basis

British Civil Airworthiness Requirements, Part 31, issue dated 31/8/84, Appendix 1 to CAA letter ref 9/30 IPA dated 27/2/1989.

Airworthiness Categories

UK: Private, Aerial work

Flight Manual

Flight Manual Ref LB HABFM at current issue.

Note 1

For the purpose of maintenance and inspection log books must be maintained with each hot air balloon envelope. If the burner, basket, instruments and/or tanks are interchanged, they must be listed in the log book of each envelope with which they are used.

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