UNITED KINGDOM
CIVIL AVIATION AUTHORITY

BB7 Issue 3
Models: 56B, 69B, 77B, 90B, 105B
Date: April 2004

TYPE CERTIFICATE DATA SHEET No. BB7

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 Hot Air Balloons Ltd
Maesbury Road
Oswestry
Shropshire
SY10 8ZZ

MANUFACTURER: Lindstrand Hot Air Balloons Ltd
Maesbury Road
Oswestry
Shropshire
SY10 8ZZ

Models: LBL 56B, LBL 69B, LBL 77B, LBL 90B, LBL 105B - Hot Air Balloons

Envelope	Volume		Drawing	Build Standard Refer to Flight Manual	Date Approved
	cu.ft	cu.m			
56B	56,000	1590	EB-056-A-001	LBL HABFM	07.06.99
69B	69,000	1950	EB-069-A-001	LBL HABFM	02.10.95
77B	77,000	2180	EB-077-A-001	LBL HABFM	21.10.94
90B	90,000	2550	EB-090-A-001	LBL HABFM	14.01.97
105B	105,000	2970	EB-105-A-001	LBL HABFM	03.04.96

Basket and Burner: As listed on the build standards referred to in the above table.
Fuel: Commercial Propane
Maximum Envelope Temperature: 120ºC
Fuel System: Minimum two independent tanks with provision to supply pilot lights. 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)
56B	560
69B	690
77B	770
90B	900
105B	1050

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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/I-K for continued airworthiness. See note 1.
Certification basis	British Civil Airworthiness Requirements, Part 31, issue dated 31/08/84, Appendix 1to CAA letter ref. 9/30 IPA dated 27/02/1989.
Airworthiness Categories	UK: Private, Aerial work.
Flight manual	Flight Manual ref. LBLHABFM 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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