UNITED KINGDOM
CIVIL AVIATION AUTHORITY

BB11 **Issue 1** **December 1997** **Models:** **14M, 77M, 203M**

TYPE CERTIFICATE DATA SHEET NO. BB11

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 Ltd
Maesbury Road
Oswestry
Shropshire
SY10 8ZZ
England

Manufacturer: Lindstrand Balloons Ltd

Models: LBL 14M, LBL 77M, LBL 203M - Gas Balloons

Envelope	Volume		Drawing	Build Standard Refer to Flight Manual	Date Approved
	cu.ft	cu.m			
14M	14,000	400	EM-014-A-001	LBL GBFM	5/11/96
77M	77,000	2180	EM-077-A-001	LBL GBFM	24/3/97
203M	203,000	5750	EM-203-A-001	LBL GBFM	NYA

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	A minimum of one fuel cylinder with provision to supply the pilot light. Refer to Flight Manual Build Standard.

Lifting Gas	Helium only.
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)
14M	400
77M	2179
203M	4500

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 LBLAMMS for continued airworthiness. See note 1.
Certification basis	British Civil Airworthiness Requirements, Part 31, issue dated 31/8/84, and AWN as applicable.
Airworthiness Categories	UK: Private, Aerial work.
Flight manual	Flight Manual Ref LBLGBFM at current issue.
Note 1	For the purpose of maintenance and inspection log books must be maintained with each 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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