UNITED KINGDOM
CIVIL AVIATION AUTHORITY

BB24
Issue 3
LINDSTRAND BALLOONS
December 2005
Model: 500C & 600C

TYPE CERTIFICATE DATA SHEET NO. BB 24

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
England

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

Model: LBL 500C and 600C - Hot Air Balloon

Envelope	Volume		Drawing	Build Standard Refer to Flight Manual	Date Approved
	cu.ft	cu.m			
500C	500,000	14,158	EC-500-A-001	LBL HAB FM	30.04.02
600C	600,000	16,886	EC-600-A-001	LBL HAB FM	28.05.03

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)
500C	4,250
600C	5,100

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, Transport (passenger)
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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