UNITED KINGDOM
CIVIL AVIATION AUTHORITY

BB5 Issue 6
Models: Sky 31-24, 56-24, 65-24, 77-24, 90-24, 105-24, 120-24, 140-24, 160-24, 180-24, 200-24, 220-24, 240-24, 260-24, 317-24
Date: April 2001

TYPE CERTIFICATE DATA SHEET No. BB5

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: Cameron Balloons Ltd
St. John's Street
Bedminster
Bristol
BS3 4NH

MANUFACTURER: Cameron Balloons Ltd

Models: Sky 31-24, 56-24, 65-24, 77-24, 90-24, 105-24, 120-24, 140-24, 160-24, 180-24, 200-24, 220-24, 240-24, 260-24, 317-24 Hot Air Balloons

Envelope	Volume		Drawing	Build Standard Refer to Flight Manual	Date Approved
	cu.ft	cu.m			
31-24	31,000	878	A4/EN/31/A	310	11/04/96
56-24	56,000	1586	A4/EN/56/A	312	09/12/96
65-24	65,000	1840	A4/EN/65/A	301	03/11/95
77-24	77,000	2180	A4/EN/77/A	302	18/03/96
90-24	90,000	2548	A4/EN/90/A	303	18/03/96
105-24	105,000	2973	A4/EN/105/A	304	13/10/95
120-24	120,000	3398	A4/EN/120/A	305	17/12/95
140-24	140,000	3964	A4/EN/140/A	306	07/01/96
160-24	160,000	4530	A4/EN/160/A	307	03/09/96
180-24	180,000	5097	A4/EN/180/A	308	12/12/95
200-24	200,000	5663	A4/EN/200/A	309	03/11/95
220-24	220,000	6230	A4/EN/220/A	313	24/06/96
240-24	240,000	6796	A4/EN/240/A	314	23/04/98
260-24	260,000	7363	A4/EN/260/A	315	23/04/98
317-24	317,000	7929	A4/EN/317/A	318	10/05/99

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.

Balloon Type	Maximum Weight (Kg)	Balloon Type	Maximum Weight (Kg)
31-24	310	56-24	560
65-24	650	77-24	750
90-24	900	105-24	1050
120-24	1200	140-24	1330
160-24	1440	180-24	1620
200-24	1800	220-24	1980
240-24	2160	260-24	2340
317-24	2700		

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-L for continued airworthiness. See note 1.

Certification basis British Civil Airworthiness Requirements, Part 31, issued dated 31/08/84, Appendix 1 to CAA letter ref 9/30/IPA dated 27/02/89.

Airworthiness Categories UK: Private, Aerial work, Transport (passenger)

Flight manual Sky Hot Air Balloon Flight Manual at latest 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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