UNITED KINGDOM
CIVIL AVIATION AUTHORITY

BB 12
Issue 4
April 2002
Type CAMERON BALLOONS
Models A-105, A-120, A-140, A-160, A-180, A-200, A-210, A-250, A-275, A-300, A-315, A-340, A-340HL, A-375, A-400, A-415, A-530

TYPE CERTIFICATE DATA SHEET NO. BB 12

This data sheet, which is part of CAA Type Certificate No. BB12, prescribes conditions and limitations under which the product for which the Type Certificate was issued meets the airworthiness requirements of the Civil Aviation Authority.

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

MANUFACTURER: Cameron Balloons Ltd.

Models: A-105, A-120, A-140, A-160, A-180, A-200, A-210, A-250, A-275, A-300, A-315, A-340, A-340HL, A-375, A-400, A-415, A-530 Hot Air Balloons

Envelope	Volume		Drawing	Build Standard Refer to Flight Manual	Date Approved
	cu.ft	cu.m			
A-105	105 000	2970	CB 115	CBL/TN/DCB/376	16-5-73
A-120	120 000	3400	CB 617	CBL/TN/BEB/409	24-6-88
A-140	140 000	3970	CB 105	CBL/TN/BEB/350	14-9-72
A-160	160 000	4530	CB 653	CBL/TN/BEB/329	7-11-88
A-180	180 000	5100	CB 692	CBL/TN/BEB/352	18-8-89
A-200	200 000	5664	CB 1199	CBL/TN/BEB/1284	10-4-97
A-210	210 000	5950	CB 199	CBL/TN/DCB/390	25-1-84
A-250	250 000	7080	CB 463	CBL/TN/BEB/642	14-5-86
A-275	275 000	7788	CB 1147	CBL/TN/BEB/1115	19-4-96
A-300	300 000	8500	CB 603	CBL/TN/BEB/549	11-8-88
A-315	315 000	8921	CB 1028	CBL/TN/BEB/958	12-8-93
A-340	340 000	9629	CB 1166	CBL/TN/BEB/1118	19-5-96
A-340HL	340 000	9629	CB 1148	CBL/TN/BEB/1477	8-4-98
A-375	375 000	10620	CB 761	CBL/TN/BEB/1294	8-6-90
A-400	400 000	11328	CB 1248	CBL/TN/BEB/1439	23-10-97
A-415	415 000	11753	CB 1311	CBL/TN/BEB/1738	25-1-99
A-530	530 000	15010	CB 197	CBL/TN/BEB/2194	16-4-02

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, four for quadruple 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)
A-105	953	A-300	2722
A-120	1089	A-315	2858
A-140	1270	A-340	2858
A-160	1451	A-340 HL	3084
A-180	1633	A-375	3402
A-200	1818	A-400	3629
A-210	1905	A-415	3764
A-250	2268	A-530	4808
A-275	2495		

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-S 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 Cameron Hot Air Balloon Flight Manual, Issue 8.

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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