UNITED KINGDOM
CIVIL AVIATION AUTHORITY

BB 25
Issue 1
Date: September 2002
Type CAMERON BALLOONS
Models R-77, R-90, R-200, R-210, R-270

TYPE CERTIFICATE DATA SHEET NO. BB 25

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 R-77, R-90, R-200, R-210, R-270 Helium/Hot Air Combination ('Rozier') Balloons.

Envelope	Helium Volume		Drawing	Build Standard Refer to Flight Manual	Date Approved
	cu.ft	cu.m			
R- 77	77 000	2181	CB973	CB402	18-08-92
R- 90	90 000	2549	CB1411	CB402	24-07-02
R-200	200 000	5664	CB1153	CB402	02-02-96
R-210	210 000	5947	CB1193	CB402	11-12-96
R-270	270 000	7646	CB1261	CB402	20-11-97

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 5.

Balloon Type	Maximum weight (kg)	Balloon Type	Maximum weight (kg)
R- 77	2270	R-210	4644
R- 90	2654	R-270	5026
R-200	4423		

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 CBL/TN/DAC/19 for continued airworthiness. See note 1.

Certification basis All models to British Civil Airworthiness Requirements, Part 31, issue dated 31/8/84.

Airworthiness Categories UK: Private, Aerial work

Flight manual Cameron Balloons Ltd. Flight Manual R-Type Balloons, Issue C.

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.

- END -