

United States of America
Department of Transportation -- Federal Aviation Administration
Supplemental Type Certificate

Number SB00975NY

This certificate issued to AEROSTAT ENVELOPES, INC.
181-21 ABERDEEN ROAD
JAMAICA, NY 11432

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 31 of the Federal Aviation Regulations.

Original Product -- Type Certificate Number : B1GL

Make : Cameron Balloons

Model : O-56, O-65, O-77, O-84, O-105, CAN-56

Description of Type Design Change:

Installation of Aerostat Envelopes Model W-100-5 Replacement Envelope (4 Point Attachment System), in accordance with Aerostat Envelopes, Inc. Report No. 1142, dated December 26, 1997, for Cameron Balloon Models O-56, O-65, O-77, O-84, O-105, CAN-56, installed with Cameron Burner CB391, or CBUS391, or CB392, or CBUS392.

Limitations and Conditions :

1) Aerostat Envelopes, Inc., Supplemental Maintenance Manual and Instructions For Continued Airworthiness, Report No. 1089, dated February 10, 1994, is required with this STC.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application : March 11, 1998

Date reissued :

Date of issuance : June 4, 1999

Date amended : July 16, 1999



By direction of the Administrator

(Signature)

Vito A. Pulera
Manager,
New York Aircraft Certification Office

(Title)

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Supplemental Type Certificate
(Continuation Sheet)

Number SB00975NY

Date of issuance: June 4, 1999

Date amended: July 16, 1999

Limitations and Continued: (Continued)

2) The following Aerostat Envelopes, Inc. Flight Manual Supplements for Cameron Balloons are required when modified by the installation of Aerostat Envelopes model W-100-5 replacement envelope:

- a. Aerostat Envelopes, Inc., Aircraft Flight Manual Supplement, Report No. 1143 for Cameron Balloon Model O-56, FAA approved June 4, 1999, and amended July 16, 1999.
- b. Aerostat Envelopes, Inc., Aircraft Flight Manual Supplement, Report No. 1144 for Cameron Balloon Model O-65, FAA approved June 4, 1999, and amended July 16, 1999.
- c. Aerostat Envelopes, Inc., Aircraft Flight Manual Supplement, Report No. 1145 for Cameron Balloon Model O-77, FAA approved June 4, 1999, and amended July 16, 1999.
- d. Aerostat Envelopes, Inc., Aircraft Flight Manual Supplement, Report No. 1146 for Cameron Balloon Model O-84, FAA approved June 4, 1999, and amended July 16, 1999.
- e. Aerostat Envelopes, Inc., Aircraft Flight Manual Supplement, Report No. 1147 for Cameron Balloon Model O-105, FAA approved June 4, 1999, and amended July 16, 1999.
- f. Aerostat Envelopes, Inc., Aircraft Flight Manual Supplement, Report No. 1148 for Cameron Balloon Model CAN-56, FAA approved June 4, 1999, and amended July 16, 1999.

3) Cameron Balloon Models O-56, O-65, O-77, O-84, O-105, or CAN-56 Hot Air Balloon gross weight is not to exceed 1650 lbs., when the Aerostat Model W-100-5 Replacement Envelope is installed.

4) The maximum continuous envelope temperature is 250° F. An envelope temperature of 250° F – 275° F may be maintained for no more than 10 consecutive minutes during any two hour period, never to exceed 275° F.

5) The removal of the original equipment manufacturer Aircraft Data Plate and its reinstallation on the replacement envelopes are required and are to be done in accordance with Aerostat Envelopes Inc., Report No. 1090B, dated April 9, 1996.

6) This approval should not be incorporated in any of the above listed Hot Air Balloon models on which other approved modifications are incorporated, unless it is determined that the interrelationship between this change and any of those previously incorporated approved modifications will not introduce any adverse effect upon the airworthiness of the Hot Air Balloon.

7) If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.