

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

Number SB04090CH

This certificate issued to Red Baron Balloon Corp LLC
P.O. Box 245
Oregonia, OH 45054

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. (See Type Certificate Data Sheet No. B3GL for complete certification basis)

Original Product -- Type Certificate Number : B3GL
Make : Cameron Balloons US
Model : Sphere-90, S/N 10560

Description of Type Design Change: Replace the Cameron Balloons US Basket/Burner system with the Lindstrand Balloons Ltd Basket, Part Number BA-006-A-001, S/N 1070; the Lindstrand Balloons Ltd Burner, Part Number BU-008-A-001, S/N BU732. Replace the Cameron Balloons US fuel tanks with the Lindstrand Balloons Ltd Fuel Tanks, Part Number CY-030-A-001, S/Ns 1300, 1301, 1361, and 1362. The Lindstrand Balloons Ltd Basket/Burner is installed in the same manner as the Cameron Balloons US Basket/Burner.

Limitations and Conditions:

1. FAA Approved Balloon Flight Manual Supplement dated May 18, 2016, is required. 2. This modified balloon is to be maintained in accordance with the latest revision of the Instructions for Continued Airworthiness (ICA) from Cameron Balloons US (Envelope) and Lindstrand Balloons Ltd (Basket, Burner, and Fuel Tanks) 3. You cannot use descriptive data about this design change to duplicate other products. This approval is limited to only the installation made in Cameron Balloons US Model Sphere-90, Serial No. 10560. This STC does not permit manufacturing of parts for multiple installations.

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 : January 12, 2016

Date reissued :

Date of issuance : May 25, 2016

Date amended :



By direction of the Administrator

Original signed by:
Gregory J. Michalik

(Signature)

Karol Mordasiewicz
Manager, Airframe & Administrative Branch
Chicago Aircraft Certification Office

(Title)

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Supplemental Type Certificate
(Continuation Sheet)

Number