

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

*Number* SB03160CH

*This certificate issued to* John T. Moran, dba,  
Falcon's Nest Repair Station  
5303 Kingsville Road  
Cortland, OH 44410

*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. B04CE for complete certification basis)

*Original Product - - Type Certificate Number :* B04CE  
*Make :* Balony Kubicek  
*Model :* BB51Z, S/N 863

*Description of Type Design Change:* Replace the Balony Kubicek Basket/Burner system with the Thunder & Colt Basket P/N 6087, S/N 664; Thunder & Colt Burner P/N Stratus, S/Ns 0526 and 3556. Replace the Balony Kubicek fuel tanks with the Thunder and Colt P/N V30 fuel tanks, S/Ns V30-777, V30-776, V30-1218, and V30-759. The Cameron Balloons Basket/Burner is installed via the standard Balony Kubicek carabiner (snaplink) attachments in accordance with Balony Kubicek Drawing No. STC-04, dated April 8, 2010.

*Limitations and Conditions :*

1. FAA Approved Balloon Flight Manual Supplement dated October 9, 2012, is required. 2. This modified balloon is to be maintained in accordance with the latest revision of the Instructions for Continued Airworthiness (ICA) from Balony Kubicek (Envelope), and Thunder and Colt (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 Balony Kubicek Model BB51Z, Serial No. 863. 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 :* September 23, 2012

*Date reissued :*

*Date of issuance :* October 09, 2012

*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*