

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

*Number* SB04068CH

*This certificate issued to* Gary Sines  
603 N. Henry Clay  
Ashland, MO 65010

*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 :* BB22Z, S/N 1223

*Description of Type Design Change:* Replace the Balony Kubicek Basket/Burner system and fuel tanks with the FireFly (Balloon Works) Basket Model 4.5 A-1, S/N 901; the FireFly (Balloon Works) Burner Model F-1 (S/N 545); and FireFly (Balloon Works) fuel tanks, S/Ns 30703J, 32892J, 32839J and 15689J. The Balloonworks (FireFly) Basket/Burner is installed via the standard Balony Kubicek carabiner (snaplink) attachments as specified in the FAA Approved Balloon Flight Manual Supplement dated March 9, 2016.

*Limitations and Conditions:*

1. FAA Approved Balloon Flight Manual Supplement dated March 9, 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 Balony Kubicek (Envelope) and FireFly (Balloon Works) (Basket, Burner, 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 BB22Z, Serial No. 1223. 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 :* February 21, 2016

*Date of issuance :* March 09, 2016

*Date reissued :*

*Original signed by:*  
*Date as:* Gregory J. Michalik

*By direction of the Administrator*



(Signature)

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

(Title)

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**Supplemental Type Certificate**  
(Continuation Sheet)

*Number*