

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

Number SB04019CH

This certificate issued to Todd Davis
1137 Little Creek Road
Chester, MD 21619

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 : BB34Z, S/N 1169

Description of Type Design Change: Replace the Balony Kubicek Basket/Burner system and fuel tanks with the FireFly (Balloon Works) Basket Model 4.9 A-1, S/N 531; the FireFly (Balloon Works) Burner Model F-1, S/N 810 and 358, and Burner Model T3-017, S/N 552; and FireFly (Balloon Works) fuel tanks, P/N 3229-1G (S/N J155078JS), P/N 3035-2F (S/Ns TG015951 and G186606), P/N C3229AF (S/N 58992J), and P/N C3035S (S/Ns 60407J, 60310J, and 27834J). The Balloon Works (FireFly) Basket/Burner is installed via the standard Balony Kubicek carabiner (snaplink) attachments as specified in the FAA Approved Balloon Flight Manual Supplement dated August 28, 2015.

Limitations and Conditions:

1. FAA Approved Balloon Flight Manual Supplement dated August 28, 2015, 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 BB34Z, Serial No. 1169. 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 : June 18, 2015

Date of issuance : August 28, 2015

Date re Original signed by:
Gregory J. Michalik

Date amended :



By direction of the Administrator

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

(Title)

United States of America
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Supplemental Type Certificate
(Continuation Sheet)

Number