

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

*Number* SB02849CH

*This certificate issued to* Jeffrey D. Shields  
4230 SE. King Road, #150  
Milwaukie, OR 97222

*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. B82EU for complete certification basis)

*Original Product - - Type Certificate Number :* B82EU  
*Make :* Lindstrand Balloons Ltd  
*Model :* 105A, S/N 5467

*Description of Type Design Change:* Replace the Lindstrand Balloons Ltd Basket/Burner system with the Aerostar International Basket, Part Number 51620, S/N CWS-3121, and the Aerostar International Burner, Part Number 52350, S/N HP3D-3245. Replace the Lindstrand Balloons Ltd fuel tanks with the Aerostar International Model V-18 Fuel Tanks, Part Number 53037, S/N 96018 and Model H-20 Fuel Tanks, Part Number 07752, S/Ns 4251 and 4254. The Aerostar International Basket/Burner is installed via the standard Lindstrand Balloons carabiner (snaplink) attachments.

*Limitations and Conditions:*

1. FAA Approved Balloon Flight Manual Supplement dated June 14, 2010, is required. 2. Maximum Gross Weight is limited to 1,800 lbs. 3. This modified balloon is to be maintained in accordance with the latest revision of the Instructions for Continued Airworthiness (ICA) from Lindstrand Balloons Ltd (Envelope) and Aerostar International (Basket, Burner, Fuel Tanks). 4. Descriptive data pertaining to this design change are considered inadequate for duplication in other products. This approval is limited to only the installation made in Lindstrand Balloons Ltd Model 105A, Serial No. 5467.

*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 :* May 27, 2010

*Date reissued :*

*Date of issuance :* June 14, 2010

*Date amended :*



*By direction of the Administrator*

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

(Signature)

Gregory J. Michalik, Senior Aerospace Engineer  
Airframe & Administrative Branch  
Chicago Aircraft Certification Office

(Title)

United States of America  
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**Supplemental Type Certificate**  
(Continuation Sheet)

*Number*