

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

Number SB02035AT

This certificate issued to JR Aerosports, Ltd.
850 Meacham Road
Statesville, NC 28677

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.

Original Product - Type Certificate Number : A14SO

Make : JR Aerosports, Ltd. (Sundance Balloons (US)) (Dawson Property Group LLC) (Balloon Works)

Model : Firefly TV-180

Description of Type Design Change: Installation of Cameron Balloons CB310-4A carriage under Dawson Properties Group LLC (Balloon Works) Firefly TV-180 envelope in accordance with The Balloon Works Drawing Number A216, Revision C, (ECO 2066), dated November 16, 1999, or later FAA approved revision.

Limitations and Conditions: This approval should not be extended to other balloons of this model on which other previously approved modifications are incorporated, unless it is determined by the installer that the interrelationship between this change and any other previously approved modifications will produce no adverse effect upon the airworthiness of that balloon. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

(See continuation sheet 2 of 2)

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 : November 2, 1999

Date of issuance : November 16, 1999

Date reissued : June 24, 2005 (Reissued to Dawson Property Group LLC); June 29, 2006 (Reissued to Sundance Balloons (US)); August 11, 2009 (address change); September 16, 2010 (Reissued to JR Aerosports, Ltd.)

Date amended :



By direction of the Administrator

Melvin D. Taylor
(Signature)

Melvin D. Taylor
Manager, Atlanta Aircraft Certification Office

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

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Supplemental Type Certificate
(Continuation Sheet)

Number SB02035AT

Date of Issuance: November 16, 1999

Date reissued: June 24, 2005 (Reissued to Dawson Property Group LLC); June 29, 2006 (Reissued to Sundance Balloons (US));
August 11, 2009 (address change); September 16, 2010 (Reissued to JR Aerosports, Ltd.)

Limitations and Conditions (Continued):

The carriage assembly is considered to include the basket, burner, fuel system, instruments and associated hardware.

This STC applies only to Cameron carriage serial number TB 113.

This STC is limited to the Cameron CB310-4A carriage assembly with Flexi-Rigid systems. The nylon rods must always be installed for flight.

An FAA approved Balloon Flight Manual Supplement dated November 16, 1999, or a later FAA approved revision, is a required part of this STC.

The maintenance and determination of airworthiness of the carriage assembly must be in accordance with the Cameron Maintenance Instructions.

The maintenance and determination of airworthiness of the envelope must be in accordance with the Balloon Works, Inc. Maintenance and Repair Manual.

Any service bulletin or airworthiness directive issued by Cameron Balloons US which involves any part used on this balloon shall be considered mandatory for compliance on this balloon according to the same terms that it is required for compliance on a Cameron Balloons US balloon. Cameron Balloons US airworthiness directives and service bulletins applying to the envelope are not applicable to this balloon.

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