

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

Number SL2263SO

This certificate issued to Head Balloons
P.O. Box 28
Helen, GA 30545

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: A29SO

Make: Head Balloons

Model: AX7 -77, AX7 -77b; AX8-88,
AX8-88b; AX8 -105, AX8 -105, AX9 -118

Description of Type Design Change:

Installation of Aerostar (Raven) Models CW, CW-S, CW-AFX, W, RW, RWS, RWSW, RWSW-AFX, and G basket and burner systems in accordance with Head Balloons Drawing No. R-1b, revised April 10, 1993; No. R2b, revised April 10, 1993; No. R-3a dated September 16, 1991; No. R-4 dated April 10, 1993; No. R-5b dated October 10, 2005, and No. R-6 dated August 14, 2008, or later FAA approved revisions.

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.
(Continued on page 2)

(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: September 22, 1987

Date reissued: October 02, 1991

Date of issuance: February 23, 1988

Date amended: May 07, 1993; August 21, 2008



By direction of the Administrator

Bruce N. Remick

(Signature)

Melvin D. Taylor
Manager
Atlanta Small Aircraft Certification Office

(Title)

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Regional Office of the transfer of this Supplemental Type Certificate.
The FAA will reissue the certificate in the name of the transferee and forward it to him.

TRANSFER ENDORSEMENT

Transfer the ownership of Supplemental Type Certificate Number _____

to (Name of transferee) _____

(Address of transferee) _____

(Number and street)

(City, State, and ZIP code)

from (Name of grantor) (Print or type) _____

(Address of grantor) _____

(Number and street)

(City, State, and ZIP code)

Extent of Authority (if licensing agreement): _____

Date of Transfer: _____

Signature of grantor (In ink): _____

United States of America
Department of Transportation - Federal Aviation Administration
Supplemental Type Certificate
(Continuation Sheet)

Number SL2263SO

Date of Issuance: February 23, 1988

Date Amended: August 21, 2008

Limitations and Conditions (Continued):

An FAA approved dual burner system is required when the Aerostar Model W or Model G basket is installed on any AX7-77, AX7-77b, AX8-88, or AX8-88b envelopes, or when the Model W basket is installed on the AS8-105 or AX9-118 envelopes.

Balloon Flight Manual Supplements dated May 7, 1993, are required parts of this STC for installation of the Aerostar Model CW, W, RW, and G baskets on Head Balloons envelopes AX7-77b and AX8-88b. Balloon Flight Manual Supplements dated October 2, 1991, are required parts of this STC for installation of the Model W basket on Head Balloons envelopes AX8-105 and AX9-118. Balloon Flight Manual Supplements dated February 25, 1988, are required parts of this STC for all other approved combinations of the AX7-77, AX8-88, AX8-105 and AX9-118 envelopes with Model CW, W, RW and G baskets.

The maintenance and determination of airworthiness of the envelope must be in accordance with the Head Balloons, Inc. Maintenance Manual.

The Maintenance and determination of airworthiness of the basket, burner, instruments and fuel tanks must be in accordance with Aerostar Instructions for Continued Airworthiness.

Date of Issuance: February 23, 1988

Date Reissued: October 2, 1991

Date Amended: May 7, 1993, August 21, 2008