



U.S. Department
of Transportation

**Federal Aviation
Administration**

Small Airplane Directorate
Aircraft Certification Office
1895 Phoenix Boulevard
One Crown Center, Suite 450
Atlanta, Georgia 30349

APR 6 2004

Bill Culberson
Star Aviation Inc.
2150 Michigan Avenue
Mobile, AL 36615

Dear Mr. Culberson;

We have completed our evaluation of your Amended Supplemental Type Certificate (ASTC) project, FAA Project Number SA7165AT-T, and find that you have satisfactorily demonstrated compliance with the applicable certification regulations. Accordingly, we have enclosed Amended STC ST02642AT, which indicates our approval of the installation of a RVSM Air Data System and operation of RVSM. See attached FAA Approved Model List for a list of approved airplane models.

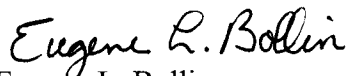
This STC is official Federal Aviation Administration (FAA) approval of your modification and may be used to authorize identical modifications on other aircraft of the same model, subject to the limitations noted on the certificate. It may be transferred or otherwise made available to another party by means of a licensee arrangement in accordance with Federal Aviation Regulation (FAR) 21.47. 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. You are required to advise this office within 30 days after the transfer when you transfer or grant licensee rights to the STC in order that we may take the necessary recording or reissuance action.

As recipient of this approval, except as provided in FAR 21.3(d), you are required to report any failure, malfunction, or defect in any product or part manufactured by you that you have determined has resulted or could result in any of the occurrences listed in FAR 21.3(c). The report should be communicated initially by telephone to the Manager, Atlanta Aircraft Certification Office, telephone number (770)-703-6035, within 24 hours after it has been determined that the failure has occurred. In addition, written notification to the Certification Office, at the above address is required. FAA Form 8010-4 (Malfunction or Defect Report) or any other appropriate format is acceptable in transmitting the required details.

If you plan to manufacture replacement or modification parts for sale in conformance with approved data listed on the Certificate, you are required to comply with FAR 21.303. A Parts Manufacturer Approval (PMA) may be issued under the provisions of FAR 21.303(d) when

you submit a statement certifying you have established the fabrication inspection system as required by FAR 21.303(h). The identification requirements for parts produced under a PMA are in FAR 45.15. Your statement may be in letter form, with reference to STC ST02642AT, and should be addressed to the Federal Aviation Administration, Small Airplane Directorate, Attention: Manager, Atlanta Manufacturing Inspection District Office, 1895 Phoenix Blvd., Ste. 475, Atlanta, GA 30349.

Sincerely,



Eugene L. Bollin
Associate Manager, ACE116A
Atlanta Aircraft Certification Office

Enclosure

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

Number ST02642AT

This certificate issued to Star Aviation Inc.
2150 Michigan Avenue
Mobile, AL 36615

It is found 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 25 of the Federal Aviation Regulations.

Original Product -- Type Certificate Number : See attached
Make : FAA Approved Model List (AML)
Model : Document R-34-Y29-0155

Description of Type Design Change: Installation of a RVSM Air Data System in accordance with Star Aviation Inc. Master Data List R-23-Y29-0141, Revision D, dated March 14, 2003 or later FAA approved revision and operation of RVSM in accordance with Star Aviation Inc. Master Data List R-34-Y29-0193, Revision C, dated September 15, 2003 or Master Data List R-34-0221 Rev. B dated March 26, 2004 or later FAA approved revision.

Limitations and Conditions: This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated, unless it is determine 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 airplane. 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. The appropriate FAA approved Airplane Flight Manual Supplement for RVSM Air Data System is a required part of this STC.

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 11, 2002

Date reissued :

Date of issuance : March 17, 2003

Date amended : October 1, 2003, April 6, 2004



By direction of the Administrator

Eugene L. Bollin
(Signature)

Eugene L. Bollin
Associate Manager, ACE-116A
Atlanta Aircraft Certification Office

(Title)