



U.S. Department
of Transportation
**Federal Aviation
Administration**

Aircraft Certification Service
Small Airplane Directorate
Anchorage Aircraft Certification Office
222 W. 7th Ave, #14
Anchorage, AK 99513-7587

May 2, 2014

Mr. Steve Kracke
F. Atlee Dodge Aircraft Services, LLC
6672 Wes Way
Anchorage, AK 99518

Subject: Supplemental Type Certificate (STC) Application

Dear Mr. Kracke:

We have completed our evaluation of your STC Project Number ST01486AK-A, and find that you have satisfactorily demonstrated compliance with the applicable certification regulations. We have enclosed STC SA02433AK, dated May 2, 2014, indicating our approval of the installation of F. Atlee Dodge Oversize Rudders and Elevators on Piper PA-12, PA-14, PA-18, and PA-19 aircraft.

This STC is official Federal Aviation Administration (FAA) approval for your installation and may be used to authorize identical installations 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 Title 14, Code of Federal Regulations (14 CFR) section 21.47. You are requested 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.

If you agree to permit another person to use this STC to alter the product, it is your responsibility to give the other person written evidence of that permission in the form of a "permission statement." This permission statement should contain the agreement specifying the product to be altered, the STC number, and the person who is being given the consent to use the STC. As the recipient of this approval, except as provided in 14 CFR § 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 14 CFR § 21.3(c). The report should be communicated initially by telephone to the Manager, Anchorage Aircraft Certification Office, telephone number (907) 271-2668, within 24 hours after it has been determined that the failure has occurred. In addition, written notification to the Manager, Anchorage Aircraft Certification Office, at the above address is required.

Finally, I would like to personally congratulate you on your success as an FAA approval holder and say that I look forward to working with you in the future.

Sincerely,

August A. Asay
Manager, Anchorage Aircraft Certification Office

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

Number SA02433AK

This certificate issued to F. Atlee Dodge Aircraft Services, LLC
6672 Wes Way
Anchorage, AK 99518

certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part 3 of the Civil Air Regulations.

Original Product – Type Certificate Number: * Refer to FAA Approved Model List (AML)
Make: AML-8038, dated May 2, 2014, or later FAA
Model: approved revision, for list of approved airplane models and applicable airworthiness regulations.

Description of Type Design Change:

Installation of F. Atlee Dodge Oversize rudder and/or elevators in accordance with F. Atlee Dodge Aircraft Services, LLC, Master Data List MDL-8038, Rev A, dated October 01, 2013 or later FAA approved revision.

Limitations and Conditions:

1. This type design approval for oversize elevators is limited to airplanes that are equipped with a PA-18 style horizontal tail in accordance with FAA approved data (see AML).
2. The installer must determine whether this design change is compatible with previously approved modifications.
3. 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.

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: July 26, 2011,
Date of issuance: May 2, 2014

Date reissued:
Date amended:



In direction of the Administrator

August A. Asay

(Signature)

August A. Asay
Manager, Anchorage Aircraft Certification Office

(Title)



F. Atlee Dodge Aircraft Services, LLC

6672 Wes Way * Anchorage, Alaska 99518

Phone: (907) 344-1755 * Fax: (907) 344-6720

atleedodge@acsalaska.net ~ www.fadodge.com

FAA APPROVED MODEL LIST (AML)

for STC# SA02433AK

Installation of Oversize Rudder and/or Elevators on
Piper PA-18 Super Cub and Variants

Piper (or present Holder) Model Numbers	TCDS	Certification Basis	Required FAA Approved Data	Required FAA Approval for PA-18 style horizontal tail:
Piper PA-18, PA18S, PA-18 '105' (Special), PA-18S '105' (Special), PA-18A, PA-18 '125' (Army L-21A) PA-18S "125", PA-18AS "125", PA-18 '135' (Army L-21B), PA-18A '135', PA-18S '135', PA-18AS '135', PA-18 '150', PA-18A '150', PA-18S '150', PA-18AS '150', PA-19 (Army L-18C) PA-19S	1A2	CAR Part 3	Installation Instructions: II-8038 Instructions for Continued Airworthiness: ICA-8038 Additional Documents: (None)	N/A
(FS2002 Corp) PA-14	A-797	CAR Part 3	Installation Instructions: II-8038 Instructions for Continued Airworthiness: ICA-8038 Additional Documents: (None)	STC SA5-33
(FS2003 Corp) PA-12, PS-12S	A-780	CAR Part 3	Installation Instructions: II-8038 Instructions for Continued Airworthiness: ICA-8038 Additional Documents: (None)	STC SA5-33