

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

Number SA00406W1

This certificate, issued to
Air Metal Fabricators
P.O. Box 308
Pateros, WA 98846

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified herein meets the airworthiness requirements of Part 21 of the Regulations.

Original Product—Type Certificate Number:
Make: _____
Model: _____

*See attached FAA Approved Model List (AML)
No. SA00406W1 for list of approved airplane models and applicable airworthiness regulations

Description of the Type Design Change: Installation of replacement flap trailing edge bulbs with ACG Drawing and Installation Instructions 1094001, Revision D, dated April 16, 1998, or later FAA approved revision.

Limitations and Conditions: Approval of this change in type design applies to the above model aircraft only. This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated unless it is determined that the relationship between this change and any of those other previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of that aircraft. A copy of this certificate and FAA Approved Model List (AML) No. SA00406W1 must be maintained as part of the permanent records for the modified aircraft.

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: November 9, 1994
Date of issuance: February 12, 1996

Date received: April 18, 1996
Date amended: April 30, 1998

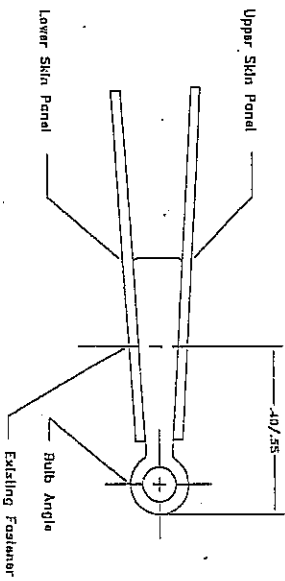


By direction of the Administrator
William J. Roper
Acting Manager, Seattle Aircraft
Certification Office
(This)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.
This certificate may be transferred in accordance with FAR 21.47.

FAA Form 0110-2(10-80)

- Instructions for Original Installation:**
1. Locate Trailing Edge Bulb Angle as shown.
 2. Bolt length not with existing fastener locations in skin panels.
 3. Skin length not with existing skin panels.
 4. Smooth and break sharp edges per MIL-C-5541.
 5. Optional: Use: Aloxide per MIL-C-5541.
 6. Install same type fasteners at existing locations per AC43.13-1A.



1094001-795, -116 Installation

Instructions for Replacement Installation:

1. Replace Trailing Edge Bulb Angle per AC43.13-1A.
2. Replace Fastener per AC43.13-1A.
3. Replace Skin Panel per AC43.13-1A.

NOTE: Sheet 1 of 2 not required for installation.

REV	DESCRIPTION	DATE	APPROVED
1	Issue	4/18/96	JRC

1094001-795	1094001-116
1094001-795	1094001-116

FAA APPROVED MODEL LIST (AML) NO. SA00406W1
AIR METAL FABRICATORS
FOR
FLAP TRAILING EDGE REPLACEMENT

ITEM	AIRCRAFT MAKE	AIRCRAFT MODEL	ORIGINAL TYPE CERTIFICATE NUMBER	CORRECTION BASIS FOR ALTERATION	FAA APPROVED INSTRUCTIONS AND DRAWING	DATE	AML AMENDMENT DATE
1.	CESSNA	150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150I, 150J, 150K, 150L, 150M, 150N, 150O, 150P, 150Q, 150R, 150S, 150T, 150U, 150V, 150W, 150X, 150Y, 150Z	3A19	CAR 3, dated May 15, 1956	10094001 sheets 1 & 2	Revision D, dated April 16, 1998, or later FAA approved revision	April 30, 1998
2.	CESSNA	152, A152	3A19	CAR 3, dated May 15, 1956	10094001 sheets 1 & 2	Revision D, dated April 16, 1998, or later FAA approved revision	April 30, 1998
3.	CESSNA	170, 170A, 170B	A-799	CAR 3, dated December 12, 1946, amended by 3-12	10094001 sheets 1 & 2	Revision D, dated April 16, 1998, or later FAA approved revision	April 30, 1998
4.	CESSNA	172, 172A, 172B, 172C, 172D, 172E, 172F, 172G, 172H, 172I, 172J, 172K, 172L, 172M, 172N, 172O, 172P, 172Q, 172R, 172S, 172T, 172U, 172V, 172W, 172X, 172Y, 172Z	3A12	CAR 3, dated November 1, 1949, amended by 3-1 Through 3-12	10094001 sheets 1 & 2	Revision D, dated April 16, 1998, or later FAA approved revision	September 9, 1999
5.	CESSNA	175, 175A, 175B, 175C, 175D, 175E, 175F, 175G, 175H, 175I, 175J, 175K, 175L, 175M, 175N, 175O, 175P, 175Q, 175R, 175S, 175T, 175U, 175V, 175W, 175X, 175Y, 175Z	3A12	CAR 3, dated Aug 15, 1956	10094001 sheets 1 & 2	Revision D, dated April 16, 1998, or later FAA approved revision	September 9, 1999
6.	CESSNA	180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180I, 180J, 180K, 180L, 180M, 180N, 180O, 180P, 180Q, 180R, 180S, 180T, 180U, 180V, 180W, 180X, 180Y, 180Z	3A16	CAR 3, dated May 15, 1956	10094001 sheets 1 & 2	Revision D, dated April 16, 1998, or later FAA approved revision	September 9, 1999
7.	CESSNA	182, 182A, 182B, 182C, 182D, 182E, 182F, 182G, 182H, 182I, 182J, 182K, 182L, 182M, 182N, 182O, 182P, 182Q, 182R, 182S, 182T, 182U, 182V, 182W, 182X, 182Y, 182Z	3A13	CAR 3, dated May 15, 1956	10094001 sheets 1 & 2	Revision D, dated April 16, 1998, or later FAA approved revision	September 9, 1999

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FOR
FLAP TRAILING EDGE REPLACEMENT

ITEM	AIRCRAFT MAKE	AIRCRAFT MODEL	ORIGINAL TYPE CERTIFICATE NUMBER	CORRECTION BASIS FOR ALTERATION	FAA APPROVED INSTRUCTIONS AND DRAWING	DATE	AML AMENDMENT DATE
8.	CESSNA	185, 185A, 185B, 185C, 185D, 185E, 185F, 185G, 185H, 185I, 185J, 185K, 185L, 185M, 185N, 185O, 185P, 185Q, 185R, 185S, 185T, 185U, 185V, 185W, 185X, 185Y, 185Z	3A16	CAR 3, dated May 15, 1956, amended by 3-1 Through 3-5	10094001 sheets 1 & 2	Revision D, dated April 16, 1998, or later FAA approved revision	September 9, 1999
9.	CESSNA	188, 188A, 188B, 188C, 188D, 188E, 188F, 188G, 188H, 188I, 188J, 188K, 188L, 188M, 188N, 188O, 188P, 188Q, 188R, 188S, 188T, 188U, 188V, 188W, 188X, 188Y, 188Z	ADCE	CAR 3, dated February 1, 1965	10094001 sheets 1 & 2	Revision D, dated April 16, 1998, or later FAA approved revision	September 9, 1999
10.	CESSNA	306, 306A, 306B, 306C, 306D, 306E, 306F, 306G, 306H, 306I, 306J, 306K, 306L, 306M, 306N, 306O, 306P, 306Q, 306R, 306S, 306T, 306U, 306V, 306W, 306X, 306Y, 306Z	ADCE	CAR 3, dated May 15, 1956, amended by 3-1 Through 3-5	10094001 sheets 1 & 2	Revision D, dated April 16, 1998, or later FAA approved revision	September 9, 1999
11.	CESSNA	207, 207A, 207B, 207C, 207D, 207E, 207F, 207G, 207H, 207I, 207J, 207K, 207L, 207M, 207N, 207O, 207P, 207Q, 207R, 207S, 207T, 207U, 207V, 207W, 207X, 207Y, 207Z	ADCE	CAR 3, dated February 1, 1965	10094001 sheets 1 & 2	Revision D, dated April 16, 1998, or later FAA approved revision	September 9, 1999

AMENDED DATE: SEPTEMBER 9, 1999
FAA Approved
Acting Manager, Seattle Aircraft
Certification Office