



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number: SA00146LA

This certificate issued to: Aero Spraying Service Inc.
48901 Hwy 93 #196
Polson, MT 59860

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 23 of the Federal Aviation Regulations.

Original Product – Type Certificate Number: Make: Cessna Aircraft Corporation
A9CE (Restricted Category) Model: 188B, A188B, T188C

Description of Type Design Change:

1. Installation of Winglets in accordance with FAA approved AG-TIPS Master Drawing List (MDL) 445-00, Rev. C, dated January 23, 1996, or later FAA approved revision.
2. AG-TIPS FAA approved Pilot's Operating Handbook Airplane Flight Manual Supplement No. 188.12 and Supplemental Airplane Flight Manual, dated January 5, 1996, or later FAA approved revision, is required as part of this installation.

Limitations and Conditions:

1. The installer must determine whether this design change is compatible with previously approved modifications.
2. If the holder agrees to permit another person to use this certificate to alter a product, the holder must give the other person written evidence of that permission.

(See Limitations and Conditions continued on Page 3 of 3)

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, and revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of Application: December 19, 1995

Date Reissued: January 23, 1997, February 22, 2014

Date of Issuance: February 1, 1996

Date Amended:

By Direction of the Administrator

Signature _____

Title Gaetano Sciortino
 Manager
 New York 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. This certificate may be transferred or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).



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INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Aircraft Certification 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: SA00146LA

To (Name and address of transferee)

From (Name and address of grantor)

Extent of Authority (if licensing agreement):

Date of transfer:

Signature of grantor: _____

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Supplemental Type Certificate

(Continuation Sheet)

Number: SA00146LA

Date Reissued: February 22, 2014

Limitations and Conditions (continued):

3. Instructions for Continued Airworthiness must be available to maintenance personnel.
4. This airplane configuration is approved for restricted category operations, FAR 21.25(b)(1), agricultural, when configured in accordance with FAA approved AG-TIPS Master Drawing List (MDL) 445-00, Rev C, dated January 23, 1996.
5. The applicable aircraft serial numbers for modification by this STC are as follows:

Model 188B:	18800833 through 18802348
Model A188B:	678T, 18800833 and up
Model T188C:	T18803307T, T18803308T, T188803325T and on
6. With winglets installed, the never exceed speed of the airplane is 140 mph IAS.
7. Vortex generators installed with Aeronautical Testing Service, Inc. Supplemental Type Certificate SA00147SE may be installed concurrently with this STC.
8. Other more limiting speed restrictions with dispersal equipment installed continue to apply as listed in the Cessna Owner's Manual or other approved Flight Manual Supplements.

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