

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

Number SA01583CH

This Certificate issued to Trace Engines LP
3000 West Interstate 20
Midland, TX 79701

*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 * of the * Regulations.*

Original Product Type Certificate Number: *(See attached FAA Approved Model List
Make: (AML) No. SA01583CH for list of approved
Model: aircraft models and applicable
airworthiness regulations)

Description of Type Design Change:

Installation of an Orenda OE600A model engine, McCauley 3FF34C529/106AW[X]-0 model propeller and associated systems in accordance with Orenda Recip Incorporated installation instructions as listed on AML No. SA01583CH, or later FAA approved revision.

Limitations and Conditions:

(See continuation sheet 3 of 3)

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: March 01, 2000

Date reissued: 12/21/06; 5/2/07

Date of issuance: November 30, 2001

Date amended:



By direction of the Administrator

(Signature)
S. Frances Cox, Manager
Special Certification Office,
Southwest Region

(Title)

United States Of America
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Supplemental Type Certificate
(Continuation Sheet)

Number SA01583CH

Date of Issuance: November 30, 2001

Reissuance Date: May 2, 2007

Limitations and Conditions (Continued):

1. The installer must determine whether this design change is compatible with previously approved modifications.
2. FAA Approved Airplane Flight Manual Supplement (AFMS) for Air Tractor AT-401, AT-401A, AT-401B, AT-402, AT-402A, or AT-402B with an Orenda Model OE600A engine dated November 30, 2001, or later FAA approved revision is required.
3. Aircraft Type Certificate Data Sheets (TCDS) limits are the same as listed on TCDS A17SW except as listed in the approved AFMS for Air Tractor Series modified in accordance with this STC.
4. A copy of this Certificate and FAA Approved Model List (AML) SA01583CH dated November 30, 2001, or later FAA approved revision, must be maintained as part of the permanent records for the modified aircraft.
5. 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.

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