

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

Number SE1796NM

This Certificate issued to Turboplus Aircraft Systems, Inc.
4117 35th Ave. NW
Gig Harbor, WA 98335

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 33 of the Federal Aviation Regulations.

Original Product Type Certificate Number: F9CE

Make: Continental

Model: TSIO-360-EB, LTSIO-360-EB

Description of Type Design Change: Conversion of the Continental TSIO-360-EB and LTSIO-360-EB engines (200 HP-2575 RPM) for operation at the power operating limits of the TSIO-360-KB and LTSIO-360-KB engines in accordance with Allied Eagles, LLC/Turboplus Instructions No. TP-7000, dated February 2, 1983, or later FAA approved revisions.

The engine conversion requires the installation of a magneto pressurization kit in accordance with Allied Eagles, LLC STC SE4177NM or SE4303NM or equivalent.

Limitations and Conditions: The installation should not be incorporated in any engine unless it is determined that the interrelationship between this installation and any previously approved configuration will not introduce any adverse effect upon the airworthiness of that engine. The approval of this modification applies to the above-noted engine models only. 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. (CONTINUED on page 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: December 23, 1982

Date reissued: 10/30/1987; 02/09/1990;
10/25/2000; 08/25/2005; 10/15/2007;
11/05/2010; 4/20/2012. 2/24/2017

Date of issuance: March 17, 1983

Date amended: 02/09/1990; 10/25/2000;
08/25/2005; 04/16/2012



By direction of the Administrator

(Signature)

Manager, Technical and Administrative
Support Branch
Los Angeles Aircraft Certification Office
(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

Supplemental Type Certificate

(Continuation Sheet)

Number SE1796NM

Limitations and Conditions (continued)

The Conditions and Limitations of Type Certificate Data Sheet No. E9CE apply except where superseded by the following:

CONTINENTAL TSIO-360-EB AND LTSIO-360-EB ENGINES MODIFIED BY STC SE1796NM

Engine: 1 Continental TSIO-360-EB(C)
1 Continental LTSIO-360-EB(C)

Fuel: 100/100LL Minimum Grade Aviation Gasoline

Engine Limits: Takeoff, 5 minutes, 2800 RPM and 40" Hg – Manifold Pressure (220 HP)
Max Continuous, 2600 RPM and 40" Hg – Manifold Pressure (200 HP)

Placards: Placards and Operation Limitations on Type Certificate Data Sheet E9CE apply except as noted herein:

a. Original Engine Data Plate:

Added "suffix" (C) and the STC number to the model designation as follows:

Model: TSIO-360-EB(C)-STC SE1796NM

Model: LTSIO-360-EB(C)-STC SE1796NM

b. Supplemental Engine Data Plate:

Supplemental data plate adjacent to the original data plate as follows:

CONTINENTAL ENGINE
SUPPLEMENTAL DATA PLATE
STC SE1796NM
TAKEOFF (5 MIN) 220 HP 2800 RPM, 40 in Hg MP
MAX CONT. 200 HP 2600 RPM, 40 in Hg MP

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