

Supplemental Type Certificate

Number SA00356DE

This Certificate issued to Fly In Vacations
6395 Parkhill Road
Santa Margarita, California 93453

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* *Certification basis is set forth in Type Certificate Data Sheet (TCDS)

Original Product Type Certificate Number: A12SO

Make: Commander Aircraft Company

Model: 114, 114A

Description of Type Design Change: Installation of a modified Textron Lycoming engine equipped with a Turbonormalizing system in accordance with FAA Approved Camarillo Aircraft Service Master Drawing List (MDL) CA540, Revision N/C, dated June 24, 1999, or later FAA approved revisions. Camarillo Aircraft Service FAA Approved Pilot's Operating Handbook and/or Airplane Flight Manual Supplement AFMS-114-CAS dated March 14, 2000, or later FAA approved revisions, is required with this installation. See NOTE 4 for additional FAA approvals for this installation.

Limitations and Conditions: The installation should not be incorporated in any aircraft 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 the aircraft. This approval of this modification applies to the above-noted airplane model series only. A copy of this STC must be included in the permanent records of 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. See Page 3 for continuation.

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: October 22, 1996

Date reissued: December 28, 1998, February 28, 2012, April 12, 2012

Date of issuance: October 14, 1998

Date amended: March 14, 2000



By direction of the Administrator

(Signature)

Thomas A. Enyart
Manager, Propulsion Branch
Los Angeles Aircraft Certification Office
(Title)

United States Of America
Department of Transportation - Federal Aviation Administration
Supplemental Type Certificate
(Continuation Sheet)

NOTE:

DO NOT DELETE THIS PAGE.

DO NOT ADD ANY DATA TO THIS PAGE.

THIS PAGE IS FOR PAGE NUMBERING PURPOSES,
PLEASE DISCARD PRINTED COPY.

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 SA00356DE

Limitations and Conditions Continued:

NOTE 1: Installation of STC SE00357DE is required with this modification.

NOTE 2: The following cockpit instrument must be marked accordingly:
Manifold pressure gage: 28.5 In Hg. (red line)

NOTE 3: Refer to Camarillo Aircraft Service FAA Approved Pilot's Operating Handbook and/or Airplane Flight Manual Supplement AFMS-114-CAS, dated March 14, 2000, or later FAA approved revisions, for required placards.

NOTE 4: Turbo-Flite 540 (Turbo 2000 Corp.) Master Drawing List No. TF540, Revision A, dated June 24, 1998, or later FAA approved revision; FAA Approved Airplane Flight Manual Supplement AFMS-114, Revision IR, dated October 14, 1998, or later FAA approved revisions; and Instruction for Continued Airworthiness, Turbo-Flite Operations and Maintenance Manual Report 135-10, Revision none, dated March 12, 1998, or later FAA approved revisions; are also approved for this installation.

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