

United States Of America
Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate

Project No. SA8234SC-E (Hakala)

Number SE09002SC

This Certificate issued to Aircraft Specialties Services, Inc.
P.O. Box 582553
Tulsa, OK 74158

*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 FAA Approved Model List (AML)]
Make : for list of approved models and
Model : applicable airworthiness regulations]

Description of Type Design Change: Regrind Teledyne Continental crankshafts, to .020" undersize on crankpin and main journals according to Aircraft Specialties Services, Inc. Drawing No. 1010, Rev. C, dated 12/01/2004, or later FAA approved revision.

Limitations and Conditions: Compatibility of this design change with previously approved modifications must be determined by the installer. 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 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 : January 22, 1993

Date reissued :

Date of issuance : April 04, 1995

Date amended : January 17, 1997; March 10, 2006,
Rev. 2



By direction of the Administrator

(Signature)

S. Frances Cox
Manager, Special Certification Office
Southwest Region

(Title)

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

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

Number SE09002SC

Date of Issuance: April 04, 1995
 Date Amended: March 10, 2006

Limitations and Conditions (Continued):

The following bearings are eligible for installation for this modified crankshaft:

Aircraft Specialties Services Inc. Part Numbers:

S530058M020 Bearing, Front main
 S643233M020 Bearing, Center main
 S633398M020 Bearing, Center main
 S639640M020 Bearing, Connecting Rod
 All drawings dated 05/27/96, or later FAA approved revision

Aircraft Technology Corporation Part Numbers:

AC530058M020 Bearing, Front main
 AC643233M020 Bearing, Center main
 AC633398M020 Bearing, Center main
 AC639640M020 Bearing, Connecting Rod

| FAA APPROVED MODEL LIST (AML) | | | | |
|--|----------------------|------------------------------|----------------------------------|-----------------|
| STC No. SE09002SC | | | | |
| Date of Issuance: April 04, 1995 Date Amended: March 10, 2006 | | | | |
| Aircraft Specialties Services, Inc. P.O. Box 58253 Tulsa, OK 74158 | | | | |
| Item | Engine Make | Engine Model | Original Type Certificate Number | Regulation/Part |
| 1 | Teledyne Continental | A-65 | E-205 | CAR 13 |
| 2 | Teledyne Continental | A-75 | E-213 | CAR 13 |
| 3 | Teledyne Continental | C-75 | E-233 | CAR 13 |
| 4 | Teledyne Continental | C-85 | E-233 | CAR 13 |
| 5 | Teledyne Continental | C-90 | E-252 | CAR 13 |
| 6 | Teledyne Continental | O-200-A, O-200-B, O-200-C | E-252 | CAR 13 |
| 7 | Rolls Royce | RR C90 | E31N | CAR 10 |
| 8 | Rolls Royce | RR O-200-A, O-200-B, O-200-C | E31N | CAR 10 |

- End -

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