

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

*Number* SE01144SE

*This certificate issued to* Air Repair, Inc  
920 Airport Service Road  
Cleveland, MS 38732

*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 13 of the Civil Air Regulations.*

*Original Product--Type Certificate Number :* E-162  
*Make :* Teledyne Continental Motors  
*Model :* W-670 16, 24, 6A, 6N

*Description of Type Design Change:*

Installation of Olde Thyme Aviation, Inc. pistons, P/N OTA-4032-T6 or Air Repair, Inc. pistons, P/Ns AR4177 (5 each) and AR4177-1 (2 each), to replace Teledyne Continental Motors pistons P/N 4177. Mixing of Olde Thyme Aviation, Inc. and Air Repair, inc. pistons in the same engine is not permitted and replacement pistons must be installed in complete sets of seven pistons. Instructions for continued airworthiness for the above model engines are not affected by this change with the provision that time between overhaul (TBO) for the modified engine shall be 1000 hours.

*Limitations and Conditions:* "Approval of this change in type design applies only to the engine models listed above. This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated, unless it is determined by the installer that the interrelationship between this change and any other previously approved modifications will produce no adverse effect upon the airworthiness of that airplane. A copy of this Certificate must be maintained as part of the permanent records for the

(See continuation sheet)

*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 :* May 11, 2000

*Date reissued :* October 14, 2003

*Date of issuance :* November 21, 2002

*Date amended :* April 06, 2006



*By direction of the Administrator*

(Signature)

Melvin D. Taylor  
Manager  
Atlanta Aircraft Certification Office

(Title)

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

*Number* SE01144SE

Date of Issuance: November 21, 2002

Date Amended: April 06, 2006

*Limitations and Conditions* (Continued):

modified engine. 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."