

Department of Transportation—Federal Aviation Administration  
**Supplemental Type Certificate**

*Number* SE3873NM

*This certificate, issued to* Li'l Red Aero, Inc.

*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 3 of the Civil Air Regulations..*

*Original Product—Type Certificate Number:* 1E4  
*Make:* AVCO Lycoming  
*Model:* IO-540-R1A5

*Description of the Type Design Change:* Installation of two AiResearch induction air intercoolers in accordance with Turbo Comanche 260 Intercooler Installation Instructions," Revision A, dated July 27, 1987.

*Limitations and Conditions:* Data pertaining to this modification are considered inadequate for duplication in other aircraft. This approval is limited to the installation in Piper Model PA-24-260 aircraft as per STC No. SA3872NM. A copy of this Certificate must be maintained as part of the permanent records for the modified aircraft.

*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 30, 1987

*Date reissued:* February 26, 1993; March 31, 1993;  
April 27, 1995

*Date of issuance:* July 27, 1987

*Date amended:*



*By direction of the Administrator*

*[Handwritten Signature]*

(Signature)

Acting Manager, Seattle 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.*

*This certificate may be transferred in accordance with FAR 21.47.*