

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

Number SA 1216S0

This certificate, issued to Aero-Trim, Inc.  
1130 102<sup>nd</sup> Street  
Bay Harbor, FL 33157

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: 2A13  
Make: Piper  
Model: PA-28-140, 150, 160, 180, 235, PA-28S-160  
PA-28S-180, PA-28R-180, PA-28R-200

*Description of Type Design Change:*

Installation of an adjustable trim tab on the left aileron in accordance with Aero-Trim, Inc., Model 400 Data List, Revision "AB", or later FAA Approved Revision. Installation Drawing No. 437 pertains to Piper PA-28 models listed above.

The approval of this change applies basically to the Piper PA-28 Models listed above only. This approval should not be extended to other airplanes of this model on which other previously approved modifications are incorporated unless it is determined by the installer that the inter-relationship between this change and any of those previously approved modifications will produce no adverse affect upon the airworthiness of that airplane. This determination should include consideration of significant changes in weight distribution such as an increase in the fixed disposable weight in the fuselage. FAA approved AFM Supplement or "POH and FAA approved AFM" Supplement dated March 31, 1981 or November 4, 1981, (for PA-28R-180,-200) is a required part of this STC.

*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: November 29, 1977

Date issued:

Date of issuance: March 31, 1981

Date amended: November 4, 1981

By direction of the Administrator



*Keith J. Blythe*  
Chief, Engineering and Manufacturing Branch  
Flight Standards Division

(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.