

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

*Number* SA593AL

*This certificate issued to* Aircraft Innovations, LLC  
PO Box 110164  
Anchorage, AK 99511

*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 3 of the Civil Air Regulations.*

*Original Product – Type Certificate Number:* 797  
*Make:* Piper  
*Model:* PA-14

*Description of Type Design Change:* Installation of Day & Night, Inc. square horizontal stabilizers, elevators, and rudder on Piper Model PA-14 airplanes in accordance with FAA sealed copy of Day & Night, Inc. drawings 13-1 and 13-2, dated June 17, 1976, and 12-0 dated October 6, 1975, or later FAA Approved Revisions.

*Limitations and Conditions:*

1. The approval of this change in type design applies basically to Piper PA-14's only. Compatibility of this design change with previously approved modifications must be determined by the installer. This determination should include consideration of significant changes in weight distribution, such as an increase in the fixed disposable weight in the fuselage.
2. This installation must be installed in conjunction with Day & Night, Inc. STC No. SA477AL (wing-tip installation).
3. FAA Approved Airplane Flight Manual Supplement dated August 4, 1976, or later FAA Approved Revisions, is required.
4. 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.

*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:* July 15, 1975

*Date reissued:* April 19, 1979; September 11, 2009

*Date of issuance:* August 4, 1976

*Date amended:* September 11, 2009

*By direction of the Administrator*



(Signature)

David D. Swartz  
Acting Manager, Anchorage Aircraft Certification Office

(Title)