

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

*Number* SA01249AT

*This certificate issued to* FFC Manufacturing  
4010 Pilot Dr., Suite 103  
Memphis, TN 38118

*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 23 of the Federal Aviation Regulations.*

*Original Product -- Type Certificate Number:* A8EA  
*Make:* Piper  
*Model:* PA-31P – All serial Numbers

*Description of Type Design Change:* Installation of left hand and right hand nacelle fuel cell assemblies in accordance with A/C Fuel Cells Worldwide, Inc., "Installation Instructions", dated August 30, 1994; A/C Fuel Cells Worldwide, Inc., Drawing P4718-1, Revision B, dated August 20, 1998 (was Drawing P4718, Revision A, dated December 2, 1996 (P/N P4718-1), for the left hand side nacelle fuel cell; and Drawing P4719-1, Revision B, dated August 20, 1998 (was Drawing P4719, Revision A, dated December 2, 1996 (P/N P4719-1), for the right hand side nacelle fuel cell; or later FAA approved revision.

*Limitations and Conditions:* This approval should not be extended to other aircraft of these models on which other previously approved modifications are incorporated unless it is determined by the installer that the interrelationship between this change and any of those other previously approved modifications will introduce no adverse effects upon the airworthiness of the aircraft. 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:* February 28, 1995

*Date reissued:* July 31, 2002; April 29, 2009

*Date of issuance:* January 23, 1997

*Date amended:* December 30, 1998  
January 25, 1999

*By direction of the Administrator*



(Signature)

Melvin D. Taylor  
Manager  
Atlanta 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.

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**Supplemental Type Certificate**  
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