

United States Of America  
Department of Transportation - Federal Aviation Administration

# Supplemental Type Certificate

Reissued on December 26, 2012 to supersede the original STC, which has been lost or misplaced.

*Number* SA1518SO

*This Certificate issued to* Fairchild Aircraft, Inc.  
P. O. Box 790490  
San Antonio, Texas 78279-0490

*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:* A5SW  
*Make:* Fairchild  
*Model:* SA227-AT

*Description of Type Design Change:*  
(See continuation sheet 3 of 3)

*Limitations and Conditions:*

This aircraft must be operated in the Restricted Category when configured in accordance with FASD interior Drawing 27-13600, Sheet 4, Revision B, or later FAA approved revision. "Pilot's Operating Handbook and FAA Approved Airplane Flight Manual" noted as applicable to the "H.E.S.S. - Merlin IVC - Modification," dated December 16, 1983, is a required part of this STC. The installer must determine whether this design change is compatible with previously approved modifications. If the holder agrees to permit another person to use this certificate to alter a product, the holder must 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:* April 8, 1983

*Date reissued:* 11/08/87, 01/09/91,  
12/26/12

*Date of issuance:* December 16, 1983

*Date amended:* March 26, 1984



*By direction of the Administrator*

\_\_\_\_\_  
(Signature)  
M. Monica Merritt, Manager  
Airplane Certification Office,  
Southwest Region

\_\_\_\_\_  
(Title)

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

United States Of America  
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(Continuation Sheet)

*Number* SA1518S0

Date of Issuance: December 16, 1983

Date Amended: March 26, 1984

Date of Reissuance: December 26, 2012

*Description of Type Design Change* (Continued):

Installation of High Endurance Surveillance System (HESS) in accordance with Fairchild Aircraft Service Division (FASD) Master Drawing List, Report No. DC83V001, Revision K, dated November 7, 1983, or later FAA approved revision. This modification has been shown to be compatible with the Collins FCS-80 Flight Control System installed in accordance with STC SA1686CE, the Litton LTN-72R Area Navigation System installed in accordance with STC SA1528S0, the Foster RNAV 612 Area Navigation System installed in accordance with STC SA1529S0, and the Global GNS 500A VLF/Omega Navigation System installed in accordance with STC SA1530S0. Therefore, the FAA approved "Pilot's Operating Handbook and FAA Approved Airplane Flight Manual" supplements applicable to the use of those STC installed systems are hereby also approved for use with the Airplane Flight Manual listed under the "Limitations and Conditions" section of this STC.

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