

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

Number SA00024MC

This certificate issued to: ATK
236 Citation Drive
Fort Worth, Texas 76106

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 23 of the Federal Aviation Regulations.

Original Product - Type Certificate Number: A18SW

Make: M7 Aerospace LP (Fairchild Aircraft, Inc.)

Model: SA 227-DC (C-26B)

Description of Type Design Change:

Installation of Special Mission Equipment including Surveillance and Mission Radio Systems in accordance with ATK STC Data List, Document Number C26B.DALST.001, Revision G, dated April 17, 2009, or later FAA approved revision. Use of this STC requires FAA approved Airplane Flight Manual Supplement document number C26B.TMASP.003, Revision IR, dated April 20, 2009, or later FAA approved revision and Instructions for Continued Airworthiness document number ATK6276, revision C, dated March 30, 2009, or later FAA approved revisions.

Limitations and Conditions:

1. This approval is for U.S. Government use only and is limited to installations completed at the ATK facility in Fort Worth, Texas.

(See continuation sheet 3 of 3 for additional limitations)

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: August 15, 2007

Date reissued:

Date of issuance: April 20, 2009

Date amended:



By direction of the Administrator
Ronald K. Rathgeber
(Signature)

Ronald K. Rathgeber
Manager
Military Certification Office

Supplemental Type Certificate

(Continuation Sheet)

Number SA00024MC

Limitations and Conditions:

2. Installations not completed at ATK will require an FAA approved Installation Manual.
3. All installations will require completion of the EMI/RFI portion of the Ground Test Plan, ATK document number C26BR0000001-GTP, revision A, and the EMI/RFI portion of the Flight Test Plan, ATK document number C26BR0000003-FTP, revision A, or later FAA approved revision.
4. Following the replacement of government furnished equipment (GFE) or commercial off-the-shelf (COTS) equipment listed in Instructions for Continued Airworthiness ATK 6276, revision C, or later FAA approved revision, table 2-1, conduct a ground EMI survey with engines running in accordance with the EMI/RFI portion of the Ground Test Plan, ATK document number C26BR0000001-GTP, revision A, or later FAA approved revision.
5. This approval is limited to aircraft previously modified by installation of Lockheed Fort Worth STC SA8838SW.
6. This STC is intended for Military or Public Use only. Installation on commercial aircraft is prohibited.
7. This installation is placarded to prohibit flight into known icing conditions.
8. Eddy-Current inspection of the front wing spar is reduced to 5600 hours and every 2000 hours in accordance with the FAA approved Instructions for Continued Airworthiness (ICA) Revision C, dated March 30, 2009 or later FAA approved revision.
9. Maximum Takeoff Weight is limited to 15,150 pounds to maintain previously approved climb for noise control.
10. The compatibility of this modification with the installation of previously installed modifications is the responsibility of the installer.

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Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.