

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

Number ST03718AT

This certificate issued to Avenger Aircraft and Services
103 North Main Street, Suite 106
Greenville, SC 29601

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 25 of the Federal Aviation Regulations.

Original Product -- Type Certificate Number A32NM, T00006LA

Make : Lockheed

Model : P3A

Description of Type Design Change: Incorporation of P3A Airworthiness Limitation Section for aircraft operated in Restricted Category for the special mission of aerial dispensing of liquids in accordance with Avenger Aircraft and Services Report No. AAS-MDL-09-002, Revision NC dated April 30, 2009, or later FAA approved revision.

Limitations and Conditions:

The Airworthiness Limitations Section (ALS) in Avenger Aircraft and Services Report No. AAS-ALS-07-001, Rev. B dated February 12, 2009, or later FAA approved revision provides the necessary continued airworthiness requirements per FAR 25.1529 Amendment 54 for aircraft operations under Part 91. The Airworthiness Limitations Section is FAA approved and specifies maintenance required under 43.16 and 91.403 of the Federal Aviation Regulations, unless an alternative program has been FAA approved. These instructions are applicable for Restricted Category usage for forest and wildlife conservation usage and include the effects of the aerial dispensing of liquids special mission.

(Limitations and Conditions continued on page 3 of 3)

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 : May 14, 2009

Date reissued : April 20, 2011

Date of issuance : July 14, 2009

Date amended :

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.

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Regional Office of the transfer of this Supplemental Type Certificate.

The FAA will reissue the certificate in the name of the transferee and forward it to him.

TRANSFER ENDORSEMENT

Transfer the ownership of Supplemental Type Certificate Number _____

to *(Name of transferee)* _____

(Address of transferee) _____

(Number and Street)

(City, State, and ZIP code)

from *(Name of grantor) (Print or type)* _____

(Address of grantor) _____

(Number and Street)

(City, State, and ZIP code)

Extent of Authority (if licensing agreement): _____

Date of Transfer: _____

Signature of grantor *(In ink)*: _____

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

Number ST03718AT

Date of Issuance: July 14, 2009

Date Amended: April 20, 2011

The airworthiness limitations are separated into baseline usage and usage which includes the aerial dispensing of liquids. For aircraft with combined baseline and aerial dispersion usage accumulated, the operator must determine the total accumulated life by combining the fatigue damage accumulated during both the baseline and aerial dispersion usage.

The procedures do not take into account repairs, modifications, or alterations. The operator must account for any resulting impact to the ALS.

Once the ALS has been incorporated into the baseline P3A Maintenance Program, the airframe must be maintained to these new requirements. The ALS is fully compliant with FAR 25.1529 Amendment 54 and as such is based on the fatigue and damage tolerance requirements of FAR 25.571 Amendment 96. Therefore, any repairs, modifications or alterations must be evaluated to FAR 25.571 Amendment 96 or later requirements. Any and all impacts to the Airworthiness Limitations must be coordinated with the FAA ACO.

Structural repairs to any of these items using AC43.13 or NAVAIR 01-75PAA-3-1 and any other P3A military structural repair document are no longer acceptable. All repairs must be FAA approved and meet the requirements of FAR 25.571. In addition, any existing repairs discovered in the wing box, horizontal and vertical stabilizer boxes that were not previously certified to FAR 25.571 and 25.1529 must be addressed.

The Airworthiness Limitations inspections and replacement schedules are based on the widespread fatigue damage requirements of FAR 25.571 and must be strictly controlled and are not subject to change without prior FAA ACO approval. Limitations require either complete part replacement or an FAA ACO approved alternate method of compliance. Inspection intervals can only be changed by an FAA ACO approved alternate means of compliance.

The compatibility of this change with other previously approved modification(s) must be determined by the installer. 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.