

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

Number ST03318CH

This certificate issued to
Basler Turbo Conversions, LLC
255 West 35th Avenue
Oshkosh, WI 54903

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 25 of the Federal Aviation Regulations. (See Page 3 for complete certification basis)

Original Product--Type Certificate Number: A669

Make: The Boeing Company

Model: DC3A-SCG, DC3A-SC3G, DC3A-S1CG, DC3A-S1C3G(Army C-41, C-41A, C-48, C-48A, C-52, C-52A, C-52B, C-52C, C-53, C-53B, C-53C, C-53D, C-68, Navy R4D-3, R4D-4), DC3A-S4C4G, DC3C-SC3G, DC3C-S1C3G, -S4C4G, Army C-47, C-47A, Navy R4D-1, R4D-5), DC3C-R-1830-90C(Army C-47B, Navy R4D-6), DC3D-R-1830-90C(Army C-117A)

Description of Type Design Change:

Installation of a Forward Looking Infrared (FLIR) System in accordance with Standard Aero Master Data List 1026167, Revision (G), dated September 26, 2014 or later FAA approved revision.

Limitations and Conditions:

1. The installer must determine whether this design change is compatible with previously approved modifications.
2. FAA Approved Airplane Flight Manual Supplement document number 1026974, Rev (B) dated September 29, 2014, or later FAA approved revision is a required part of this modification.
3. This STC is only applicable to Basler Turbo Conversions DC3- TP67 aircraft in accordance with Basler Turbo Conversions, LLC. STC No. SA4840NM.
4. If the holder agrees to permit another person to use this certificate to alter the 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: February 04, 2014

Date reissued: August 1, 2016

Date of issuance: September 29, 2014

Date amended:



By direction of the Administrator

Original Signed By:
Karol Mordasiewicz

(Signature)

Karol Mordasiewicz
Manager, Airframe and Administrative Branch
Chicago Aircraft Certification Office

(Title)

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): _____

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

Supplemental Type Certificate

(Continuation Sheet)

Supplemental Type Certificate Number: ST03318CH

Date of issuance: September 29, 2014

Date of amendment:

Date of reissue: August 1, 2016

Certification Basis (continued)

Based on 14 CFR §§ 21.15, 21.101 and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for the DC3A-SCG, DC3A-SC3G, DC3A-S1CG, DC3A-S1C3G(Army C-41, C-41A, C-48, C-48A, C-52, C-52A, C-52B, C-52C, C-53, C-53B, C-53C, C-53D, C-68, Navy R4D-3, R4D-4), DC3A-S4C4G, DC3C-SC3G, DC3C-S1C3G, -S4C4G, Army C-47, C-47A, Navy R4D-1, R4D-5), DC3C-R-1830-90C(Army C-47B, Navy R4D-6), DC3D-R-1830-90C(Army C-117A) aircraft, Installation of a Forward Looking Infrared (FLIR) System is as follows:

- a. The type certification basis for DC3A-SCG, DC3A-SC3G, DC3A-S1CG, DC3A-S1C3G(Army C-41, C-41A, C-48, C-48A, C-52, C-52A, C-52B, C-52C, C-53, C-53B, C-53C, C-53D, C-68, Navy R4D-3, R4D-4), DC3A-S4C4G, DC3C-SC3G, DC3C-S1C3G, -S4C4G, Army C-47, C-47A, Navy R4D-1, R4D-5), DC3C-R-1830-90C(Army C-47B, Navy R4D-6), DC3D-R-1830-90C(Army C-117A) aircraft is shown on TCDS A669 for parts **not changed or not affected** by the change.
- b. The certification basis for parts **changed or affected** by the change since the reference date of application, February 04, 2014 is based upon TCDS A669. Based on 14 CFR § 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for this modification was determined to be:

Regulations at the latest amendment level:

25.1(a, b), 25.21(a-f)(25-42), 25.101(a)(25-38), 25.103(a, b), 25.121(a-d), 25.149(a-d)(25-42), 25.203(a-c), 25.251(a, b)(23-23), 25.301(a, b), 25.303, 25.305(a, b), 25.307(a-c), 25.321(a, b), 25.341(a, b), 25.561(a-c), 25.571(a-c), 25.581(a-c)(25-23), 25.601, 25.603(a, b), 25.605, 25.607, 25.609(a, b), 25.611, 25.613(a, b, d)(25-46), 25.619(a-c)(25-23), 25.623 (a, b), 25.625(a), 25.789(a, b)(25-46), 25.815(25-38), 25.853(a)(25-61), 25.1301(a-d), 25.1307(c)(25-54), 25.1309(a, b, d)(25-38), 25.1351(a(1))(25-41), 25.1353(a)(25-42), 25.1357(a, c), 25.1419 (a, b)(25-23), 25.1431(a, c), 25.1501(a, b)(25-42), 25.1519, 25.1529(25-54), 25.1541(a, b), 25.1581 (a(2))(25-42), 25.1583(a(1))(25-46), 25.1585(a(1))(25-46), 25.1587(a, b)(25-42)

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