

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

Number ST03194NY

This certificate, issued to Delta Engineering
13 DRBA Way
New Castle County Airport
New Castle, Delaware 19720

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: A28NM

Make: Airbus

Model: A319 Series and A320 Series

Description of Type Design Change:

Update of a Gogo ATG4 system in accordance with Armstrong Aerospace Master Data List D12525-21115 Revision C dated May 14, 2014 or later FAA approved revision. The Instructions for Continued Airworthiness and Airplane Flight Manual Supplement as listed on the Master Data List is required with this installation.

Limitations and Conditions:

1. If the holder agrees to permit another person to use the certificate to alter the product, the holder shall give the other person written evidence of that permission.
2. Compatibility of this design change with previously approved modifications must be determined by the installer.

(See Continuation Sheet 2)

This certificate and the supporting data which is the basis for approval shall remain in effect sur-rendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: March 26, 2014

Date reissued:

Date of issuance: May 18, 2014

Date amended:



By direction of the Administrator

Jonathan E. Moritz *(Signature)*
ODA Administrator
Delta Engineering ODA-800728-NE

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. This certificate may be transferred or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).

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(Continuation Sheet)

Number ST03194NY

Date of Issuance: May 18, 2014

Limitations and Conditions:

3. This STC is for upgrade of the ATG4 based on existing system installed by FAA STC ST02275LA.
4. Operational approval to use T-PED's must be obtained separately from this STC.
5. The installer must comply with the limitations for the aircraft specific equipment installed as listed in T-PED Compatibility List as listed in the Master Data List specified on page 1. The operator is also responsible to ensure changes to the aircraft equipment remains T-PED tolerant.

Certification Basis:

Based on 14 CFR §§ 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, this STC is a non-significant change. The certification basis for un-changed or not affected areas by this STC remains un-changed by this STC and the certification basis for this STC is as follows:

- a. The following regulations for CFR Part 25 at later amendment than the TCDS all other regulations at certification basis defined in the TCDS:

Section	Title	At Amendment
25.853	Compartment interiors	25-116
25.981	Fuel tank explosion prevention	25-125
25.1581	General	25-72
25.1583	Operating limitations	25-105
25.1585	Operating procedures	25-105

- b. CFR Part 26:
 - a. This STC does not require a revision to the Electrical Wiring Interconnect System Instructions for Continued Airworthiness.

Section	Title	At Amendment
§26.11	EWIS	26-0
§26.47	AASR	26-1

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