



United States of America  
Department of Transportation  
Federal Aviation Administration

# Supplemental Type Certificate

## IMPORT

Number: ST03708NY

This certificate issued to: H4 Aerospace (UK) Ltd.  
Blue Court  
39 Queensway  
HP2 5HE Hemel Hempstead, United Kingdom

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.

Original Product – Type Certificate Number:  
A28NM

Make: Airbus  
Model: A318-111/-112/-121/-122  
A319-111/-112/-113/-114/-115/-131/-132/-133  
A320-211/-212/-214/-231/-232/-233  
A321-111/-112/-131/-211/-212/-213/-231/-232

Description of Type Design Change:

1. Installation of TCAS system upgrade from TPA-81A TCAS II with software version 7.0 or TPA-100A TCAS II to TPA-100B with software version 7.1 for Honeywell System in accordance with Modification Summary Sheet H4A1656 Issue 6, dated May 2, 2015 or later EASA-approved revision.
2. Maintenance in accordance with Instructions for Continued Airworthiness H4ADR778 Issue 5, dated October 2, 2015 or later EASA-accepted revision is required with this modification.
3. Operation in accordance with Airplane Flight Manual Supplement H4AFMS038 Issue IR, dated November 2, 2015 or later EASA-approved revision is required with this modification.

Limitations and Conditions:

1. The installer must determine whether this design change is compatible with previously approved modifications.
2. 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, and revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.*

Date of Application: January 27, 2016

Date Reissued:

Date of Issuance: June 15, 2016

Date Amended:

*By Direction of the Administrator*

Signature \_\_\_\_\_

Title Michele J. Maurer  
Acting Manager  
New York Aircraft Certification Office

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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*Supplemental Type Certificate*

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Aircraft Certification 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: ST03708NY*

**To** (Name and address of transferee)

**From** (Name and address of grantor)

Extent of Authority (if licensing agreement):

*Date of transfer:*

*Signature of grantor:* \_\_\_\_\_

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# Supplemental Type Certificate

(Continuation Sheet)

Number: ST03708NY

Date of Issuance: June 15, 2016

**Certification Basis:**

Based on 14 CFR § 21.115 and § 21.101, and the FAA Order 8110.48, the certification basis for the Airbus A318-111, A318-112, A318-121, A318-122, A319-111, A319-112, A319-113, A319-114, A319-115, A319-131, A319-132, A319-133, A320-211, A320-212, A320-214, A320-231, A320-232, A320-233, A321-111, A321-112, A321-131, A321-211, A321-212, A321-213, A321-231, A321-232 is as follows:

- a. The type certification basis for the Airbus A318-111, A318-112, A318-121, A318-122, A319-111, A319-112, A319-113, A319-114, A319-115, A319-131, A319-132, A319-133, A320-211, A320-212, A320-214, A320-231, A320-232, A320-233, A321-111, A321-112, A321-131, A321-211, A321-212, A321-213, A321-231, A321-232 is shown on TCDS A28NM for parts not changed or not affected by the change.
- b. The type certification basis for the Airbus A318-111, A318-112, A318-121, A318-122, A319-111, A319-112, A319-113, A319-114, A319-115, A319-131, A319-132, A319-133, A320-211, A320-212, A320-214, A320-231, A320-232, A320-233, A321-111, A321-112, A321-131, A321-211, A321-212, A321-213, A321-231, A321-232 is shown on TCDS A28NM for parts changed or affected by the change.

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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. 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).