



United States of America  
Department of Transportation  
Federal Aviation Administration

Supplemental Type Certificate  
IMPORT

Number: ST04054NY

This certificate issued to: Eirtech Aviation Services Ltd  
154 Industrial Estate  
Shannon, Co. Clare Ireland

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 Title 14 Code of Federal Regulations.

Original Product            A46NM Rev 33, July 17, 2019    Make: Airbus  
Type Certificate Number:

Model: A330-200 and -300 Aircraft

Description of Type Design Change:

1. Automatic Dependent Surveillance Broadcast (ADS-B) Out Upgraded System Installation per Installation Master Data List (MDL) 8154-0001-MDL, revision D, dated February 5, 2020, or later FAA approved revision.

(See Description of Type Design Change Continued on Page 3 of 3)

Limitations and Conditions:

1. The installer must determine whether this design change is compatible with previously approved modifications.

(See 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: September 3, 2019    Date Reissued: February 19, 2020; October 20, 2020

Date of Issuance: February 13, 2020    Date Amended:

By Direction of the Administrator

Signature:

Timothy J. Hadsall  
Acting Manager, New York ACO Branch  
Compliance and Airworthiness Division

Title: Aircraft Certification Service

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).



United States of America  
Department of Transportation  
Federal Aviation Administration

# Supplemental Type Certificate

## IMPORT

Number: ST04054NY

**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: ST04054NY

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

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

**Extent of Authority** (if licensing agreement):

**Date of transfer:**

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

---

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).

---



United States of America  
Department of Transportation  
Federal Aviation Administration

# Supplemental Type Certificate

IMPORT

(Continuation Sheet)

Number: ST04054NY

Date Reissued: October 20, 2020

## Description of Type Design Change (continued):

2. ICA. Comply with FAA-accepted Instructions for Continued Airworthiness (ICA) listed below, or later FAA-accepted revisions.
  - a. ALOFT AeroArchitects Document No. TM-8154-ICAW revision A, dated February 4, 2020; FAA accepted February 13, 2020 or later FAA accepted revision.
3. EWIS ICA. The FAA has reviewed the applicant's assessment of existing Electrical Wiring Interconnection System Instructions for Continued Airworthiness (EWIS ICA) and found that no additional EWIS ICA tasks are required.
4. AFMS. Comply with Viasat Airplane Flight Manual Supplement listed below.
  - a. ALOFT AeroArchitects Document No. AFMS-ST04054NY-A, revision 002, dated February 13, 2020; FAA approved February 13, 2020 or later FAA accepted revision.

## Limitations and Conditions (continued):

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.

## Certification Basis:

1. Based on 14 CFR §§ 21.101 and 21.115, and the FAA policy for non-significant changes in FAA Order 8110.48, the certification basis for the Airbus A330-200 and -300 for this design change modification is as follows:
  - a. The type certification basis for this aircraft is shown on Type Certificate Data Sheet (TCDS) A46NM for parts not altered nor affected by the design change.
  - b. The certification basis for parts altered or affected by the design change since the reference date of project application September 3, 2019 is based upon part 25, 26 & 36 as amended through Amendment 25-85 and 26-6 as listed in the TCDS.

(Certification Basis Continued on Page 4 of 4)

---

Any alteration of this certificate and/or the Type Certificate Data Sheet is punishable by a fine 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 Title 14 of the Code of Federal Regulations, part 21, section 21.47 (14 CFR 21.47). A transfer must be endorsed as provided on the reverse hereof. A Type Certificate holder who allows a person to use the Type Certificate to manufacture a new aircraft, aircraft engine, or propeller must provide that person with a written licensing agreement acceptable to the FAA. (Ref. 14 CFR 21.55).

---



United States of America  
Department of Transportation  
Federal Aviation Administration

# Supplemental Type Certificate

IMPORT

(Continuation Sheet)

Number: ST04054NY

Date Reissued: October 20, 2020

Certification Basis (continued):

For Airbus A330-200 and -300, Regulations at the amendment level in TCDS: 14 CFR §§ 25.1, 25.23, 25.25, 25.27, 25.29, 25.301, 25.303, 25.305, 25.307, 25.561, 25.601, 25.603, 25.605, 25.609, 25.611, 25.613, 25.619, 25.623, 25.625, 25.771, 25.773, 25.777, 25.869, 25.1301, 25.1307, 25.1309, 25.1321, 25.1322, 25.1351, 25.1353, 25.1357, 25.1381, 25.1431, 25.1501, 25.1529, 25.1541, 25.1581, 25.1583, 26.11

Regulations above the amendment level in TCDS (\*= latest): 14 CFR §§

25.1585      25-105\*  
25.1729      25-123\*

- c. Applicable provisions of 14 CFR part 26 are included in the certification basis and listed above. For any future Part 26 amendments, the holder of this STC must demonstrate compliance with the applicable sections as listed in the TCDS.

-----END-----

---

Any alteration of this certificate and/or the Type Certificate Data Sheet is punishable by a fine 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 Title 14 of the Code of Federal Regulations, part 21, section 21.47 (14 CFR 21.47). A transfer must be endorsed as provided on the reverse hereof. A Type Certificate holder who allows a person to use the Type Certificate to manufacture a new aircraft, aircraft engine, or propeller must provide that person with a written licensing agreement acceptable to the FAA. (Ref. 14 CFR 21.55).

---