



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate
IMPORT

Number: ST02347NY

This certificate issued to: FLYHT Aerospace Solutions Ltd.
300E, 1144 29th Ave NE
Calgary, AB - Canada - T2E 7P1

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: A319-100 Series
A320-200 Series
A321-100 & -200 Series

Description of Type Design Change:

Configuration A:

- 1. The installation of an Automated Flight Information Reporting System (AFIRS) 220 with optional Global Voice and Global Text Satellite Communications in accordance with FLYHT Aerospace Solutions Ltd., Installation Instructions 151-0021, dated August 9, 2013, Revision G, or later Transport Canada approved revision.
2. For Instructions for Continued Airworthiness, refer to FLYHT Aerospace Solutions, Ltd. Instructions for Continued Airworthiness 153-0029, dated April 10, 2013, Revision E, or later Transport Canada approved revision.
(See Description of Type Design Change continued on Page 3 of 3)

Limitations and Conditions:

- 1. Maintenance of AFIRS 220 must be in accordance with FLYHT Aerospace Solutions, Ltd. Instructions for Continued Airworthiness 153-0029, dated April 10, 2013, Revision E, or later Transport Canada approved revision.
2. Maintenance of AFIRS 228 must be in accordance with FLYHT Aerospace Solutions, Ltd. Instructions for Continued Airworthiness 153-0053, dated July 15, 2014, Revision D, or later Transport Canada approved revision.
3. The installer must determine whether this design change is compatible with previously approved modifications.
4. 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: February 6, 2007

Date Reissued:

Date of Issuance: March 13, 2007

Date Amended: July 17, 2015

By Direction of the Administrator

Signature

Title Gaetano Sciortino
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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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: ST02347NY

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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(Continuation Sheet)

Number: ST02347NY

Date Amended: July 17, 2015

Description of Type Design Change (continued):

Configuration A (continued):

3. For Master Document List: FLYHT Aerospace Solutions, Ltd. Master Document List 121-0029 dated August 9, 2013, Revision H, or later Transport Canada approved revision.

Configuration B:

4. The installation of an Automated Flight Information Reporting System (AFIRS) 228 in accordance with AMS Installation Instructions 151-0053, dated November 3, 2014, Revision H, or later Transport Canada approved revision.
5. For Instructions for Continued Airworthiness, refer to FLYHT Aerospace Solutions, Ltd. Instructions for Continued Airworthiness 153-0053, dated July 15, 2014, Revision D, or later Transport Canada approved revision.
6. For Master Document List: FLYHT Aerospace Solutions, Ltd. Master Document List 121-0062 dated November 3, 2014, Revision H, or later Transport Canada approved revision.

Certification Basis:

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 the Airbus A319-100 Series, A320-200 Series, A321-100 and -200 Series is as follows:

- a. The type certification basis for Airbus A319-100 Series, A320-200 Series, A321-100 and -200 Series is shown on TCDS A28NM 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 6, 2007, is as follows:

Regulations at amendment level 25-0 through 25-86
14 CFR §§ 25.305, 25.321, 25.333, 25.341, 25.571

Regulations at amendment level 25-102
14 CFR §§ 25.981

14 CFR Part 26 Regulations

Based on 14 CFR § 21.101(g), applicable provisions of 14 CFR Part 26 are included in the certification basis. For any future 14 CFR Part 26 amendments, the holder of this STC must demonstrate compliance with the applicable sections. As of the issuance date of this STC, compliance has been found for the following regulations 14 CFR Part 26, Subparts B, D, and E at amendment 26-5.

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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).