



# Supplemental Type Certificate

**This approval is issued to:**

Avionics Support Group, Inc.  
13155 SW 132 Avenue  
Miami, Florida 33186  
U.S.A.

**Number:** SA23-15

**Issue No.:** 1

**Approval Date:** April 19, 2023

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**Responsible Office:**

Québec

**Aircraft/Engine Type or Model:**

Airbus S.A.S. A319-111, -112, -113, -114  
Airbus S.A.S. A320-211, -212, -214, -231, -232  
Airbus S.A.S. A321-111, -112, -211, -271N, -271NX, -272N, -272NX

**Canadian Type Certificate or Equivalent:** A-166

**Description of Type Design Change:**

Installation of Collins Iridium Communications System in accordance with FAA STC ST03974AT.

**Installation/Operating Data,  
Required Equipment and Limitations:**

The Installation of Collins Iridium Communications System is to be performed, maintained, and operated in accordance with Avionics Support Group, Inc. following documents:

- Master Data List 210142-MDL, Revision S, dated November 12, 2022 \*;
- Instructions for Continued Airworthiness 210142-ICA, Revision L, dated November 11, 2022 \*; and,
- Airplane Flight Manual Supplement No. 210142-FMS, Revision B, dated December 14, 2022 \*.

\* Or later FAA approved/accepted revisions.

**Certification basis:**

- For unaffected areas, the type certification basis of the original products as set forth on type certificate A-166 remains applicable.
- For affected areas, compliance was shown to 14 CFR Part 25 Amendments 25-0 to 25-146:  
§ 25.29 § 25.301 § 25.303 § 25.305 § 25.307 § 25.561 § 25.581 § 25.601 § 25.603 § 25.605 § 25.609  
§ 25.611 § 25.613 § 25.1301 § 25.1307 § 25.1309 § 25.1351 § 25.1353 § 25.1357 § 25.1360 § 25.1431  
§ 25.1529 § 25.1541 § 25.1581.
- Regulations at an intermediate amendment: None
- Regulations at the amendment level in TCDS A-166: § 25.571

— End —

**Conditions:** This approval is only applicable to the type/model of aeronautical product specified therein. Prior to incorporating this modification, the installer shall establish that the interrelationship between this change and any other modification(s) incorporated **will not** adversely affect the airworthiness of the modified product.

DocuSigned by:

Kenneth Clayton

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Kenneth Clayton

For Minister of Transport