



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number: ST00912DE

This certificate issued to: Gulfstream Aerospace Corporation
500 Gulfstream Road
Savannah, GA 31408

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: A53NM Make: Gulfstream Aerospace LP
Model: Galaxy, Gulfstream 200

Description of Type Design Change:

Installation of Future Air Navigation System (FANS) 1/A+, Remote Oceanic Controller Pilot Data Link Communications (CPDLC), Automatic Dependent Surveillance - Contract (ADS-C), and CPDLC Departure Clearance (CPDLC-DCL) applications through replacement of the existing Honeywell Airborne Flight Information System (AFIS) Data Management Unit (DMU) with the Rockwell Collins Communications Management Unit (CMU) CMU-1000, replacement of existing Cockpit Voice Recorder and Cockpit Control Unit with Universal Avionics CVR-120, and installation of Latitude DL150-00 Satellite Data Unit (SDU) or True North TN1007-100 Data Link Unit (DLU) in accordance with Master Drawing List E-TM-17-0002, Rev. B, accepted February 13, 2019, or later FAA accepted revision.

Limitations and Conditions:

1. The installer must determine whether this design change is compatible with previously approved modifications.
2. A prerequisite to this STC is the update of the existing Pro Line 4 Flight Management Computers (FMC) software to version 4.0 or later approved versions.
3. This STC does not provide the necessary "Operational Approval" for the use of the FANS 1/A+ functions.
4. This STC is specific to the following aircraft serial numbers: Galaxy serial numbers 052-056, Gulfstream 200 serial numbers 057 and subsequent.
5. 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.

(Limitations and Conditions continued on page 3)

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: June 15, 2018

Date Reissued: June 24, 2019

Date of Issuance: February 26, 2019

Date Amended:

By Direction of the Administrator

Signature _____

Title Christina Underwood
 Manager, Atlanta ACO Branch
 Compliance & Airworthiness Division

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

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:

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

(Continuation Sheet)

Number: ST00912DE

Limitations and Conditions continued:

6. Instructions for Continued Airworthiness E-TM-17-0008, Rev. IR, dated January 31, 2019, FAA approved February 20, 2019, or later FAA approved revision, must be made available at installation.

7. Airplane Flight Manual Supplement E-TM-17-0009, Rev. IR, FAA approved November 28, 2018, or later FAA approved revision, must be attached to the FAA approved Airplane Flight Manual upon completion.

8. Certification Basis:

Based on 14 CFR §§ 21.115 and 21.101, and FAA order 8110.48, the type certification basis for parts changed or affected by the change due to this modification is:

a. Regulations at the TCDS Certification Basis, amendments 25-1 through 25-82:

25.251(b)(d), 25.301, 25.303, 25.305, 25.307(a), 25.337, 25.341, 25.473, 25.561(c), 25.571(a)(b), 25.581(a)(b), 25.601, 25.603, 25.605, 25.607, 25.609, 25.611, 25.613, 25.619, 25.625(a)(b)(c), 25.671(a), 25.771(a), 25.773(a)(2), 25.777(a)(b), 25.853(a), 25.869(a)(4), 25.1307(c), 25.1316(b), 25.1321(d)(e), 25.1351(a), 25.1353(a), 25.1357(a)(c), 25.1363(b), 25.1381, 25.1419(a), 25.1431(a)(b)(c), 25.1529, 25.1555(a), 25.1581, 25.1583(c), and 36.7

b. Regulations at the latest amendment originally imposed by special conditions:

25.1317(c) at amdt. 25-122

c. Regulations at later amendments than the TCDS for the Data Link System:

25.1301(a) at amdt. 25-123, 25.1309(a)(b)(c)(d)(e) at amdt. 25-123, 25.1322 at amdt. 25-131, 25.1457 at amdt. 25-124, and 25.1523 at amdt. 25-3

-----END-----

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).