



Transport
Canada

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Department of Transport

Supplemental Type Certificate

This approval is issued to:

Sky Service F.B.O. Inc.
6120 Midfield Road
Mississauga, Ontario
Canada L5P 1B1

Number: SA15-5

Issue No.: 2

Approval Date: January 16, 2015

Issue Date: January 27, 2016

Responsible Office:

Ontario

Aircraft/Engine Type or Model:

Gulfstream Aerospace GALAXY, Gulfstream 200

Canadian Type Certificate or Equivalent:

A-215 (Gulfstream Aerospace GALAXY, Gulfstream 200)

Description of Type Design Change:

Dual UASC UNS-1Ew FMS with FANS-1/ A+ Data Link Option

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

Installation must be in accordance with Avionics Design Services Ltd. Master Drawing List MDL14060 Revision F, Transport Canada approved January 27, 2016, or later Transport Canada approved revision.

For the Universal UNS-1Ew Flight Management System, operation must be in accordance with Sky Service F.B.O. Inc. flight Manual Supplement FMS14060-1, Revision A, Transport Canada approved March 12, 2015, or later Transport Canada approved revision.

-See Continuation Sheet-

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.

Thomas Gretton
For Minister of Transport



Canada



(Continuation Sheet)

Number: SA15-5 Issue 2

NOTE: THIS ADDENDUM SHALL REMAIN PART OF THE CERTIFICATE REFERRED TO THEREIN.

For the Universal Avionics UL-801 Unilink / FANS-1A+ Data Link System, operation must be in accordance with Sky Service F.B.O. Inc. flight Manual Supplement FMS14060-2, Revision N/C, Transport Canada approved January 27, 2015 or later Transport Canada approved revision.

Maintenance must be in accordance with Transport Canada accepted Sky Service F.B.O. Inc. Instructions for Continued Airworthiness ICA14060-1 Revision B, dated October 1, 2015, or later Transport Canada accepted revision. Compliance with Chapter 4.0 "Airworthiness Limitations" of these Instructions for Continued Airworthiness is mandatory.

ST09625SC and ST03358AT-D are prerequisites to this approval.

Basis of Certification:

Basis of Certification as defined in Type Certificate Data Sheet A-215, Issue 3, Plus compliance with FAR Part 25, Sec. 25.1457 (amdt. 25-124) (a);(b);(c);(d)(1)-(3),(d)(5)-(6);(e);(f);(g).

FAR compliance not shown Sec 25.1457 at amdt. 25-124) (d)(4).

— End —



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate
IMPORT

Number: ST03813NY

This certificate issued to: Sky Service F.B.O. Inc.
6120 Midfield Road
Mississauga, Ontario L5P 1B1 Canada

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:

- 1. Installation of Dual UASC UNS-1Ew FMS with FANS-1/A + Data Link Option in accordance with Avionics Design Services Ltd. Master Drawing List MDL14060 Revision F, Transport Canada Civil Aviation (TCCA) approved January 27, 2016, or later TCCA approved revision.
2. Maintenance in accordance with TCCA accepted Sky Service F. B. O. Inc. Instructions for Continued Airworthiness 14060-1 Revision B, dated October 1, 2015 or later TCCA accepted revision.

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

Limitations and Conditions:

- 1. The following modification must be installed prior to installing this STC: FAA STC ST09625SC (Installation of A Universal Unilink UL-601 Datalink data communication system) and FAA STC ST03358AT-D (Installation of Universal UNS-1C+Dual Flight Management System Software).
2. Compliance with Chapter 4.0 "Airworthiness Limitations" of Instructions for Continued Airworthiness 14060-1 Revision B, dated October 1, 2015 or later TCCA accepted revision is mandatory.

(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, and revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of Application: April 24, 2016 Date Reissued:

Date of Issuance: October 14, 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).



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: ST03813NY

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: ST03813NY

Date of Issuance: October 14, 2016

Description of Type Design Change (continued):

3. For the Universal UNS-1Ew Flight Management System, operation in accordance with Sky Service F.B.O. Inc. Flight Manual Supplement FMS14060-1, Revision A, TCCA approved March 12, 2015 or later TCCA approved revision.
4. For the Universal Avionics UL-801 Unilink/FANS-1A+ Data Link System, operation in accordance with Sky Service F.B.O. Inc. Flight Manual Supplement FMS14060-2, Revision N/C, TCCA approved January 27, 2015 or later TCCA approved revision.

Limitations and Conditions (continued):

3. If the holder agrees to permit another person to use the certificate to alter the product, the holder shall give the other person written evidence of that permission.
4. The installer must determine whether this design change is compatible with previously approved modifications.

Certification Basis:

Based on 14 CFR pp 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for the Gulfstream Aerospace LP GALAXY/GULFSTREAM 200 aircraft is as follows:

- (a) The type certification basis for the Gulfstream Aerospace LP GALAXY/GULFSTREAM 200 as shown on the FAA Type Certificate Data Sheet TCDS A53NM for parts not changed or not affected by the change.
- (b) The certification basis for the Gulfstream Aerospace LP GALAXY/GULFSTREAM 200 as shown on the FAA Type Certificate Data Sheet TCDS A53NM and FAA approved STC ST09625SC dated July 1, 2002 and FAA approved STC ST03358AT-D 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).