

United States Of America
Department of Transportation - Federal Aviation Administration
Supplemental Type Certificate

Number SA10690SC-D

This Certificate issued to L-3 Communications Integrated Systems, L.P.
10001 Jack Finney Blvd.
Greenville, TX 75402

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 25 of the Federal Aviation Regulations.

Original Product Type Certificate Number: A12EA
***SEE PAGE 3** *Make :* Gulfstream
Model : G-1159A (C20B)

Description of Type Design Change: Replacement of the MCS (Mission Communications System) Comm Switch in accordance with L-3 Communications Integrated Systems, L.P. Sealed Drawing List SDL 18132-1, Revision A, dated 30 March 2011 or later FAA/ODA approved revisions.

Limitations and Conditions: This installation should not be incorporated in any aircraft unless it is determined that the interrelationship between this installation and any previously approved configuration will not introduce any adverse effect upon the airworthiness of the aircraft.

(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 : 31 March 2009

Date reissued :

Date of issuance : 01 April 2011

Date amended :

By direction of the Administrator



Dr. Michael E. Hopper (Signature)

ODA Administrator, ODA-750173-SW
(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Regional 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 of transferee)* _____

(Address of transferee) _____
(Number and street)

(City, State, and Zip code)

from *(Name of grantor)* *(Print or type)* _____

(Address of grantor) _____
(Number and street)

(City, State and Zip code)

Extent of Authority (if licensing agreement): _____

Date of Transfer: _____

Signature of grantor *(In ink)*: _____

Supplemental Type Certificate

(Continuation Sheet)

Number SA10690SC-D

Date of Issuance: 01 April 2011

Limitations and Conditions: (Continued)

1. Instructions for Continued Airworthiness (ICA), L-3 Communications Integrated Systems, Greenville Document No. G18132.28.08 Revision NC, dated 10 March 2011, or later FAA accepted revision must be made available to the operator at the time of installation.
2. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.
3. STC SA1904SO AND SA9206SC-D must be installed prior to installation of this STC.

Certification Basis:

Based on 14 CFR §§ 21.115 and 21.101, the certification basis for the Gulfstream G1159A aircraft is as follows:

- a. The type certification basis for Gulfstream G1159A series airplanes is shown on TCDS A12EA 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, 31 March 2009, is as shown in TCDS A12EA with the exception that 25.1529 is at amendment 54. 14 CFR part 25.981 (a)(3) amendment 102 electrical/electronic aspects has been added as part of the certification basis for this modification.

If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission

-----END-----