



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number: ST01075DE

This certificate issued to: *Peregrine*
7385 S Peoria St, Unit C4
Englewood, CO 80112

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 Federal Aviation Regulations.

Original Product *A16NM*
Type Certificate Number:

Make: *Gulfstream Aerospace LP*

Model: *G150*

Description of Type Design Change:

Installation of Supplemental Flap/Slat Actuator Heater System in accordance with Document No. E-GS-20-0002, Master Drawing List, Flap/Slat Actuator Supplemental Heaters Gulfstream G150, Revision C dated 10/9/2020, FAA approved 11/2/2020 or later FAA approved revision. Instructions for Continued Airworthiness (ICA), Document No. E-GS-20-0008, Revision IR dated 10/9/2020, FAA Accepted 11/2/2020, or later FAA accepted revision are required to be made available at installation. FAA Approved Airplane Flight Manual Supplement, Document No. E-GS-20-0009, Revision IR dated 10/12/2020, FAA Approved 11/2/2020 or later FAA approved revision is required for this modification.

Limitations and Conditions:

- 1. The installer must determine whether this design change is compatible with previously approved modifications.*
- 2. 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, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of Application: 09/03/2020 *Date Reissued:* _____

Date of Issuance: 11/02/2020 *Date Amended:* _____

By Direction of the Administrator

Signature:

*Kreg R. Voorhies, ODA Lead administrator
Cert Works, LLC ODA*

Title: ODA No. ODA(AIR)-833887-NM

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: _____

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).



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Supplemental Type Certificate

(Continuation Sheet)

Number: ST01075DE

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 Gulfstream Aerospace LP G150 Supplemental Flap/Slat Actuator Heater System installation is as follows:

- a. The type certification basis for Gulfstream Aerospace LP G150 airplance as shown on TCDS A16NM 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, 9/3/2020, is based upon 14 CFR Part 25 as amended by amendments 25-1 through 25-108. 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 this modification was determined to be:

Regulations at the TCDS Certification Basis:

14 CFR Sections: 25.301 Amdt. 25-23; 25.303 Amdt. 25-23; 25.305(a)(b)(3) Amdt. 25-77; 25.307(a) Amdt. 25-72; 25.337(a)(b)(c) Amdt. 25-23; 25.561(c) Amdt. 25-23; 25.601 Amdt. - ; 25.603 Amdt. 25-46; 25.605(a) Amdt. 25-46; 25.607 Amdt. 25-23; 25.609 Amdt. - ; 25.611 Amdt. 25-23; 25.613 Amdt. 25-72; 25.619 Amdt. 25-23; 25.625 Amdt. 25-72; 25.671(c) Amdt. 25-23; 25.771(a) Amdt. 25-4; 25.773(a)(2) Amdt. 25-46; 25.777(a)(c) Amdt. 25-46; 25.853(a) Amdt. 25-83; 25.869(a)(4) Amdt. 25-72; 25.1301 Amdt. - ; 25.1309(a)(b)(d)(g) Amdt. 25-41; 25.1322(c)(d) Amdt. 25-38; 25.1351(a)(d)(1) (2) Amdt. 25-41; 25.1353(a)(b) Amdt. 25-42; 25.1357(a)(c) Amdt. - ; 25.1381 Amdt. 25-72; 25.1431 Amdt. - ; 25.1529 Amdt. 25-54; 25.1581 Amdt. 25-72

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Any alteration of this certificate and/or the Type Certificate Data Sheet is punishable by a fine 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 Title 14 of the Code of Federal Regulations, part 21, section 21.47 (14 CFR 21.47). A transfer must be endorsed as provided on the reverse hereof. A Type Certificate holder who allows a person to use the Type Certificate to manufacture a new aircraft, aircraft engine, or propeller must provide that person with a written licensing agreement acceptable to the FAA. (Ref. 14 CFR 21.55).