



US Department
of Transportation
Federal Aviation
Administration

MAJOR REPAIR AND ALTERATION
(Airframe, Powerplant, Propeller, or Appliance)

OMB No. 2120-0020
Exp: 05/31/2023

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

1. Aircraft	Nationality and Registration Mark N42JH	Serial No. 5024	
	Make Gulfstream Aerospace	Model GV-SP (G550)	Series
2. Owner	Name (As shown on registration certificate) TVPX Aircraft Solutions, Inc. Trustee	Address (As shown on registration certificate)	
		Address 39 East Eagle Ridge Drive, Suite 201	
		City North Salt Lake	State UT
		Zip 84054-2533	Country USA

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
☐	☒	AIRFRAME	<u>Gulfstream Aerospace</u>	(As described in Item 1 above)	<u>5024</u>
☐	☐	POWERPLANT			
☐	☐	PROPELLER			
☐	☐	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency	
Name Pro Star Aviation, LLC		☐ U. S. Certificated Mechanic	☐ Manufacturer
Address 8 Kelly Avenue		☐ Foreign Certificated Mechanic	C. Certificate No.
City Londonderry	State NH	☒ Certificated Repair Station	P6UR006Y
Zip 03053	Country USA	☐ Certificated Maintenance Organization	

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Extended range fuel per 14 CFR Part 43 App. B ☐	Signature/Date of Authorized Individual Keith Chagnon  08-27-2024
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7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is ☒ Approved ☐ Rejected

BY	FAA Flt. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
	FAA Designee ☒	Repair Station	Inspection Authorization	

Certificate or Designation No. P6UR006Y	Signature/Date of Authorized Individual Kurtis Kitner  08-27-2024
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NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

N42JH

Nationality and Registration Mark

08-27-2024

Date

----- COLLINS VENUE CABIN MANAGEMENT SYSTEM INSTALLATION -----

- Installed the associated electrical wiring, cabling and component provisions for the Venue Cabin Management System, referencing the Pro Star electrical drawing 4720, Revision A, DER Approved on FAA Form 8110-3, dated 08-27-24.
- Modified the Auxiliary CB Panel for the Venue Cabin Management System, referencing the Pro Star electrical drawing 4724, Revision IR, DER Approved on FAA Form 8110-3, dated 08-22-24.

----- CABIN AUDIO AND ENTERTAINMENT SYSTEM INSTALLATION -----

- Installed the associated electrical wiring, cabling and component provisions for the Cabin Audio and Entertainment System, referencing the Pro Star electrical drawings 4721, Revision IR and 4724, Revision IR, DER Approved on FAA Form 8110-3, dated 08-22-24.

----- AIRCRAFT LIGHTING INTERNATIONAL CABIN LIGHTING SYSTEM INSTALLATION -----

- Installed the associated electrical wiring, cabling and component provisions for the Cabin Lighting System, referencing the Pro Star electrical drawings 4722, Revision IR, 4728, Revision IR and 4741, Revision IR, DER Approved on FAA Form 8110-3, dated 08-22-24.

----- MID-CONTINENT TA360 USB/TWC WIRELESS CHARGING SYSTEM INSTALLATION -----

- Installed the associated electrical wiring, cabling and component provisions for the TA360 USB Charging System, referencing the Pro Star electrical drawing 4723, Revision IR, DER Approved on FAA Form 8110-3, dated 08-22-24, as recorded on FAA Form 337, dated 08-26-24.

----- KGS 60 HZ CONVERTER SYSTEM INSTALLATION -----

- Installed the associated electrical wiring, cabling and component provisions for the 60 Hz Converter System, referencing the Pro Star electrical drawing 4751, Revision IR, DER Approved on FAA Form 8110-3, dated 08-22-24, as recorded on FAA Form 337, dated 08-26-24.
- Installed the Frequency Converter in the location vacated by the removal of the 50 Hz Converter, referencing the KGS 50/60 Hz AC Frequency Power Converter Outline drawing.

- For electrical loading, refer to the Electrical Load Analysis Supplement, Pro Star document 802676-ELA-01, Revision IR, DER Approved on FAA Form 8110-3, dated 08-22-24.
- The flammability testing for the Ethernet Cable (part number NF24Q100), Ethernet Cable (part number E6A3826), Coaxial Cable (part number V73263), Coaxial Cable (part number V75268) and MDSB Cable (part number 2011-1-1) has been accomplished, as recorded on Flammability Report, document 24-019, revision IR, DER Approved on FAA Form 8110-3, dated 08-22-24.
- For continued airworthiness of the System installations (identified above), refer to Instructions for Continued Airworthiness, Pro Star document 802676-ICA-01, Revision IR, supplied to the operator.
- For the current weight and balance, refer to the Aircraft Weight and Balance Report, dated 08-26-24 (Altus, CRS EW7R379W, work order 29418).
- Refer to the Aircraft Equipment List Supplement, dated 08-27-24, for further information reflecting this modification.

----- END -----

☒ Additional Sheets Are Attached

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION DETERMINATION OF COMPLIANCE WITH AIRWORTHINESS STANDARDS		1. PROJECT NO. (if applicable)	
AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION			
2. MAKE Gulfstream Aerospace Corp.	3. MODEL NO. GV-SP	4. TYPE (Aircraft, Engine, Propeller, Actuator etc.) Aircraft	5. NAME OF APPLICANT Pro Star Aviation, LLC
PURPOSE OF DATA			
6. IN SUPPORT OF: ☐ TC/ATC ☐ STC ☐ PMA ☐ Major Repair ☒ Major Alteration ☐ Other (Explain)			
PROJECT SPECIFIC INFORMATION: In support of a major alteration for installations to upgrade the existing cabin systems on aircraft serial number 5024.			
PURPOSE OF SUBMITTAL: Review and approval of electrical aspects of engineering data in support of the installations as noted above in the project specific information.			
LIST OF DATA			
List the data for this submittal including applicable drawings, material specifications, and process specifications and any other data that shows or contributes to a showing of compliance with the applicable requirements listed in block 9. A reference to a drawing list, including revision level, may be used.			
7. IDENTIFICATION Dwg. 4720, Rev A Dated 8/27/2024	8. TITLE OF DATA VENUE CABIN MANAGEMENT SYSTEM WIRING DIAGRAM Notes: This approval is for engineering design data only. It indicates the data listed above demonstrates compliance only with the regulations specified by paragraph and subparagraph listed below as 'Applicable Requirements'. The electrical aspects only of the data are approved herein. Structural, flammability, Mechanical, Flight Analyst, and Flight Test aspects are not included in this approval. This approval does not constitute installation approval.		
9. APPLICABLE REQUIREMENTS (List specific sections and amendment levels) Reference TCDS A12EA Revision 53. 14 CFR 25.1301 (a)(b)(c) [Amdt. 25-0]; 25.1307 (c) [Amdt. 25-72]; 25.1322 (d) [Amdt. 25-38]; 25.1357 (a)(c) [Amdt. 25-0].			
10. FAA DESIGNEE APPROVAL - As directed by the Administrator and in accordance with the conditions and limitations of authorization under 14 CFR, Part 183, data listed above, and on attached sheets numbered _____, have been examined in accordance with established procedures. I therefore ☒ APPROVE the data above ☐ RECOMMEND APPROVAL of the data above			
FOR MAJOR REPAIR OR MAJOR ALTERATION ONLY – Other data approvals ☒ ARE REQUIRED ☐ ARE NOT REQUIRED EXPLAIN : Compliance with additional regulations not listed may be required. This form does not constitute FAA approval of all engineering data necessary for substantiation of compliance to necessary requirements for the entire alteration. ☐ MANAGING OFFICE WAS CONTACTED (required when approval was made outside the U.S and/or involved critical or life limited parts)			
11. DER/ODA NUMBER [REDACTED]	12. PRINTED NAME Michael Eli Touchette		
13. TECHNICAL DISCIPLINE DER-T (Electrical Systems Engineering)	14. SIGNATURE <i>Michael Eli Touchette</i>		16. DATE 08/27/2024
FAA APPROVAL (For FAA use when designee recommends approval above, or when approval is reserved for the FAA)			
17. PRINTED NAME/FAA OFFICE		18. TECHNICAL DISCIPLINE	
19. SIGNATURE		20. DATE	

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION DETERMINATION OF COMPLIANCE WITH AIRWORTHINESS STANDARDS		1. PROJECT NO.(if applicable)	
AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION			
2. MAKE Gulfstream Aerospace Corp.	3. MODEL NO. GV-SP	4. TYPE (Aircraft, Engine, Propeller, Actuator etc.) Aircraft	5. NAME OF APPLICANT Pro Star Aviation, LLC
PURPOSE OF DATA			
6. IN SUPPORT OF: ☐ TC/ATC ☐ STC ☐ PMA ☐ Major Repair ☒ Major Alteration ☐ Other (Explain) In support of a major alteration for installations to upgrade the existing cabin systems on aircraft PROJECT SPECIFIC INFORMATION: serial number 5024. PURPOSE OF SUBMITTAL: Review and approval of electrical aspects of engineering data in support of the installations as noted above in the project specific information.			
LIST OF DATA			
List the data for this submittal including applicable drawings, material specifications, and process specifications and any other data that shows or contributes to a showing of compliance with the applicable requirements listed in block 9. A reference to a drawing list, including revision level, may be used.			
7. IDENTIFICATION Dwg. 4720, Rev IR Dated 8/21/2024 Dwg. 4721, Rev IR Dated 8/21/2024 Dwg. 4722, Rev IR Dated 8/21/2024 Dwg. 4723, Rev IR Dated 8/21/2024 Dwg. 4724, Rev IR Dated 8/21/2024 Dwg. 4728, Rev IR Dated 8/21/2024 Dwg. 4741, Rev IR Dated 8/21/2024 Dwg. 4751, Rev IR Dated 8/21/2024	8. TITLE OF DATA VENUE CABIN MANAGEMENT SYSTEM WIRING DIAGRAM CABIN ENTERTAINMENT AUDIO & VIDEO WIRING DIAGRAM CABIN LIGHTING WIRING DIAGRAM USB CHARGING PORTS WIRING DIAGRAM AUX CB PANEL (MOD) WIRING DIAGRAM CABIN SPOT LIGHTS (MOD) WIRING DIAGRAM VESTIBULE ELECTRICAL MOD WIRING DIAGRAM LEFT 60HZ CONVERTER WIRING DIAGRAM		
9. APPLICABLE REQUIREMENTS (List specific sections and amendment levels) Reference TCDS A12EA Revision 53. 14 CFR 25.1301 (a)(b)(c) [Amdt. 25-0]; 25.1307 (c) [Amdt. 25-72]; 25.1322 (d) [Amdt. 25-38]; 25.1351 (a)(1) [Amdt. 25-72]; 25.1357 (a)(c) [Amdt. 25-0].			
10. FAA DESIGNEE APPROVAL - As directed by the Administrator and in accordance with the conditions and limitations of authorization under 14 CFR, Part 183, data listed above, and on attached sheets numbered 2____, have been examined in accordance with established procedures. I therefore ☒ APPROVE the data above ☐ RECOMMEND APPROVAL of the data above			
FOR MAJOR REPAIR OR MAJOR ALTERATION ONLY – Other data approvals ☒ ARE REQUIRED ☐ ARE NOT REQUIRED EXPLAIN : Compliance with additional regulations not listed may be required. This form does not constitute FAA approval of all engineering data necessary for substantiation of compliance to necessary requirements for the entire alteration. ☐ MANAGING OFFICE WAS CONTACTED (required when approval was made outside the U.S and/or involved critical or life limited parts)			
11. DER/ODA NUMBER [REDACTED]		12. PRINTED NAME Michael Eli Touchette	
13. TECHNICAL DISCIPLINE DER-T (Electrical Systems Engineering)		14. SIGNATURE <i>Michael Eli Touchette</i>	
		16. DATE Digitally Signed 08/22/2024	
FAA APPROVAL (For FAA use when designee recommends approval above, or when approval is reserved for the FAA)			
17. PRINTED NAME/FAA OFFICE		18. TECHNICAL DISCIPLINE	
19. SIGNATURE		20. DATE	

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION DETERMINATION OF COMPLIANCE WITH AIRWORTHINESS STANDARDS		1. PROJECT NO.(if applicable)
7. IDENTIFICATION Document No. 802676-ELA-01 Rev. IR, Dated 08/19/24	8. TITLE OF DATA ELECTRICAL LOAD ANALYSIS SUPPLEMENT AIRCRAFT MAKE: GULFSTREAM AEROSPACE AIRCRAFT MODEL: GV-SP AIRCRAFT SERIAL NUMBER: 5024 Notes: This approval is for engineering design data only. It indicates the data listed above demonstrates compliance only with the regulations specified by paragraph and subparagraph listed below as 'Applicable Requirements'. The electrical aspects only of the data are approved herein. Structural, flammability, Mechanical, Flight Analyst, and Flight Test aspects are not included in this approval. This approval does not constitute installation approval.	

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION DETERMINATION OF COMPLIANCE WITH AIRWORTHINESS STANDARDS		1. PROJECT NO.(if applicable)
AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION		
2. MAKE Gulfstream Aerospace Corporation	3. MODEL NO. GV-SP	4. TYPE (Aircraft, Engine, Propeller, Actuator etc.) Aircraft 5. NAME OF APPLICANT Pro Star Aviation
PURPOSE OF DATA		
6. IN SUPPORT OF: ☐ TC/ATC ☐ STC ☐ PMA ☐ Major Repair ☒ Major Alteration ☐ Other (Explain)		
PROJECT SPECIFIC INFORMATION: Venue and Alto installation.		
PURPOSE OF SUBMITTAL: Approval of previously tested and approved wires / cables. Carlisle Interconnect Technologies P/N NF24Q100, PIC Wire & Cable P/N E6A3826, V73263 and V75268 and Rockwell Collins P/N 2011-1-1.		
LIST OF DATA		
List the data for this submittal including applicable drawings, material specifications, and process specifications and any other data that shows or contributes to a showing of compliance with the applicable requirements listed in block 9. A reference to a drawing list, including revision level, may be used.		
7. IDENTIFICATION 24-019 Rev. IR Dated: 8/21/2024	8. TITLE OF DATA Flammability Report, 60 Degree Wire Approval Based on Previously Tested and Approved Data Notes: This approval is for engineering design data only. It indicates the data listed above demonstrates compliance only with the regulations specified by paragraph and subparagraph listed below as 'Applicable Requirements'. Notes: 1 - This approval is for the flammability test report only. 2 - This is for a Gulfstream Aerospace Corporation, GV-SP, s/n 5024, N42JH. 3 - This covers cables ECS P/N NF24Q100, P/N E6A3826, V73263, V75268 and 2011-1-1. 4 - This 8110-3 supersedes the one dated 8/21/2024 to reduce the verbiage in the Purpose of Submittal to get it to fit on one page.	
9. APPLICABLE REQUIREMENTS (List specific sections and amendment levels) 14 CFR Part 25.869(a)(4) Amdt. 25-113 Appendix F Part I (a)(3)		
10. FAA DESIGNEE APPROVAL - As directed by the Administrator and in accordance with the conditions and limitations of authorization under 14 CFR, Part 183, data listed above, and on attached sheets numbered _____, have been examined in accordance with established procedures. I therefore ☒ APPROVE the data above ☐ RECOMMEND APPROVAL of the data above FOR MAJOR REPAIR OR MAJOR ALTERATION ONLY – Other data approvals ☐ ARE REQUIRED ☒ ARE NOT REQUIRED EXPLAIN : This approval is just for the flammability report only. ☐ MANAGING OFFICE WAS CONTACTED (required when approval was made outside the U.S and/or involved critical or life limited parts)		
11. DER/ODA NUMBER [REDACTED]	12. PRINTED NAME Gary K Palmer	
13. TECHNICAL DISCIPLINE DER-T (Structural Engineering)	14. SIGNATURE <i>Gary K Palmer</i>  Digitally Signed 08/22/2024	
FAA APPROVAL (For FAA use when designee recommends approval above, or when approval is reserved for the FAA)		
17. PRINTED NAME/FAA OFFICE	18. TECHNICAL DISCIPLINE	
19. SIGNATURE	20. DATE	

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		1. PROJECT NO.(if applicable)
DETERMINATION OF COMPLIANCE WITH AIRWORTHINESS STANDARDS		
6B. PURPOSE OF SUBMITTAL:		
2011-1-1.		



Federal Aviation Administration
Aircraft Registration Branch, AFS-750
P.O. Box 25504
Oklahoma City, OK 73125

Attn:

Please find enclosed FAA form 337 for the following aircraft:

Registration: N42JH
Make: Gulfstream Aerospace
Model: GV-SP (G550)
Serial No.: 5024

Thank You,

John Driscoll
Pro Star Aviation
Manchester-Boston Regional Airport
8 Kelly Ave
Londonderry, NH 03053

E-mail: johndriscoll@prostaraviation.com
(603) 627-7827 Voice
(603) 296-4640 Fax



US Department
of Transportation
Federal Aviation
Administration

MAJOR REPAIR AND ALTERATION
(Airframe, Powerplant, Propeller, or Appliance)

OMB No. 2120-0020
Exp:8/31/2014

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See FAR 43.9 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. 44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. 46301(a)).

1. Aircraft	Nationality and Registration Mark USA N42JH	Serial No. 5024	
	Make Gulfstream Aerospace	Model GV-SP (G550)	Series
2. Owner	Name (As shown on registration certificate) TVPX Aircraft Solutions Inc. Trustee	Address (As shown on registration certificate) Address 39 E. Eagle Ridge Dr. Suite 201 City North Salt Lake State UT Zip 84054-2533 Country USA	

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteratio	Unit	Make	Model	Serial No.
☐	☒	AIRFRAME	-----	(As described in item 1 above)	-----
☐	☐	POWERPLANT			
☐	☐	PROPELLER			
☐	☐	APPLIANCE	Type Manufacturer		

6. Conformity Statement

A. Agency's Name and Address International Jet Interiors 2221 Smithtown Ave Ronkonkoma, New York 11779 USA	B. Kind of Agency	Manufacturer
	☐ U.S. Certificated Mechanic	C. Certificate No.
	☐ Foreign Certificated Mechanic	CRS I1JR439Y
	☒ Certificated Repair Station	
	☐ Certificated Maintenance	

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments here to have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Extended range fuel per
14 CFR Part 43 ☐
App. B

Signature/Date of Authorized Individual

Jay Massar 08/26/2024

7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is ☒ **APPROVED** ☐ **REJECTED**

BY	FAA Fit. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
	FAA Designee	☒ Repair Station	Inspection Authorization	Other (Specify)

Certificate or
Designation No.
CRS I1JR439Y

Signature/Date of Authorized Individual

E. Julian Murray 08/26/2024

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets, Identify with aircraft nationality and registration mark and date work accomplished.)

Nationality and Registration Mark
USA N42JH

Date
08/28/2024

1. Removed previously installed temporary ballast from the cabin interior. Reference FAA 337 Form dated 2/28/2024.
2. Accomplished the following modifications/alterations/refurbishment as listed below to an existing executive interior in accordance with the below listed International Jet Interiors Drawings. Below listed Structural drawings were approved via Lee Products Engineering Services, Inc Document No: 3990-ST-001 Revision IR and FAA/DER Form 8110-3, (attached) dated August 20, 2024, by Robert F. Clossin (DER/ODA Number [REDACTED])

DRAWING NUMBER	REV	TITLE OR DESCRIPTION
IJI-550-5024-01	IR	INSTL-BALLAST WEIGHT
IJI-550-5024-02	IR	INSTL-CREDENZA
IJI-550-5024-03	IR	COUNTERTOP FABRICATION
IJI-550-5024-04	IR	INSTL-AFT LAV MOD
IJI-550-5024-05	IR	INSTL-FWD RH GALLEY MOD
IJI-550-5024-06	IR	INSTL-MONITORS
IJI-550-5024-07	IR	INSTL-AFT CABINET MOD
IJI-550-5024-08	IR	INSTL-PSU MOD
IJI-550-5024-09	IR	INSTL-TC-6000/USB CHARGERS
IJI-550-5024-10	IR	INSTL-FWD LAV MOD
IJI-550-5024-11	IR	INTERIOR INSTL MOD

3. Stripped and recovered the existing Cockpit Headliner Panels, Window Line Panels, Upper & Lower Side Wall Panels and Bulkhead Panels with Moore and Giles Holland Mercury Leather 5700HE-FT. Reference ACCS Flammability Definition Drawing No. 4068-FD-001 Rev IR dated May 17, 2024, approved via FAA/DER form 8110-3, (attached) dated May 21, 2024 (attached) by Robert F. Clossin (DER/ODA [REDACTED])
4. Removed existing cockpit floor covering, Jepp storage top surfaces, center pedestal vertical faces and the vertical riser and recovered with Scott Group Dash Sirius M2387/M2660 carpet. The interior Jepp storage area will be stripped and recovered with Tapis Grospoint Mid Gray GPFR0014 fabric. Reference ACCS Flammability Definition Drawing No. 4068-FD-001 Rev IR dated May 17, 2024, approved via FAA/DER form 8110-3, (attached) dated May 21, 2024 by Robert F. Clossin (DER/ODA [REDACTED])
5. Reupholstered the two (2) cockpit crew seats with Moore and Giles Holland Mercury Leather 5700HE-FT and Avialamb Straight/Steel CSC008 sheepskin inserts on the bottom and back cushions. Reference ACCS Flammability Definition Drawing No. 4068-FD-001 Rev IR dated May 17, 2024, approved via FAA/DER form 8110-3, (attached) dated May 21, 2024 by Robert F. Clossin (DER/ODA [REDACTED]) The existing lap belt, shoulder restraints and crotch strap assemblies were re-webbed with AmSafe Poly Dark Gray 8190 using the existing hardware. Reference C&M Marine Aviation Services Inc. (CRS# V05R749Y) FAA Form 8130-3, tracking # 20883 dated July 12, 2024.
6. Reupholstered the cockpit observer seat with Moore and Giles Holland Mercury Leather 5700HE-FT. Reference ACCS Flammability Definition Drawing No. 4068-FD-001 Rev IR dated May 17, 2024, approved via FAA/DER form 8110-3, (attached) dated May 21, 2024 (attached) by Robert F. Clossin (DER/ODA [REDACTED]) The existing lap belt, shoulder restraints and crotch strap assemblies were re-webbed with AmSafe Poly Dark Gray 8190 using the existing hardware Reference C&M Marine Aviation Services Inc. (CRS# V05R749Y) FAA Form 8130-3, tracking # 20883 dated July 12, 2024.
7. Stripped and recovered the existing cabin hard wood and veneer surfaces with Goodrich VN01- Booth F/C Walnut. Reference ACCS Flammability Definition Drawing No. 4131-FD-001 Rev IR dated July 24, 2024, approved via FAA/DER form 8110-3, (attached) dated July 29, 2024, Robert F. Clossin (DER/ODA [REDACTED])

☐ Additional Sheets Are Attached

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets, identify with aircraft nationality and registration mark and date work accomplished.)

Nationality and Registration Mark

USA N42JH

Date

08/28/2024

8. Removed existing entryway, galley, forward and fwd lavatory floor covering and installed new floor covering with Goodrich VN01- Booth F/C Walnut. Forward lavatory vanity toe kick (outboard duct) was upholstered with Moore and Giles Athens Umber 7070ATU-FT Leather. Reference ACCS Flammability Definition Drawing No. 4131-FD-001 Rev IR dated July 24, 2024, approved via FAA/DER form 8110-3 dated July 29, 2024, (attached) by Robert F. Clossin (DER/ODA [REDACTED]) Reference ACCS Flammability Definition Drawing No. 4158-FD-001 Rev IR dated August 12, 2024, approved via FAA/DER form 8110-3, (attached) dated August 14, 2024, by Robert F. Clossin (DER/ODA [REDACTED])
9. Installed new replacement floor covering throughout the main cabin including side heat ducts with Kalogridis Lumini 21348-H undyed wool/ silk wool carpet. Reference ACCS Flammability Definition Drawing No. 4158-FD-001 Rev IR dated August 12, 2024, approved via FAA/DER form 8110-3, (attached) dated August 14, 2024, by Robert F. Clossin (DER/ODA [REDACTED])
10. The existing edge band around the upper vanity mirror will be metal plated with High Tech HT209 Black Pearl Pearllite (Matte). Reference High Tech Finishing (CRS# Q9HR088B) FAA Form 8130-3, tracking # 371122, dated July 19, 2024. The existing countertop and sink will be removed and replaced with a new countertop and sink in White Lux marble Reference ACCS Flammability Definition Drawing No. 4158-FD-001 Rev IR dated August 12, 2024, approved via FAA/DER form 8110-3, (attached) dated August 14, 2024, by Robert F. Clossin (DER/ODA [REDACTED]) Reference IJI-550-5024-04 IR INSTL-AFT LAV MOD drawing approved via Lee Products Engineering Services, Inc Document No: 3990-ST-001 Revision IR and FAA/DER Form 8110-3, (attached) dated August 20, 2024, by Robert F. Clossin (DER/ODA Number [REDACTED])
11. Remove and discard the L/H #3 and #4 cabin seats and sidewall table. Design, engineered, fabricated and installed a new ledge assembly and one (1) new credenza. The credenza will have two (2) doors and internally house a lift actuated TV. Reference IJI-550-5024-02 IR INSTL-CREDENZA drawing approved via Lee Products Engineering Services, Inc Document No: 3990-ST-001 Revision IR and FAA/DER Form 8110-3, (attached) dated August 20, 2024, by Robert F. Clossin (DER/ODA Number [REDACTED]) A one piece stone countertop of Fusion Wow was installed Reference IJI-G550-5024-03 Countertop Fabrication drawing. approved via Lee Products Engineering Services, Inc Document No: 3990-ST-001 Revision IR and FAA/DER Form 8110-3, (attached) dated August 20, 2024, by Robert F. Clossin (DER/ODA Number [REDACTED]) Reference ACCS Flammability Definition Drawing No. 4158-FD-001 Rev IR dated August 12, 2024, approved via FAA/DER form 8110-3, (attached) dated August 14, 2024, by Robert F. Clossin (DER/ODA Number [REDACTED])
12. The entry headliner panels outboard of the rain door were covered in Tapis Ultraleather Natural 3961 leather. Reference ACCS Flammability Definition Drawing No. 4158-FD-001 Rev IR dated August 12, 2024, approved via FAA/DER form 8110-3, (attached) dated August 14, 2024, by Robert F. Clossin (DER/ODA Number [REDACTED]) The entry headliner panel inboard of the rain door was covered with Rose Uniake Heavy Weight Linen Colour Malt 4163 fabric. Reference ACCS Flammability Definition Drawing No. 4068-FD-001 Rev IR dated May 17, 2024, approved via FAA/DER form 8110-3, (attached) dated May 21, 2024, Robert F. Clossin (DER/ODA [REDACTED])
13. The forward lavatory PSU/valance panel, forward lavatory aft bulkhead, main cabin area headliner panels, main cabin area PSU/valance panels, existing window line panels throughout the aircraft and galley headliner panels were covered with Rose Uniake Heavy Weight Linen Colour Malt 4163 fabric. Accent strip will be covered in the same fabric as the PSU. Reference ACCS Flammability Definition Drawing No. 4068-FD-001 Rev IR dated May 17, 2024, approved via FAA/DER form 8110-3, (attached) dated May 21, 2024, (attached) Robert F. Clossin (DER/ODA [REDACTED]) Reference IJI-550-5024-08 IR INSTL-PSU MOD drawing approved via Lee Products Engineering Services, Inc Document No: 3990-ST-001 Revision IR and FAA/DER Form 8110-3, (attached) dated August 20, 2024, by Robert F. Clossin (DER/ODA Number [REDACTED])

☒ Additional Sheets Are Attached

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets, Identify with aircraft nationality and registration mark and date work accomplished.)

Nationality and Registration Mark
USA N42JH

Date
08/28/2024

14. Forward Lavatory Vanity existing countertop was replaced with a newly manufactured White Lux marble apron countertop and one (1) decorative faucet assembly. Reference ACCS Flammability Definition Drawing No. 4158-FD-001 Rev IR dated August 12, 2024, approved via FAA/DER form 8110-3, (attached) dated August 14, 2024, by Robert F. Clossin (DER/ODA [REDACTED]) Reference IJI-G550-5024-03-10 FWD Lav Mod drawing approved via Lee Products Engineering Services, Inc Document No: 3990-ST-001 Revision IR and FAA/DER Form 8110-3, (attached) dated August 20, 2024, by Robert F. Clossin (DER/ODA Number [REDACTED])
15. Forward & Aft Lavatory Potty Seat and surround(s) will be stripped and upholstered with Moore and Giles Mini J Holland Putty leather. The toilet shroud and lid assembly will be cleaned, prepped, and painted to color coordinate. The shroud and related panels will be stripped and laminated in Goodrich VN01- Booth F/C Walnut. Reference ACCS Flammability Definition Drawing No. 4131-FD-001 Rev IR dated July 24, 2024, approved via FAA/DER form 8110-3, (attached) dated July 29, 2024, (attached) Robert F. Clossin (DER/ODA [REDACTED])
16. Forward R/H galley removed the existing hi-temp oven. Designed, engineered and fabricated forward R/H galley, backsplash and header reference IJI-550-5024-05 IR INSTL-FWD RH GALLEY MOD drawing approved via Lee Products Engineering Services, Inc Document No: 3990-ST-001 Revision IR and FAA/DER Form 8110-3, (attached) dated August 20, 2024, by Robert F. Clossin (DER/ODA Number [REDACTED]) Installed a new Macaubas White stone upper header, backsplash and countertop. Galley sink was plated to match cabin plating. Reference ACCS Flammability Definition Drawing No. 4158-FD-001 Rev IR dated August 12, 2024, approved via FAA/DER form 8110-3, (attached) dated August 14, 2024, by Robert F. Clossin.
17. Thirteen (13) existing electrically operated inner window shade assemblies and one (1) "dummy" fixed shade assembly were removed and shipped to the manufacturer for color change and repair as required. Reference Aerospace Technologies Group (ATG) (CRS# 96QR827C) FAA Form 8130-3, tracking # 39935, dated May 6, 2024.
18. R/H & L/H Drink Rail/Ledges, Side Wall Tables, Conference Table, Aft Cabin Divan End Arm Cabinets and credenza with Kibitzer have incorporated a detailed leather inlay of Moore and Giles Custom Cottswald Leather 7030COT-C. Conference table bumper pads were upholstered with Moore and Giles Cottswald 7030COT Leather. Reference ACCS Flammability Definition Drawing No. 4131-FD-001 Rev IR dated July 24, 2024, approved via FAA/DER form 8110-3, (attached) dated July 29, 2024, (attached) Robert F. Clossin (DER/ODA [REDACTED])
19. Existing Credenza w/Kibitzer cushions were the upholstery with le Cuona SHO2 Shore-dune fabric. Reference ACCS Flammability Definition Drawing No. 4131-FD-001 Rev IR dated July 24, 2024, approved via FAA/DER form 8110-3, (attached) dated July 29, 2024, (attached) Robert F. Clossin (DER/ODA [REDACTED]) IJI-550-5024-07 IR INSTL-AFT CABINET MOD drawing, approved via Lee Products Engineering Services, Inc Document No: 3990-ST-001 Revision IR and FAA/DER Form 8110-3, (attached) dated August 20, 2024, by Robert F. Clossin (DER/ODA Number [REDACTED]) The existing lap belt and shoulder restraints were re-webbed with Schroth 6C2 fabric using the existing hardware. Reference C&M Marine Aviation Services Inc. (CRS# V05R749Y) FAA Form 8130-3, tracking # 20618-4 dated June 10, 2024.
20. Aft Lavatory Forward Bulkhead was modified to create a toilet paper holder Reference IJI-550-5024-04 IR INSTL-AFT LAV MOD approved via Lee Products Engineering Services, Inc Document No: 3990-ST-001 Revision IR and FAA/DER Form 8110-3, (attached) dated August 20, 2024, by Robert F. Clossin (DER/ODA Number [REDACTED])
21. The Aft Bulkhead fabricated a new "head bumper pad" and upholster with 7070ATU-C Moore & Giles Athens Umber. Reference ACCS Flammability Definition Drawing No. 4131-FD-001 Rev IR dated July 24, 2024, approved via FAA/DER form 8110-3, (attached) dated July 29, 2024, Robert F. Clossin (DER/ODA [REDACTED])

☒ Additional Sheets Are Attached

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets, Identify with aircraft nationality and registration mark and date work accomplished.)

Nationality and Registration Mark
USA N42JH

Date
08/28/2024

22. The four (4) original 16g cabin single chairs were replaced with four (4) serviceable 16g seats see IJI Form 09 (IJI Serviceable Tag). Four (4) new overhauled recline Hydroloks were installed. Reference Aviation Fabricators (CRS# GVRR304K) FAA Form 8130-3, tracking # 2024-194 dated March 26, 2024. Reupholstered the four (4) single cabin seats with Moore and Giles Mini J Athens Shoreline 3301ATS-FT leather. Welting was done with Moore and Giles Cream Suede 3300SAT leather. The seat base shrouds were upholstered with Moore and Giles Athens Shoreline 3301ATS-FT leather. Reference ACCS Flammability Definition Drawing No. 4131-FD-001 Rev IR dated July 24, 2024, approved via FAA/DER form 8110-3, (attached) dated July 29, 2024, Robert F. Clossin (DER/ODA [REDACTED]) Reference ACES Substantiation Report Seat Cover and Dress Covering No. A072624-01SR Rev IR dated July 29, 2024, approved via FAA/DER form 8110-3 dated July 29, 2024, (attached) Jeffrey Scott Miller (DER/ODA [REDACTED]) and Flammability Test Report No. A072624-02FR, approved via FAA/DER form 8110-3, (attached) dated August 7, 2024, Jeff A. White (DER/ODA [REDACTED]) The existing lap belt and shoulder restraints were re-webbed with Schroth 6C2 fabric using the existing hardware. Reference C&M Marine Aviation Services Inc. (CRS# V05R749Y) FAA Form 8130-3, tracking # 20618-4 dated June 10, 2024.
23. Reupholstered two (2) 16g cabin double chairs with Moore and Giles Mini J Athens Shoreline 3301ATS-FT leather. Welting was done with Moore and Giles Cream Suede 3300SAT leather. The seat base shrouds were upholstered with Moore and Giles Athens Shoreline 3301ATS-FT leather. Installed four (4) new overhauled recline Hydroloks Reference Aviation Fabricators (CRS# GVRR304K) FAA Form 8130-3, tracking # 2024-194 dated March 26, 2024. Reference ACCS Flammability Definition Drawing No. 4131-FD-001 Rev IR dated July 24, 2024, approved via FAA/DER form 8110-3, (attached) dated July 29, 2024, (attached) Robert F. Clossin (DER/ODA [REDACTED]) Reference ACES Substantiation Report Seat Cover and Dress Covering No. A072624-01SR Rev IR dated July 29, 2024, approved via FAA/DER form 8110-3, (attached) dated July 29, 2024, (attached) Jeffrey Scott Miller (DER/ODA [REDACTED]) and Flammability Test Report No. A072624-02FR, approved via FAA/DER form 8110-3, (attached) dated August 7, 2024, Jeff A. White (DER/ODA [REDACTED]) The existing lap belt and shoulder restraints were re-webbed with Schroth 6C2 fabric using the existing hardware. Reference C&M Marine Aviation Services Inc. (CRS# V05R749Y) FAA Form 8130-3, tracking # 20618-4 dated June 10, 2024.
24. The one (1) 16g R/H Mid Cabin Divan and the two (2) 16g Aft Cabin Divans will be stripped of existing materials. The cushions, and related parts, were upholstered with De Le Cuona Shore Dune 02 material. Reference ACES Substantiation Report Seat Cover and Dress Covering No. A072624-01SR Rev IR dated July 29, 2024, approved via FAA/DER form 8110-3, (attached) dated July 29, 2024, Jeffrey Scott Miller (DER/ODA [REDACTED]) and Flammability Test Report No. A072624-02FR, approved via FAA/DER form 8110-3, (attached) dated August 7, 2024, Jeff A. White (DER/ODA [REDACTED]) Reference ACCS Flammability Definition Drawing No. 4131-FD-001 Rev IR dated July 24, 2024, approved via FAA/DER form 8110-3, (attached) dated July 29, 2024, Robert F. Clossin (DER/ODA [REDACTED]) The existing lap belt and shoulder restraints were re-webbed with Schroth 6C2 fabric using the existing hardware. Reference C&M Marine Aviation Services Inc. (CRS# V05R749Y) FAA Form 8130-3, tracking # 20618-2 dated June 10, 2024.
25. Aft Baggage Panels were stripped and recovered with PFR0014 Tapis Mid Gey. The aft baggage area floor was covered with Tapis Tretford Silver Birch 538 carpet. Fabricate one (1) new padded protective flap using existing attachments with AIP Herculite 80/Red. Reference ACCS Flammability Definition Drawing No. 3988-FD-001 Rev IR dated March 1, 2024, approved via FAA/DER form 8110-3 dated March 4, 2024, (attached) Robert F. Clossin (DER/ODA [REDACTED])

----- NO FURTHER ENTRIES -----

☐ Additional Sheets Are Attached

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION DETERMINATION OF COMPLIANCE WITH AIRWORTHINESS STANDARDS				1. PROJECT NO. (if applicable)	
AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION					
2. MAKE Gulfstream		3. MODEL NO. GV-SP		4. TYPE (Aircraft, Engine, Propeller, Actuator etc.) Aircraft	
5. NAME OF APPLICANT International Jet Interiors, Ronkonkoma NY					
PURPOSE OF DATA					
6. IN SUPPORT OF: ☐ TC/ATC ☐ STC ☐ PMA ☐ Major Repair ☒ Major Alteration ☐ Other (Explain)					
PROJECT SPECIFIC INFORMATION: Ballast Installation					
PURPOSE OF SUBMITTAL: To approve the interior installation and modification data for an interior completion in support of a major alteration on Gulfstream GV-SP (550), S/N 5024.					
LIST OF DATA					
List the data for this submittal including applicable drawings, material specifications, and process specifications and any other data that shows or contributes to a showing of compliance with the applicable requirements listed in block 9. A reference to a drawing list, including revision level, may be used.					
7. IDENTIFICATION		8. TITLE OF DATA			
IJI-G550-5204-02, Rev. IR, dated 8/6/2024		Instl - Credenza			
IJI-G550-5204-03, Rev. IR, dated 4/30/2024		Countertop Fabrication			
IJI-G550-5204-04, Rev. IR, dated 8/6/2024		Instl - Aft Lav Mod			
IJI-G550-5204-05, Rev. IR, dated 8/6/2024		Instl - Fwd RH Galley Mod			
IJI-G550-5204-06, Rev. IR, dated 8/6/2024		Instl - Monitors			
9. APPLICABLE REQUIREMENTS (List specific sections and amendment levels) 14 CFR 25.301(a)(b)(c) [Amdt. 25-23], 25.303 [Amdt. 25-23], 25.305(a)(b) [Amdt. 25-86], 25.307(a) [Amdt. 25-72], 25.341(a) [Amdt. 25-72], 25.561(a)(b)(c) [Amdt. 25-91], 25.601 [No Amdt.], 25.603(a)(b)(c) [Amdt. 25-46], 25.605(a) [Amdt. 25-46], 25.607(a)(b) [Amdt. 25-23], 25.613(a)(b)(e) [Amdt. 25-72], 25.625(a)(b)(c) [Amdt. 25-72], 25.787(a)(b) [Amdt. 25-51], 25.789(a) [Amdt. 25-46], and 25.1541(a)(b) [No Amdt.]					
10. FAA DESIGNEE APPROVAL - As directed by the Administrator and in accordance with the conditions and limitations of authorization under 14 CFR, Part 183, data listed above, and on attached sheets numbered 2, have been examined in accordance with established procedures. I therefore ☒ APPROVE the data above ☐ RECOMMEND APPROVAL of the data above					
FOR MAJOR REPAIR OR MAJOR ALTERATION ONLY – Other data approvals ☒ ARE REQUIRED ☐ ARE NOT REQUIRED EXPLAIN : This form does not constitute FAA approval of all the engineering data necessary for substantiation of compliance to necessary requirements for the entire alteration, like electrical and mechanical systems aspects. Flammability testing ☐ MANAGING OFFICE WAS CONTACTED (required when approval was made outside the U.S and/or involved critical or life limited parts)					
11. DER/ODA NUMBER 		12. PRINTED NAME Robert F Clossin			
13. TECHNICAL DISCIPLINE DER-T (Structural Engineering)		14. SIGNATURE <i>Robert F Clossin</i>		16. DATE Digitally Signed 08/20/2024	
FAA APPROVAL (For FAA use when designee recommends approval above, or when approval is reserved for the FAA)					
17. PRINTED NAME/FAA OFFICE		18. TECHNICAL DISCIPLINE			
19. SIGNATURE		20. DATE			

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION DETERMINATION OF COMPLIANCE WITH AIRWORTHINESS STANDARDS		1. PROJECT NO.(if applicable)
7. IDENTIFICATION	8. TITLE OF DATA	
IJI-G550-5204-07, Rev. IR, dated 8/14/2024	Instl - Aft Cab Mod	
IJI-G550-5204-08, Rev. IR, dated 8/6/2024	Instl - PSU Mod	
IJI-G550-5204-09, Rev. IR, dated 8/6/2024	Instl - TC-6000/USB Chargers	
IJI-G550-5204-10, Rev. IR, dated 8/6/2024	Instl - Aft Lav Mod	
IJI-G550-5204-11, Rev. IR, dated 8/15/2024	Instl - Interior Mod	
3990-ST-001, Rev. IR, dated 8/20/2024	Interior Modifications - Gulfstream Model GV-SP, S/N 5024	
	Notes: This approval is for engineering design data only. It indicates the data listed above demonstrates compliance only with the regulations specified by paragraph and subparagraph listed below as 'Applicable Requirements'. This approval is for Gulfstream Model GV-SP (550), S/N 5204 only.	
10. EXPLAIN: was done by us (ACCS) but documented and approved separately.		

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION DETERMINATION OF COMPLIANCE WITH AIRWORTHINESS STANDARDS			1. PROJECT NO. (if applicable)	
AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION				
2. MAKE Gulfstream		3. MODEL NO. GV-SP		4. TYPE (Aircraft, Engine, Propeller, Actuator etc.) Aircraft
5. NAME OF APPLICANT International Jet Interiors, Ronkonkoma NY				
PURPOSE OF DATA				
6. IN SUPPORT OF: ☐ TC/ATC ☐ STC ☐ PMA ☐ Major Repair ☒ Major Alteration ☐ Other (Explain)				
PROJECT SPECIFIC INFORMATION: Aircraft Interior Refurbishment				
PURPOSE OF SUBMITTAL: To approve flammability definition drawing and flammability test results of interior materials to support a major alteration on Gulfstream Model GV-SP, S/N 5024.				
LIST OF DATA				
List the data for this submittal including applicable drawings, material specifications, and process specifications and any other data that shows or contributes to a showing of compliance with the applicable requirements listed in block 9. A reference to a drawing list, including revision level, may be used.				
7. IDENTIFICATION		8. TITLE OF DATA		
FLR-15882, Rev. IR, dated 5/20/2024 FLR-15883, Rev. IR, dated 5/20/2024 FLR-15884, Rev. IR, dated 5/20/2024 FLR-15885, Rev. IR, dated 5/20/2024 FLR-15886, Rev. IR, dated 5/20/2024		Flammability Lab Report Flammability Lab Report Flammability Lab Report Flammability Lab Report Flammability Lab Report		
9. APPLICABLE REQUIREMENTS (List specific sections and amendment levels) 14 CFR 25.853(a) [Amdt. 25-116]				
10. FAA DESIGNEE APPROVAL - As directed by the Administrator and in accordance with the conditions and limitations of authorization under 14 CFR, Part 183, data listed above, and on attached sheets numbered 2____, have been examined in accordance with established procedures. I therefore ☒ APPROVE the data above ☐ RECOMMEND APPROVAL of the data above				
FOR MAJOR REPAIR OR MAJOR ALTERATION ONLY – Other data approvals ☒ ARE REQUIRED ☐ ARE NOT REQUIRED EXPLAIN : This form does not constitute FAA approval of all the engineering data necessary for substantiation of compliance to necessary requirements for the entire alteration. ☐ MANAGING OFFICE WAS CONTACTED (required when approval was made outside the U.S and/or involved critical or life limited parts)				
11. DER/ODA NUMBER [REDACTED]		12. PRINTED NAME Robert F Clossin		
13. TECHNICAL DISCIPLINE DER-T (Structural Engineering)		14. SIGNATURE <i>Robert F Clossin</i>		16. DATE 05/21/2024
FAA APPROVAL (For FAA use when designee recommends approval above, or when approval is reserved for the FAA)				
17. PRINTED NAME/FAA OFFICE		18. TECHNICAL DISCIPLINE		
19. SIGNATURE		20. DATE		

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION DETERMINATION OF COMPLIANCE WITH AIRWORTHINESS STANDARDS		1. PROJECT NO.(if applicable)
7. IDENTIFICATION	8. TITLE OF DATA	
FLR-15887, Rev. IR, dated 5/20/2024	Flammability Lab Report	
FLR-15888, Rev. IR, dated 5/20/2024	Flammability Lab Report	
FLR-15889, Rev. IR, dated 5/20/2024	Flammability Lab Report	
FLR-15890, Rev. IR, dated 5/20/2024	Flammability Lab Report	
4068-FD-001, Rev. IR, dated 5/17/2024	Flammability Definition Drawing: Specimen Configuration, Bunsen Burner Testing	
	Notes: This approval is for engineering design data only. It indicates the data listed above demonstrates compliance only with the regulations specified by paragraph and subparagraph listed below as 'Applicable Requirements'.	

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION DETERMINATION OF COMPLIANCE WITH AIRWORTHINESS STANDARDS				1. PROJECT NO. (if applicable)	
AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION					
2. MAKE Gulfstream		3. MODEL NO. GV-SP		4. TYPE (Aircraft, Engine, Propeller, Actuator etc.) Aircraft	
5. NAME OF APPLICANT International Jet Interiors, Ronkonkoma NY					
PURPOSE OF DATA					
6. IN SUPPORT OF: ___ TC/ATC ___ STC ___ PMA ___ Major Repair ☒ Major Alteration ___ Other (Explain)					
Aircraft Interior Modification					
PROJECT SPECIFIC INFORMATION: PURPOSE OF SUBMITTAL: To approve the flammability definition drawing and flammability test results of interior materials in support a major alteration on Gulfstream Model GV-SP, S/N 5024.					
LIST OF DATA					
List the data for this submittal including applicable drawings, material specifications, and process specifications and any other data that shows or contributes to a showing of compliance with the applicable requirements listed in block 9. A reference to a drawing list, including revision level, may be used.					
7. IDENTIFICATION FLR-16297, Rev. IR, dated 7/25/2024 FLR-16298, Rev. IR, dated 7/25/2024 FLR-16299, Rev. IR, dated 7/25/2024 FLR-16300, Rev. IR, dated 7/25/2024 FLR-16301, Rev. IR, dated 7/25/2024 FLR-16302, Rev. IR, dated 7/25/2024		8. TITLE OF DATA Flammability Lab Report Flammability Lab Report Flammability Lab Report Flammability Lab Report Flammability Lab Report Flammability Lab Report			
9. APPLICABLE REQUIREMENTS (List specific sections and amendment levels) 14 CFR 25.853(a) [Amdt. 25-116]					
10. FAA DESIGNEE APPROVAL - As directed by the Administrator and in accordance with the conditions and limitations of authorization under 14 CFR, Part 183, data listed above, and on attached sheets numbered 2____, have been examined in accordance with established procedures. I therefore ☒ APPROVE the data above ☐ RECOMMEND APPROVAL of the data above					
FOR MAJOR REPAIR OR MAJOR ALTERATION ONLY – Other data approvals ☒ ARE REQUIRED ☐ ARE NOT REQUIRED EXPLAIN : This form does not constitute FAA approval of all the engineering data necessary for substantiation of compliance to necessary requirements for the entire alteration, like the structural, electrical, mechanical systems, and other interior certifications. ☐ MANAGING OFFICE WAS CONTACTED (required when approval was made outside the U.S and/or involved critical or life limited parts)					
11. DER/ODA NUMBER [Redacted]		12. PRINTED NAME Robert F Clossin			
13. TECHNICAL DISCIPLINE DER-T (Structural Engineering)		14. SIGNATURE <i>Robert F Clossin</i>		16. DATE  Digitally Signed 07/29/2024	
FAA APPROVAL (For FAA use when designee recommends approval above, or when approval is reserved for the FAA)					
17. PRINTED NAME/FAA OFFICE		18. TECHNICAL DISCIPLINE			
19. SIGNATURE		20. DATE			

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		1. PROJECT NO.(if applicable)
DETERMINATION OF COMPLIANCE WITH AIRWORTHINESS STANDARDS		
7. IDENTIFICATION	8. TITLE OF DATA	
FLR-16303, Rev. IR, dated 7/25/2024	Flammability Lab Report	
FLR-16304, Rev. IR, dated 7/25/2024	Flammability Lab Report	
FLR-16305, Rev. IR, dated 7/25/2024	Flammability Lab Report	
FLR-16306, Rev. IR, dated 7/25/2024	Flammability Lab Report	
FLR-16307, Rev. IR, dated 7/25/2024	Flammability Lab Report	
FLR-16308, Rev. IR, dated 7/25/2024	Flammability Lab Report	
FLR-16309, Rev. IR, dated 7/25/2024	Flammability Lab Report	
FLR-16310, Rev. IR, dated 7/26/2024	Flammability Lab Report	
FLR-16311, Rev. IR, dated 7/26/2024	Flammability Lab Report	
FLR-16312, Rev. IR, dated 7/26/2024	Flammability Lab Report	
FLR-16313, Rev. IR, dated 7/26/2024	Flammability Lab Report	
FLR-16314, Rev. IR, dated 7/26/2024	Flammability Lab Report	
4131-FD-001, Rev. IR, dated 7/24/2024	Flammability Definition Drawing: Specimen Configuration, Bunsen Burner Testing	
Notes: This approval is for engineering design data only. It indicates the data listed above demonstrates compliance only with the regulations specified by paragraph and subparagraph listed below as 'Applicable Requirements'.		

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION DETERMINATION OF COMPLIANCE WITH AIRWORTHINESS STANDARDS		1. PROJECT NO.(if applicable)
7. IDENTIFICATION	8. TITLE OF DATA	
FLR-16457, Rev. IR, dated 8/13/2024	Flammability Lab Report	
FLR-16458, Rev. IR, dated 8/13/2024	Flammability Lab Report	
4158-FD-001, Rev. IR, dated 8/12/2024	Flammability Definition Drawing: Specimen Configuration, Bunsen Burner Testing	
	Notes: This approval is for engineering design data only. It indicates the data listed above demonstrates compliance only with the regulations specified by paragraph and subparagraph listed below as 'Applicable Requirements'.	

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION			1. PROJECT NO.(if applicable)	
DETERMINATION OF COMPLIANCE WITH AIRWORTHINESS STANDARDS				
AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION				
2. MAKE Gulfstream		3. MODEL NO. GV-SP		5. NAME OF APPLICANT International Jet Interiors, Ronkonkoma NY
4. TYPE (Aircraft, Engine, Propeller, Actuator etc.) Aircraft				
PURPOSE OF DATA				
6. IN SUPPORT OF: ___ TC/ATC ___ STC ___ PMA ___ Major Repair ☒ Major Alteration ___ Other (Explain) PROJECT SPECIFIC INFORMATION: Flammability Testing of Materials Associated with the Interior Modification. PURPOSE OF SUBMITTAL: To present flammability definition drawing and flammability test results of interior materials to support a major alteration on Gulfstream Model GV-SP, S/N 5024.				
LIST OF DATA				
List the data for this submittal including applicable drawings, material specifications, and process specifications and any other data that shows or contributes to a showing of compliance with the applicable requirements listed in block 9. A reference to a drawing list, including revision level, may be used.				
7. IDENTIFICATION		8. TITLE OF DATA		
FLR-15405, Rev. IR, dated 3/4/2024		Flammability Lab Report		
FLR-15406, Rev. IR, dated 3/4/2024		Flammability Lab Report		
FLR-15407, Rev. IR, dated 3/4/2024		Flammability Lab Report		
FLR-15408, Rev. IR, dated 3/4/2024		Flammability Lab Report		
FLR-15409, Rev. IR, dated 3/4/2024		Flammability Lab Report		
9. APPLICABLE REQUIREMENTS (List specific sections and amendment levels) 14 CFR 25.853(a) [Amdt. 25-116] and 25.855(d) [Amdt. 25-142]				
10. FAA DESIGNEE APPROVAL - As directed by the Administrator and in accordance with the conditions and limitations of authorization under 14 CFR, Part 183, data listed above, and on attached sheets numbered 2____, have been examined in accordance with established procedures. I therefore ☒ APPROVE the data above ☐ RECOMMEND APPROVAL of the data above FOR MAJOR REPAIR OR MAJOR ALTERATION ONLY – Other data approvals ☒ ARE REQUIRED ☐ ARE NOT REQUIRED EXPLAIN : This form does not constitute FAA approval of all the engineering data necessary for substantiation of compliance to necessary requirements for the entire alteration. ☐ MANAGING OFFICE WAS CONTACTED (required when approval was made outside the U.S and/or involved critical or life limited parts)				
11. DER/ODA NUMBER ██████████		12. PRINTED NAME Robert F Clossin		
13. TECHNICAL DISCIPLINE DER-T (Structural Engineering)		14. SIGNATURE <i>Robert F Clossin</i>		16. DATE 03/04/2024
FAA APPROVAL (For FAA use when designee recommends approval above, or when approval is reserved for the FAA)				
17. PRINTED NAME/FAA OFFICE		18. TECHNICAL DISCIPLINE		
19. SIGNATURE		20. DATE		

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION DETERMINATION OF COMPLIANCE WITH AIRWORTHINESS STANDARDS		1. PROJECT NO.(if applicable)
7. IDENTIFICATION	8. TITLE OF DATA	
FLR-15410, Rev. IR, dated 3/4/2024 3988-FD-001, Rev. IR, dated 3/1/2024	Flammability Lab Report Flammability Definition Drawing: Specimen Configuration, Bunsen Burner Testing Notes: This approval is for engineering design data only. It indicates the data listed above demonstrates compliance only with the regulations specified by paragraph and subparagraph listed below as 'Applicable Requirements'.	

UNITED STATES OF AMERICA DEPARTMENT OF TRANSPORTATION-FEDERAL AVIATION ADMINISTRATION STANDARD AIRWORTHINESS CERTIFICATE			
1 NATIONALITY AND REGISTRATION MARKS N42JH	2 MANUFACTURER AND MODEL GULFSTREAM AEROSPACE GV-SP (G550)	3 AIRCRAFT SERIAL NUMBER 5024	4 CATEGORY Transport
5 AUTHORITY AND BASIS FOR ISSUANCE This airworthiness certificate is issued pursuant to 49 U.S.C. § 44704 and certifies that, as of the date of issuance, this aircraft has been inspected and found to conform to its type certificate and be in condition for safe operation. This aircraft meets the requirements of the applicable airworthiness standards in Annex 8 to the Convention on International Civil Aviation, except as follows: None			
6 TERMS AND CONDITIONS Unless sooner surrendered, suspended, revoked, or a termination date is otherwise established by the FAA, this airworthiness certificate is effective as long as maintenance, preventative maintenance, and alterations are performed per the applicable Federal Aviation Regulations and the aircraft is registered in the United States.			
DATE OF ISSUANCE R- 10/Sep/2021	FAA REPRESENTATIVE //Signed by//Joseph Fausto Rachiele,09:00 PM, August 14, 2024		DESIGNATION NUMBER [REDACTED]
Any alteration, misuse, or reproduction of this certificate for a fraudulent purpose may be punishable by certificate revocation, fine, and / or imprisonment. THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT PER THE APPLICABLE FEDERAL AVIATION REGULATIONS.			
FAA Form 8100-2 (9-2019) Previous Edition May be Used Until Depleted			

TVPX
39 EAST EAGLE RIDGE DRIVE, STE. 201
NORTH SALT LAKE, UT 84054
+1 801.877.0478 (PHONE)

TVPX

Accepted Dg Aug/19/2024

APPOINTMENT OF AUTHORIZED REPRESENTATIVE

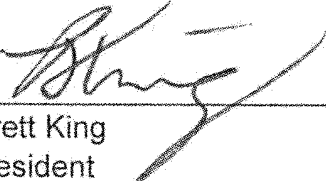
July 29, 2024

Subject: One (1) Gulfstream Aerospace model GV-SP (G550) aircraft bearing serial number 5024 and United States Registration Number N42JH (the "Aircraft")

TVPX Aircraft Solutions Inc., not in its individual capacity but solely as Owner Trustee (the "Owner Trustee") is the registered owner of the Aircraft. The Aircraft's United States Registration Number is changing to N42JH. Due to this change, the Owner Trustee hereby authorizes Christopher Zarzano to act as its agent (the "Authorized Agent") for the limited purposes of completing and executing 1) an application for a replacement FAA Airworthiness Certificate (the "Certificate"), and 2) any other documentation necessary to obtain said Certificate related to the Aircraft.

The Authorized Representative shall have no other authority to act on behalf of the Owner Trustee except as expressly provided herein.

TVPX Aircraft Solutions Inc., not in its individual capacity
but solely as Owner Trustee


Name: Brett King
Title: President

State of Utah } ss
County of Davis }
Subscribed and Sworn to before me, Kaitlin Blaker, on this 29th of July, in the year 2024,
by Brett King.


Notary Public



Kaitlin Blaker
Notary Public
State Of Utah
My Commission Expires 07/28/2025
719370

UNITED STATES OF AMERICA DEPARTMENT OF TRANSPORTATION-FEDERAL AVIATION ADMINISTRATION STANDARD AIRWORTHINESS CERTIFICATE			
1 NATIONALITY AND REGISTRATION MARKS N502SX	2 MANUFACTURER AND MODEL GULFSTREAM AEROSPACE GV-SP (G550)	3 AIRCRAFT SERIAL NUMBER 5024	4 CATEGORY Transport
5 AUTHORITY AND BASIS FOR ISSUANCE This airworthiness certificate is issued pursuant to 49 U.S.C. § 44704 and certifies that, as of the date of issuance, this aircraft has been inspected and found to conform to its type certificate and be in condition for safe operation. This aircraft meets the requirements of the applicable airworthiness standards in Annex 8 to the Convention on International Civil Aviation, except as follows: None			
6 TERMS AND CONDITIONS Unless sooner surrendered, suspended, revoked, or a termination date is otherwise established by the FAA, this airworthiness certificate is effective as long as maintenance, preventive maintenance, and alterations are performed per the applicable Federal Aviation Regulations and the aircraft is registered in the United States.			
DATE OF ISSUANCE 10/Sep/2021	FAA REPRESENTATIVE //Signed by//Joseph R. Hofmann, 06:11 PM, September 10, 2021		DESIGNATION NUMBER [REDACTED]
Any alteration, misuse, or reproduction of this certificate for a fraudulent purpose may be punishable by certificate revocation, fine, and / or imprisonment. THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT PER THE APPLICABLE FEDERAL AVIATION REGULATIONS.			
FAA Form 8100-2 (9-2019) Previous Edition May be Used Until Depleted			

 MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)		Form Approved OMB No. 2120-0020 11/30/2007		Electronic Tracking Number	
		For FAA Use Only			
INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))					
1. Aircraft	Nationality and Registration Mark U.S.A. N502SX		Serial No. 5024		
	Make Gulfstream Aerospace		Model G550	Series	
2. Owner	Name (As shown on registration certificate) FALCON LANDING LLC		Address (As shown on registration certificate) Address 1 ROCKET RD City Hawthorne State CA Zip 90250-6844 Country USA		
3. For FAA Use Only					
4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
☐	☒	AIRFRAME	_____	(As described in Item 1 above)	
☐	☐	POWERPLANT			
☐	☐	PROPELLER			
☐	☐	APPLIANCE	Type		
			Manufacturer		
6. Conformity Statement					
A. Agency's Name and Address			B. Kind of Agency		
Name <u>Gulfstream Aerospace</u>			U.S. Certificated Mechanic		Manufacturer
Address <u>7440 Aviation Place</u>			Foreign Certificated Mechanic		C. Certificate No.
City <u>Dallas</u> State <u>TX</u>			☒ Certificated Repair Station		CRS VJ1R560K
Zip <u>75235</u> Country <u>United States</u>			Certificated Maintenance Organization		
D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.					
Extended range fuel per 14 CFR Part 43 App. B ☐		Signature/Date of Authorized Individual <u>Tim Hoffman</u> <u>June 02, 2023</u>			
7. Approval for Return To Service					
Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is ☒ Approved ☐ Rejected					
BY	FAA Flt. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport	
	FAA Designee ☒	Repair Station	Inspection Authorization	Other (Specify)	
Certificate or Designation No. CRS VJ1R560K		Signature/Date of Authorized Individual <u>Tim Hoffman</u> <u>June 02, 2023</u>			

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

U.S.A. N502SX

June 02, 2023

Nationality and Registration Mark

Date

Aircraft Model: G550

GAC Dallas Work Order SC19279

Aircraft Serial No.: 5024

Aircraft Hours: 10391.2

Aircraft Landings: 3892

13.1 The existing Honeywell MCS-7000 Satcom system was removed and a new MCS-7120 / HD-710 system phase IV standalone Satcom was installed reference FAA 8100-9's, Gulfstream ODA-511131-CE, FAA Project NO TA-00-2023-0002, GCD000024302 Rev(-) dated 05/04/2023, GCD000024301 Rev(-) dated 05/04/2023, CCE103000071 Rev(-) dated 09/12/2022, CEE303000279 Rev(A) dated 05/02/2023, GCD000028242 Rev(-) dated 05/15/2023, CE544980021 Rev(-) dated 11/07/2013, GC543030010 Rev(D) dated 11/11/2004, NIECO0S3910 Rev(-) dated 12/06/2019, CEE103000071 Rev(A) dated 05/24/2023, CEE3030000279 Rev(A) dated 05/02/2023, GCD000028242 Rev(A) dated 05/26/2023, GSTR000006936 Rev(A) dated 05/26/2023, GCD000024303 Rev(-) dated 05/04/2023, GCD000024552 Rev(-) dated 06/02/2023, CEE103000071 Rev(A) dated 05/24/2023, CEE303000279 Rev(B) dated 06/02/2023

Due to the Above Major Alteration / Repair Performed the Following:

- Provided Operator with Electrical Load Statement GCD000024301 Rev. (-).
- Provided Operator with ICA GCD000024304 Rev. (-).
- Updated Equipment List.
- Accomplished Ground Test Plan GCD000024303 Rev. (-).

14.1 The existing Satcom antenna assembly was removed, and an HGA-6000 satcom antenna was installed reference FAA 8100-9's, Gulfstream ODA-511131-CE, FAA Project NO TA-00-2023-0002, GCD000024302 Rev(-) dated 05/04/2023, GCD000024301 Rev(-) dated 05/04/2023, CCE103000071 Rev(-) dated 09/12/2022, CEE303000279 Rev(A) dated 05/02/2023, GCD000028242 Rev(-) dated 05/15/2023, CE544980021 Rev(-) dated 11/07/2013, GC543030010 Rev(D) dated 11/11/2004, NIECO0S3910 Rev(-) dated 12/06/2019, CEE103000071 Rev(A) dated 05/24/2023, CEE3030000279 Rev(A) dated 05/02/2023, GCD000028242 Rev(A) dated 05/26/2023, GSTR000006936 Rev(A) dated 05/26/2023, GCD000024303 Rev(-) dated 05/04/2023, GCD000024552 Rev(-) dated 06/02/2023, CEE103000071 Rev(A) dated 05/24/2023, CEE303000279 Rev(B) dated 06/02/2023

Due to the Above Major Alteration / Repair Performed the Following:

- Provided Operator with Electrical Load Statement GCD000024301 Rev. (-).
- Provided Operator with ICA GCD000024304 Rev. (-).
- Updated Equipment List.
- Accomplished Ground Test Plan GCD000024303 Rev. (-).

15.1 The existing type a diplexer low noise amplifier (DLNA) was removed and replaced with a new type F DLNA reference FAA 8100-9's, Gulfstream ODA-511131-CE, FAA Project NO TA-00-2023-0002, GCD000024302 Rev(-) dated 05/04/2023, GCD000024301 Rev(-) dated 05/04/2023, CCE103000071 Rev(-) dated 09/12/2022, CEE303000279 Rev(A) dated 05/02/2023, GCD000028242 Rev(-) dated 05/15/2023, CE544980021 Rev(-) dated 11/07/2013, GC543030010 Rev(D) dated 11/11/2004, NIECO0S3910 Rev(-) dated 12/06/2019, CEE103000071 Rev(A) dated 05/24/2023, CEE3030000279 Rev(A) dated 05/02/2023, GCD000028242 Rev(A) dated 05/26/2023, GSTR000006936 Rev(A) dated 05/26/2023, GCD000024303 Rev(-) dated 05/04/2023, GCD000024552 Rev(-) dated 06/02/2023, CEE103000071 Rev(A) dated 05/24/2023, CEE303000279 Rev(B) dated 06/02/2023

Due to the Above Major Alteration / Repair Performed the Following:

- Provided Operator with Electrical Load Statement GCD000024301 Rev. (-).
- Provided Operator with ICA GCD000024304 Rev. (-).
- Updated Equipment List.
- Accomplished Ground Test Plan GCD000024303 Rev. (-).

END

☐ Additional Sheets Are Attached

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION STATEMENT OF COMPLIANCE WITH AIRWORTHINESS STANDARDS		FAA PROJECT NO. TA-00-2023-0002	
AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION			
MAKE Gulfstream	MODEL NO. GV-SP	TYPE (Aircraft, Engine, Propeller, etc.) Aircraft	NAME OF APPLICANT/AUTHORIZATION NO. Gulfstream Aerospace Corporation ODA-511131-CE
LIST OF DATA			
IDENTIFICATION		TITLE	
GCD000024302 Rev. - 5/4/2023		Functional Hazard Assessment: GV-SP SN 5024, Miscellaneous Modifications Note(s): Note 1: The Gulfstream Organization Designation Authorization approves these data. This constitutes FAA approval of the major alteration data listed and is not installation approval. Note 2: Valid only for Gulfstream, GV-SP, SN(s) 5024. Note 3: Only those Electrical Systems aspects of the alteration listed are approved. Note 4: The following ICA applies to this alteration data: GCD000024304.	
PURPOSE OF DATA Support of Major Alteration to Gulfstream, GV-SP, SN(s) 5024 to accomplish Alteration of the airplane to install SATCOM High Speed Data MCS-7120 (HD-710) and installation of an HGA-6000 with Type F DLNA.			
APPLICABLE REQUIREMENTS (List specific sections) 14 CFR 25.1309(b)(d) [25-41]. Special Condition 25-665-SC.1, 25-665-SC.2, 25-665-SC.3, 25-665-SC.4, 25-665-SC.5, 25-665-SC.6.			
CERTIFICATION - As directed by the Administrator and in accordance with the conditions and limitations of authorization under 14 CFR, data listed above and on attached sheets numbered <u>N/A</u> have been examined in accordance with established procedures and found to comply with applicable requirements of the Airworthiness Standards listed. I (We) Therefore: ☐ Recommend Approval of These Data ☒ Approve These Data			
SIGNATURE(S) OF AUTHORIZED REPRESENTATIVE(S)		NAME	CLASSIFICATION(S)
Marco A Morejon marcomorejon@msn.com		Marco A. Morejon	AR-E-3017 Electrical Systems
Gulfstream ODA-511131-CE			DATE May 15, 2023

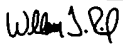
U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION STATEMENT OF COMPLIANCE WITH AIRWORTHINESS STANDARDS		FAA PROJECT NO. TA-00-2023-0002	
AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION			
MAKE Gulfstream	MODEL NO. GV-SP	TYPE (Aircraft, Engine, Propeller, etc.) Aircraft	NAME OF APPLICANT/AUTHORIZATION NO. Gulfstream Aerospace Corporation ODA-511131-CE
LIST OF DATA			
IDENTIFICATION		TITLE	
GCD000024301 Rev. - 5/4/2023		ELECTRICAL LOAD SUPPLEMENT: GV-SP SN 5024, ELECTRICAL MODIFICATIONS Note(s): Note 1: The Gulfstream Organization Designation Authorization approves these data. This constitutes FAA approval of the major alteration data listed and is not installation approval. Note 2: Valid only for Gulfstream, GV-SP, SN(s) 5024. Note 3: Only those Electrical Systems aspects of the alteration listed are approved. Note 4: The following ICA applies to this alteration data. GCD000024304	
PURPOSE OF DATA Support of Major Alteration to Gulfstream, GV-SP, SN(s) 5024 to accomplish installation of MCS-7120 Satcom System.			
APPLICABLE REQUIREMENTS (List specific sections) 14 CFR 25.1351(a) [25-72].			
CERTIFICATION - As directed by the Administrator and in accordance with the conditions and limitations of authorization under 14 CFR, data listed above and on attached sheets numbered <u>N/A</u> have been examined in accordance with established procedures and found to comply with applicable requirements of the Airworthiness Standards listed. I (We) Therefore: ☐ Recommend Approval of These Data ☒ Approve These Data			
SIGNATURE(S) OF AUTHORIZED REPRESENTATIVE(S)		NAME	CLASSIFICATION(S)
 curtis.bierman@gulfstream.com		Bierman, Curtis	AR-E-3002 Electrical Systems
Gulfstream ODA-511131-CE			DATE May 12, 2023

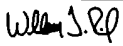
U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION STATEMENT OF COMPLIANCE WITH AIRWORTHINESS STANDARDS		FAA PROJECT NO. TA-00-2023-0002	
AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION			
MAKE Gulfstream	MODEL NO. GV-SP	TYPE (Aircraft, Engine, Propeller, etc.) Aircraft	NAME OF APPLICANT/AUTHORIZATION NO. Gulfstream Aerospace Corporation ODA-511131-CE
LIST OF DATA			
IDENTIFICATION		TITLE	
CEE103000071 Rev. - 9/12/2022		SATCOM ANTENNA (HGA-6000)	
CEE303000279 Rev. A 5/2/2023		SATCOM HIGH SPEED DATA (HD-710/MCS-7120) Note(s): Note 1: The Gulfstream Organization Designation Authorization approves these data. This constitutes FAA approval of the major alteration data listed and is not installation approval. Note 2: Valid only for Gulfstream, GV-SP, SN(s) 5024. Note 3: Only those Electrical Systems aspects of the alteration listed are approved, additional data approvals from structures may be required. Note 4: The following ICA applies to this alteration data. GCD000024304 Note 5: Refer to attachment to this 8100-9 for design review means of compliance (2 pages).	
PURPOSE OF DATA Support of Major Alteration to Gulfstream, GV-SP, SN(s) 5024 to accomplish installation of MCS-7120 Satcom System.			
APPLICABLE REQUIREMENTS (List specific sections) 14 CFR 25.1301(a)(b)(c) [25-0], 25.1307(c) [25-72], 25.1357(a)(c) [25-0].			
CERTIFICATION - As directed by the Administrator and in accordance with the conditions and limitations of authorization under 14 CFR, data listed above and on attached sheets numbered <u>N/A</u> have been examined in accordance with established procedures and found to comply with applicable requirements of the Airworthiness Standards listed. I (We) Therefore: ☐ Recommend Approval of These Data ☒ Approve These Data			
SIGNATURE(S) OF AUTHORIZED REPRESENTATIVE(S)		NAME	CLASSIFICATION(S)
 curtis.bierman@gulfstream.com		Bierman, Curtis	AR-E-3002 Electrical Systems
Gulfstream ODA-511131-CE			DATE May 12, 2023

Design Review - Means of Compliance 8100-9 Attachment
Curtis Bierman 8100-9, Dated 5/12/23

Regulation (14 CFR)	Amdt.	Document	Rev	Title	Compliance Statement
25.1301 (a) Each item of installed equipment must-- (a) Be of a kind and design appropriate to its intended function;	25-0	CEE103000071 CEE303000279	- A	SATCOM ANTENNA (HGA-6000) SATCOM HIGH SPEED DATA (HD-710/MCS-7120)	Reviewed the listed Electrical Data for the Installation and verified: 1) Source and destination of all airplane wiring and all equipment associated with the alteration are shown. 2) The diagrams completely define the end certification configuration. 3) Circuit breakers are sized appropriately for their load and all wire gages are sized appropriately for their fault protection (AC 43.13-1 B.) 4) Correct ground types are identified in the notes and on the face of the drawing for individual circuits. 5) Installed equipment and components have been properly qualified, where applicable, to perform their intended function in the aircraft zone and environment in which they are installed. 6) Standard electrical bonding notes are identified. 7) The drawings and instructions completely define the installations with sufficient detail to allow repeatability of the installation.
25.1301(b)(c) Each item of installed equipment must-- (b) Be labeled as to its identification, function, or operating limitations, or any applicable combination of these factors; and (c) Be installed according to limitations specified for that equipment.	25-0	CEE103000071 CEE303000279	- A	SATCOM ANTENNA (HGA-6000) SATCOM HIGH SPEED DATA (HD-710/MCS-7120)	Reviewed the listed Electrical Data for the Installation and verified: 1) The applicable standard wiring practices notes are identified. 2) The parts and materials utilized are standard parts or have been previously approved and used in similar designs 3) All electrical components and assemblies are properly labeled and identified. 4) The design and installation instructions identify and follow the EMC Guidelines for Wiring Separation, Shielding and Grounding. 5) The equipment installations are in compliance with the equipment specifications to perform their intended function in the aircraft zone and environment in which they are installed.
25.1307(c) The following is required miscellaneous equipment: (c) Electrical protective devices, as prescribed in this Part.	25-54	CEE103000071 CEE303000279	- A	SATCOM ANTENNA (HGA-6000) SATCOM HIGH SPEED DATA (HD-710/MCS-7120)	Reviewed the listed Electrical Data for the Installation and verified: 1) Power for all installed equipment is provided through circuit breakers of an appropriate rating for the size of wiring utilized. (Reference AC 43.13-1B)
25.1357(a)(c) (a) Automatic protective devices must be used to minimize distress to the electrical system and hazard to the airplane in the event of wiring faults or serious malfunction of the system or connected equipment. (c) Each resettable circuit protective device must be designed so that, when an	25-0	CEE103000071 CEE303000279	- A	SATCOM ANTENNA (HGA-6000) SATCOM HIGH SPEED DATA (HD-710/MCS-7120)	Reviewed the listed Electrical Data for the Installation and verified: 1) Circuit breakers of appropriate size are utilized in the circuit that supply power to the components within the system installation. The circuit breakers are of the same type as used in the production aircraft and will open the circuit irrespective of the position of system operating control.

Regulation (14 CFR)	Amdt.	Document	Rev	Title	Compliance Statement
overload or circuit fault exists, it will open the circuit irrespective of the position of the operating control.					

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION STATEMENT OF COMPLIANCE WITH AIRWORTHINESS STANDARDS		FAA PROJECT NO. TA-00-2023-0002	
AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION			
MAKE Gulfstream	MODEL NO. GV-SP	TYPE (Aircraft, Engine, Propeller, etc.) Aircraft	NAME OF APPLICANT/AUTHORIZATION NO. Gulfstream Aerospace Corporation ODA-511131-CE
LIST OF DATA			
IDENTIFICATION		TITLE	
GCD000028242 Rev. - 5/15/2023		Flammability Assessment - GV-SP SN 5024 Satcom Upgrade Note(s): 1: The Gulfstream Organization Designation Authorization approves these data. This constitutes FAA approval of the major alteration data listed and is not installation approval. 2: Valid only for Gulfstream GV-SP SN 5024. 3: Only those Structures-Flammability/Fire Protection aspects of the alteration listed are approved, additional data approvals from Electrical Systems, Flight Analyst, Flight Test Pilot, Mechanical Systems, Powerplant, , Structures-Loads and Flutter, Structures-Materials, Process Specification and Structures-Stress may be required. 4: This alteration data has no impact on the current ICA.	
PURPOSE OF DATA Support of Major Alteration to Gulfstream Model GV-SP SN 5024 to accomplish Alteration of: Upgrade of satcom system.			
APPLICABLE REQUIREMENTS (List specific sections) 14 CFR 25.853(a) [25-83], 25.869(a)(4) [25-72].			
CERTIFICATION - As directed by the Administrator and in accordance with the conditions and limitations of authorization under 14 CFR, data listed above and on attached sheets numbered <u>N/A</u> have been examined in accordance with established procedures and found to comply with applicable requirements of the Airworthiness Standards listed. I (We) Therefore: ☐ Recommend Approval of These Data ☒ Approve These Data			
SIGNATURE(S) OF AUTHORIZED REPRESENTATIVE(S)		NAME	CLASSIFICATION(S)
 Bill.Riley@gulfstream.com		Riley, William T.	AR-E-1067 Structures - Flammability
Gulfstream ODA-511131-CE			May 15, 2023

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION STATEMENT OF COMPLIANCE WITH AIRWORTHINESS STANDARDS		FAA PROJECT NO. TA-00-2023-0002	
AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION			
MAKE Gulfstream	MODEL NO. GV-SP	TYPE (Aircraft, Engine, Propeller, etc.) Aircraft	NAME OF APPLICANT/AUTHORIZATION NO. Gulfstream Aerospace Corporation ODA-511131-CE
LIST OF DATA			
IDENTIFICATION		TITLE	
CE544980021 Rev. - 11/7/2013		WIRE FEED THRU INSTL Note(s): Note 1: The Gulfstream Organization Designation Authorization approves these data. This constitutes FAA approval of the major alteration data listed and is not installation approval. Note 2: Valid only for Gulfstream GV-SP SN 5024. Note 3: Only those Structures-Stress aspects of the alteration listed are approved, additional data approvals from Electrical Systems and Structures-Flammability/Fire Protection may be required. Note 4: The following ICA applies to this alteration data: GCD000024304 Rev -. Note 5: Refer to document number GCD000028558, Rev - for design review means of compliance.	
PURPOSE OF DATA Support of Major Alteration to Gulfstream GV-SP SN 5024 to accomplish Alteration of antenna and feedthru installation.			
APPLICABLE REQUIREMENTS (List specific sections) 14 CFR 25.601 [25-0], 25.603(a)(b)(c) [25-46], 25.605(a) [25-46], 25.609(a)(b) [25-0], 25.611 [25-23].			
CERTIFICATION - As directed by the Administrator and in accordance with the conditions and limitations of authorization under 14 CFR, data listed above and on attached sheets numbered <u>2 to 2</u> have been examined in accordance with established procedures and found to comply with applicable requirements of the Airworthiness Standards listed. I (We) Therefore: ☐ Recommend Approval of These Data ☒ Approve These Data			
SIGNATURE(S) OF AUTHORIZED REPRESENTATIVE(S)		NAME	CLASSIFICATION(S)
 Bill.Riley@gulfstream.com		Riley, William T.	AR-E-1067 Structures
Gulfstream ODA-511131-CE			DATE May 22, 2023

LIST OF DATA		Page 2 of 2
IDENTIFICATION	TITLE	
GC543030010 Rev. D 11/11/2004 NIECO-S3910 Rev. - 12/6/2019	SATCOM ANTENNA INSTL - CHELTON GC543030010 SATCOM ANTENNA INSTL - (CHELTON)	
APPLICABLE REQUIREMENTS (List specific sections) 14 CFR 25.601 [25-0], 25.603(a)(b)(c) [25-46], 25.605(a) [25-46], 25.609(a)(b) [25-0], 25.611 [25-23].		

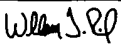
U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION STATEMENT OF COMPLIANCE WITH AIRWORTHINESS STANDARDS		FAA PROJECT NO. TA-00-2023-0002	
AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION			
MAKE Gulfstream	MODEL NO. GV-SP	TYPE (Aircraft, Engine, Propeller, etc.) Aircraft	NAME OF APPLICANT/AUTHORIZATION NO. Gulfstream Aerospace Corporation ODA-511131-CE
LIST OF DATA			
IDENTIFICATION		TITLE	
CEE103000071 Rev. A 5/24/2023		Satcom Antenna (HGA-6000)	
CEE303000279 Rev. A 5/2/2023		Satcom High Speed Data (HD-710/MCS-7120) Note(s): Note 1: The Gulfstream Organization Designation Authorization approves these data. This constitutes FAA approval of the major alteration data listed and is not installation approval. Note 2: Valid only for Gulfstream, GV-SP, SN(s) 5024. Note 3: Only those Electrical Systems aspects of the alteration listed are approved, additional data approvals from structures may be required. Note 4: The following ICA applies to this alteration data. GCD000024304 Note 5: Refer to attachment to this 8100-9 for design review means of compliance (2 pages).	
PURPOSE OF DATA Support of Major Alteration to Gulfstream, GV-SP, SN(s) 5024 to accomplish installation of MCS-7120 Satcam System.			
APPLICABLE REQUIREMENTS (List specific sections) 14 CFR 25.1301(a)(b)(c) [25-0], 25.1307(c) [25-72], 25.1357(a)(c) [25-0].			
CERTIFICATION - As directed by the Administrator and in accordance with the conditions and limitations of authorization under 14 CFR, data listed above and on attached sheets numbered <u>N/A</u> have been examined in accordance with established procedures and found to comply with applicable requirements of the Airworthiness Standards listed. I (We) Therefore: ☐ Recommend Approval of These Data ☒ Approve These Data			
SIGNATURE(S) OF AUTHORIZED REPRESENTATIVE(S)		NAME	CLASSIFICATION(S)
 curtis.bierman@gulfstream.com		Bierman, Curtis	AR-E-3002 Electrical Systems
Gulfstream ODA-511131-CE			DATE May 25, 2023

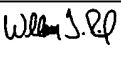
Design Review - Means of Compliance 8100-9 Attachment
Curtis Bierman 8100-9, Dated 5/25/23

Regulation (14 CFR)	Amdt.	Document	Rev	Title	Compliance Statement
25.1301 (a) Each item of installed equipment must— (a) Be of a kind and design appropriate to its intended function;	25-0	CEE103000071 CEE303000279	A A	SATCOM ANTENNA (HGA-6000) SATCOM HIGH SPEED DATA (HD-710/MCS-7120)	Reviewed the listed Electrical Data for the Installation and verified: 1) Source and destination of all airplane wiring and all equipment associated with the alteration are shown. 2) The diagrams completely define the end certification configuration. 3) Circuit breakers are sized appropriately for their load and all wire gages are sized appropriately for their fault protection (AC 43.13-1 B). 4) Correct ground types are identified in the notes and on the face of the drawing for individual circuits. 5) Installed equipment and components have been properly qualified, where applicable, to perform their intended function in the aircraft zone and environment in which they are installed. 6) Standard electrical bonding notes are identified. 7) The drawings and instructions completely define the installations with sufficient detail to allow repeatability of the installation.
25.1301(b)(c) Each item of installed equipment must— (b) Be labeled as to its identification, function, or operating limitations, or any applicable combination of these factors; and (c) Be installed according to limitations specified for that equipment.	25-0	CEE103000071 CEE303000279	A A	SATCOM ANTENNA (HGA-6000) SATCOM HIGH SPEED DATA (HD-710/MCS-7120)	Reviewed the listed Electrical Data for the Installation and verified: 1) The applicable standard wiring practices notes are identified. 2) The parts and materials utilized are standard parts or have been previously approved and used in similar designs 3) All electrical components and assemblies are properly labeled and identified. 4) The design and installation instructions identify and follow the EMC Guidelines for Wiring Separation, Shielding and Grounding. 5) The equipment installations are in compliance with the equipment specifications to perform their intended function in the aircraft zone and environment in which they are installed.
25.1307(c) The following is required miscellaneous equipment: (c) Electrical protective devices, as prescribed in this Part.	25-72	CEE103000071 CEE303000279	A A	SATCOM ANTENNA (HGA-6000) SATCOM HIGH SPEED DATA (HD-710/MCS-7120)	Reviewed the listed Electrical Data for the Installation and verified: 1) Power for all installed equipment is provided through circuit breakers of an appropriate rating for the size of wiring utilized. (Reference AC 43.13-1B)
25.1357(a)(c) (a) Automatic protective devices must be used to minimize distress to the electrical system and hazard to the airplane in the event of wiring faults or serious malfunction of the system or connected equipment. (c) Each resettable circuit protective device must be designed so that, when an	25-0	CEE103000071 CEE303000279	A A	SATCOM ANTENNA (HGA-6000) SATCOM HIGH SPEED DATA (HD-710/MCS-7120)	Reviewed the listed Electrical Data for the Installation and verified: 1) Circuit breakers of appropriate size are utilized in the circuit that supply power to the components within the system installation. The circuit breakers are of the same type as used in the production aircraft and will open the circuit irrespective of the position of system operating control.

Regulation (14 CFR)	Amdt.	Document	Rev	Title	Compliance Statement
overload or circuit fault exists, it will open the circuit irrespective of the position of the operating control.					



U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION STATEMENT OF COMPLIANCE WITH AIRWORTHINESS STANDARDS		FAA PROJECT NO. TA-00-2023-0002	
AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION			
MAKE Gulfstream	MODEL NO. GV-SP	TYPE (Aircraft, Engine, Propeller, etc.) Aircraft	NAME OF APPLICANT/AUTHORIZATION NO. Gulfstream Aerospace Corporation ODA-511131-CE
LIST OF DATA			
IDENTIFICATION		TITLE	
GCD000028242 Rev. A 5/26/2023		Flammability Assessment - GV-SP SN 5024 Satcom Upgrade Note(s): 1: The Gulfstream Organization Designation Authorization approves these data. This constitutes FAA approval of the major alteration data listed and is not installation approval. 2: Valid only for Gulfstream GV-SP SN 5024. 3: Only those Structures-Flammability/Fire Protection aspects of the alteration listed are approved, additional data approvals from Electrical Systems, Flight Analyst, Flight Test Pilot, Mechanical Systems, Powerplant, , Structures-Loads and Flutter, Structures-Materials, Process Specification and Structures-Stress may be required. 4: This alteration data has no impact on the current ICA.	
PURPOSE OF DATA Support of Major Alteration to Gulfstream Model GV-SP SN 5024 to accomplish Alteration of: Upgrade of satcom system.			
APPLICABLE REQUIREMENTS (List specific sections) 14 CFR 25.853(a) [25-83], 25.869(a)(4) [25-72].			
CERTIFICATION - As directed by the Administrator and in accordance with the conditions and limitations of authorization under 14 CFR, data listed above and on attached sheets numbered <u>N/A</u> have been examined in accordance with established procedures and found to comply with applicable requirements of the Airworthiness Standards listed. I (We) Therefore: ☐ Recommend Approval of These Data ☒ Approve These Data			
SIGNATURE(S) OF AUTHORIZED REPRESENTATIVE(S)		NAME	CLASSIFICATION(S)
 Bill.Riley@gulfstream.com		Riley, William T.	AR-E-1067 Structures - Flammability
Gulfstream ODA-511131-CE			

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION STATEMENT OF COMPLIANCE WITH AIRWORTHINESS STANDARDS			FAA PROJECT NO. TA-00-2023-0002	
AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION				
MAKE Gulfstream	MODEL NO. GV-SP	TYPE (Aircraft, Engine, Propeller, etc.) Aircraft	NAME OF APPLICANT/AUTHORIZATION NO. Gulfstream Aerospace Corporation ODA-511131-CE	
LIST OF DATA				
IDENTIFICATION		TITLE		
GSTR000006936 Rev. A 5/26/2023		Structural Substantiation - Satcom Antenna (Chelton) Instl, SN 5024 Note(s): 1: The Gulfstream Organization Designation Authorization approves these data. This constitutes FAA approval of the major alteration data listed and is not installation approval. 2: Valid only for Gulfstream GV-SP SN 5024. 3: Only the Structures-Stress aspects of the alteration listed are approved, additional data approvals from Electrical Systems, Flight Analyst, Flight Test Pilot, Mechanical Systems, Powerplant, Structures-Flammability/Fire Protection, Structures-Loads and Flutter, Structures-Materials and Process Specifications, and Structures-Stress may be required. 4: This alteration data has no impact on the current ICA.		
PURPOSE OF DATA Support of Major Alteration to Gulfstream Model GV-SP SN 5024 to accomplish Alteration of: Upgrade of satcom system.				
APPLICABLE REQUIREMENTS (List specific sections) 14 CFR 25.301(a)(b) [25-23], 25.303 [25-23], 25.305(a)(b) [25-86], 25.307(a) [25-72], 25.561(b)(3)(c) [25-91], 25.613(b) [25-72], 25.619(a)(b)(c) [25-23], 25.625(a)(b)(c) [25-72].				
CERTIFICATION - As directed by the Administrator and in accordance with the conditions and limitations of authorization under 14 CFR, data listed above and on attached sheets numbered <u>N/A</u> have been examined in accordance with established procedures and found to comply with applicable requirements of the Airworthiness Standards listed. I (We) Therefore: ☐ Recommend Approval of These Data ☒ Approve These Data				
SIGNATURE(S) OF AUTHORIZED REPRESENTATIVE(S)		NAME	CLASSIFICATION(S)	DATE
 Bill.Riley@gulfstream.com		Riley, William T.	AR-E-1067 Structures	May 26, 2023
Gulfstream ODA-511131-CE				

**Design Review - Means of Compliance 8100-9 Attachment
Curtis Bierman 8100-9, Dated 6/02/23**

Regulation (14 CFR)	Amdt.	Document	Rev	Title	Compliance Statement
25.1301 (a) Each item of installed equipment must— (a) Be of a kind and design appropriate to its intended function;	25-0	CEE103000071 CEE303000279	A B	SATCOM ANTENNA (HGA-6000) SATCOM HIGH SPEED DATA (HD-710/MCS-7120)	Reviewed the listed Electrical Data for the Installation and verified: 1) Source and destination of all airplane wiring and all equipment associated with the alteration are shown. 2) The diagrams completely define the end certification configuration. 3) Circuit breakers are sized appropriately for their load and all wire gages are sized appropriately for their fault protection (AC 43.13-1 B.) 4) Correct ground types are identified in the notes and on the face of the drawing for individual circuits. 5) Installed equipment and components have been properly qualified, where applicable, to perform their intended function in the aircraft zone and environment in which they are installed. 6) Standard electrical bonding notes are identified. 7) The drawings and instructions completely define the installations with sufficient detail to allow repeatability of the installation.
25.1301(b)(c) Each item of installed equipment must— (b) Be labeled as to its identification, function, or operating limitations, or any applicable combination of these factors; and (c) Be installed according to limitations specified for that equipment.	25-0	CEE103000071 CEE303000279	A B	SATCOM ANTENNA (HGA-6000) SATCOM HIGH SPEED DATA (HD-710/MCS-7120)	Reviewed the listed Electrical Data for the Installation and verified: 1) The applicable standard wiring practices notes are identified. 2) The parts and materials utilized are standard parts or have been previously approved and used in similar designs 3) All electrical components and assemblies are properly labeled and identified. 4) The design and installation instructions identify and follow the EMC Guidelines for Wiring Separation, Shielding and Grounding. 5) The equipment installations are in compliance with the equipment specifications to perform their intended function in the aircraft zone and environment in which they are installed.
25.1307(c) The following is required miscellaneous equipment: (c) Electrical protective devices, as prescribed in this Part.	25-72	CEE103000071 CEE303000279	A B	SATCOM ANTENNA (HGA-6000) SATCOM HIGH SPEED DATA (HD-710/MCS-7120)	Reviewed the listed Electrical Data for the Installation and verified: 1) Power for all installed equipment is provided through circuit breakers of an appropriate rating for the size of wiring utilized. (Reference AC 43.13-1B)
25.1357(a)(c) (a) Automatic protective devices must be used to minimize distress to the electrical system and hazard to the airplane in the event of wiring faults or serious malfunction of the system or connected equipment. (c) Each resettable circuit protective device must be designed so that, when an	25-0	CEE103000071 CEE303000279	A B	SATCOM ANTENNA (HGA-6000) SATCOM HIGH SPEED DATA (HD-710/MCS-7120)	Reviewed the listed Electrical Data for the Installation and verified: 1) Circuit breakers of appropriate size are utilized in the circuit that supply power to the components within the system installation. The circuit breakers are of the same type as used in the production aircraft and will open the circuit irrespective of the position of system operating control.

Regulation (14 CFR)	Amdt.	Document	Rev	Title	Compliance Statement
overload or circuit fault exists, it will open the circuit irrespective of the position of the operating control.					



US Department
of Transportation
Federal Aviation
Administration

MAJOR REPAIR AND ALTERATION
(Airframe, Powerplant, Propeller, or Appliance)

OMB No. 2120-0020
Exp: 01/31/2023

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

1. Aircraft	Nationality and Registration Mark N502SX	Serial No. 5024
	Make GULFSTREAM	Model GV-SP (G550) Series N/A
2. Owner	Name (As shown on registration certificate) FALCON LANDINGS LLC	Address (As shown on registration certificate) Address 1 ROCKET ROAD City HAWTHORNE State CA Zip 90250 Country USA

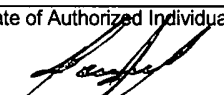
3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
☐	☒	AIRFRAME	_____	(As described in Item 1 above)	_____
☐	☐	POWERPLANT	_____	_____	_____
☐	☐	PROPELLER	_____	_____	_____
☐	☐	APPLIANCE	Type _____	_____	_____
			Manufacturer _____		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency	
Name ENRIQUE ACEVES	Address 1401 SUPERIOR AVE STE. E City NEWPORT BEACH State CA Zip 92663 Country USA	☒ U. S. Certificated Mechanic	Manufacturer
		☐ Foreign Certificated Mechanic	C. Certificate No.
		☐ Certificated Repair Station	2753282
		☐ Certificated Maintenance Organization	

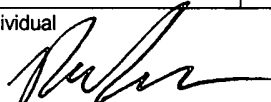
D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Extended range fuel per 14 CFR Part 43 App. B ☐	Signature/Date of Authorized Individual  24-AUG-2022
--	--

7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is ☐ Approved ☐ Rejected

BY	FAA Fit. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
	FAA Designee	Repair Station	☒ Inspection Authorization	

Certificate or Designation No. 3395175	Signature/Date of Authorized Individual  24-AUG-2022
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NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

U.S.A./ N502SX

24-AUG-2022

Nationality and Registration Mark

Date

PAGE 2 of 2

MODEL: GV-SP (G550) SERIAL NO.: 5024 TAIL NO.: N502SX ACTT: 9431.1 ACTL: 3517

The following items were accomplished at Falcon Landing, LLC, Hawthorne California, and installed per the approve data shown:

1. Installed Starlink Alteration Kit per Space Exploration Technology G550 N502SX Drawing SPX-01663907-501 Rev. A Dated 31 May 2022, and Master Drawing List G550 SN 5024 SPX-00002923 Rev. 4.0, Dated 31 May 2022

a) 8110-3 (Structures) approval by DERT-605221-NM Dated 03 Jun 2022:

SPX-00002923 Rev. 4.0 Dated 31 May 2022 G550 SN 5024 Starlink Alteration - Master Drawing List.

SPX-00002916 Rev 3.0 Dated 26 May 2022 G550 SN 5024 Starlink Alteration - Aircraft Installation Substantiation.

b) 8110-3 (Electrical Systems & Equipment) approvals by DERT-834301-CE Dated 03 Jun 2022:

SPX-00002923 Rev. 4.0 Dated 31 May 2022 G550 SN 5024 Starlink Alteration - Master Drawing List.

SPX-00002934 Rev. 4.0 Dated 31 May 2022 G550 SN 5024 Starlink Alteration - Electrical, Installation Instructions.

SPX-00002898 Rev. 3.0 Dated 31 May 2022 G550 SN 5024 Starlink Antenna G550 N502SX Alteration - Electrical, Test and Flammability Substantiation report.

- Weight and balance have been updated as required.

- See attached Instructions for Continued Airworthiness

-----END-----

☐ Additional Sheets Are Attached

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION STATEMENT OF COMPLIANCE WITH AIRWORTHINESS STANDARDS			1. DATE June 3, 2022
AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION			
2. MAKE Gulfstream Aerospace	3. MODEL NO. GV-SP (G550)	4. TYPE (Aircraft, Engine, Propeller, etc.) Aircraft	5. NAME OF APPLICANT Space Exploration Technologies, Hawthorne, CA
LIST OF DATA			
6. IDENTIFICATION SPX-00002898 Rev. 3.0 Dated 05/31/2022	7. TITLE Starlink Antenna G550 N502SX Alteration - Electrical, Test and Flammability Substantiation Report		
This approval is for engineering design data only. It indicates the data listed above demonstrates compliance only with the regulations specified by paragraph and subparagraph listed below as "Applicable Requirements." This form does not constitute FAA approval of all the engineering data necessary for substantiation of compliance to necessary requirements for the entire alteration/repair. Approval is for Electrical Aspects Only. This approval is in support of major alteration to Gulfstream GV-SP (G550), S/N 5024 for Starlink Alteration.			
8. PURPOSE OF DATA In support of major alteration to Gulfstream GV-SP (G550), S/N 5024 for Starlink Alteration.			
9. APPLICABLE REQUIREMENTS (List specific sections) 14 CFR Part 25.1301(a)(b)(c) [Amdt. 25-0], 25.1351(a) [Amdt. 25-41], 25.1353(a) [Amdt. 25-42], 25.1357(a)(c) [Amdt. 25-0], 25.1431(a) [Amdt. 25-0]			
10. CERTIFICATION - Under authority vested by direction of the Administrator and in accordance with conditions and limitations of appointment under 14 CFR Part 183, data listed above and on attached sheets numbered <u>NONE</u> have been examined in accordance with established procedures and found to comply with applicable requirements of the Airworthiness Standards listed.			
☐ Recommend approval of these data ☒ Approve these data			
I (We) Therefore			
11. SIGNATURE(S) OF DESIGNATED ENGINEERING REPRESENTATIVE(S) Robert S. Chupka	12. DESIGNATION NUMBERS(S) DERT-834301-CE	13. CLASSIFICATION(S) Systems & Equipment (Electrical)	

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION STATEMENT OF COMPLIANCE WITH AIRWORTHINESS STANDARDS			1. DATE June 3, 2022
AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION			
2. MAKE Gulfstream	3. MODEL NO. GV-SP	4. TYPE (Aircraft, Engine, Propeller, etc.) Airplane	5. NAME OF APPLICANT Space Exploration Technologies, Hawthorne, CA
LIST OF DATA			
6. IDENTIFICATION	7. TITLE		
SpaceX Documents: SPX-00002923 Revision 4.0 dated 2022-05-31 SPX-00002916 Revision 3.0 Dated 2022-05-26 END END END	G550 SN 5024 Starlink Alteration – Master Drawing List G550 SN 5024 Starlink Alteration – Aircraft Installation Substantiation Notes: 1. This approval is for the engineering design and substantiation data only. It indicates the data listed above demonstrates compliance only with the regulations specified by paragraph and subparagraph listed below as "Applicable Requirements". This form may not constitute FAA approval of all the engineering data necessary for substantiation of compliance to necessary requirements for the entire alteration. It is not an installation approval. 2. Static structural approval only.		
8. PURPOSE OF DATA In support of a major alteration. GV-SP (G550) N502SX S/N 5024 only.			
9. APPLICABLE REQUIREMENTS (List specific sections) 14 CFR through Amdt. 25-98: 25.301(a)(b) Amdt. 25-23, 25.303 Amdt. 25-23, 25.305(a)(b) Amdt. 25-86, 25.307(a) Amdt. 25-72, 25.561(c) Amdt. 25-91, 25.601 Amdt. 25-0, 25.603(a)(b) Amdt. 25-46, 25.605(a) Amdt. 25-46, 25.609(a) Amdt. 25-0, 25.611 Amdt. 25-0, 25.625(a)(b)(c) Amdt. 25-46 [end]			
10. CERTIFICATION - Under authority vested by direction of the Administrator and in accordance with conditions and limitations of appointment under 14 CFR Part 183, data listed above and attached sheets numbered <u>none</u> have been examined in accordance with established procedures and found to comply with applicable requirements of the Airworthiness Standards listed.			
☐ I (We) Therefore ☐ Recommend approval of these data ☒ Approve these data			
11. SIGNATURE(S) OF DESIGNATED ENGINEERING REPRESENTATIVE(S)	12. DESIGNATION NUMBER(S)	13. CLASSIFICATION (S)	
Robert M. Halvorson	DERT-605221-NM	Structures	

INSTRUCTIONS FOR CONTINUED AIRWORTHINESS

A/C Make: Gulfstream Model: GV-SP (G550) S/N: 5024 Reg. #: N502SX

Revision: 0 Date: June 3, 2022

This sixteen item checklist are Instructions for Continued Airworthiness (ICA), to comply with FAA Order 8900.1, Vol. 4, Para. 1186, are applicable to the aircraft listed above when the following equipment is installed:

SYSTEM: Starlink V3 Antenna

ITEM	CHECKLIST INFORMATION
1.	Introduction: This section briefly describes the aircraft, engine, propeller, or component that has been altered. Include any other information on the content, scope, purpose, arrangement, applicability, definitions, abbreviations, precautions, units of measurement, referenced publications, and distribution of the ICA as applicable. Comment: <u>This alteration is for the G550 aircraft. A consumer Starlink antenna is attached inside the vertical tail radome and its associated PoE cable is routed through existing wire runs in the vertical stabilizer to a WIFI router mounted in the Credenza. Intent of the alteration is to provide satellite internet to passengers.</u>
2.	Description: Of the major alteration, its functions, including an explanation of its interface with other systems, if any. Comment: <u>The antenna is attached to an existing plate in the tail fairing and is secured using bolt/nut fasteners. The antenna receives PoE via the WIFI router powered by an existing Satcom 115VAC circuit, which is on a nonessential electrical bus.</u>
3.	Control, Operation information: Or special procedures, if any. Comment: <u>None</u>
4.	Servicing information: Such as types of fluids used, servicing points, and location of access panels, as appropriate. Comment: <u>Antenna can be accessed by removing the vertical tail fairing. Router can be accessed in the credenza cabinet.</u>
5.	Maintenance Instructions: Such as recommended inspection/maintenance periods in which each of the major alteration components are inspected, cleaned, lubricated, adjusted, and tested, including applicable wear tolerances and work recommended at each scheduled maintenance period. This section can refer to the manufacturers' instructions for the equipment installed where appropriate (e.g., functional checks, repairs, inspections.) It should also include any special notes, cautions, or warnings, as applicable. Comment: <u>None</u>
6.	Troubleshooting information: Information describing probable malfunctions, how to recognize those malfunctions, and the remedial actions to be taken. Comment: <u>Power cycle SATCOM switch in the cockpit in the event of wifi outage.</u>

INSTRUCTIONS FOR CONTINUED AIRWORTHINESS

7.	Removal and replacement information: This section describes the order and method of removing and replacing products, parts and any necessary precautions. This section should also describe or refer to manufacturer's instructions to make required tests, trim checks, alignment, calibrations, center of gravity changes, lifting or shoring, etc., if any. Comment: <u>Remove the vertical tail fairing to gain access to the attachment hardware and cable. Access the router in credenza cabinet, Remove and replace the hardware using standard practices and techniques as described in the G550 maintenance manual.</u>
8.	Diagrams: Of access plates and information, if needed, to gain access for inspection. Comment: <u>None</u>
9.	Special inspection requirements: Such as X-ray, ultrasonic testing, or magnetic particle inspection, if required. Comment: <u>In the event of a blade out engine condition, lightning strike, or FOD impact during flight, remove radome and inspect brackets, fasteners, and antenna for damage or loosening of fastener torques.</u>
10.	Application of protective treatments: To the affected area after inspection and/or maintenance, if any. Comment: <u>Standard practices and techniques apply</u>
11.	Data: Relative to structural fasteners such as type, torque, and installation requirements, if any. Comment: <u>Standard practices for fasteners apply</u>
12.	List of special tools: Special tools that are required, if any. Comment: <u>None</u>
13.	For commuter category aircraft: The following additional information must be furnished, as applicable: A. Electrical loads B. Methods of balancing flight controls C. Identification of primary and secondary structures D. Special repair methods applicable to the airplane. Comment: <u>N/A</u>
14.	Recommended overhaul periods: Are required to be noted on the ICA when an overhaul period has been set by the manufacturer of a component, or equipment. If there is no overhaul period, the ICA should state for item 14: "No additional overhaul time limitations." Comment: <u>No additional overhaul time limitations</u>

INSTRUCTIONS FOR CONTINUED AIRWORTHINESS

15.	Airworthiness Limitation Section: Include any "approved" airworthiness limitations identified by the manufacturer or FAA Type Certificate Holding Office (e.g., an STC incorporated in a larger field approved major alteration may have an airworthiness limitation.) The FAA inspector shall not establish, alter, or cancel airworthiness limitations without coordinating with the appropriate FAA Type Certificate Holding Office. If there are no changes to the airworthiness limitations, the ICA should state for item 15: "No additional airworthiness limitations" or "Not Applicable." Comment: <u>No additional airworthiness limitations.</u>
16.	Revision: This section should include information on how to revise the ICA. For example, a letter will be submitted to the local FSDO with a copy of the revised FAA Form 337 and revised ICA. The FAA inspector accepts the change by signing block 3 and including the following statement: "The attached revised/new Instructions for Continued Airworthiness (date _____) for the above aircraft or component major alteration have been accepted by the FAA, superseding the Instructions for Continued Airworthiness (date _____)." Once the revision has been accepted, a maintenance record entry will be made, identifying the revision, its location, and date of the Form 337. Comment: <u>The method of revision will be per the above example in this section.</u>

Note:

Implementation and Record Keeping: For major alterations performed in accordance with FAA Field Approval policy, the owner/operator operating under part 91 is responsible for ensuring that the ICA is made part of the applicable section 91.409 inspection program for their aircraft. This is accomplished when a maintenance entry is made in the aircraft's maintenance record in accordance with section 43.9. This entry records the major alteration and identifies the original ICA location (e.g., Block 8 of FAA Form 337, dated 10/06) along with a statement that the ICA is now part of the aircraft's inspection/maintenance requirements.

For major alterations performed in accordance with a field approval on air carrier aircraft, the air carrier operator is responsible for ensuring that the ICA is made part of the applicable inspection/maintenance program for their aircraft. If a procedure is not currently included in the operator's manual to incorporate ICA, this process will need to be appropriately addressed (i.e. the operator submits a revision to its maintenance program to the applicable certificate-holding district office (CHDO)).

For aircraft inspected under an Approved Aircraft Inspection Program (AAIP), the operator will submit a change to the CHDO in accordance with section 135.419 b).

For air carrier aircraft inspected using an annual/100 hour inspection program, a reference to the new ICA will be made in the aircraft's maintenance record in accordance with section 43.9. This entry records the major alteration and identifies the original ICA location (e.g., ICA are located/attached to Block 8 of FAA Form 337, dated 10/06). In addition, the operator will request a revision to the operator's Operations Specifications, additional maintenance requirements, which incorporates the ICA into the inspection program.

 U.S. Department of Transportation Federal Aviation Administration		MAJOR REPAIR AND ALTERATION (Airframe Powerplant, Propeller, or Appliance)		Form Approval OMB No. 2120-0020	
		For FAA Use Only			
		Office Identification			
INSTRUCTIONS. Print or type all entries. See FAR 43.9 FAR 43 Appendix B, and AC43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.U. 1421). Failure to report can result in a civil penalty not to exceed \$1,000 for each such violation (Section 901 Federal Aviation Act of 1958).					
1. Aircraft		Make GULFSTREAM AEROSPACE		Model GV-SP (G550)	
		Serial No. 5024		Nationality and Registration Marks N502SX	
2. Owner		Name (As shown on registration Certificate) FALCON LANDING LLC		Address (As shown on registration certificate) 1 ROCKET ROAD HAWTHORNE, CA 90250	
3. For FAA Use Only					
4. Unit Identification					
Unit	Make	Model	Serial no.	5. Type	
				Repairs	Alterations
Airframe	(As described in item 1 above)				X
Powerplant					
Propeller					
Appliance	Type				
	Manufacturer				
6. Conformity					
A. Agency's Name and Address			B. Kind of Agency		C. Certificate No.
ENRIQUE ACEVES 1401 SUPERIOR AVE. APT. E NEWPORT BEACH, CA 92663			X U.S. Certificated Mechanic		2753282
			Foreign Certificated Mechanic		
			Certificated Repair Station		
			Manufacturer		
D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Regulations and that the information furnished herein is true and correct to the best of my knowledge.					
Date 2-24-2022			Signature of Authorized Individual 		
7. Approval for Return To Service					
Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is ☒ APPROVED ☐ REJECTED					
BY	FAA Flt. Standards Inspector	Manufacturer	X	Inspection Authorization	Other (Specify)
	FAA Designee	Repair Station		Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection 2-4-2022		Certificate or Designation No. AP/IA 3395175		Signature of Authorized Individual 	

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alteration to assure continued conformity with the applicable airworthiness requirements

1. Description of Work Accomplished:

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed).

MODEL: GV-SP (G550)**SERIAL NO.:** 5024**TAIL NO.:** N502SX**WORK ORDER NO.:** n/a**DATE COMPLETED:** 2/4/2022**Page 2 of 3**

THE FOLLOWING ITEMS WERE ACCOMPLISHED AT FALCON LANDING, LLC IN HAWTHORNE CA:

The following systems were installed per the approved data shown.

	<u>ITEM SYSTEM</u>	<u>DRAWING NUMBER</u>	<u>REVISION</u>	<u>RELEASE DATE</u>
1.	STARLINK ANTENNA	01605064-501	A	2/2/2022
2.	STARLINK WIFI ROUTER (inside tail compartment)	01605064-501	A	2/2/2022

See 8110-3 (Structures) approval by DERT-605221-NM IAW the following documents

	<u>TITLE</u>	<u>DOCUMENT NUMBER</u>	<u>REVISION</u>	<u>RELEASE DATE</u>
	G550 SN 5024 Starlink Alteration - Master Drawing List	SPX-00002923	1.0	2/2/2022
	G550 SN 5024 Starlink Alteration - Aircraft Installation Substantiation	SPX-00002916	1.0	2/2/2022

Additional pages attached

MODEL: GV-SP (G550)
SERIAL NO.: 5024
TAIL NO.: N502SX
WORK ORDER NO.: n/a

DATE COMPLETED: 2/4/2022
Page 3 of 3

See 8110-3 (Electrical Systems & Equipment) approval by DERT-834301-CE IAW the following documents

<u>TITLE</u>	<u>DOCUMENT NUMBER</u>	<u>REVISION</u>	<u>RELEASE DATE</u>
G550 SN 5024 Starlink Alteration - Master Drawing List	SPX-00002923	1.0	2/2/2022
G550 SN5024 Starlink Alteration - Electrical Installation Instructions	SPX-00002934	1.0	2/3/2022
Starlink Antenna G550 Alteration Substantiation Report	SPX-00002898	1.0	2/2/2022
G550 SN5024 Starlink Alteration - System Safety Assessment	SPX-00002919	1.0	2/2/2022
G550 SN5024 Starlink Alteration - Ground Functional Test Plan	SPX-00002921	1.0	2/1/2022
G550 SN5024 Starlink Alteration - EMI Ground Test Plan	SPX-00002918	1.0	2/1/2022
G550 SN5024 Starlink Alteration - Flight EMI Test Plan	SDT-00000160	3.0	2/3/2022
G550 SN5024 Starlink Alteration - Ground Functional Test Report	SPX-00002921	1.0	2/1/2022
G550 SN5024 Starlink Alteration - EMI Ground Test Report	SPX-00002918	1.0	2/1/2022
G550 SN5024 Starlink Alteration - Flight EMI Test Report	SDT-00000160	3.0	2/3/2022

Weight and balance changes have been calculated and updated

See attached Instructions for Continued Airworthiness

-----END-----

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION STATEMENT OF COMPLIANCE WITH AIRWORTHINESS STANDARDS				I. DATE February 2, 2022
AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION				
2. MAKE Gulfstream	3. MODEL NO. GV-SP	4. TYPE (Aircraft, Engine, Propeller, etc.) Airplane	5. NAME OF APPLICANT Space Exploration Technologies, Hawthorne, CA	
LIST OF DATA				
6. IDENTIFICATION SpaceX Documents: SPX-00002923 Revision 1.0 dated 2022-02-02 SPX-00002916 Revision 1.0 Dated 2022-02-02 END END END	7. TITLE G550 SN 5024 Starlink Alteration – Master Drawing List G550 SN 5024 Starlink Alteration – Aircraft Installation Substantiation Notes: 1. This approval is for the engineering design and substantiation data only. It indicates the data listed above demonstrates compliance only with the regulations specified by paragraph and subparagraph listed below as "Applicable Requirements". This form may not constitute FAA approval of all the engineering data necessary for substantiation of compliance to necessary requirements for the entire alteration. It is not an installation approval. 2. Static structural approval only.			
8. PURPOSE OF DATA In support of a major alteration. Applicable to GV-SP (G550) N502SX S/N 5024 only.				
9. APPLICABLE REQUIREMENTS (List specific sections) 14 CFR through Amdt. 25-98: 25.301, 25.303, 25.305(a)(b), 25.307(a), 25.561(c), 25.601, 25.603, 25.605, 25.609, 25.611, 25.625 [end]				
10. CERTIFICATION - Under authority vested by direction of the Administrator and in accordance with conditions and limitations of appointment under 14 CFR Part 183, data listed above and attached sheets numbered <u>none</u> have been examined in accordance with established procedures and found to comply with applicable requirements of the Airworthiness Standards listed.				
☐ I (We) Therefore ☒ Recommend approval of these data Approve these data				
11. SIGNATURE(S) OF DESIGNATED ENGINEERING REPRESENTATIVE(S)		12. DESIGNATION NUMBER(S)		13. CLASSIFICATION (S)
Robert M. Halvorson		DERT-605221-NM		Structures

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
STATEMENT OF COMPLIANCE WITH AIRWORTHINESS STANDARDS

1. DATE
February 4, 2022

AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION

2. MAKE Gulfstream Aerospace	3. MODEL NO. GV-SP (G550)	4. TYPE (Aircraft, Engine, Propeller, etc.) Aircraft	5. NAME OF APPLICANT Space Exploration Technologies, Hawthorne, CA
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LIST OF DATA

6. IDENTIFICATION	7. TITLE
SPX-00002921 Rev. 1.0 Dated 02/01/2022	G550 SN 5024 Starlink Alteration - Ground Functional Test (Report)
SPX-00002918 Rev. 1.0 Dated 02/01/2022	G550 SN 5024 Starlink Alteration - EMI Ground Test (Report)
SDT-00000160 Rev. 3.0 Dated 02/03/2022	Starlink V3 Antenna G550 SN5024 EMI Flight Test Plan (Report)
This approval is for engineering design data only. It indicates the data listed above demonstrates compliance only with the regulations specified by paragraph and subparagraph listed below as "Applicable Requirements." This form does not constitute FAA approval of all the engineering data necessary for substantiation of compliance to necessary requirements for the entire alteration/repair. Approval is for Electrical Aspects Only. This approval is in support of major alteration to Gulfstream GV-SP (G550), S/N 5024 for Starlink Alteration.	

8. PURPOSE OF DATA In support of major alteration to Gulfstream GV-SP (G550), S/N 5024 for Starlink Alteration.

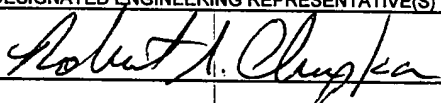
9. APPLICABLE REQUIREMENTS (List specific sections)
14 CFR Part 25.1301(d) [Amdt. 25-0], 25.1353(a) [Amdt. 25-42], 25.1431(a) [Amdt. 25-0]

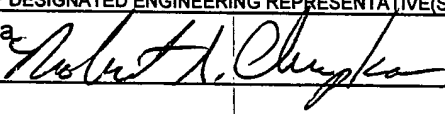
10. CERTIFICATION - Under authority vested by direction of the Administrator and in accordance with conditions and limitations of appointment under 14 CFR Part 183, data listed above and on attached sheets numbered NONE have been examined in accordance with established procedures and found to comply with applicable requirements of the Airworthiness Standards listed.

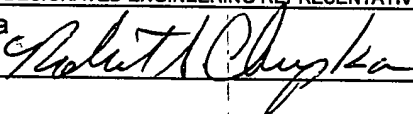
☐ Recommend approval of these data

I (We) Therefore

☒ Approve these data

11. SIGNATURE(S) OF DESIGNATED ENGINEERING REPRESENTATIVE(S) Robert S. Chupka 	12. DESIGNATION NUMBERS(S) DERT-834301-CE	13. CLASSIFICATION(S) Systems & Equipment (Electrical)
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U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION STATEMENT OF COMPLIANCE WITH AIRWORTHINESS STANDARDS				1. DATE February 4, 2022
AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION				
2. MAKE Gulfstream Aerospace	3. MODEL NO. GV-SP (G550)	4. TYPE (Aircraft, Engine, Propeller, etc.) Aircraft	5. NAME OF APPLICANT Space Exploration Technologies, Hawthorne, CA	
LIST OF DATA				
6. IDENTIFICATION		7. TITLE		
SPX-00002923 Rev. 1.0 Dated 02/02/2022 SPX-00002934 Rev. 1.0 Dated 02/03/2022		G550 SN 5024 Starlink Alteration - Master Drawing List G550 SN 5024 Starlink Alteration - Electrical Installation Instructions		
This approval is for engineering design data only. It indicates the data listed above demonstrates compliance only with the regulations specified by paragraph and subparagraph listed below as "Applicable Requirements." This form does not constitute FAA approval of all the engineering data necessary for substantiation of compliance to necessary requirements for the entire alteration/repair. Approval is for Electrical Aspects Only. This approval is in support of major alteration to Gulfstream GV-SP (G550), S/N 5024 for Starlink Alteration.				
8. PURPOSE OF DATA		In support of major alteration to Gulfstream GV-SP (G550), S/N 5024 for Starlink Alteration.		
9. APPLICABLE REQUIREMENTS (List specific sections) 14 CFR Part 25.1301(a)(b)(c) [Amdt. 25-0], 25.1351(a) [Amdt. 25-41], 25.1357(a)(c) [Amdt. 25-0]				
10. CERTIFICATION - Under authority vested by direction of the Administrator and in accordance with conditions and limitations of appointment under 14 CFR Part 183, data listed above and on attached sheets numbered <u>NONE</u> have been examined in accordance with established procedures and found to comply with applicable requirements of the Airworthiness Standards listed.				
☐ Recommend approval of these data ☒ Approve these data				
I (We) Therefore				
11. SIGNATURE(S) OF DESIGNATED ENGINEERING REPRESENTATIVE(S) Robert S. Chupka 		12. DESIGNATION NUMBERS(S) DERT-834301-CE	13. CLASSIFICATION(S) Systems & Equipment (Electrical)	

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION STATEMENT OF COMPLIANCE WITH AIRWORTHINESS STANDARDS				1. DATE February 4, 2022
AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION				
2. MAKE Gulfstream Aerospace	3. MODEL NO. GV-SP (G550)	4. TYPE (Aircraft, Engine, Propeller, etc.) Aircraft	5. NAME OF APPLICANT Space Exploration Technologies, Hawthorne, CA	
LIST OF DATA				
6. IDENTIFICATION	7. TITLE			
SPX-00002898 Rev. 1.0 Dated 02/02/2022 SPX-00002919 Rev. 1.0 Dated 02/03/2022	Starlink Antenna G550 Alteration Substantiation Report G550 SN 5024 Starlink Alteration - System Safety Assessment This approval is for engineering design data only. It indicates the data listed above demonstrates compliance only with the regulations specified by paragraph and subparagraph listed below as "Applicable Requirements." This form does not constitute FAA approval of all the engineering data necessary for substantiation of compliance to necessary requirements for the entire alteration/repair. Approval is for Electrical Aspects Only. This approval is in support of major alteration to Gulfstream GV-SP (G550), S/N 5024 for Starlink Alteration.			
8. PURPOSE OF DATA In support of major alteration to Gulfstream GV-SP (G550), S/N 5024 for Starlink Alteration.				
9. APPLICABLE REQUIREMENTS (List specific sections) 14 CFR Part 25.1301(a)(b)(c) [Amdt. 25-0], 25.1309(a)(b)(d)(e)(f)(g) [Amdt. 25-41], 25.1351(a) [Amdt. 25-41], 25.1353(a) [Amdt. 25-42], 25.1357(a)(c) [Amdt. 25-0], 25.1431(a) [Amdt. 25-0]				
10. CERTIFICATION - Under authority vested by direction of the Administrator and in accordance with conditions and limitations of appointment under 14 CFR Part 183, data listed above and on attached sheets numbered <u>NONE</u> have been examined in accordance with established procedures and found to comply with applicable requirements of the Airworthiness Standards listed. ☐ Recommend approval of these data I (We) Therefore ☒ Approve these data				
11. SIGNATURE(S) OF DESIGNATED ENGINEERING REPRESENTATIVE(S) Robert S. Chupka 	12. DESIGNATION NUMBERS(S) DERT-834301-CE	13. CLASSIFICATION(S) Systems & Equipment (Electrical)		

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
STATEMENT OF COMPLIANCE WITH AIRWORTHINESS STANDARDS

1. DATE
February 4, 2022

AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION

2. MAKE
Gulfstream Aerospace

3. MODEL NO.
GV-SP (G550)

4. TYPE (Aircraft, Engine, Propeller, etc.)
Aircraft

5. NAME OF APPLICANT
Space Exploration Technologies,
Hawthorne, CA

LIST OF DATA

6. IDENTIFICATION

7. TITLE

SPX-00002921
Rev. 1.0
Dated 02/01/2022

G550 SN 5024 Starlink Alteration - Ground Functional Test (Plan)

SPX-00002918
Rev. 1.0
Dated 02/01/2022

G550 SN 5024 Starlink Alteration - EMI Ground Test (Plan)

SDT-00000160
Rev. 3.0
Dated 02/03/2022

Starlink V3 Antenna G550 SN5024 EMI Flight Test Plan (Plan)

This approval is for engineering design data only. It indicates the data listed above demonstrates compliance only with the regulations specified by paragraph and subparagraph listed below as "Applicable Requirements." This form does not constitute FAA approval of all the engineering data necessary for substantiation of compliance to necessary requirements for the entire alteration/repair.

Approval is for Electrical Aspects Only.

This approval is in support of major alteration to Gulfstream GV-SP (G550), S/N 5024 for Starlink Alteration.

8. PURPOSE OF DATA In support of major alteration to Gulfstream GV-SP (G550), S/N 5024 for Starlink Alteration.

9. APPLICABLE REQUIREMENTS (List specific sections)

14 CFR Part 25.1301(d) [Amdt. 25-0], 25.1353(a) [Amdt. 25-42], 25.1431(a) [Amdt. 25-0]

10. CERTIFICATION - Under authority vested by direction of the Administrator and in accordance with conditions and limitations of appointment under 14 CFR Part 183, data listed above and on attached sheets numbered NONE have been examined in accordance with established procedures and found to comply with applicable requirements of the Airworthiness Standards listed.

☐ Recommend approval of these data

I (We) Therefore

☒ Approve these data

11. SIGNATURE(S) OF DESIGNATED ENGINEERING REPRESENTATIVE(S)

Robert S. Chupka

12. DESIGNATION NUMBERS(S)

DER-834301-CE

13. CLASSIFICATION(S)

Systems & Equipment
(Electrical)

INSTRUCTIONS FOR CONTINUED AIRWORTHINESS

A/C Make: Gulfstream Model: G550 S/N: 5024 Reg. #: N502SX

Revision: 0 Date: January 29, 2022

This sixteen item checklist are Instructions for Continued Airworthiness (ICA), to comply with FAA Order 8900.1, Vol. 4, Para. 1186, are applicable to the aircraft listed above when the following equipment is installed:

SYSTEM: Starlink V3 Antenna

ITEM	CHECKLIST INFORMATION
1.	Introduction: This section briefly describes the aircraft, engine, propeller, or component that has been altered. Include any other information on the content, scope, purpose, arrangement, applicability, definitions, abbreviations, precautions, units of measurement, referenced publications, and distribution of the ICA as applicable. Comment: <u>This alteration is for the G550 aircraft. A consumer Starlink antenna is attached inside the vertical tail radome and its associated PoE cable is routed through existing wire runs in the vertical stabilizer to a WiFi router mounted in the aft APU compartment. Intent of the alteration is to provide satellite internet to passengers.</u>
2.	Description: Of the major alteration, its functions, including an explanation of its interface with other systems, if any. Comment: <u>The antenna is attached to an existing mounting plate in the tail radome and is secured using existing fastener holes not currently used for structural attachment. The antenna receives PoE via the WiFi router powered by an existing Satcomm 115VAC outlet, which is on a nonessential electrical bus.</u>
3.	Control, Operation information: Or special procedures, if any. Comment: <u>None</u>
4.	Servicing information: Such as types of fluids used, servicing points, and location of access panels, as appropriate. Comment: <u>Antenna can be accessed by removing the vertical tail radome. Router can be accessed through the TAIL compartment.</u>
5.	Maintenance Instructions: Such as recommended inspection/maintenance periods in which each of the major alteration components are inspected, cleaned, lubricated, adjusted, and tested, including applicable wear tolerances and work recommended at each scheduled maintenance period. This section can refer to the manufacturers' instructions for the equipment installed where appropriate (e.g., functional checks, repairs, inspections.) It should also include any special notes, cautions, or warnings, as applicable. Comment: <u>None</u>
6.	Troubleshooting information: Information describing probable malfunctions, how to recognize those malfunctions, and the remedial actions to be taken. Comment: <u>Power cycle SATCOM switch in the cockpit in the event of wifi outage.</u>

INSTRUCTIONS FOR CONTINUED AIRWORTHINESS

7.	Removal and replacement information: This section describes the order and method of removing and replacing products, parts and any necessary precautions. This section should also describe or refer to manufacturer's instructions to make required tests, trim checks, alignment, calibrations, center of gravity changes, lifting or shoring, etc., if any. Comment: <u>Remove the vertical tail radome to gain access to the attachment hardware and cable. Access the router in the APU compartment, Remove and replace the hardware using standard practices and techniques as described in the G550 maintenance manual.</u>
8.	Diagrams: Of access plates and information, if needed, to gain access for inspection. Comment: <u>None</u>
9.	Special inspection requirements: Such as X-ray, ultrasonic testing, or magnetic particle inspection, if required. Comment: <u>In the event of a blade out engine condition, lightning strike, or FOD impact during flight, remove radome and inspect brackets, fasteners, and antenna for damage or loosening of fastener torques.</u>
10.	Application of protective treatments: To the affected area after inspection and/or maintenance, if any. Comment: <u>Standard practices and techniques apply</u>
11.	Data: Relative to structural fasteners such as type, torque, and installation requirements, if any. Comment: <u>Standard practices for fasteners apply</u>
12.	List of special tools: Special tools that are required, if any. Comment: <u>None</u>
13.	For commuter category aircraft: The following additional information must be furnished, as applicable: A. Electrical loads B. Methods of balancing flight controls C. Identification of primary and secondary structures D. Special repair methods applicable to the airplane. Comment: <u>N/A</u>
14.	Recommended overhaul periods: Are required to be noted on the ICA when an overhaul period has been set by the manufacturer of a component, or equipment. If there is no overhaul period, the ICA should state for item 14: "No additional overhaul time limitations." Comment: <u>No additional overhaul time limitations</u>

INSTRUCTIONS FOR CONTINUED AIRWORTHINESS

15.	Airworthiness Limitation Section: Include any "approved" airworthiness limitations identified by the manufacturer or FAA Type Certificate Holding Office (e.g., an STC incorporated in a larger field approved major alteration may have an airworthiness limitation.) The FAA inspector shall not establish, alter, or cancel airworthiness limitations without coordinating with the appropriate FAA Type Certificate Holding Office. If there are no changes to the airworthiness limitations, the ICA should state for item 15: "No additional airworthiness limitations" or "Not Applicable." Comment: <u>No additional airworthiness limitations.</u>
16.	Revision: This section should include information on how to revise the ICA. For example, a letter will be submitted to the local FSDO with a copy of the revised FAA Form 337 and revised ICA. The FAA inspector accepts the change by signing block 3 and including the following statement: "The attached revised/new Instructions for Continued Airworthiness (date _____) for the above aircraft or component major alteration have been accepted by the FAA, superseding the Instructions for Continued Airworthiness (date _____)." Once the revision has been accepted, a maintenance record entry will be made, identifying the revision, its location, and date of the Form 337. Comment: <u>The method of revision will be per the above example in this section.</u>

Note:

Implementation and Record Keeping: For major alterations performed in accordance with FAA Field Approval policy, the owner/operator operating under part 91 is responsible for ensuring that the ICA is made part of the applicable section 91.409 inspection program for their aircraft. This is accomplished when a maintenance entry is made in the aircraft's maintenance record in accordance with section 43.9. This entry records the major alteration and identifies the original ICA location (e.g., Block 8 of FAA Form 337, dated 10/06) along with a statement that the ICA is now part of the aircraft's inspection/maintenance requirements.

For major alterations performed in accordance with a field approval on air carrier aircraft, the air carrier operator is responsible for ensuring that the ICA is made part of the applicable inspection/maintenance program for their aircraft. If a procedure is not currently included in the operator's manual to incorporate ICA, this process will need to be appropriately addressed (i.e. the operator submits a revision to its maintenance program to the applicable certificate-holding district office (CHDO)).

For aircraft inspected under an Approved Aircraft Inspection Program (AAIP), the operator will submit a change to the CHDO in accordance with section 135.419 b).

For air carrier aircraft inspected using an annual/100 hour inspection program, a reference to the new ICA will be made in the aircraft's maintenance record in accordance with section 43.9. This entry records the major alteration and identifies the original ICA location (e.g., ICA are located/attached to Block 8 of FAA Form 337, dated 10/06). In addition, the operator will request a revision to the operator's Operations Specifications, additional maintenance requirements, which incorporates the ICA into the inspection program.



US Department
of Transportation
**Federal Aviation
Administration**

MAJOR REPAIR AND ALTERATION
(Airframe, Powerplant, Propeller, or Appliance)

Form Approved
OMB No. 2120-0020
11/30/2007

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

1. Aircraft	Nationality and Registration Mark U.S.A. N502SX	Serial No. 5024	
	Make Gulfstream Aerospace	Model GV-SP (G550)	Series
2. Owner	Name (As shown on registration certificate) Falcon Landing, LLC	Address (As shown on registration certificate) Address 1 Rocket Road City Hawthorne State CA Zip 90250 Country USA	

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
☐	☒	AIRFRAME	_____	(As described in Item 1 above)	_____
☐	☐	POWERPLANT			
☐	☐	PROPELLER			
☐	☐	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency	
Name Gulfstream Aerospace		☐ U.S. Certificated Mechanic	☐ Manufacturer
Address 7440 Aviation Place		☐ Foreign Certificated Mechanic	C. Certificate No.
City Dallas State TX		☒ Certificated Repair Station	CRS VJ1R560K
Zip 75235 Country United States		☐ Certificated Maintenance Organization	

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Extended range fuel per 14 CFR Part 43 App. B ☐	Signature/Date of Authorized Individual Kevin Kirkwood September 9, 2021
--	--

7. Approval for Return To Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is ☒ Approved ☐ Rejected

BY	FAA Flt. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
	FAA Designee ☒	Repair Station	Inspection Authorization	Other (Specify)

Certificate or Designation No. CRS VJ1R560K	Signature/Date of Authorized Individual Kevin Kirkwood September 9, 2021
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NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

U.S.A. N502SX

Nationality and Registration Mark

September 9, 2021

Date

This FAA Form 337 conforms the foreign registered FAA Form 337 dated: 9-24-2012
GAC Work Order SC290716.

1. Complied with replacement of left mid cabin bulkhead portable Halon fire extinguisher in accordance with Gulfstream Drawing List No. CE52 8000033 and E.O. AI, Rev. NC.

Item Removed:

Mid Cabin Portable Halon Fire Extinguisher P/N 100-9750 Weight: 5.90 lbs. F.S.: 461.94

Manufacture: Flag Fire

Item Installed:

Mid Cabin Portable Halon Fire Extinguisher P/N C354TS Weight: 5.34 lbs. F.S.: 461.94

Manufacture: Amerex

•Reference FAA Form 8100-9 dated 09/19/2012 to substantiate Gulfstream Drawing CE52 8000033 and E.O. AI Rev. NC.
(Fire Extinguisher Replacement)

•Reference Gulfstream Document CE52 856A012, Rev. NC., for maintenance requirements - instructions for continued Airworthiness.

2.The installed equipment is required to be operational unless specifically listed on the MEL for the aircraft.

3.The weight and balance change to the aircraft is negligible.

4.Updated the Equipment List section of the Weight and Balance Manual.

END

☐ Additional Sheets Are Attached

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION STATEMENT OF COMPLIANCE WITH AIRWORTHINESS STANDARDS			FAA Project No. TA-06-2012-0013	
AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION				
MAKE Gulfstream	MODEL NO. GV-SP	TYPE (Aircraft, Engine, Propeller, etc.) Aircraft	NAME OF APPLICANT/AUTHORIZATION NO. Gulfstream Aerospace Corp. ODA-511131-CE	
LIST OF DATA				
IDENTIFICATION	TITLE			
CE528000033 EO A1 Dated 09/19/12	FLOOR PLAN MOD SN 5024 -----End Of Data----- <u>Notes:</u> 1. The Gulfstream Organization Designation Authorization approves these data. This constitutes FAA approval of the major alteration data listed and are not Installation data. The Systems and Equipment aspects are not included. Valid only for GV-SP s/n 5024. 2. The structures aspects only of the above listed data are approved herein 3. This approval is for engineering design and substantiation data only and does include installation data. 4. Data does not constitute all data necessary to substantiate compliance of the alteration with all applicable airworthiness regulations. 5. The following ICA applies to this alteration : CE52856A012			
PURPOSE OF DATA Support of Major Alteration to Gulfstream GV-SP s/n 5024. Approval of structural aspects for the installation of a replacement fire extinguisher on the LH mid cabin bulkhead. This FAA approval is provided for a foreign registered aircraft. Acceptance is at the discretion of the civil aviation authority of the State of Registry. The installer must determine compatibility of this data with the a/c configuration.				
APPLICABLE REQUIREMENTS (List specific sections) 14CFR Part 25.301 Amdt. 25-23, 25.303 Amdt. 25-23, 25.305(a)(b)(3) Amdt. 25-86, 25.307(a) Amdt. 25-72 25.561(b)(3)(c) Amdt. 25-91, 25.601 Amdt. 25-0, 25.603 Amdt. 25-46, 25.605(a) Amdt. 25-46, 25.609 Amdt. 25-0				
CERTIFICATION - As directed by the Administrator and in accordance with the conditions and limitations of authorization under 14 CFR, data listed above and on attached sheets numbered <u> NONE </u> have been examined in accordance with established procedures and found to comply with applicable requirements of the Airworthiness Standards listed.				
☐ Recommend approval of these data				
I (We) Therefore: ☒ Approve these data				
SIGNATURE(S) OF AUTHORIZED REPRESENTATIVE(S)	NAME	CLASSIFICATION(S)	DATE	
<i>Brian Kenworthy</i> Gulfstream ODA - 511131-CE	Brian Kenworthy	AR-E-3023 Structures	09.12.12	

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION STATEMENT OF COMPLIANCE WITH AIRWORTHINESS STANDARDS			FAA Project No. TA-06-2012-0013	
AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION				
MAKE Gulfstream	MODEL NO. GV-SP	TYPE (Aircraft, Engine, Propeller, etc.) Aircraft	NAME OF APPLICANT/AUTHORIZATION NO. Gulfstream Aerospace Corp. ODA-511131-CE	
LIST OF DATA				
IDENTIFICATION CE528000033 EO A1 Dated 09/19/12	TITLE FLOOR PLAN MOD SN 5024 -----End Of Data-----			
Notes: 1. The Gulfstream Organization Designation Authorization approves these data. This constitutes FAA approval of the major alteration data listed and are not Installation data. The Systems and Equipment aspects are not included. Valid only for GV-SP s/n 5024. 2. The structures aspects only of the above listed data are approved herein 3. This approval is for engineering design and substantiation data only and does include installation data. 4. Data does not constitute all data necessary to substantiate compliance of the alteration with all applicable airworthiness regulations. 5. The following ICA applies to this alteration : CE52856A012				
PURPOSE OF DATA Support of Major Alteration to Gulfstream GV-SP s/n 5024. Approval of structural aspects for the installation of a replacement fire extinguisher on the LH mid cabin bulkhead. This FAA approval is provided for a foreign registered aircraft. Acceptance is at the discretion of the civil aviation authority of the State of Registry. The installer must determine compatibility of this data with the a/c configuration.				
APPLICABLE REQUIREMENTS (List specific sections) 14CFR Part 25.301 Amdt. 25-23, 25.303 Amdt. 25-23, 25.305(a)(b)(3) Amdt. 25-86, 25.307(a) Amdt. 25-72, 25.561(b)(3)(c) Amdt. 25-91, 25.601 Amdt. 25-0, 25.603 Amdt. 25-46, 25.605(a) Amdt. 25-46, 25.609 Amdt. 25-0				
CERTIFICATION - As directed by the Administrator and in accordance with the conditions and limitations of authorization under 14 CFR, data listed above and on attached sheets numbered <u> </u> - NONE - have been examined in accordance with established procedures and found to comply with applicable requirements of the Airworthiness Standards listed.				
☐ Recommend approval of these data				
I (We) Therefore: ☒ Approve these data				
SIGNATURE(S) OF AUTHORIZED REPRESENTATIVE(S) <i>Brian Kenworthy</i> Gulfstream ODA - 511131-CE	NAME Brian Kenworthy	CLASSIFICATION(S) AR-E-3023 Structures	DATE 09.12.12	

Gulfstream®

CUSTOM ENGINEERING DRAWING LIST ACFT 5024

SHEET 2 OF 2

TYPE AIRCRAFT Gulfstream GV-SP	SERIAL NO 5024	DWG NO CE52005024	DEPT. 668
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REV.	ORIGINATOR	DATE	DESCRIPTION
—	G. Nelson	11/11/09	Initial Release
A	G. Nelson	11/19/09	Add Item 06
B	Al Williams	10/10/11	Added Items 07, 08
C	L. NICHOLS	09/19/12	REVISED ITEM 01. ADDED EO A1 AND NOTE 1.

ITEM NO	DOCUMENT NUMBER	NIECO EO NO	DOC REV	DL REV	DOCUMENT TITLE OR DESCRIPTION	CERT BASIS	WORK ORDER WIT. ITEM
01	CE528000033-01	A1	—	C	FLOOR PLAN MOD SN 5024 (NOTE 1)	MAJ	SC290716.13.11
02	CE528200035-01	—	—	—	PLACARD LAYOUT MOD (SIMPLIFIED CHINESE)	MIN	SC184832.7.1.1
03	CE528560029-01	—	—	—	INTERIOR CABIN EMERGENCY LIGHTING MOD	MIN	SC184832.7.1.1
04	CE579065052	—	B	—	EXTERIOR MARKINGS	REF	SC184832.9.2.1
05	1159SB40396-01	—	B	—	QAR ASC INSTL	PADMJ	SC184832.6.16.4
06	CE528560024	—	—	A	LIFE VEST REPLACEMENT-AIR CRUISERS 63600 SERIES	PADMN	SC184832.8.55.1
07	CE528560025-05	—	C	B	FIRE EXTINGUISHER REPLACEMENT	PADMJ	SC255332.13.5
08	CE52856A004	—	—	B	INSTRUCTIONS FOR CONTINUED AIRWORTHINESS FIRE EXTINGUISHER INSTALLATION - GVSP S/N 5024	REF	SC255332.13.5
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NOTES:

1. Fire extinguisher replacement only.



US Department
of Transportation
**Federal Aviation
Administration**

MAJOR REPAIR AND ALTERATION
(Airframe, Powerplant, Propeller, or Appliance)

Form Approved
OMB No. 2120-0020
11/30/2007

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

1. Aircraft	Nationality and Registration Mark U.S.A. N502SX	Serial No. 5024	
	Make Gulfstream Aerospace	Model GV-SP (G550)	Series

2. Owner	Name (As shown on registration certificate) Falcon Landing, LLC	Address (As shown on registration certificate) Address 1 Rocket Road City Hawthorne State CA Zip 90250 Country USA	
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3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
☒	☐	AIRFRAME	_____	(As described in Item 1 above)	_____
☐	☐	POWERPLANT			
☐	☐	PROPELLER			
☐	☐	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency	
Name Gulfstream Aerospace		☐ U.S. Certificated Mechanic	☐ Manufacturer
Address 7440 Aviation Place		☐ Foreign Certificated Mechanic	C. Certificate No.
City Dallas State TX		☒ Certificated Repair Station	CRS VJ1R560K
Zip 75235 Country United States		☐ Certificated Maintenance Organization	

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Extended range fuel per 14 CFR Part 43 App. B ☐	Signature/Date of Authorized Individual Kevin Kirkwood September 9, 2021
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7. Approval for Return To Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is ☒ Approved ☐ Rejected

BY	FAA Flt. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
	FAA Designee ☒	Repair Station	Inspection Authorization	Other (Specify)

Certificate or Designation No. CRS VJ1R560K	Signature/Date of Authorized Individual Kevin Kirkwood September 9, 2021
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NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

U.S.A. N502SX

Nationality and Registration Mark

September 9, 2021

Date

This FAA Form 337 conforms the foreign registered FAA Form 337 dated: 9-24-2012
GAC Work Order SC290716.

1. Complied with repair to Main Entrance Door Inner Seal in accordance with Gulfstream Top Drawing SE50005024, Rev.D.

- Reference FAA Form 8100-9 dated 09/14/2012 to substantiate Gulfstream Top Drawing SE50005024, Rev D.

2. Complied with rework at the Right Wheel Well gust lock cable and rudder trim cable feedthru below floorboard 10D at Fuselage Station 576.5 in accordance with Gulfstream Top Drawing SE50005024, Rev. C. (Reference Item 13.5).

- Reference FAA Form 8100-9 dated 10/20/2011 to substantiate Gulfstream Drawing No. SE55227100, Rev. NC. (Rework-Cable penetration, Flight Control).

3. Complied with repair at the aft wing to body fairing 195AB in accordance with Gulfstream Top Drawing No. SE50005024, Rev. D.

- Reference FAA Form 8100-9 dated 09/14/2012 to substantiate Gulfstream Top Drawing No. Gulfstream Drawing SE50005024 Rev. D.

4. Complied with rework at the feedthru openings for the Right Wheel Well rudder trim and gust lock cables below floorboard 1 OD between Fuselage Stations 569 .5 and 531.0 in accordance with Gulfstream Top Drawing SE50005024, Rev. D.

- Reference FAA Form 8100-9 dated 09/14/2012 to substantiate Gulfstream Top Drawing SE50005024, Rev.D.

END

☐ Additional Sheets Are Attached

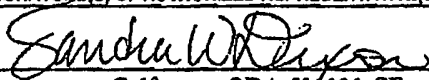
CERT0193876

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION			FAA Project No. TR-07-2011-0015
STATEMENT OF COMPLIANCE WITH AIRWORTHINESS STANDARDS			
AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION			
MAKE: Gulfstream	MODEL NO.: GV-SP	TYPE (Aircraft, Engine, Propeller, etc.): Aircraft	NAME OF APPLICANT/AUTHORIZATION NO.: Gulfstream Aerospace Corporation ODA-511131-CE
LIST OF DATA			
IDENTIFICATION	TITLE		
SE50005024 REV. C Dated: 10/20/11	TOP DRAWING - REPAIR/MODIFICATION, GV-SP S/N 5024		
End of Data			
Notes: 1) The Gulfstream Organization Designation Authorization approves these data. The Structural aspects only of the above listed data are approved herein. 2) This approval is only for the Engineering design data and is not installation data. 3) This FAA approval is provided for the following repairs to GV-SP, Serial No 5024 only: SE55227100-10 REWORK-CABLE PENETRATION, FLIGHT CONTROL 4) This Major Repair has no impact to the approved Instructions for Continued Airworthiness contained in the Aircraft Maintenance Manual. 5) This FAA approval is provided for a foreign registered aircraft. Acceptance is at the discretion of the Civil Aviation Authority of the State of Registry. The installer must determine compatibility of this data with the aircraft configuration. 6) Structural substantiation is contained in Service Engineering Analysis Database, Storage Book 208, Volume 21, Task #2568.			
PURPOSE OF DATA			
In support of Major Repair for GV-SP, S/N 5024.			
APPLICABLE REQUIREMENTS (List specific sections)			
14 CFR 25.601 Amdt.25-0; 25.603(a),(b) Amdt.25-46; 25.605(a) Amdt 25-46; 25.609(a) Amdt.25-0; 25.301(a),(b) Amdt.25-23; 25.303 Amdt.25-23; 25.305(a),(b) Amdt.25-86; 25.307(a) Amdt.25-72; as established within TCDS A12EA, Revision 38			
CERTIFICATION - As directed by the Administrator and in accordance with the conditions and limitations of authorization under 14 CFR, data listed above and on attached sheets numbered <u>NONE</u> have been examined in accordance with established procedures and found to comply with applicable requirements of the Airworthiness Standards listed. ☐ Recommend approval of these data I (We) Therefore: ☒ Approve these data			
SIGNATURE(S) OF AUTHORIZED REPRESENTATIVE(S)	NAME	CLASSIFICATION(S)	DATE
 Gulfstream ODA-511131-CE	Robert H. Drimmon, Jr.	AR-E-1018 Structural	10/20/2011

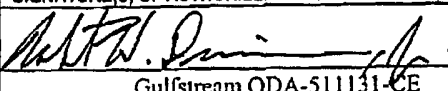
Cert 0210824

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION STATEMENT OF COMPLIANCE WITH AIRWORTHINESS STANDARDS			FAA Project No. TR-07-2012-0014	
AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION				
MAKE: Gulfstream	MODEL NO.: GV-SP	TYPE (Aircraft, Engine, Propeller, etc.): Aircraft	NAME OF APPLICANT/AUTHORIZATION NO.: Gulfstream Aerospace Corporation ODA-511131-CE	
LIST OF DATA				
IDENTIFICATION	TITLE			
SE50005024 REV. D Dated: 09/14/2012	TOP DRAWING - REPAIR/MODIFICATION, GV-SP S/N 5024 End of Data			
Notes: 1) The Gulfstream Organization Designation Authorization approves these data. The Structural aspects only of the above listed data are approved herein. 2) This approval is only for the Engineering design data and is not installation data. 3) This FAA approval is provided for the following repairs to GV-SP, Serial No 5024 only: Corridor Work Order CS290716.13.2.3 Repair of Gouge in M.E.D Inner Water Seal; 4) This Major Alteration has no impact to the approved Instructions for Continued Airworthiness contained in the Aircraft Maintenance Manual. 5) Structural substantiation is contained in Service Engineering Analysis Database, Storage Book <u>208</u> , Volume <u>40</u> , Task # <u>5239</u> .				
PURPOSE OF DATA In support of Major Alteration for GV-SP, S/N 5024, Alteration of Main entry Door Seal. This FAA approval is provided for a foreign registered aircraft. Acceptance is at the discretion of the Civil Aviation Authority of the State of Registry. The installer must determine compatibility of this data with the aircraft configuration.				
APPLICABLE REQUIREMENTS (List specific sections) 14 CFR 25.601 Amdt.25-0; 25.603(a),(b) Amdt.25-46; 25.605(a) Amdt 25-46; 25.609(a) Amdt.25-0;				
CERTIFICATION - As directed by the Administrator and in accordance with the conditions and limitations of authorization under 14 CFR, data listed above and on attached sheets numbered <u>NONE</u> have been examined in accordance with established procedures and found to comply with applicable requirements of the Airworthiness Standards listed. ☐ Recommend approval of these data I (We) Therefore: ☒ Approve these data				
SIGNATURE(S) OF AUTHORIZED REPRESENTATIVE(S)	NAME	CLASSIFICATION(S)	DATE	
 Gulfstream ODA-511131-CE	Sandra W. Dixon	AR-E-1128 Structures	09/14/2012	

cert 0210825

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION STATEMENT OF COMPLIANCE WITH AIRWORTHINESS STANDARDS			FAA Project No. TR-07-2012-0014	
AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION				
MAKE:	MODEL NO.:	TYPE (Aircraft, Engine, Propeller, etc.):	NAME OF APPLICANT/AUTHORIZATION NO.:	
Gulfstream	GV-SP	Aircraft	Gulfstream Aerospace Corporation ODA-511131-CE	
LIST OF DATA				
IDENTIFICATION	TITLE			
SE50005024 REV. D Dated: 09/14/2012	TOP DRAWING - REPAIR/MODIFICATION, GV-SP S/N 5024 End of Data			
Notes: 1) The Gulfstream Organization Designation Authorization approves these data. The Structural aspects only of the above listed data are approved herein. 2) This approval is only for the Engineering design data and is not installation data. 3) This FAA approval is provided for the following repairs to GV-SP, Serial No 5024 only: SE55227100-6/-8 REWORK- CABLE PENETRATION, FLIGHT CONTROL; Corridor Work Order Steps 13.35.4, 13.35.10, 13.35.13: Repair of elongated fairing fastener holes at F.S. 706.00 4) This Major Repair has no impact to the approved Instructions for Continued Airworthiness contained in the Aircraft Maintenance Manual. 5) Structural substantiation is contained in Service Engineering Analysis Database, Storage Book <u>208</u> , Volume <u>40</u> , Task # <u>5239</u> .				
PURPOSE OF DATA In support of Major Repair for GV-SP, S/N 5024, Cable Penetration and Fuselage Skin at Baggage Door. This FAA approval is provided for a foreign registered aircraft. Acceptance is at the discretion of the Civil Aviation Authority of the State of Registry. The installer must determine compatibility of this data with the aircraft configuration.				
APPLICABLE REQUIREMENTS (List specific sections) 14 CFR 25.601 Amdt.25-0; 25.603(a),(b) Amdt.25-46; 25.605(a) Amdt 25-46; 25.609(a) Amdt.25-0; 25.301(a),(b) Amdt.25-23; 25.303 Amdt.25-23; 25.305(a),(b) Amdt.25-86; 25.307(a) Amdt.25-72; 25.571(a)(b) Amdt. 25-86				
CERTIFICATION - As directed by the Administrator and in accordance with the conditions and limitations of authorization under 14 CFR, data listed above and on attached sheets numbered <u>NONE</u> have been examined in accordance with established procedures and found to comply with applicable requirements of the Airworthiness Standards listed.				
☐ Recommend approval of these data				
I (We) Therefore: ☒ Approve these data				
SIGNATURE(S) OF AUTHORIZED REPRESENTATIVE(S)	NAME	CLASSIFICATION(S)	DATE	
 Gulfstream ODA-511131-CE	Sandra W. Dixon	AR-E-1128 Structures	09/14/2012	

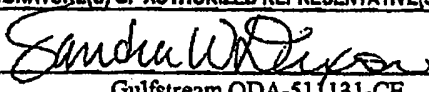
CERT0193876

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION STATEMENT OF COMPLIANCE WITH AIRWORTHINESS STANDARDS			FAA Project No. TR-07-2011-0015
AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION			
MAKE:	MODEL NO.:	TYPE (Aircraft, Engine, Propeller, etc.):	NAME OF APPLICANT/AUTHORIZATION NO.:
Gulfstream	GV-SP	Aircraft	Gulfstream Aerospace Corporation ODA-511131-CE
LIST OF DATA			
IDENTIFICATION	TITLE		
SE50005024 REV. C Dated: 10/20/11	TOP DRAWING - REPAIR/MODIFICATION, GV-SP S/N 5024 ----- End of Data ----- Notes: 1) The Gulfstream Organization Designation Authorization approves these data. The Structural aspects only of the above listed data are approved herein. 2) This approval is only for the Engineering design data and is not installation data. 3) This FAA approval is provided for the following repairs to GV-SP, Serial No 5024 only: SE55227100-10 REWORK-CABLE PENETRATION, FLIGHT CONTROL 4) This Major Repair has no impact to the approved Instructions for Continued Airworthiness contained in the Aircraft Maintenance Manual. 5) This FAA approval is provided for a foreign registered aircraft. Acceptance is at the discretion of the Civil Aviation Authority of the State of Registry. The installer must determine compatibility of this data with the aircraft configuration. 6) Structural substantiation is contained in Service Engineering Analysis Database, Storage Book 208, Volume 21, Task #2568.		
PURPOSE OF DATA In support of Major Repair for GV-SP, S/N 5024.			
APPLICABLE REQUIREMENTS (List specific sections) 14 CFR 25.601 Amdt.25-0; 25.603(a),(b) Amdt.25-46; 25.605(a) Amdt 25-46; 25.609(a) Amdt.25-0; 25.301(a),(b) Amdt.25-23; 25.303 Amdt.25-23; 25.305(a),(b) Amdt.25-86; 25.307(a) Amdt.25-72; as established within TCDS A12EA, Revision 38			
CERTIFICATION - As directed by the Administrator and in accordance with the conditions and limitations of authorization under 14 CFR, data listed above and on attached sheets numbered <u>NONE</u> have been examined in accordance with established procedures and found to comply with applicable requirements of the Airworthiness Standards listed. ☐ Recommend approval of these data I (We) Therefore: ☒ Approve these data			
SIGNATURE(S) OF AUTHORIZED REPRESENTATIVE(S)	NAME	CLASSIFICATION(S)	DATE
 Gulfstream ODA-511131-CE	Robert H. Drinnon, Jr.	AR-E-1018 Structural	10/20/2011

Cert 0210824

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION STATEMENT OF COMPLIANCE WITH AIRWORTHINESS STANDARDS			FAA Project No. TR-07-2012-0014	
AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION				
MAKE: Gulfstream	MODEL NO.: GV-SP	TYPE (Aircraft, Engine, Propeller, etc.): Aircraft	NAME OF APPLICANT/AUTHORIZATION NO.: Gulfstream Aerospace Corporation ODA-511131-CE	
LIST OF DATA				
IDENTIFICATION	TITLE			
SE50005024 REV. D Dated: 09/14/2012	TOP DRAWING - REPAIR/MODIFICATION, GV-SP S/N 5024 End of Data			
Notes: 1) The Gulfstream Organization Designation Authorization approves these data. The Structural aspects only of the above listed data are approved herein. 2) This approval is only for the Engineering design data and is not installation data. 3) This FAA approval is provided for the following repairs to GV-SP, Serial No 5024 only: Corridor Work Order CS290716.13.2.3 Repair of Gouge in M.E.D Inner Water Seal; 4) This Major Alteration has no impact to the approved Instructions for Continued Airworthiness contained in the Aircraft Maintenance Manual. 5) Structural substantiation is contained in Service Engineering Analysis Database, Storage Book <u>208</u> , Volume <u>40</u> , Task # <u>5239</u> .				
PURPOSE OF DATA In support of Major Alteration for GV-SP, S/N 5024, Alteration of Main entry Door Seal. This FAA approval is provided for a foreign registered aircraft. Acceptance is at the discretion of the Civil Aviation Authority of the State of Registry. The installer must determine compatibility of this data with the aircraft configuration.				
APPLICABLE REQUIREMENTS (List specific sections) 14 CFR 25.601 Amdt.25-0; 25.603(a),(b) Amdt.25-46; 25.605(a) Amdt 25-46; 25.609(a) Amdt.25-0;				
CERTIFICATION - As directed by the Administrator and in accordance with the conditions and limitations of authorization under 14 CFR, data listed above and on attached sheets numbered <u>NONE</u> have been examined in accordance with established procedures and found to comply with applicable requirements of the Airworthiness Standards listed. ☐ Recommend approval of these data I (We) Therefore: ☒ Approve these data				
SIGNATURE(S) OF AUTHORIZED REPRESENTATIVE(S)	NAME	CLASSIFICATION(S)	DATE	
 Gulfstream ODA-511131-CE	Sandra W. Dixon	AR-E-1128 Structures	09/14/2012	

Cert 0210825

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		FAA Project No. TR-07-2012-0014	
STATEMENT OF COMPLIANCE WITH AIRWORTHINESS STANDARDS			
AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION			
MAKE: Gulfstream	MODEL NO.: GV-SP	TYPE (Aircraft, Engine, Propeller, etc.): Aircraft	NAME OF APPLICANT/AUTHORIZATION NO.: Gulfstream Aerospace Corporation ODA-511131-CE
LIST OF DATA			
IDENTIFICATION	TITLE		
SE50005024 REV. D Dated: 09/14/2012	TOP DRAWING - REPAIR/MODIFICATION, GV-SP S/N 5024		
----- End of Data -----			
Notes:			
1) The Gulfstream Organization Designation Authorization approves these data. The Structural aspects only of the above listed data are approved herein.			
2) This approval is only for the Engineering design data and is not installation data.			
3) This FAA approval is provided for the following repairs to GV-SP, Serial No 5024 only: SE55227100-6/-8 REWORK- CABLE PENETRATION, FLIGHT CONTROL; Corridor Work Order Steps 13.35.4, 13.35.10, 13.35.13: Repair of elongated fairing fastener holes at F.S. 706.00			
4) This Major Repair has no impact to the approved Instructions for Continued Airworthiness contained in the Aircraft Maintenance Manual.			
5) Structural substantiation is contained in Service Engineering Analysis Database, Storage Book <u>208</u> , Volume <u>40</u> , Task # <u>5239</u> .			
PURPOSE OF DATA In support of Major Repair for GV-SP, S/N 5024, Cable Penetration and Fuselage Skin at Baggage Door. This FAA approval is provided for a foreign registered aircraft. Acceptance is at the discretion of the Civil Aviation Authority of the State of Registry. The installer must determine compatibility of this data with the aircraft configuration.			
APPLICABLE REQUIREMENTS (List specific sections) 14 CFR 25.601 Amdt.25-0; 25.603(a),(b) Amdt.25-46; 25.605(a) Amdt 25-46; 25.609(a) Amdt.25-0; 25.301(a),(b) Amdt.25-23; 25.303 Amdt.25-23; 25.305(a),(b) Amdt.25-86; 25.307(a) Amdt.25-72; 25.571(a)(b) Amdt. 25-86			
CERTIFICATION - As directed by the Administrator and in accordance with the conditions and limitations of authorization under 14 CFR, data listed above and on attached sheets numbered <u>NONE</u> have been examined in accordance with established procedures and found to comply with applicable requirements of the Airworthiness Standards listed.			
☐ Recommend approval of these data			
I (We) Therefore: ☒ Approve these data			
SIGNATURE(S) OF AUTHORIZED REPRESENTATIVE(S)	NAME	CLASSIFICATION(S)	DATE
 Gulfstream ODA-511131-CE	Sandra W. Dixon	AR-E-1128 Structures	09/14/2012

Gulfstream®

CUSTOM ENGINEERING DRAWING LIST ACFT 5024

SHEET 2 OF 2

TYPE AIRCRAFT Gulfstream GV-SP	SERIAL NO. 5024	DWG NO CE52005024	DEPT. 668
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REV.	ORIGINATOR	DATE	DESCRIPTION
—	G. Nelson	11/11/09	Initial Release
A	G. Nelson	11/19/09	Add Item 06
B	AJ Williams	10/10/11	Added Items 07, 08
C	L. NICHOLS	09/19/12	REVISED ITEM 01. ADDED EO A1 AND NOTE 1.

ITEM NO	DOCUMENT NUMBER	NIECO EO NO	DOC REV	DL REV	DOCUMENT TITLE OR DESCRIPTION	CERT BASIS	WORK ORDER WKT ITEM
01	CE528000033-01	A1	—	C	FLOOR PLAN MOD SN 5024 (NOTE 1)	MAJ	SC290716.13.11
02	CE528200035-01	—	—	—	PLACARD LAYOUT MOD (SIMPLIFIED CHINESE)	MIN	SC184832.7.1.1
03	CE528560029-01	—	—	—	INTERIOR CABIN EMERGENCY LIGHTING MOD	MIN	SC184832.7.1.1
04	CE579065052	—	B	—	EXTERIOR MARKINGS	REF	SC184832.9.2.1
05	1159SB40396-01	—	B	—	QAR ASC INSTL	PADMJ	SC184832.6.16.4
06	CE528560024	—	—	A	LIFE VEST REPLACEMENT-AIR CRUISERS 63600 SERIES	PADMN	SC184832.8.55.1
07	CE528560025-05	—	C	B	FIRE EXTINGUISHER REPLACEMENT	PADMJ	SC255332.13.5
08	CE52856A004	—	—	B	INSTRUCTIONS FOR CONTINUED AIRWORTHINESS FIRE EXTINGUISHER INSTALLATION - GVSP S/N 5024	REF	SC255332.13.5
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NOTES:

1. Fire extinguisher replacement only.



US Department
of Transportation
Federal Aviation
Administration

MAJOR REPAIR AND ALTERATION
(Airframe, Powerplant, Propeller, or Appliance)

Form Approved
OMB No. 2120-0020
11/30/2007

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

1. Aircraft	Nationality and Registration Mark U.S.A. N502SX	Serial No. 5024	
	Make Gulfstream Aerospace	Model GV-SP (G550)	Series
2. Owner	Name (As shown on registration certificate) Falcon Landing, LLC	Address (As shown on registration certificate) Address 1 Rocket Road City Hawthorne State CA Zip 90250 Country USA	

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
☐	☒	AIRFRAME	_____	(As described in Item 1 above)	_____
☐	☐	POWERPLANT	_____	_____	_____
☐	☐	PROPELLER	_____	_____	_____
☐	☐	APPLIANCE	Type	_____	_____
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency	
Name <u>Gulfstream Aerospace</u> Address <u>7440 Aviation Place</u> City <u>Dallas</u> State <u>TX</u> Zip <u>75235</u> Country <u>United States</u>		☐ U.S. Certificated Mechanic	☐ Manufacturer
		☐ Foreign Certificated Mechanic	C. Certificate No.
		☒ Certificated Repair Station	CRS VJ1R560K
		☐ Certificated Maintenance Organization	

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Extended range fuel per 14 CFR Part 43 App. B ☐	Signature/Date of Authorized Individual Kevin Kirkwood September 9, 2021
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7. Approval for Return To Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is ☒ Approved ☐ Rejected

BY	FAA Flt. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
	FAA Designee ☒	Repair Station	Inspection Authorization	Other (Specify)

Certificate or Designation No. CRS VJ1R560K	Signature/Date of Authorized Individual Kevin Kirkwood September 9, 2021
--	---

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

U.S.A. N502SX

Nationality and Registration Mark

September 9, 2021

Date

This FAA Form 337 conforms the foreign registered FAA Form 337 dated: 11-16-2011
GAC Work Order SC255332.

1. Complied with replacement of AFT lavatory portable fire extinguisher in accordance with
Gulfstream Custom Engineering Drawing List No. CE52005024, Rev. B.

Item Removed:

Aft Lavatory Portable Halon Fire Extinguisher P/N 100-9750 Weight: 6.20 lbs. F.S.: 660.00

Manufacture: Flag Fire

Item Installed:

Aft Lavatory Portable Halon Fire Extinguisher P/N C354TS Weight: 5.62 lbs. F.S.: 660.00

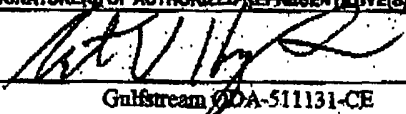
Manufacture: H3R Aviation

- Reference FAA Form 8100-9 dated 10/18/2011 to substantiate Gulfstream Drawing CE52 8560025, Rev. C. (Fire Extinguisher Replacement)
- Reference Gulfstream Document CE52 856A004, Rev. NC., for maintenance requirements instructions for continued Airworthiness.

END

☐ Additional Sheets Are Attached

CEFTO 193648

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION			FAA Project No. FA-06-2011-0014
STATEMENT OF COMPLIANCE WITH AIRWORTHINESS STANDARDS			
AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION			
MAKE Gulfstream	MODEL NO. GV-SP	TYPE (Aircraft, Engine, Propeller, etc.): Aircraft	NAME OF APPLICANT/AUTHORIZATION NO.: Gulfstream Aerospace Corp. ODA-511131-CE
LIST OF DATA			
IDENTIFICATION	TITLE		
CE52005024 Rev. B Dated 10/10/2011	CUSTOM ENGINEERING DRAWING LIST ACFT 5024		
	End Of Data		
NOTES: 1. The Gulfstream Organization Designation Authorization approves these data. This constitutes FAA approval of the major alteration data listed and are not installation data. The Systems and Equipment aspects are not included. Valid only for Gulfstream GV-SP, S/N 5024. 2. This approval is only for the engineering design data and is not installation data. 3. The following ICA applies to this alteration: CE52858A004. 4. Substantiation of strength requirements are documented in stress note SCE528580025 Rev.C - SN 5024. 5. This FAA approval is provided for a foreign-registered aircraft. Acceptance is at the discretion of the civil aviation authority of the State of registry. The installer must determine compatibility of this data with the aircraft configuration.			
PURPOSE OF DATA Support of Major Alteration to Gulfstream, GV-SP, S/N 5024 to approve engineering design data defining structural provisions and interior arrangement for replacement of fire extinguishers.			
APPLICABLE REQUIREMENTS (List specific sections) 14CFR 25.303 (Amdt 25-23); 25.305(a)(b)(Amdt 25-86); 25.307(a)(Amdt 25-72); 25.561(c)(Amdt 25-91); 25.601(no Amdt); 25.603(a)(b)(c) (Amdt 25-46); 25.605(a) (Amdt 25-46) and 25.609(a)(no Amdt.); 25.661(a)(1), (a)(3), (a)(4)(Amdt 25-74). Except as noted, all applicable requirements are to amendment 25-1 through 25-91 as established in TCDS A12EA, Revision 38.			
CERTIFICATION - As directed by the Administrator and in accordance with the conditions and limitations of authorization under 14 CFR, data listed above and on attached sheets numbered <u>N/A</u> have been examined in accordance with established procedures and found to comply with applicable requirements of the Airworthiness Standards listed.			
☐ Recommend approval of these data			
I (We) Therefore: ☒ Approve these data			
SIGNATURE(S) OF AUTHORIZED REPRESENTATIVE(S)	NAME	CLASSIFICATION	DATE
 Gulfstream ODA-511131-CE	Robert V. Hodges	AR-E-1084 Structures	10/18/2011

Gulfstream®

CUSTOM ENGINEERING DRAWING LIST ACFT 5024

SHEET 2 OF 2

TYPE AIRCRAFT	SERIAL NO	DWG NO	CE52005024	DEPT 668
Gulfstream GV-SP	5024			

REV	ORIGINATOR	DATE	DESCRIPTION
—	G. Nelson	11/11/09	Initial Release
A	G. Nelson	11/19/09	Add Item 06
B	Al Williams	10/10/11	Added Items 07, 08

ITEM NO	DOCUMENT NUMBER	NIECO EO NO	DOC REV	DL REV	DOCUMENT TITLE OR DESCRIPTION	CERT BASIS	WORK ORDER WT _ ITEM
01	CE528000033-01	—	—	—	FLOOR PLAN MOD SN 5024	MIN	SC184832.7.1.1
02	CE528200035-01	—	—	—	PLACARD LAYOUT MOD (SIMPLIFIED CHINESE)	MIN	SC184832.7.1.1
03	CE528560029-01	—	—	—	INTERIOR CABIN EMERGENCY LIGHTING MOD	MIN	SC184832.7.1.1
04	CE579065052	—	B	—	EXTERIOR MARKINGS	REF	SC184832.9.2.1
05	1159SB40396-01	—	B	—	QAR ASC INSTL	PADMJ	SC184832.6.16.4
06	CE528560024	—	—	A	LIFE VEST REPLACEMENT-AIR CRUISERS 63600 SERIES	PADMN	SC184832.8.55.1
07	CE528560025-05	—	C	B	FIRE EXTINGUISHER REPLACEMENT	PADMJ	SC255332.13.5
08	CE52856A004	—	—	B	INSTRUCTIONS FOR CONTINUED AIRWORTHINESS FIRE EXTINGUISHER INSTALLATION - GVSP S/N 5024	REF	SC255332.13.5
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NOTES:



US Department
of Transportation
**Federal Aviation
Administration**

MAJOR REPAIR AND ALTERATION
(Airframe, Powerplant, Propeller, or Appliance)

Form Approved
OMB No. 2120-0020
11/30/2007

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

1. Aircraft	Nationality and Registration Mark U.S.A. 502SX	Serial No. 5024	
	Make Gulfstream Aerospace	Model GV-SP (G550)	Series
2. Owner	Name (As shown on registration certificate) Falcon Landing, LLC	Address (As shown on registration certificate) Address 1 Rocket Road City Hawthorne State CA Zip 90250 Country USA	

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
☒	☐	AIRFRAME	_____	(As described in Item 1 above)	_____
☐	☐	POWERPLANT			
☐	☐	PROPELLER			
☐	☐	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency	
Name Gulfstream Aerospace		☐ U.S. Certificated Mechanic	☐ Manufacturer
Address 7440 Aviation Place		☐ Foreign Certificated Mechanic	C. Certificate No.
City Dallas State TX		☒ Certificated Repair Station	CRS VJ1R560K
Zip 75235 Country United States		☐ Certificated Maintenance Organization	

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Extended range fuel
per 14 CFR Part 43
App. B ☐

Signature/Date of Authorized Individual

Kevin Kirkwood September 9, 2021

7. Approval for Return To Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is ☒ Approved ☐ Rejected

BY	FAA Flt. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
	FAA Designee ☒	Repair Station	Inspection Authorization	Other (Specify)
Certificate or Designation No. CRS VJ1R560K		Signature/Date of Authorized Individual Kevin Kirkwood September 9, 2021		

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

U.S.A. N502SX

Nationality and Registration Mark

September 9, 2021

Date

**This FAA Form 337 conforms the foreign registered FAA Form 337 dated: 11-16-2011
GAC Work Order SC255332.**

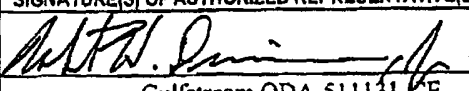
1. Complied with right wheel well elevator cable and gust lock cable feedthru' s rework in accordance with Gulfstream Top Drawing SE50005024, Rev. C.

• Reference FAA Form 8100-9 dated 10/20/2011 to substantiate Gulfstream Top Drawing No. SE55227100, Rev. NC. (Rework-Cable penetration, Flight Control).

END

☐ Additional Sheets Are Attached

CERTD193876

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION STATEMENT OF COMPLIANCE WITH AIRWORTHINESS STANDARDS			FAA Project No. TR-07-2011-0015	
AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION				
MAKE: Gulfstream	MODEL NO.: GV-SP	TYPE (Aircraft, Engine, Propeller, etc.): Aircraft	NAME OF APPLICANT/AUTHORIZATION NO.: Gulfstream Aerospace Corporation ODA-511131-CE	
LIST OF DATA				
IDENTIFICATION	TITLE			
SE50005024 REV. C Dated: 10/20/11	TOP DRAWING - REPAIR/MODIFICATION, GV-SP S/N 5024			
----- End of Data -----				
Notes: 1) The Gulfstream Organization Designation Authorization approves these data. The Structural aspects only of the above listed data are approved herein. 2) This approval is only for the Engineering design data and is not installation data. 3) This FAA approval is provided for the following repairs to GV-SP, Serial No 5024 only: SE55227100-10 REWORK-CABLE PENETRATION, FLIGHT CONTROL 4) This Major Repair has no impact to the approved Instructions for Continued Airworthiness contained in the Aircraft Maintenance Manual. 5) This FAA approval is provided for a foreign registered aircraft. Acceptance is at the discretion of the Civil Aviation Authority of the State of Registry. The installer must determine compatibility of this data with the aircraft configuration. 6) Structural substantiation is contained in Service Engineering Analysis Database, Storage Book 208, Volume 21, Task #2568.				
PURPOSE OF DATA				
In support of Major Repair for GV-SP, S/N 5024.				
APPLICABLE REQUIREMENTS (List specific sections)				
14 CFR 25.601 Amdt.25-0; 25.603(a),(b) Amdt.25-46; 25.605(a) Amdt 25-46; 25.609(a) Amdt.25-0; 25.301(a),(b) Amdt.25-23; 25.303 Amdt.25-23; 25.305(a),(b) Amdt.25-86; 25.307(a) Amdt.25-72; as established within TCDS A12EA, Revision 38				
CERTIFICATION - As directed by the Administrator and in accordance with the conditions and limitations of authorization under 14 CFR, data listed above and on attached sheets numbered <u>NONE</u> have been examined in accordance with established procedures and found to comply with applicable requirements of the Airworthiness Standards listed.				
☐ Recommend approval of these data				
I (We) Therefore: ☒ Approve these data				
SIGNATURE(S) OF AUTHORIZED REPRESENTATIVE(S)	NAME	CLASSIFICATION(S)	DATE	
 Gulfstream ODA-511131-CE	Robert H. Drinnon, Jr.	AR-E-1018 Structural	10/20/2011	

Section I

This drawing defines and authorizes specific repair/modification drawing(s) for the serial numbered aircraft below. This drawing will be revised if/when additional repair and/or modification drawings are required.

[illegible]

Gulfstream®

TOP DRAWING -
REPAIR/MODIFICATION,
GV-SP S/N 5024

DWG NO.

SE50005024

REV.:

C

SHEET 2 OF 4

Section II

This section identifies Gulfstream type-design data for which the 8110-3 form is not available for Q.C. Dept to support aircraft departure. Q.C and shop personnel have verified the drawing effectivity is appropriate for use on the aircraft serial number identified in this drawing's title.

This section also defines and authorizes supplier/vendor type-design data that is approved for use during rework of the aircraft serial number identified in this drawing's title.

This section will be revised if/when additional type –design data is required to support rework of this aircraft.

[illegible]

Gulfstream®	
TOP DRAWING - REPAIR/MODIFICATION, GV-SP S/N 5024	
<u>DWG NO.</u> SE50005024	REV.: C
	SHEET 3 OF 4



US Department
of Transportation
Federal Aviation
Administration

MAJOR REPAIR AND ALTERATION
(Airframe, Powerplant, Propeller, or Appliance)

Form Approved
OMB No. 2120-0020
11/30/2007

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

1. Aircraft	Nationality and Registration Mark U.S.A. 502SX	Serial No. 5024	
	Make Gulfstream Aerospace	Model GV-SP (G550)	Series
2. Owner	Name (As shown on registration certificate) Falcon Landing, LLC	Address (As shown on registration certificate) Address 1 Rocket Road City Hawthorne State CA Zip 90250 Country USA	

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
☐	☒	AIRFRAME	_____	(As described in Item 1 above)	_____
☐	☐	POWERPLANT	_____	_____	_____
☐	☐	PROPELLER	_____	_____	_____
☐	☐	APPLIANCE	Type	_____	_____
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency	
Name Gulfstream Aerospace		☐ U.S. Certificated Mechanic	☐ Manufacturer
Address 7440 Aviation Place		☐ Foreign Certificated Mechanic	C. Certificate No.
City Dallas State TX		☒ Certificated Repair Station	CRS VJ1R560K
Zip 75235 Country United States		☐ Certificated Maintenance Organization	

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Extended range fuel per 14 CFR Part 43 App. B ☐	Signature/Date of Authorized Individual Kevin Kirkwood September 9, 2021
--	---

7. Approval for Return To Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is ☒ Approved ☐ Rejected

BY	FAA Flt. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
	FAA Designee ☒	Repair Station	Inspection Authorization	Other (Specify)

Certificate or Designation No. CRS VJ1R560K	Signature/Date of Authorized Individual Kevin Kirkwood September 9, 2021
--	---

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

U.S.A. N502SX

Nationality and Registration Mark

September 9, 2021

Date

This FAA Form 337 conforms the foreign registered FAA Form 337 dated: 12-12-2009
GAC Work Order SC184832.

1. Complied with installation of Avionica Mini QAR in accordance with Gulfstream Custom Engineering Drawing List No. CE52005024, Rev. NC-A. (No 8110-3 issued for Rev. A Minor) (Mechanical) (Major).

Item Installed:

Mini-QAR P/N 804-0105 Weight: 0.35 lbs. F.S: 171.00

- Reference FAA Form 8110-3 dated 11/29/2007 to substantiate QAR ASC Installation Right EER.

2. Applied China exterior aircraft markings in accordance wjth Gulfstream Custom Engineering Drawing List No. CE52005024 Rev. NC-A. (No. 8110-3 Issued for Rev. A Minor) (Mechanical) (Major).

- Reference FAA Form 8110-3 dated 11/11/2009 to substantiate exterior markings.

3. The installed equipment is required to be operational unless specifically listed on the MEL for the aircraft.

4. Updated the Equipment List section of the Weight and Balance Manual.

5. The weight and balance change to the aircraft is negligible.

END

☐ Additional Sheets Are Attached

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

U.S.A. N502SX

Nationality and Registration Mark

September 9, 2021

Date

This FAA Form 337 conforms the foreign registered FAA Form 337 dated: 12-12-2009
GAC Work Order SC184832.

1. Complied with installation of Avionics Mini QAR in accordance with Gulfstream Custom Engineering Drawing List No. CE52005024, Rev. NC-A. (No 8110-3 issued for Rev. A Minor) (Mechanical) (Major).

Item Installed:

Mini-QAR P/N 804-0105 Weight: 0.35 lbs. F.S: 171.00

- Reference FAA Form 8110-3 dated 11/29/2007 to substantiate QAR ASC Installation Right EER.

2. Applied China exterior aircraft markings in accordance with Gulfstream Custom Engineering Drawing List No. CE52005024 Rev. NC-A. (No. 8110-3 Issued for Rev. A Minor) (Mechanical) (Major).

- Reference FAA Form 8110-3 dated 11/11/2009 to substantiate exterior markings.

3. The installed equipment is required to be operational unless specifically listed on the MEL for the aircraft.

4. Updated the Equipment List section of the Weight and Balance Manual.

5. The weight and balance change to the aircraft is negligible.

END

☐ Additional Sheets Are Attached

Section III

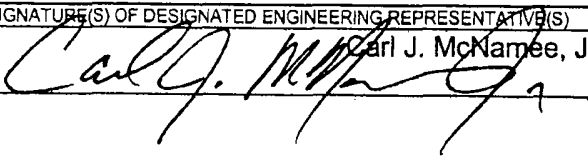
This section defines and authorizes specific deviations encountered on aircraft serial number identified in this drawing's title. These are deviations noted while this aircraft was undergoing service repair or modification at Gulfstream Savannah Service Center.

This section also addresses structural discrepancies on aircraft which are not covered by existing repair drawings, Structural repair manual or other FAA approved sources.

Gulfstream Service Engineering has reviewed the discrepancies listed below for the aircraft serial number identified in this drawing's title. All items listed below have been reviewed and are deemed airworthy for continued normal operations.

Gulfstream®	
TOP DRAWING - REPAIR/MODIFICATION, GV-SP S/N 5024	
DWG NO. SE50005024	REV.: C
SHEET 4 OF 4	

CERT0151861

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION STATEMENT OF COMPLIANCE WITH THE FEDERAL AVIATION REGULATIONS			DATE November 11, 2009
AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION			
MAKE Gulfstream	MODEL NO. GV-SP	TYPE (Airplane, Radio, Helicopter, etc.) Airplane	NAME OF APPLICANT Gulfstream Aerospace Corp.
LIST OF DATA			
IDENTIFICATION		TITLE	
CE52005024 Rev. - Dated 11/11/09		CUSTOM ENGINEERING DRAWING LIST ACFT 5024	
		_____end of data_____	
NOTES: 1. This approval is valid for Gulfstream S/N 5024 only. 2. This approval is for the above revision level only. 3. This approval is for engineering design data only and is not an installation approval. 4. All drawings added to this list at the noted revision level have separate approval(s) for their specific applicable structural requirements or are minor. This approval confirms data to be structurally applicable to the noted S/N. 5. In support of export to China.			
PURPOSE OF DATA: Major Alteration. Approve engineering design data defining structural provisions for equipment installation.			
APPLICABLE REQUIREMENTS : 14CFR 25.601			
CERTIFICATION - Under authority vested by direction of the Administrator and in accordance with conditions and limitations of appointment under Part 183 of the Federal Aviation Regulations, data listed above and on attached sheets numbered <u>none</u> have been examined in accordance with established procedures and found to comply with applicable requirements of the Federal Aviation Regulations. ☐ Recommend approval of these data I (We) Therefore ☒ Approve these data			
SIGNATURE(S) OF DESIGNATED ENGINEERING REPRESENTATIVE(S) 		DESIGNATION NUMBER(S) DERT-510243-CE	CLASSIFICATION(S) Structures

REV LTR	NEW	A	B	C	D	E
DRAWN	G. NELSON	G. NELSON				
LAYOUT	G. NELSON	<i>G. Nelson 11/19/09</i>				
CHECK	<i>See Nelson 11/11/09</i>	<i>G. Nelson 11/11/09</i>				
LEAD						
STRESS						
AV/ELEC						
PROJ ENG	<i>Chris L. Nelson 11/11/09</i>	<i>G. Nelson 11/11/09</i>				
REV LTR	F	G	H	J	K	L
DRAWN						
LAYOUT						
CHECK						
LEAD						
STRESS						
AV/ELEC						
PROJ ENG						

PROPRIETARY NOTICE

THIS DATA AND INFORMATION DISCLOSED HEREIN IS PROPRIETARY DATA OF GULFSTREAM AEROSPACE CORPORATION. NEITHER THIS DATA NOR THE DATA CONTAINED HEREIN SHALL BE REPRODUCED, USED OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN AUTHORIZATION OF GULFSTREAM AEROSPACE CORP

Gulfstream®

CUSTOM ENGINEERING DRAWING
LIST ACFT 5024

MODEL: GV-SP S/N: 5024

CODE IDENT. NO. SIZE DWG NO REV
59734 A CE52005024 A

SHEET 1 OF 2



Gulfstream™

September 9, 2021

Federal Aviation Administration
Aircraft Registration Branch
P.O. Box 25504 AFS-750
Oklahoma City, Ok 73125

Gulfstream Aerospace Corp
7440 Aviation Place
Dallas, TX 75209

Dear Sirs,

You will find enclosed 5 each FAA 337 Forms and associated documents. Please add them to the file for aircraft make: Gulfstream, Model: GV-SP (G550), S/N 5024; **Current Registration Number: N502SX.**

Best Regards,

Rich Zadina
Sr. Airworthiness Inspector
Ph. 214-902-7692
FAA CRS VJ1R560K
Gulfstream Aerospace Corp.
7440 Aviation Place.
Dallas, TX 75235

UNITED STATES OF AMERICA DEPARTMENT OF TRANSPORTATION-FEDERAL AVIATION ADMINISTRATION STANDARD AIRWORTHINESS CERTIFICATE			
1 NATIONALITY AND REGISTRATION MARKS N502SX	2 MANUFACTURER AND MODEL GULFSTREAM AEROSPACE GV-SP (G550)	3 AIRCRAFT SERIAL NUMBER 5024	4 CATEGORY Transport
5 AUTHORITY AND BASIS FOR ISSUANCE This airworthiness certificate is issued pursuant to 49 U.S.C. § 44704 and certifies that, as of the date of issuance, this aircraft has been inspected and found to conform to its type certificate and be in condition for safe operation. This aircraft meets the requirements of the applicable airworthiness standards in Annex 8 to the Convention on International Civil Aviation, except as follows: None			
6 TERMS AND CONDITIONS Unless sooner surrendered, suspended, revoked, or a termination date is otherwise established by the FAA, this airworthiness certificate is effective as long as maintenance, preventative maintenance, and alterations are performed per the applicable Federal Aviation Regulations and the aircraft is registered in the United States.			
DATE OF ISSUANCE 10/Sep/2021	FAA REPRESENTATIVE //Signed by//Joseph R. Hofmann,06:11 PM, September 10, 2021		DESIGNATION NUMBER [REDACTED]
Any alteration, misuse, or reproduction of this certificate for a fraudulent purpose may be punishable by certificate revocation, fine, and / or imprisonment. THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT PER THE APPLICABLE FEDERAL AVIATION REGULATIONS.			
FAA Form 8100-2 (9-2019) Previous Edition May be Used Until Depleted			

 ESTADOS UNIDOS MEXICANOS SECRETARIA DE COMUNICACIONES Y TRANSPORTES AGENCIA FEDERAL DE AVIACION CIVIL CERTIFICADO DE AERONAVEGABILIDAD ESTANDAR NUM. 20201113 STANDARD CERTIFICATE OF AIRWORTHINESS, NUM.			
1. MARCAS DE NACIONALIDAD Y MATRICULA / NATIONALITY AND REGISTRATION MARKS	2. FABRICANTE Y MODELO / MANUFACTURER AND MODEL	3. NUMERO DE SERIE / SERIAL NUMBER	
XA GCH	GRUMMAN G550	5024	
4. CATEGORIA / CATEGORY TRANSPORTE			
5. EL PRESENTE CERTIFICADO DE AERONAVEGABILIDAD SE OTORGA DE ACUERDO CON LA LEY DE AVIACION CIVIL Y SU REGLAMENTO DE CONFORMIDAD CON EL CONVENIO SOBRE AVIACION CIVIL INTERNACIONAL DE FECHA 07 DE DICIEMBRE DE 1944 Y CON EL CODIGO DE AERONAVEGABILIDAD DE MEXICO PARA LA AERONAVE ANTES MENCIONADA, CUYA SE CONSIDERARA QUE REUNE LAS CONDICIONES DE AERONAVEGABILIDAD MIENTRAS SE MANTENGA Y UTILICE DE ACUERDO CON LO QUE ANTES POR VEA LAS LIMITACIONES DE UTILIZACION RESPECTIVAS. THIS AIRWORTHINESS CERTIFICATE IS ISSUED IN ACCORDANCE WITH THE INTERNATIONAL CIVIL AVIATION AGREEMENT DATED ON DECEMBER 07TH 1944 AND THE MEXICAN AIRWORTHINESS CODE FOR THE AIRCRAFT MENTIONED ABOVE WHICH WILL BE CONSIDERED IN AIRWORTHINESS CONDITIONS AS LONG AS IT IS MAINTAINED AND USED IN ACCORDANCE WITH THE STATE ABOVE AND THE RESPECTIVE USAGE LIMITATIONS.			
FECHA DE EXPEDICION / ISSUE DATE	28/AGOSTO/2020 JUAN CHAVEZ GONZALEZ INSPECTOR CERTIFICADO / INSPECTOR		
FECHA DE VENCIMIENTO / EXPIRATION DATE	26/AGOSTO/2022 SERGIO XAVIER RUIZ PEREZ COMANDANTE DE AEROPUERTO / MAJOR AIRPORT		
6. OBSERVACIONES / REMARKS			
ESTE CERTIFICADO DEBERA SER COLOCADO EN UN LUGAR VISIBLE EN LA AERONAVE / DISPLAY THIS CERTIFICATE IN A VISIBLE PLACE FORMAAAC-05			



CUM
SCT
REG. DE INSP. AERONAVES
D.G.A.C.

PLANEADOR / AIRFRAME		
POSEEDOR / HOLDER COMERCIAL AEREA SA DE CV		
DOMICILIO / ADDRESS AVE. ZARCO # 2401 COLONIA ZARCO C.P. 31020 CHIHUAHUA, CHIH		
BASE DE OPERACIONES / OPS. BASE CHIHUAHUA CHIH.	TRIPULACION DE VUELO / FLIGHT CREW DOS	NO. DE PASAJEROS / NUM OF PAX DIECIOCHO
SERVICIO DESTINADO / SERVICE PUBLICO PASAJEROS	PESO TOTAL AL DESPEQUE / MAX TAKE OFF WEIGHT 41,050 Kg	
MOTORES / ENGINES		
FABRICANTE / MANUFACTURER ROLLS ROYCE	MODELO / MODEL BR700-710C4-11	EMPUJE O POTENCIA / THRUST OR POWER 4,450 lb
HELICES O ROTORES PRINCIPALES / PROPELLERS OR MAIN ROTORS		
FABRICANTE / MANUFACTURER	MODELO DEL NUCLEO / HUB MODEL	MODELO DE LAS PALAS / BLADES MODEL
ROTOR DE COLA / TAIL ROTOR		
FABRICANTE / MANUFACTURER	MODELO DEL NUCLEO / HUB MODEL	MODELO DE LAS PALAS / BLADES MODEL
OPERACIONES AUTORIZADAS PARA REALIZAR OPERACIONES TIPO / KIND OF OPERATIONS AUTHORIZED		
OPERACIONES VISUALES NOCTURNAS / VISUAL NIGHT OPERATIONS		
SI	☐	NO ☒
OPERACIONES POR INSTRUMENTOS IFR / IFR OPERATIONS		
SI	☒	NO ☐
ESPECIFICACIONES DADAS AL NIVEL DEL MAR Y ATMOSFERA TIPO / SEA LEVEL SPECIFICATIONS AND STANDARD ATMOSPHERE UNICAMENTE PILOTOS CON LICENCIA MEXICANA PODRAN VOLAR ESTA AERONAVE / MEXICAN LICENSE PILOTS FLIGHT ONLY CUALQUIER ALTERACION, REPRODUCCION O MAL USO QUE SE HAGA CON ESTE CERTIFICADO, SE SANCIONARA CONFORME A DERECHO ANY ALTERATION, REPRODUCTION OR INCORRECT USAGE OF THIS CERTIFICATE WILL BE PROCEEDS ACCORDING TO THE LAW ESTE CERTIFICADO DEBERA SER COLOCADO EN UN LUGAR VISIBLE EN LA AERONAVE / DISPLAY THIS CERTIFICATE IN A VISIBLE PLACE		

UNITED STATES OF AMERICA DEPARTMENT OF TRANSPORTATION-FEDERAL AVIATION ADMINISTRATION STANDARD AIRWORTHINESS CERTIFICATE			
1. NATIONALITY AND REGISTRATION MARKS N502SX	2. MANUFACTURER AND MODEL Gulfstream Aerospace Corp GV-59	3. AIRCRAFT SERIAL NUMBER 5024	4. CATEGORY Transport
5. AUTHORITY AND BASIS FOR ISSUANCE This airworthiness certificate is issued pursuant to 14 U.S.C. § 1361 and 49 U.S.C. § 1062. This aircraft has been inspected and found to conform to its type certificate and be in condition for safe operation. The aircraft also conforms to applicable airworthiness standards in Annex 8 to the Convention on International Civil Aviation, except as noted.			
None.			
6. TERMS AND CONDITIONS Unless sooner surrendered, suspended, or revoked, this certificate is effective as long as maintenance, inspection, and repair are performed in accordance with the applicable Federal Aviation Regulations and the aircraft is registered in the United States.			
DATE OF ISSUANCE 10 Sep 2021	FAA REPRESENTATIVE J. B. Hoffman		
Any alteration, misuse, or reproduction of this certificate for a fraudulent purpose is prohibited by regulation and is punishable by suspension and / or imprisonment.			
THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT PER THE APPLICABLE FEDERAL AVIATION REGULATIONS.			
FAA Form 8100-2 (11-2018) Previous Edition Dated 04-11 May be Used Until Depleted			

Conformity Inspection Record						1. Project Number, TIA/Request Date: Standard Airworthiness SN 5024 ex XA-GCH N502SX		2. SHEET of Sheets 1 of 2	
3. Applicant/Manufacturer: Falcon Landing LLC / Gulfstream Aerospace Corp.						4. Beginning Date: 02 Aug 2021		5. Ending Date: 10 Sep 2021	
6. Model: GV-SP (550) TT: 8,232.5 TC:3,038						7. Inspected By: JR Hofmann		DMS: 2021-0136 AWC:09082021-403	
8. Item No.	9. Nomenclature of Item Inspected	10. Drawing, Document, Specification, etc.	11. Revision and Date	12. No. of Items Determined SAT. UNSAT.		13. Comments			
1	application FAA Form 8130-6		6/20 9/10/2021	X		8130.2J, Ch 2, 2-2 (b), 4-2			
2	Review EDRS / Registry	Fly Wire N502SZ	9/8/2021	X		8130.2J, Ch 2, 2-3 (b)(1)			
3	Check for prior denials (SEIT)	None. ok	9/9/2021	X		8130.2J, Ch 2, 2-3 (b)(2)			
4	Agent Letter	NA	NA	X		8130.2J, Ch 2, 2-3 (a)(2)			
5	Conformity to TC Airframe	A12EA Rev 51 Note 8	Rev 51 5/27/2020	X		8130.2J, Ch 2, 2-3 (a)(3) 8130.2J, Ch 2, 2-3 (b)(1)			
6	Conformity to TC Powerplant	E00057EN Rev 11	Rev 11.1 3/20/2019	X		8130.2J, Ch 2, 2-3 (a)(3) 8130.2J, Ch 2, 2-3 (b)(1)			
7	A.D. Airframe	thru AD 2017-20-08 8-16	9/3/2021	X		8130.2J Ch 2, 2-5 (3)			
8	A.D. Powerplant	thru AD 2021-12-07 8-16	9/3/2021	X		8130.2J Ch 2, 2-5 (4)			
9	A.D. Appliance (File) (APU)	thru Biweekly 2021-18	9/3/2021	X		8130.2J Ch 2, 2-5 (3)			
10	AFM & supplement(s)	GAC-AC-G550-Ops	9/3/2021	X		8130.2J Ch 2, 2-3 (c)(5)			
11	Bilateral Agreement	Mexico IPA	Jul 21, 2009	X		copies of certificate			
12	Inspection program	MYCMP Gulfstream	8/4/2021	X		8130.2J Ch 3, 3-6 (a)			
13	Equipment	see attached	9/3/2021	X		8130.2J, Ch 2, 2-6 (6)			
14	Airframe data plate & photo	highly polished but readable	8/4/2021	X		8130.2J Ch 2, 2-5 (2)(b) AC 45-2			
15	Powerplant(s) data plate & photo	see photos	8/4/2021	X		8130.2J Ch 2, 2-5 (2)(b)			
16	restrap ELT required?	restrapped	10 Sep 2021	X		Battery date 31 Jul 2023			
17	Systems for proper operation	ops ck'd ok	9 Jul 2021	X		8130.2J Ch 2, 2-6 (5)			
18	Instruments and Placards	all in place per AFM & supps	9/3/2021	X		8130.2J Ch 2, 2-6 (7)			

Conformity Inspection Record

1. Project Number: TIA/Request Date:
Standard SN 5024 ex XA-GCH N502SX

2. SHEET of Sheets
2 of 2

3. Applicant/Manufacturer:
Falcon Landing LLC / Gulfstream Aerospace Corp

4. Beginning Date:
02 Aug 2021

5. Ending Date:
10 Sep 2021

6. Model:
GV-SP (550) TT: 8.232.5 TC: 3.038

7. Inspected By:
JR Hofmann

DMS: 2021-0136 AWC: 09082021-0403

8. Item No.	9. Nomenclature of Item Inspected	10. Drawing, Document, Specification, etc.	11. Revision and Date	12. No. of Items Determined		13. Comments
				SAT.	UNSAT.	
19	Airworthiness Limitations	Per MYCAMP	03 Aug 2021	X		
20	Exterior markings	Painted on both sides	03 Sep 2021	X		FAR 45 AC 45-2E
21	Foreign Objects	final walk thru ok see photos	10 Sep 2021	X		8130.2J, Ch 2, 2-6 (8)
22	Maintenance records	MYCAMP & disk	03 Sep 2021	X		8130.2J, Ch 3, 3-6 (a)
23	Weight & Balance (verify config)	W&B manual / limits verified	18 Feb 2021	X		8130.2J Ch 2, 2-3 (c)(4)
24	ELT	CW batt due 7/22	22 Jul 2021	X		FAR 91.207 next due: 7/2022
25	Altimeters	CW	13 Mar 2021	X		FAR 91.411 next due 3/2023
26	Transponder (ADS-B)	CW	13 Mar 2021	X		FAR 91.413 next due 3/2023
27	STC's / Letter / ICA's	see attached (7)	29 Aug 2021	X		STC letter items only
28	Emergency Equipment & Exits	all present per equip list	03 Sep 2021	X		8130.2J Ch 3, 3-2 (b)
29	FDR 31 Oct 28 / CVR 31 Jan 25	all ok	10 Sep 2021	X		FAR 91.609 (c)(1)
30	any exemption to ICAO Annex 8 ?	AIR600-21-631-GM06 ok	05/19/2021	X		
31						
32	RTS	see W/O SC57691	10 Sep 2021	X		
33	Issue signed certificate	8100-2	10 Sep 2021	X		8130.2J, Ch 2, 2-6 (g)(2)
34	Sign log book entry		10 Sep 2021	X		8130.2J Ch 2, 2-6 (g)(3)
35	Close DMS / AWC					
36	review, copy & route file to MS					

FAA FORM 8130-6, APPLICATION FOR U.S. AIRWORTHINESS CERTIFICATE

Form Approved OMB No. 2120-0018
Expires: January 31, 2021

U.S. Department of Transportation Federal Aviation Administration		APPLICATION FOR U.S. AIRWORTHINESS CERTIFICATE		INSTRUCTIONS - Print or type. Do not write in shaded areas; these are for FAA use only. Submit original only to an authorized FAA Representative. If additional space is required, use attachment. For special flight permits complete Sections II, VI, and VII as applicable.																																																																																																																																												
I. AIRCRAFT DESCRIPTION	1. REGISTRATION MARK	2. AIRCRAFT BUILDER'S NAME (Make)	3. AIRCRAFT MODEL DESIGNATION	4. YR. MFR	FAA CODING																																																																																																																																											
	N502SX	Gulfstream Aerospace Corp.	GV-SP	2003																																																																																																																																												
	5. AIRCRAFT SERIAL NO.	6. ENGINE BUILDER'S NAME (Make)	7. ENGINE MODEL DESIGNATION																																																																																																																																													
	5024	Rolls-Royce Deutschland Ltd & Co KG	BR700-710C4-11																																																																																																																																													
II. CERTIFICATION REQUESTED	8. NUMBER OF ENGINES	9. PROPELLER BUILDER'S NAME (Make)	10. PROPELLER MODEL DESIGNATION	11. AIRCRAFT IS (Check if applicable)																																																																																																																																												
	2	NA	NA	IMPORT																																																																																																																																												
	APPLICATION IS HEREBY MADE FOR (Check applicable items)																																																																																																																																															
	<table border="1"> <tr> <td>A</td> <td>1</td> <td>☒ STANDARD AIRWORTHINESS CERTIFICATE (Indicate category)</td> <td>NORMAL</td> <td>UTILITY</td> <td>ACROBATIC</td> <td>☒ TRANSPORT</td> <td>COMMUTER</td> <td>BALLOON</td> <td>OTHER</td> </tr> <tr> <td>B</td> <td colspan="9">SPECIAL AIRWORTHINESS CERTIFICATE (Check appropriate items)</td> </tr> <tr> <td></td> <td>7</td> <td>PRIMARY</td> <td colspan="7"></td> </tr> <tr> <td></td> <td>9</td> <td>LIGHT-SPORT (Indicate class)</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> <td>7</td> </tr> <tr> <td></td> <td></td> <td></td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> <td>7</td> </tr> <tr> <td></td> <td>2</td> <td>LIMITED</td> <td colspan="7"></td> </tr> <tr> <td></td> <td>5</td> <td>PROVISIONAL (Indicate class)</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> <td>7</td> </tr> <tr> <td></td> <td></td> <td></td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> <td>7</td> </tr> <tr> <td></td> <td>3</td> <td>RESTRICTED (Indicate operation(s) to be conducted)</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> <td>7</td> </tr> <tr> <td></td> <td></td> <td></td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> <td>7</td> </tr> <tr> <td></td> <td>4</td> <td>EXPERIMENTAL (Indicate operation(s) to be conducted)</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> <td>7</td> </tr> <tr> <td></td> <td></td> <td></td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> <td>7</td> </tr> <tr> <td></td> <td>9</td> <td>SPECIAL FLIGHT PERMIT (Indicate operation to be conducted, then complete Section VI or VII as applicable on reverse side)</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> <td>7</td> </tr> <tr> <td></td> <td></td> <td></td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> <td>7</td> </tr> </table>					A	1	☒ STANDARD AIRWORTHINESS CERTIFICATE (Indicate category)	NORMAL	UTILITY	ACROBATIC	☒ TRANSPORT	COMMUTER	BALLOON	OTHER	B	SPECIAL AIRWORTHINESS CERTIFICATE (Check appropriate items)										7	PRIMARY									9	LIGHT-SPORT (Indicate class)	1	2	3	4	5	6	7				1	2	3	4	5	6	7		2	LIMITED									5	PROVISIONAL (Indicate class)	1	2	3	4	5	6	7				1	2	3	4	5	6	7		3	RESTRICTED (Indicate operation(s) to be conducted)	1	2	3	4	5	6	7				1	2	3	4	5	6	7		4	EXPERIMENTAL (Indicate operation(s) to be conducted)	1	2	3	4	5	6	7				1	2	3	4	5	6	7		9	SPECIAL FLIGHT PERMIT (Indicate operation to be conducted, then complete Section VI or VII as applicable on reverse side)	1	2	3	4	5	6	7				1	2	3	4	5	6
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III. OWNER'S CERTIFICATION	C	6	MULTIPLE AIRWORTHINESS CERTIFICATE (Check ABOVE "Restricted Operation" and "Standard" or "Limited" as applicable)																																																																																																																																													
	A	REGISTERED OWNER (As shown on certificate of aircraft registration)		IF DEALER, CHECK HERE																																																																																																																																												
	NAME Falcon Landing LLC		ADDRESS 1 Rocket Road Hawthorne, California 90250-6944																																																																																																																																													
	B. AIRCRAFT CERTIFICATION BASIS (Check applicable blocks and complete items as indicated)																																																																																																																																															
IV. INSPECTION AGENCY VERIFICATION	☒	AIRCRAFT SPECIFICATION OR TYPE CERTIFICATE DATA SHEET (Give No. and Revision No.)	☒	AIRWORTHINESS DIRECTIVES (Check if all applicable ADs are complied with and give the number of the last AD SUPPLEMENT available in the biweekly series as of the date of application)																																																																																																																																												
		A12EA Rev 51		2021-18																																																																																																																																												
	☒	AIRCRAFT LISTING (Give page number(s))	☒	SUPPLEMENTAL TYPE CERTIFICATE (List number of each STC incorporated)																																																																																																																																												
				ST01374LA-D, ST01375LA-D, ST02698AT-D, ST02697AT-D, ST01375LA-D, ST01375LA-D, ST01375LA-D																																																																																																																																												
V. FAA REPRESENTATIVE CERTIFICATION	C. AIRCRAFT OPERATION AND MAINTENANCE RECORDS																																																																																																																																															
	☒	CHECK IF RECORDS IN COMPLIANCE WITH 14 CFR section 91.417	TOTAL AIRFRAME HOURS	EXPERIMENTAL ONLY (Enter hours flown since last certificate issued or renewed)																																																																																																																																												
			8,232:5	3																																																																																																																																												
	D. CERTIFICATION - I hereby certify that I am the registered owner (or his agent) of the aircraft described above, that the aircraft is registered with the Federal Aviation Administration in accordance with Title 49 of the United States Code 44101 et seq. and applicable Federal Aviation Regulations, and that the aircraft has been inspected and is airworthy and eligible for the airworthiness certificate requested																																																																																																																																															
VI. INSPECTION AGENCY VERIFICATION	DATE OF APPLICATION		NAME AND TITLE (Print or type)		SIGNATURE																																																																																																																																											
	09/10/2021		Gary Perez Director of Maintenance																																																																																																																																													
	A. THE AIRCRAFT DESCRIBED ABOVE HAS BEEN INSPECTED AND FOUND AIRWORTHY BY: (Complete the section only if 14 CFR part 21.183(d) applies)																																																																																																																																															
	2	14 CFR part 121 CERTIFICATE HOLDER (Give Certificate No.)	3	CERTIFICATED MECHANIC (Give Certificate No.)	6	CERTIFICATED REPAIR STATION (Give Certificate No.)																																																																																																																																										
VII. FAA REPRESENTATIVE CERTIFICATION	5	AIRCRAFT MANUFACTURER (Give name or firm)																																																																																																																																														
	DATE		TITLE		SIGNATURE																																																																																																																																											
	10 SEP 2021		SR. RTE INSPECTOR																																																																																																																																													
	(Check ALL applicable block items A and B)																																																																																																																																															
VIII. FAA REPRESENTATIVE CERTIFICATION	A. I find that the aircraft described in Section I or VII meets requirements for		THE CERTIFICATE REQUESTED																																																																																																																																													
	4		AMENDMENT OR MODIFICATION OF CURRENT AIRWORTHINESS CERTIFICATE																																																																																																																																													
	B. Inspection for a special flight permit under Section VII was conducted by:		FAA INSPECTOR																																																																																																																																													
	DATE		MIDW/PSDO OFFICE		FAA DESIGNEE																																																																																																																																											
09/10/2021		No. Texas PSDO		14 CFR part 65	14 CFR part 121 OR 135																																																																																																																																											
FAA INSPECTOR'S SIGNATURE AND NO.		FAA INSPECTOR'S CERTIFICATION FILE REVIEW SIGNATURE		14 CFR part 145																																																																																																																																												
J.R. Hofmann		EARL A BAUMGARD		1																																																																																																																																												
Digitally signed by EARL A BAUMGARD		Date: 2021.09.13 06:54:15 -05'00'																																																																																																																																														

VI. PRODUCTION FLIGHT TESTING	A. MANUFACTURER			
	NAME		ADDRESS	
	B. PRODUCTION BASIS (Check applicable item)			
	☐ PRODUCTION CERTIFICATE (Give production certificate number)			
	☐ TYPE CERTIFICATE			
	☐ OTHER:			
	C. GIVE QUANTITY OF CERTIFICATES REQUIRED FOR OPERATING NEEDS			
	DATE OF APPLICATION		NAME AND TITLE (Print or type)	
			SIGNATURE	
	VII. SPECIAL FLIGHT PERMIT PURPOSES OTHER THAN PRODUCTION FLIGHT TEST	A. DESCRIPTION OF AIRCRAFT		
REGISTERED OWNER		ADDRESS		
BUILDER (Make)		MODEL		
SERIAL NUMBER		REGISTRATION MARK		
B. DESCRIPTION OF FLIGHT		CUSTOMER DEMONSTRATION FLIGHTS ☐ (Check if applicable)		
FROM		TO		
VIA		DEPARTURE DATE		
		DURATION		
C. CREW REQUIRED TO OPERATE THE AIRCRAFT AND ITS EQUIPMENT				
☐ PILOT		☐ CO-PILOT		
☐ FLIGHT ENGINEER		☐ OTHER (Specify)		
D. THE AIRCRAFT DOES NOT MEET THE APPLICABLE AIRWORTHINESS REQUIREMENTS AS FOLLOWS:				
E. THE FOLLOWING RESTRICTIONS ARE CONSIDERED NECESSARY FOR SAFE OPERATION: (Use attachment if necessary)				
F. CERTIFICATION - I hereby certify that I am the registered owner (or his agent) of the aircraft described above; that the aircraft is registered with the Federal Aviation Administration in accordance with Title 49 of the United States Code 44101 <u>et seq.</u> and applicable Federal Aviation Regulations; and that the aircraft has been inspected and is safe for the flight described.				
DATE		NAME AND TITLE (Print or type)		
		SIGNATURE		
VIII. AIRWORTHINESS DOCUMENTATION (FAA DESIGNEE use only)	☒	A. Operating Limitations and Markings in Compliance With 14 CFR Section 91.9, As Applicable	G. Statement of Conformity, FAA Form 8130-9 (Attach when required)	
	☐	B. Current Operating Limitations Attached	H. Foreign Airworthiness Certification for Import Aircraft (Attach when required)	
	☐	C. Data, Drawings, Photographs, etc. (Attach when required)	I. Previous Airworthiness Certificate Issued in Accordance With 14 CFR Section <u>21.329 (a)</u> CAR _____ (Original attached)	
	☒	D. Current Weight and Balance Information Available in Aircraft	☒ J. Current Airworthiness Certificate Issued in Accordance With 14 CFR Section <u>21.183 (d)</u> (Copy attached)	
	☐	E. Major Repair and Alteration, FAA Form 337 (Attach when required)	☒ K. Light-Sport Aircraft Statement of Compliance, FAA Form 8130-15 (Attach when required)	
	☒	F. This Inspection Recorded in Aircraft Records		

N5025X
10 SEP 2021

 U.S. Department of Transportation Federal Aviation Administration	Application for Export Certificate of Airworthiness	Export Certificate No. E 479187				
INSTRUCTIONS – This application is to be submitted to an authorized FAA representative (one copy) when the aircraft to be exported is (are) presented for inspection. This application may be used, but is not required, for aircraft engines, propellers, and articles. Use Part I for products and Part II for articles. For complete aircraft, execute items 1 through 11, as applicable. For engines and propellers, omit item 5A. Part III is for FAA use only.						
Part I – Application for Export Certificate of Airworthiness (Complete items 1-11)						
1. Application is made for an export certificate of airworthiness to cover the product(s) described below which (are): ☐ NEW ☒ USED						
2. Name and address of exporter Adams Aviation Services Inc. Trustee / 6310 Lemmon Ave. Suite 222, Dallas, Texas 75209	3. Name and address of foreign purchaser Comercial Aerea S.A. de C.V. Av. Zarco #2401, Col. Zarco, C.P. 31020 Chihuahua, Chihuahua	4. Country of destination Mexico				
5. Description of product(s)						
Type (a)	Make and Model (b)	Identification No.	Serial Nos. (c)	FAA T.C. or Spec. No. (d)	Operating time (Hours) (e)	
					Since Overhaul	Total
A. AIRCRAFT	Gulfstream Aircraft Corporation G550	N430BK	5024	A12EA	N/A	7997.0
B. ENGINES	Rolls Royce Duetschland Ltd. BR700-710C4-11	N/A	#1 15151 #2 15937	E00057EN	#1 N/A #2 N/A	7997.0 2064.3
C. PROPELLERS	N/A	N/A	N/A	N/A	N/A	N/A
6. Does the product comply with all applicable Federal Aviation Regulations, Airworthiness Directives, and other FAA requirements? ☒ YES ☐ NO (Explain in "Remarks")						
7. Have applicable special requirements of the importing country been complied with? ☐ YES ☒ NO (Explain in "Remarks")						
8. Date title passed or is expected to pass to foreign purchaser: 29 OCT 2018						
9. For overseas shipment, preservation and packaging methods used to protect product(s) against corrosion and damage (List Spec. No. or Title): Effective duration of above methods: N/A due to fly away.						
10. Remarks Submitted request to DGAC for non-compliance to Mexico Special Requirements.						
11. EXPORTER'S CERTIFICATION – The undersigned certifies that the above statements are true and that the product(s) described herein is (are) airworthy and in a condition for safe operation except as may be noted under item 10 "Remarks" above.						
Signature of applicant or authorized representative Leticia Vargas Jacobo				Title Agent		Date 8/29/18

Part II – Application for Approval of Articles (Complete Items 12-20)		
12. Name and address of exporter	13. Name and address of foreign purchaser	14. Country of destination
15. Articles are eligible for installation on _____	Make and model of product	FAA Spec. No. or T.C.
16. The articles are (Check One) → ☒ NEW ☐ USED		
17. The articles are described (Check One) ☐ Below by name, part number and quantity ☐ On the attached invoice or packing sheet by name, part number and quantity		Invoicing/packing sheet No.
Name (a)	Part number (b)	Quantity (c)
18. Have applicable special requirements of the importing country been complied with? ☐ YES ☐ NO (Explain in item 10 "Remarks")		
19. Preservation and packaging methods used to protect articles against corrosion and damage (List Spec. No. or Title): Effective duration of above methods:		
20. Exporters Certification – I certify that the foregoing statements are true and that the articles described herein are airworthy, conform to FAA approved design data, are in a condition for safe operation except as may be noted in item 10 "Remarks".		
Signature of applicant or authorized representative	Title	Date
Part III – Approval (FOR FAA USE ONLY)		
21. It is considered that the product(s) and articles described in Part I or Part II is (are) airworthy and conform(s) to pertinent requirements, except as noted in Item 10. (Check One) → ☒ Part I ☐ Part II		
Signature Xavier M. Ybarra	Number [REDACTED]	Date 08/29/2018
(Check one) → ☐ ODA ☐ DMIR ☒ DAR ☐ FAA Inspector		
22. Give quantity of approval tags, FAA Form 8130-3, issued for the articles described in Part II. →		Quantity
23. EXPORT FILE SPOT-CHECKED BY:		
FAA Supervising Inspector Victor H. Lopez Jr	D.O. No. SAT/FSDO/SCW-17	Date 09/10/2018

The United States of America
Department of Transportation
Federal Aviation Administration
Washington, D.C.

No. E 479187

Export Certificate of Airworthiness

This certifies that the product identified below and particularly described in Specification(s)¹ of the Federal Aviation Administration, Numbered A12EA & E00057EN has been examined as of the date of this certificate, is considered airworthy in accordance with a comprehensive and detailed airworthiness code of the United States Government, and is in compliance with those special requirements of the importing country filed with the United States Government, except as noted below. The certificate in no way attests to compliance with any agreements or contracts between the vendor and purchaser, nor does it constitute authority to operate an aircraft.

Product: Aircraft

Manufacturer: Gulfstream Aerospace Corporation

Model: GV-SP (G550)

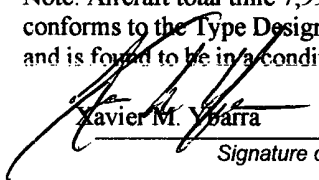
Serial No: 5024

New: Used: ☒ X

Country to which exported: Mexico

Exceptions: Mexico DGAC Letter accepting non-compliance to Special Importing Requirements dated 22 AUG 2018.

Note: Aircraft total time 7,997.0 hours. The Gulfstream 550 covered by this certificate conforms to the Type Design Approved under FAA Type Certificate Number A12EA and is found to be in a condition for safe operation.


Xavier M. Ybarra

Signature of Authorized Representative

29 AUG 2018

Date


District Office or Designee Number

¹ For complete aircraft, list applicable specification or type certificate data sheet for the aircraft, engine, and propeller. Applicable specification or type certificate data sheet, if not attached to this export certificate, will have been forwarded to the appropriate governmental office of the importing country.



Dirección General de Aeronáutica Civil
Dirección General Adjunta de Aviación
4.1.4.-1695/18

Ciudad de México, a 22 de agosto de 2018

Federal Aviation Administration
Flight Standards District Office
10100 Reunion Place, Suite 200
San Antonio, Texas 78216
United States of America

Victor H. Lopez, Jr.
Principal Maintenance Inspector

En atención a su escrito de fecha 09 de agosto del año en curso, por medio del cual solicita a esta Autoridad de Aviación Civil el otorgamiento de la exención (waiver), para la aeronave marca Gulfstream, modelo G550, número de serie 5024, que pretende ser exportada a México, como es requerido en el acuerdo bilateral entre Estados Unidos de América y México; al respecto, le comunico que esta Autoridad de Aviación Civil no tiene inconveniente en otorgar las siguientes exenciones:

- Marcas y Placas no son bilingües.
- Un sistema detector de humo ó un sistema equivalente en el baño de la aeronave, que emita una luz ó una alarma audible en la cabina de pasajeros que permita ser fácilmente detectada por los miembros de la tripulación de sobrecargos ó de vuelo.
- Un extinguidor de fuego por cada recipiente de desechos ubicado en el baño de la aeronave.
- Las marcas de medición barométrica de los instrumentos de indicación de altitud, incluyendo los altímetros auxiliares e indicadores de altitud de cabina deberán ser presentados en mBar o hPa.

Attending to your letter dated August 09th this year, concerning the request of waiver to this Civil Aviation Authority for the Gulfstream Aircraft, model G550, serial number 5024, which is intended to be exported to Mexico, as required by Bilateral Agreement between the United States of America and Mexico. In this matter I inform you that this Civil Aviation Authority has not objection to grant the following exemptions:

- *Markings and Placards are not bilingual.*
- *Smoke detection system or equivalent system in lavatory that provides a warning light or audio warning in the passenger cabin which would be readily detected by an attendant.*
- *Fire extinguisher for each disposal receptacle for towels, paper or waste located in the lavatory.*
- *The barometric setting markings of the altitude indication instruments, including standby altimeters and cabin altitude indicators, shall be presented in "mBar" or "hPa".*

Lo anterior, condicionado a que al llegar la aeronave a nuestro país deberá ser ingresada a un taller aeronáutico autorizado con capacidad autorizada para instalar placas de identificación bilingües (español-inglés) requeridas para instrucciones de pasajeros, emergencias, compartimentos de carga, en el exterior de la aeronave y cualquier otra indicación a ser usada por personal de tierra; además asegurarse que las escalas usadas en los instrumentos de indicación de altitud deben ser compatibles con la información contenida en el manual de vuelo aprobado de la aeronave (AFM) y manuales de mantenimiento correspondientes, conforme a la Circular Obligatoria CO AV-21.2/07 R5 emitida por la DGAC, previo al otorgamiento del Certificado Aeronavegabilidad e inicio de operaciones de la misma.



Dirección General de Aeronáutica Civil
Dirección General Adjunta de Aviación
4.1.4.-1695/18

This, on condition that, to arrival the aircraft to our country must be admitted to an approved Mexican Repair Station with capacity authorized to install bi-lingual placards (Spanish-English) required for passengers, emergencies, cargo and baggage compartment, in the aircraft exterior and any other indications guidance to be used by the ground support personnel; also making sure that the markings used on the altitude indication instruments shall be consistent with the information presented in the applicable approved aircraft flight manual (AFM) and maintenance manuals, in accordance with DGAC Obligatory Circular (OC), CO AV-21.2/07 R5, prior to the issuance of the Certificate of Airworthiness and early operation of the aircraft.

Atentamente,

Ing. Pablo Carranza Plata
Director General Adjunto de Aviación

C.c.p. Director General de Aeronáutica Civil.- Para su conocimiento.
Director General Adjunto de Seguridad Aérea.- Para su conocimiento.
Directo de Aviación.- Para su conocimiento.

RRM' LBSG' IEE' ICC'

X:\0.33.57.166\Aeronavegabilidad\2018\AERONAVEGABILIDAD\WAIVERS\WAIVER'S 2018\GULFSTREAM G550, NS 5024\Waiver Gulfstream G550, NS 5024.docx

ADAMS AVIATION SERVICES, INC.



POWER OF ATTORNEY

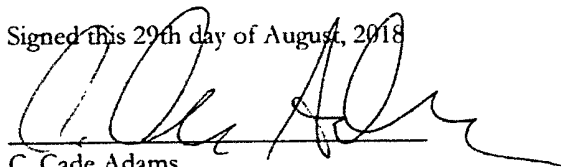
August 29, 2018

RE: Gulfstream Aerospace/GV-SP (G550), Serial Number 5024, Bearing Registration Number N430BK

I hereby authorize Leticia Vargas Jacobo to sign the application for Export Certificate of Airworthiness, FAA Form 8130-1 or other necessary documents related to obtaining the Export Certificate of Airworthiness in the matter of the above referenced aircraft on behalf of Adams Aviation Services, Inc., Trustee.

This Power of Attorney does not constitute authority for Leticia Vargas Jacobo to sign any document requesting registration or deregistration of the aircraft on or from the aircraft registry of the United States of America.

Signed this 29th day of August, 2018



C. Cade Adams

Director

Adams Aviation Services, Inc., Trustee

STATE OF TEXAS

§

COUNTY OF DALLAS

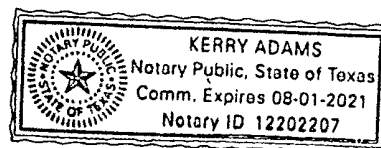
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§

This document was acknowledged before me on August 29, 2018 by


Notary Public, State of Texas

My Commission Expires 8/1/2021



/

COPY



US Department
of Transportation
Federal Aviation
Administration

MAJOR REPAIR AND ALTERATION
(Airframe, Powerplant, Propeller, or Appliance)

OMB No. 2120-0020
Exp: 5/31/2018

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

1. Aircraft	Nationality and Registration Mark N430BK	Serial No. 5024
	Make GULFSTREAM AEROSPACE	Model GV-SP (G550) Series
2. Owner	Name (As shown on registration certificate) ALTITUDE AVIATION GROUP LLC	Address (As shown on registration certificate) Address 4100 CAMPUS DR STE 220
		City NEWPORT BEACH State CALIFORNIA
		Zip 92660-1900 Country UNITED STATES

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
☐	☒	AIRFRAME	<u>GULFSTREAM AEROSPACE</u>	(As described in Item 1 above)	<u>5024</u>
☐	☐	POWERPLANT			
☐	☐	PROPELLER			
☐	☐	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency		C. Certificate No. VUXR007X	
Name	Aviation Maintenance Group Inc.	☐	U. S. Certificated Mechanic		Manufacturer
Address	8352 Kimball Ave. F350 Hangar	☐	Foreign Certificated Mechanic		
City	CHINO State CA	☒	Certificated Repair Station VUXR007X		
Zip	91708 Country UNITED STATES	☐	Certificated Maintenance Organization		

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Extended range fuel per 14 CFR Part 43 App. B ☐	Signature/Date of Authorized Individual <i>Y. Wheeler Turner</i> 6/20/18
--	---

7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is ☒ Approved ☐ Rejected

BY	FAA Fit. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
	FAA Designee ☒	Repair Station	Inspection Authorization	

Certificate or Designation No. VUXR007X	Signature/Date of Authorized Individual <i>Y. Wheeler Turner</i> 6/20/18
--	---

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

N430BK

JUNE 20, 2018

Nationality and Registration Mark

Date

2 Crew Seats:

Removed and Installed Reupholstered Pilot and Copilot Seat Dress Covers with Green Hides Aeronautica 11018 Heron Leather Dye Lot # 6806, AL-F-401 Aerolamp Gray Sheepskin Dye Lot # Y18-M-678 and Skandia Inc. SRPBGE 1.00 H&L Velcro. Ref ACES Report# A061118-04FR Rev IR for Flammability and Oil Burn Test Results 8110-3 Form Dated June 19, 2018 Ref ACES 8110-3 Report# A061418-01SR Rev IR Substantiation Report- Dress Cover Replacement- Seating Products-Gulfstream Aerospace Corporation Model GV-SP S/N 5024 Drawing GVSP-090037 and Gulfstream GV-SP Dress Cover Replacement Seating Products Dated June 19, 2018

1 Observer Seat:

Removed and Installed Reupholstered Observer Seat Dress Covers with Green Hides Aeronautica 11018 Heron Leather Dye Lot # 6806 and Skandia Inc. SRPBGE 1.00 H&L Velcro. Ref ACES Report# A061118-04FR Rev IR for Flammability and Oil Burn Test Results 8110-3 Form Dated June 19, 2018 Ref ACES 8110-3 Report# A061418-01SR Rev IR Substantiation Report- Dress Cover Replacement- Seating Products-Gulfstream Aerospace Corporation Model GV-SP S/N 5024 Drawing GVSP-090037 and Gulfstream GV-SP Dress Cover Replacement Seating Products Dated June 19, 2018

Crew and Observer Seat Placards:

All Placards for Pilot, Copilot, and Observer Seat Were Installed IAW Guidance Defined in AC 21-25B and TSO Requirements for Dynamically Certified Seats. Ref ACES Report# A061118-04FR Rev IR Substantiation Report- Dress Cover Replacement Seating Products-Gulfstream Aerospace Corporation Model GV-SP S/N 5024 Dated June 19, 2018 Drawing A0100001 Rev. R Dated 01/23/2013

No Change to Aircraft Weight and Balance.

-----END-----

☐ Additional Sheets Are Attached



US Department
of Transportation
Federal Aviation
Administration

**MAJOR REPAIR AND ALTERATION
(Airframe, Powerplant, Propeller, or
Appliance)**

Form Approved
OMB No. 2120-
0020
2/28/2011

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

1. Aircraft	Nationality and Registration Mark N424GA	Serial No. 5442	
	Make Gulfstream	Model GV-SP	Series (G550)
2. Owner	Name (As shown on registration certificate) Gulfstream Aerospace Corp	Address (As shown on registration certificate) Address 500 Gulfstream Road City Savannah State Ga Zip 31408-9643 Country U.S.A.	

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
☐	☒	AIRFRAME		(As described in Item 1 above)	
☐	☐	POWERPLANT			
☐	☐	PROPELLER			
☐	☐	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency	
Name <u>Gulfstream Aerospace Corporation</u>		☐ U.S. Certified Mechanic	☐ Manufacturer
Address <u>500 Gulfstream Road</u>		☐ Foreign Certified Mechanic	C. Certificate No. <u>GR42216M</u>
City <u>Savannah</u> State <u>GA</u>		☒ Certified Repair Station	
Zip <u>31408</u> Country <u>USA</u>		☐ Certified Maintenance Organization	

Radio, Class I, II, III, Instrument, Class I, II & III, Airframe, GIV-X (G350 and G450)
GV-SP (G500 and G550), Powerplant, Rolls Royce Tay 611 -8C, BMW/Rolls
ROYCE Deutschland BR-700-710C4-11

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Extended range fuel
per 14 CFR Part 43
App. B ☐

Signature/Date of Authorized Individual

Jason W. Berman November 26, 2013

7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is ☒ APPROVED ☐ REJECTED

BY	FAA Flt. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
	FAA Designee	☒ Repair Station	Inspection Authorizations	Other (Specify)
Certificate or Designation No. GR42216M		Signature/Date of Authorized Individual <u>Jason W. Berman</u> November 26, 2013		

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alteration to assure continued conformity with the applicable airworthiness requirements

8. Description of Work Accomplished:

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed).

Aircraft Model: GV-SP (G550)

Aircraft Time Since New: 3:58

Aircraft Serial No.: 5442

Aircraft Landings Since New: 2

Aircraft Registration No.: N424GA

Continuation of FAA FORM 337 Dated November 26, 2013

Page 2 of 5

Reference: Gulfstream Aerospace Corporation Workorder No.: 0268-6730

- A. Reference Electrical Load Analysis reference report number GC514696652 Rev. N/C.

- B. Reference Aircraft Weight and Balance Report Document number GC550WR5442
Revision N/C dated November 22, 2013. Aircraft weighed on November 22, 2013.

- C. Complied with Interference testing requirements in accordance with FAR 25.1301(d)
25.1353 (a) and 25.1431(c).

- D. All materials comply with the Flammability FAR's as defined in 14 CFR § 25.853(a) &
(c) as amended to 25-83 & § 25.855(d) as amended to 25-93 from the GV-SP
Certification Basis. 14 CFR § 25.856(a) as amended to 25-111 to comply with
operational requirements. 14 CFR § 25 Appendix F Part I and VI as amended to 25-
111 to comply with operational requirements.
14 CFR § 25 Appendix F Part II as amended to 25-94 from the GV-SP Certification
Basis.

Aircraft Model: GV-SP (G550)

Aircraft Serial No.: 5442

Aircraft Registration No.: N424GA

Continuation of FAA FORM 337 Dated November 26, 2013

Reference: Gulfstream Aerospace Corporation Workorder No.: 0268-6730

Aircraft Time Since New: 3:58

Aircraft Landings Since New: 2

Page 3 of 5

H Supplemental Type Certificates.

ITEM SYSTEM	ORIGINAL STC	CERTIFICATION IL/DL/DWG (Configuration List) (Deviation Configuration List)	Required Aircraft Flight Manual Supplement Inserted in Flight Manual (Dated)
--------------------	-------------------------	--	---

1. Pass. O2 System	ST02696AT-D	GC514538000 (GC514538004) (GC514536297)	Rev. N Rev. C Rev. N/C	GC51453M004 (12/08/2004)
---------------------------	--------------------	--	---------------------------------------	-------------------------------------

Reference GAC document no. GC51453A003 for Maintenance Requirements - Instructions for Continued Airworthiness dated 8/22/2011.

2. Emergency Lighting	ST02697AT-D	GC514868002 (GC514868005) (GC514866494)	Rev. K Rev. C Rev. A	N/A
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Reference GAC document no. GC51486A002 for Maintenance Requirements - Instructions for Continued Airworthiness dated 4/25/2011.

3. External Camera	ST02715AT-D	GC515058016 (GC515058023) (GC515056293)	Rev. N Rev. B Rev. N/C	GC51505M006 (3/08/2012)
---------------------------	--------------------	--	---------------------------------------	------------------------------------

Reference GAC document no. GC51505A005 for Maintenance Requirements - Instructions for Continued Airworthiness dated 2/28/2012.

4. Window Shades	ST03290AT-D	GC515068000 (GC515068042) (GC515066294)	Rev. J Rev. N/C Rev. N/C	GC51506M002 (11/21/2006)
-------------------------	--------------------	--	---	-------------------------------------

Reference GAC document No. GC51506A002 for Maintenance Requirements - Instructions for Continued Airworthiness dated 8/03/2009

Aircraft Model: GV-SP (G550)

Aircraft Serial No.: 5442

Aircraft Registration No.: N424GA

Continuation of FAA FORM 337 Dated November 26, 2013

Aircraft Time Since New: 3:58

Aircraft Landings Since New: 2

Page 4 of 5

Reference: Gulfstream Aerospace Corporation Workorder No.: 0268-6730

H. Supplemental Type Certificates.

ITEM SYSTEM	ORIGINAL STC	CERTIFICATION IL/DL/DWG (Configuration List) (Deviation Configuration List)	Required Aircraft Flight Manual Supplement Inserted in Flight Manual (Dated)
-------------	-----------------	--	---

5. Aircell Axxess II Satellite Telephone	ST03533AT-D	GC512038002 (GC512038015) (GC512036135)	Rev. J Rev. A Rev. A	GC51203M002 (8/09/2010)
---	-------------	---	----------------------------	----------------------------

Reference GAC document No. GC51203A002 for Maintenance Requirements - Instructions for Continued Airworthiness dated 6/16/2010.

6. BBML	ST03667AT-D	GC413038009 (GC413038030) (GC513036313)	Rev. F Rev. N/C Rev. A	GC51303M011 (9/10/2009)
---------	-------------	---	------------------------------	----------------------------

Reference GAC document no. GC51303A009 for Maintenance Requirements - Instructions for Continued Airworthiness dated 8/6/2009.

7. Airplane Interior	ST03686AT-D	GC520008657 (GC520008756) (GC520006092)	Rev. AM Rev. C Rev. A	GC51468M003 (4/12/2013)
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Reference GAC document No. GC52801A714 for Maintenance Requirements - Instructions for Continued Airworthiness dated 4/23/2013.

8. AVDS	ST03784AT-D	GC515128003 (GC515128006) (GC515126055)	Rev. D Rev. N/C Rev. N/C	N/A
---------	-------------	---	--------------------------------	-----

Reference GAC document No. GC51512A002 for Maintenance Requirements - Instructions for Continued Airworthiness dated 5/4/2010.

Aircraft Model: GV-SP (G550)

Aircraft Serial No.: 5442

Aircraft Registration No.: N424GA

Continuation of FAA FORM 337 Dated November 26, 2013

Reference: Gulfstream Aerospace Corporation Workorder No.: 0268-6730

Aircraft Time Since New: 3:58

Aircraft Landings Since New: 2

Page 5 of 5

- I. Also reference Aircraft Weight and Balance Report Document number GC550WR5442
Revision N/C dated November 22, 2013. Aircraft weighed on November 22, 2013.

Description	WT (LB)	ARM (IN)
Floor Covering	447.3	392.5
Floorboard Modifications	7.7	293.4
Soundproofing	318.8	455.3
Headliner & Passenger Service Units w/Handrails	304.0	441.4
Cockpit Area Furnishings and Finish	3.9	111.9
Main Entry Door	27.0	185.8
Vestibule Area	0.7	169.5
Avionics Compartments	48.0	160.3
Vestibule Acoustical Closeout	33.9	185.8
Forward Communication Area	163.7	278.2
Forward Storage Closet	107.3	217.5
Forward Galley	709.6	260.0
Forward Crew Lavatory	155.4	193.2
Single & Double Passenger Seats	741.5	396.4
Divan Seating - Four-place	453.3	576.1
Console Tables	6.8	323.1
Conference Table, Mechanical Lift	46.0	466.0
Credenza	142.2	464.9
Cabin Ledges w/Magazine Racks	183.3	385.7
Electric Window Shades	117.6	411.7
Window Panels	61.5	458.9
Fwd Cabin Bulkheads w/Hinged Door	27.8	577.0
Mid-Cabin Bulkheads with Pocketing Doors	102.2	517.7
Aft Lavatory - Side Facing w/ Opposite Vanity	235.7	663.6
Aft Closets / Storage Compartments	178.7	637.0
Baggage Compartment Bulkhead & Door	24.5	682.9
Baggage Compartment	3.3	705.8
Emergency Equipment	13.9	304.7
Emergency Lighting	2.7	411.5
Passenger Oxygen System	22.3	338.1
Water & Drain System	36.1	465.0
Conditioned Air Modification	33.7	398.1
Cabin Stereo Equipment	1.5	224.5
Cabin Video Equipment	53.5	379.2
Audio/Video Distribution System	41.2	401.2
External Camera System - Securaplane	18.0	627.8
60 Hz Power System	27.8	937.0
Maintenance Storage Box	11.9	893.8
Avionics	134.7	426.0
Spare Wires and Conduits	10.0	500.0
AirCell Axxess II Iridium Telephone System	2.1	515.0
Broadband Multi-Link System (BBML)	114.7	797.4
Securaplane PreFlite Aircraft Security System	30.3	607.5
Exterior Paint	252.1	550.0
Aircraft Service Changes	0.0	0.0
Miscellaneous	41.9	450.0

NO Additional Sheets Are Attached

U.S. Department
of Transportation
Federal Aviation
Administration**Application for Export
Certificate of Airworthiness**Export Certificate No.
E-449957

INSTRUCTIONS — This application is to be submitted to an authorized FAA representative (one copy) when the product(s) to be exported is (are) presented for inspection. Use Part I for Class 1 products and Part II for Class II. For complete aircraft execute items 1 through 11, as applicable. For engines and propellers, omit item 5A. Part III is for FAA use only.

Part I — Application for Export Certificate of Airworthiness (Complete items 1-11)**1. Application is made for an export certificate of airworthiness to cover the product(s) described below which is (are):**☐ **NEW** ☒ **USED (Aircraft)** ☐ **NEWLY OVERHAULED****2. Name and address of exporter**
Gulfstream Aerospace Corporation
P.O. Box 2206, M/S E-09
Savannah, GA 31402**3. Name and address of foreign purchaser**
Deerjet Co., Ltd.
1F, China Xinhua Airlines Operation Base
North of Fengjia, Ying, Beijing 101300, China**4. Country of Destination**
People's Republic of China**5. Description of product(s)**

Type (a)	Make and Model (b)	Identification No.	Serial Nos. (c)	FAA T.C. or Spec. No. (d)	Operating time (Hours) (e)	
					Since Overhaul	Total
A. AIRCRAFT	GULFSTREAM GV-SP (G550)	N424GA	5024	A12EA (34)	N/A	4067.9
B. ENGINES	Rolls-Royce Deutschland Ltd & Co KG BR-700-710C4-11		15151 15150	E00057EN (5)	N/A	4067.9
C. PROPELLERS	N/A		N/A	N/A	N/A	N/A

6. Does the product comply with all applicable Federal Aviation Regulations, Airworthiness Directives, and other FAA requirements?☒ **YES** ☐ **NO (Explain in "Remarks")****7. Have applicable special requirements of the importing country been complied with?**☒ **YES** ☐ **NO (Explain in "Remarks")****8. Date title passed or is expected to pass to foreign purchaser:**

December 8, 2009

9. For overseas shipment, preservation and packaging methods used to protect product(s) against corrosion and damage (List Spec. No. or Title):

NOT APPLICABLE TO FLY-AWAY AIRCRAFT

Effective duration of above methods:

10. RemarksNo. 7946 (FAR 25.813(e)), Mid-Cabin Doors Between Passenger Compartments
No. 8004, 8142 (FAR 25.901(c)), Uncontrollable High Thrust Conditions**11. EXPORTER'S CERTIFICATION** — The undersigned certifies that the above statements are true and that the product(s) described herein is (are) airworthy and in condition for safe operation except as may be noted under item 10 "Remarks" above.

Signature of applicant or authorized representative

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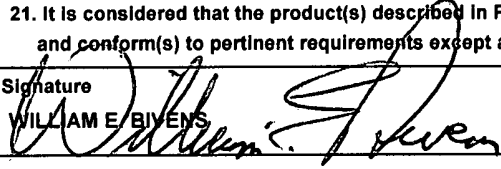
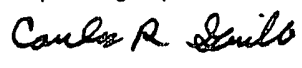
LIU PEI

Title

Aircraft Maintenance Planning

Date

2009-12-9

Part II — Application for Approval of Aeronautical Parts (Complete items 12-20)		
12. Name and address of exporter	13. Name and address of foreign purchaser	14. Country of destination
15. Parts are eligible for installation on _____	Make and model Class I product	FAA Spec. No. or T.C
16. The parts are (Check One) _____ ☐ NEW ☐ NEWLY OVERHAULED		
17. The parts are described (Check One) ☐ Below by name, part number and quantity ☐ On the attached invoice or packing sheet, by name, part number and quantity _____		Invoice/packing sheet No.
Name (a)	Part number (b)	Quantity (c)
18. Have applicable special requirements of the importing country been complied with? ☐ YES ☐ NO (Explain in Item 10 "Remarks")		
19. Preservation and packaging methods used to protect parts against corrosion and damage (List Spec. No. or Title): Effective duration of above methods:		
20. Exporter's Certification — I certify that the foregoing statements are true and that the parts described herein are airworthy, conform to FAA approved design data, are in condition for safe operation except as may be noted in Item 10 "Remarks".		
Signature of applicant or authorized representative	Title	Date
Part III — Approval (FOR FAA USE ONLY)		
21. It is considered that the product(s) described in Part I or Part II is (are) airworthy and conform(s) to pertinent requirements except as noted in Item 10. (Check one) _____ ☒ Part I ☐ Part II		
Signature  WILLIAM E. BIVENS	Number DAR-T-919006-SO	Date 12/09/2004
(Check one) _____ ☐ DMIR ☒ DAR ☐ DOA ☐ ODAR ☐ FAA Inspector		
22. Give quantity of approval tags, FAA Form 8130-3, issued for the parts described in Part II. _____		Quantity
23. EXPORT FILE SPOT-CHECKED BY:		
FAA Supervising Inspector  Carlos R. Grillo	D.O. No. SO FSDO-19	Date DEC 28 2004

The United States of America
Department of Transportation
Federal Aviation Administration
Washington, D.C.

No. E-449957

Export Certificate of Airworthiness

This certifies that the product identified below and particularly described in Specification(s)¹ of the Federal Aviation Administration, Numbered A12EA Rev. 34, E00057EN Rev.5 has been examined as of the date of this certificate, is considered airworthy in accordance with a comprehensive and detailed airworthiness code of the United States Government, and is in compliance with those special requirements of the importing country filed with the United States Government, except as noted below. The certificate in no way attests to compliance with any agreements or contracts between the vendor and purchaser, nor does it constitute authority to operate an aircraft.

Product: AIRCRAFT

AIRFRAME:

Manufacturer: GULFSTREAM AEROSPACE

TT: 4,067.9

Model: GV-SP (550)

TC: 1,258

Serial No: 5024

New: Newly overhauled: Used aircraft: YES

Country to which exported: PEOPLE'S REPUBLIC OF CHINA

Exceptions: No. 7946 (FAR 25.813(e)),
Mid-Cabin Doors Between Passenger
Compartments

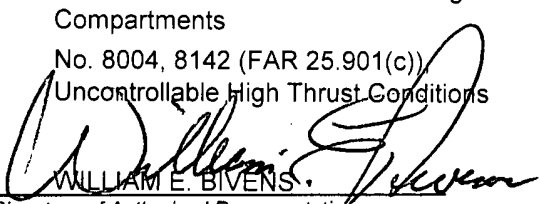
No. 8004, 8142 (FAR 25.901(c))
Uncontrollable High Thrust Conditions

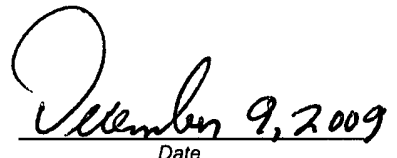
ENGINE:

ROLLS ROYCE
BR-700-710C4-11

LT S/N 15151

RT S/N 15150


WILLIAM E. BIVENS
Signature of Authorized Representative


Date

DAR-T-919006-SO

District Office or Designee Number

¹ For complete aircraft, list applicable specification or type certificate data sheet for the aircraft, engine, and propeller. Applicable specification or type certificate data sheet, if not attached to this export certificate, will have been forwarded to the appropriate governmental office of the importing country.

I. AIRCRAFT DESCRIPTION		II. CERTIFICATION REQUESTED		III. OWNER'S CERTIFICATION		IV. INSPECTION AGENCY VERIFICATION		V. FAA REPRESENTATIVE CERTIFICATION	
APPLICATION FOR AIRWORTHINESS CERTIFICATE		INSTRUCTIONS - Print or type. Do not write in shaded areas. These are for FAA use only. Submit original only to an authorized FAA Representative. If additional space is required use an attachment. For special flight permits complete Sections II, VI and VII as applicable.							
1. REGISTRATION MARK N424GA	2. AIRCRAFT BUILDER'S NAME (Make) Gulfstream Aerospace Corp.	3. AIRCRAFT MODEL DESIGNATION GV-SP(G550)	4. YR MFR 2003	5. AIRCRAFT SERIAL NO. 5024		6. ENGINE BUILDERS NAME (Make) Rolls-Royce De. Ltd.		7. ENGINE MODEL DESIGNATION BR700-710C4-11	
8. NUMBER OF ENGINES 2	9. PROPELLER BUILDER'S NAME (Make) NA	10. PROPELLER MODEL DESIGNATION NA		11. AIRCRAFT IS (Check if applicable) ☐ IMPORT					
APPLICATION IS HEREBY MADE FOR: (Check applicable items)									
A ☒ STANDARD AIRWORTHINESS CERTIFICATE (Indicate category) ☐ NORMAL ☐ UTILITY ☐ ACROBATIC ☒ TRANSPORT ☐ COMMUTER ☐ BALLOON ☐ OTHER									
B ☐ SPECIAL AIRWORTHINESS CERTIFICATE (Check appropriate items)									
7 ☐ PRIMARY									
2 ☐ LIMITED									
5 ☐ PROVISIONAL (Indicate class)									
1 ☐ Class I									
2 ☐ Class II									
3 ☐ RESTRICTED (Indicate operation(s) to be conducted)									
1 ☐ AGRICULTURE AND PEST CONTROL 2 ☐ AERIAL 3 ☐ AERIAL ADVERTISING									
4 ☐ FOREST (Wildlife conservation) 5 ☐ PATROLLING 6 ☐ WEATHER CONTROL									
0 ☐ OTHER (Specify)									
4 ☐ EXPERIMENTAL (Indicate operation(s) to be conducted)									
1 ☐ RESEARCH AND DEVELOPMENT 2 ☐ AMATEUR BUILT 3 ☐ EXHIBITION									
4 ☐ AIR RACING 5 ☐ CREW TRAINING 6 ☐ MARKET SURVEY									
0 ☐ TO SHOW COMPLIANCE WITH THE CFR 7 ☐ OPERATING (Primary Category) KIT BUILT AIRCRAFT									
8 ☐ SPECIAL FLIGHT PERMIT (Indicate operation to be conducted then complete Section VI or VII as applicable on reverse side)									
1 ☐ FERRY FLIGHT FOR REPAIRS, ALTERATIONS, MAINTENANCE, OR STORAGE									
2 ☐ EVACUATE FROM AREA OF IMPENDING DANGER									
3 ☐ OPERATION IN EXCESS OF MAXIMUM CERTIFICATED TAKE-OFF WEIGHT									
4 ☐ DELIVERING OR EXPORTING 5 ☐ PRODUCTION FLIGHT TESTING									
6 ☐ CUSTOMER DEMONSTRATION FLIGHTS									
C ☐ MULTIPLE AIRWORTHINESS CERTIFICATE (Check ABOVE: "Restricted Operation" and "Standard" or "Limited" as applicable)									
A. REGISTERED OWNER (As shown on certificate of aircraft registration) IF DEALER, CHECK HERE ☐									
NAME Gulfstream Aerospace Corp.					ADDRESS 500 Gulfstream Rd, M/S B-16, Savannah, Ga. 31407				
B. AIRCRAFT CERTIFICATION BASIS (Check applicable blocks and complete items as indicated)									
☒ AIRCRAFT SPECIFICATION OR TYPE CERTIFICATE DATA SHEET (Give No. and Revision No.) A12EA Rev. 30					☒ AIRWORTHINESS DIRECTIVES (Check if all applicable AD's complied with and give the number of the last AD SUPPLEMENT available in the biweekly series as of the date of application) Biweekly 2009-08, dated April 13, 2009				
☐ AIRCRAFT LISTING (Give page number(s))					☒ SUPPLEMENTAL TYPE CERTIFICATE (List number of each STC incorporated) See attachment				
C. AIRCRAFT OPERATION AND MAINTENANCE RECORDS									
☒ CHECK IF RECORDS IN COMPLIANCE WITH 14 CFR section 91.417					TOTAL AIRFRAME HOURS 4056.2		3 ☐ EXPERIMENTAL ONLY (Enter hours flown since last certificate issued or renewed)		
D. CERTIFICATION - I hereby certify that I am the registered owner (or his agent) of the aircraft described above, that the aircraft is registered with the Federal Aviation Administration in accordance with Title 49 of the United States Code 44101 <u>et seq.</u> , and applicable Federal Aviation regulations, and that the aircraft has been inspected and is airworthy and eligible for the airworthiness certificate requested.									
DATE OF APPLICATION 4-14-09			NAME AND TITLE (Print or type) Robert T. Tarnuto Sr. Tech.			SIGNATURE <i>Robert T. Tarnuto</i>			
A. THE AIRCRAFT DESCRIBED ABOVE HAS BEEN INSPECTED AND FOUND AIRWORTHY BY (Complete these sections only if 14 CFR part 21, 121 or 135(d) applies)									
2 ☐ 14 CFR PART 121 CERTIFICATE HOLDER (Give Certificate No.)		3 ☐ CERTIFICATED MECHANIC (Give Certificate No.)		6 ☒ CERTIFICATED REPAIR STATION (Give Certificate No.) FAA CRS GR4R216M					
5 ☐ AIRCRAFT MANUFACTURER (Give name or firm)									
DATE 4-14-09			TITLE Sr. Airworthiness Inspector			SIGNATURE <i>Charles A. Ries</i>			
IV. INSPECTION AGENCY VERIFICATION									
A. (Check ALL applicable blocks in items A and B)									
A. I find that the aircraft described in Section I or VII meets requirements for									
4 ☐ THE CERTIFICATE REQUESTED									
4 ☐ AMENDMENT OR MODIFICATION OF CURRENT AIRWORTHINESS CERTIFICATE									
B. Inspection for a special flight permit under Section VII was conducted by:									
☐ FAA INSPECTOR ☐ FAA DESIGNEE									
☐ CERTIFICATE HOLDER UNDER ☐ 14 CFR part 65 ☐ 14 CFR part 121 or 135 ☐ 14 CFR part 145									
DATE 4-14-09		DISTRICT OFFICE FSDO -11		DESIGNEE'S SIGNATURE AND NO. 4 Brent Archibald, ODART-200023-SO		1 FAA INSPECTOR'S SIGNATURE			
V. FAA REPRESENTATIVE CERTIFICATION									

VI. PRODUCTION FLIGHT TESTING	A. MANUFACTURER			
	NAME		ADDRESS	
	B. PRODUCTION BASIS <i>(Check applicable items)</i>			
	☐	PRODUCT CERTIFICATE <i>(Give production certificate number)</i>		
	☐	TYPE CERTIFICATE ONLY		
	☐	APPROVED PRODUCTION INSPECTION SYSTEM		
C. GIVE QUANTITY OF CERTIFICATES REQUIRED FOR OPERATING NEEDS —————→				
DATE OF APPLICATION		NAME AND TITLE <i>(Print or type)</i>	SIGNATURE	
VII. SPECIAL FLIGHT PERMIT PURPOSES OTHER THAN PRODUCTION FLIGHT TEST	A. DESCRIPTION OF AIRCRAFT			
	REGISTERED OWNER		ADDRESS	
	BUILDER <i>(Make)</i>		MODEL	
	SERIAL NUMBER		REGISTRATION MARK	
	B. DESCRIPTION OF FLIGHT CUSTOMER DEMONSTRATION FLIGHTS ☐ <i>(Check if applicable)</i>			
	FROM		TO	
	VIA	DEPARTURE DATE	DURATION	
	C. CREW REQUIRED TO OPERATE THE AIRCRAFT AND ITS EQUIPMENT			
	☐	☐	☐	☐
	PILOT	CO-PILOT	FLIGHT ENGINEER	OTHER <i>(Specify)</i>
	D. THE AIRCRAFT DOES NOT MEET THE APPLICABLE AIRWORTHINESS REQUIREMENTS AS FOLLOWS			
	E. THE FOLLOWING RESTRICTIONS ARE CONSIDERED NECESSARY FOR SAFE OPERATION <i>(Use attachment if necessary)</i>			
	F. CERTIFICATION - I hereby certify that I am the registered owner (or his agent) of the aircraft described above; that the aircraft is registered with the Federal Aviation Administration in accordance with Title 49 of the United States Code 44101 <u>et seq.</u> and applicable Federal Aviation Regulations, and that the aircraft has been inspected and is airworthy for the flight described.			
DATE		NAME AND TITLE <i>(Print or type)</i>	SIGNATURE	
VIII. AIRWORTHINESS DOCUMENTATION (FAA/DESIGNEE use only)	☒	A. Operating Limitations and Markings in compliance with 14 CFR section 91.9 as Applicable	☐	G. Statement of conformity, FAA Form 8130-9 <i>(Attach when required)</i>
	☐	B. Current Operating Limitations Attached	☐	H. Foreign Airworthiness Certification for Import Aircraft <i>(Attached when required)</i>
	☐	C. Data, Drawings, Photographs, etc. <i>(Attach when required)</i>	☒	I. Previous Airworthiness Certificate issued in Accordance with
	☒	D. Current Weight and Balance Information Available in Aircraft	14 CFR Section <u>21.321(a)</u> CAR _____ <i>(Original attached)</i>	
	☐	E. Major Repair and Alteration, FAA Form 337 <i>(Attached when required)</i>	☒	J. Current Airworthiness Certificate Issued in Accordance with
	☒	F. This inspection Recorded in Aircraft Records	14 CFR Section <u>21.183(d)</u> <i>(Copy attached)</i>	
	☐			

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION—FEDERAL AVIATION ADMINISTRATION
STANDARD AIRWORTHINESS CERTIFICATE

1 NATIONALITY AND REGISTRATION MARKS N424GA	2 MANUFACTURER AND MODEL Gulfstream Aerospace GV-SP(G550)	3 AIRCRAFT SERIAL NUMBER 5024	4 CATEGORY Transport
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5 AUTHORITY AND BASIS FOR ISSUANCE

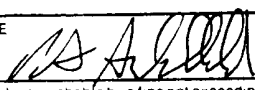
This airworthiness certificate is issued pursuant to the Federal Aviation Act of 1958 and certifies that, as of the date of issuance, the aircraft to which issued has been inspected and found to conform to the type certificate therefor, to be in condition for safe operation, and has been shown to meet the requirements of the applicable comprehensive and detailed airworthiness code as provided by Annex B to the Convention on International Civil Aviation, except as noted herein.

Exceptions:

**No. 7946 [FAR 25.813(e)], Mid-Cabin Doors Between Passenger Compartments.
No. 8004, 8142 [FAR 25.901(c)], Uncontrollable High Thrust Failure Conditions.**

6 TERMS AND CONDITIONS

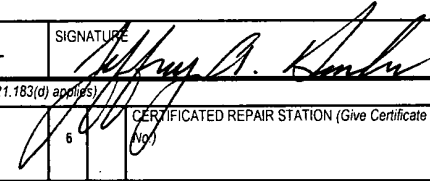
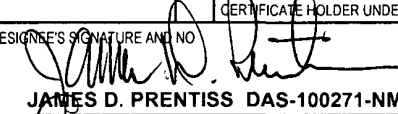
Unless sooner surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator, this airworthiness certificate is effective as long as the maintenance, preventative maintenance, and alterations are performed in accordance with Parts 21, 43, and 91 of the Federal Aviation Regulations, as appropriate, and the aircraft is registered in the United States.

DATE OF ISSUANCE 4/14/2009	FAA REPRESENTATIVE Brent Archibald 	DESIGNATION NUMBER ODART-200023-SO
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Any alteration, reproduction, or misuse of this certificate may be punishable by a fine not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT IN ACCORDANCE WITH APPLICABLE FEDERAL AVIATION REGULATIONS.

FAA Form 8100-2 (8-82)

☆ U.S. GOVERNMENT PRINTING OFFICE: 1991 - 668-228

U.S. Department of Transportation Federal Aviation Administration		APPLICATION FOR AIRWORTHINESS CERTIFICATE		INSTRUCTIONS - Print or type. Do not write in shaded areas; these are for FAA use only. Submit original only to an authorized FAA Representative. If additional space is required, use an attachment. For special flight permits complete Sections II, VI, and VII as applicable				
I. AIRCRAFT DESCRIPTION	1. REGISTRATION MARK N924GA	2. AIRCRAFT BUILDER'S NAME (Make) Gulfstream Aerospace Corp.	3. AIRCRAFT MODEL DESIGNATION GV-SP (G550)	4. YR MFR 2003	FAA CODING "DO NOT CODE PER ORDER 8130.29"			
	5. AIRCRAFT SERIAL NO. 5024	6. ENGINE BUILDER'S NAME (Make) BMW / ROLLS ROYCE	7. ENGINE MODEL DESIGNATION BR700-710C4-11					
	8. NUMBER OF ENGINES TWO	9. PROPELLER BUILDER'S NAME (Make) N/A	10. PROPELLER MODEL DESIGNATION N/A		11. AIRCRAFT IS (Check if applicable) ☐ EXPORT ☐ IMPORT			
APPLICATION IS HEREBY MADE FOR: (Check applicable items)								
II. CERTIFICATION REQUESTED	A	1	STANDARD AIRWORTHINESS CERTIFICATE (Indicate category)		NORMAL ☐ UTILITY ☐ ACROBATIC ☐ TRANSPORT ☐ COMMUTER ☐ BALLOON ☐ OTHER ☐			
	B		☒ SPECIAL AIRWORTHINESS CERTIFICATE (Check appropriate items)					
		7	PRIMARY					
		2	LIMITED					
		5	PROVISIONAL		1 CLASS I 2 CLASS II			
		3	RESTRICTED (Indicate operation(s) to be conducted)		1 AGRICULTURE AND PEST CONTROL 2 AERIAL 4 FOREST (Wildlife conservation) 5 PATROLLING 6 WEATHER CONTROL 0 OTHER (Specify)			
		4	☒ EXPERIMENTAL (Indicate operation(s) to be conducted)		1 RESEARCH AND DEVELOPMENT 2 AMATEUR BUILT 3 EXHIBITION 4 AIR RACING 5 CREW TRAINING 6 MKT SURVEY 0 ☒ TO SHOW COMPLIANCE WITH CFR 7 OPERATING (PRIMARY CATEGORY) KIT BUILT AIRCRAFT			
		8	SPECIAL FLIGHT PERMIT (Indicate operation to be conducted, then complete Section VI or VII as applicable on reverse side)		1 FERRY FLIGHT FOR REPAIRS, ALTERATIONS, MAINTENANCE OR STORAGE 2 EVACUATE FROM AREA OF IMPENDING DANGER 3 OPERATION IN EXCESS OF MAXIMUM CERTIFICATED TAKE-OFF WEIGHT 4 DELIVERING OR EXPORTING 5 PRODUCTION FLIGHT TESTING 6 CUSTOMER DEMONSTRATION FLIGHTS			
	C	6	MULTIPLE AIRWORTHINESS CERTIFICATE (Check ABOVE "Restricted Operation" and "Standard" or "Limited", as applicable)					
III. OWNER'S CERTIFICATION	A. REGISTERED OWNER (As shown on certificate of aircraft registration)			IF DEALER, CHECK HERE ☐				
	NAME GULFSTREAM AEROSPACE CORPORATION			ADDRESS P.O. BOX 2206 SAVANNAH, GA. 31402-2206				
	B. AIRCRAFT CERTIFICATION BASIS (Check applicable blocks and complete items as indicated)							
	☒ AIRCRAFT SPECIFICATION OR TYPE CERTIFICATE DATA SHEET (Give No and Revision No.) A12EA Revision 26			☒ AIRWORTHINESS DIRECTIVES (Check if all applicable AD's complied with and give the number of the latest AD SUPPLEMENT available in the biweekly series as of the date of application) 2004-14				
	☐ AIRCRAFT LISTING (Give page number(s)) N/A			☐ SUPPLEMENTAL TYPE CERTIFICATE (List number of each STC incorporated)				
	C. AIRCRAFT OPERATION AND MAINTENANCE RECORDS							
☒ CHECK IF RECORDS IN COMPLIANCE WITH 14 CFR section 91.417			TOTAL AIRFRAME HOURS 36.1		EXPERIMENTAL ONLY (Enter hours flown since last certificate issued or renewed) 3			
D. CERTIFICATION - I hereby certify that I am the registered owner (or his agent) of the aircraft described above, that the aircraft is registered with the Federal Aviation Administration in accordance with title 49 of the United States Code 44101 et seq. And applicable Federal Aviation Regulations, and that the aircraft has been inspected and is airworthy and eligible for the airworthiness certificate requested.								
DATE OF APPLICATION 7/13/2004			NAME AND TITLE (Print or type) JEFFREY A. DENLER QUALITY ANALYST			SIGNATURE 		
IV. INSPECTION AGENCY VERIFICATION	A. THE AIRCRAFT DESCRIBED ABOVE HAS BEEN INSPECTED AND FOUND AIRWORTHY BY (Complete this section only if 14 CFR PART 21.183(d) applies)							
	2	14 CFR PART 121 CERTIFICATE HOLDER (Give Certificate No.)		3	CERTIFICATED MECHANIC (Give Certificate No.)		6	CERTIFICATED REPAIR STATION (Give Certificate No.)
	5	AIRCRAFT MANUFACTURER (Give name of firm)						
	DATE		TITLE			SIGNATURE		
V. FAA REPRESENTATIVE CERTIFICATION	(Check ALL applicable blocks in items A and B)			☒ THE CERTIFICATE REQUESTED				
	A. I find that the aircraft described in Section I or VII meets requirements for			4 AMENDMENT OR MODIFICATION OF CURRENT AIRWORTHINESS CERTIFICATE				
	B. Inspection for a special flight permit under Section VII was conducted by:			FAA INSPECTOR		FAA DESIGNEE		
	DATE 7-13-04	DISTRICT OFFICE ANM-108L	DESIGNEE'S SIGNATURE AND NO.  JAMES D. PRENTISS DAS-100271-NM	CERTIFICATE HOLDER UNDER		14 CFR part	14 CFR part 121 or 135	14 CFR part

VI. PRODUCTION FLIGHT TESTING	A. MANUFACTURER					
	NAME				ADDRESS	
	B. PRODUCTION BASIS <i>(Check applicable item)</i>					
	☐ PRODUCTION CERTIFICATE <i>(Give production certificate number)</i> ☐ TYPE CERTIFICATE ONLY ☐ APPROVED PRODUCTION INSPECTION SYSTEM					
	C. GIVE QUANTITY OF CERTIFICATES REQUIRED FOR OPERATING NEEDS →					
DATE OF APPLICATION		NAME AND TITLE <i>(Print or type)</i>			SIGNATURE	

VII. SPECIAL FLIGHT PERMIT PURPOSES OTHER THAN PRODUCTION FLIGHT TEST	A. DESCRIPTION OF AIRCRAFT					
	REGISTERED OWNER				ADDRESS	
	BUILDER <i>(Make)</i>				MODEL	
	SERIAL NUMBER				REGISTRATION MARK	
	B. DESCRIPTION OF FLIGHT CUSTOMER DEMONSTRATION FLIGHTS ☐ <i>(Check if applicable)</i>					
	FROM				TO	
	VIA				DEPARTURE DATE	
					DURATION	
	C. CREW REQUIRED TO OPERATE THE AIRCRAFT AND ITS EQUIPMENT					
	☐ PILOT		☐ CO-PILOT		☐ FLIGHT ENGINEER	
			☐ OTHER <i>(Specify)</i>			
	D. THE AIRCRAFT DOES NOT MEET THE APPLICABLE AIRWORTHINESS REQUIREMENTS AS FOLLOWS:					
E. THE FOLLOWING RESTRICTIONS ARE CONSIDERED NECESSARY FOR SAFE OPERATION <i>(Use attachment if necessary)</i>						
F. CERTIFICATION - I hereby certify that I am the registered owner (or his agent) of the aircraft described above; that the aircraft is registered with the Federal Aviation Administration in accordance with TITL 49 OF THE United States Code 44010 et seq. and the applicable Federal Aviation Regulations; and that the aircraft has been inspected and is airworthy for the flight described.						
DATE		NAME AND TITLE <i>(Print or type)</i>			SIGNATURE	

VIII. AIRWORTHINESS DOCUMENTATION (FAA use only)	☒	A. Operating Limitations and Markings in compliance with 14 CFR section 91.9, as applicable			G. Statement of Conformity, FAA Form 8130-9 <i>(Attach when required)</i>	
	☒	B. Current Operating Limitations Attached			H. Foreign Airworthiness Certification for Import Aircraft <i>(Attach when required)</i>	
	☒	C. Data, Drawings, Photographs, etc <i>(Attach when required)</i>			I. Previous Airworthiness Certificate Issued in Accordance with 14 CFR section 21.183(a) CAR _____ <i>(Original Attached)</i>	
	☒	D. Current Weight and Balance Information Available in Aircraft			☒	J. Current Airworthiness Certificate Issued in Accordance with 14 CFR section 21.191 (b) <i>(Copy Attached)</i>
	☒	E. Major Repair and Alteration, FAA Form 337 <i>(Attach when required)</i>				
	☒	F. This Inspection Recorded in Aircraft Records				

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
SPECIAL AIRWORTHINESS CERTIFICATE

A	CATEGORY/DESIGNATION	EXPERIMENTAL	
	PURPOSE	SHOW COMPLIANCE WITH GER'S	
B	MANU-FACTURER	NAME	N/A
		ADDRESS	N/A
C	FLIGHT	FROM	SEE OPERATING LIMITATIONS
		TO	DATED 7-13-04
D	N- 924GA	SERIAL NO	5024
	BUILDER GULFSTREAM	MODEL	GV-SP
E	DATE OF ISSUANCE	7-13-04	EXPIRY 8-12-04
	OPERATING LIMITATIONS DATED	7-13-04	ARE A PART OF THIS CERTIFICATE
	SIGNATURE OF FAA REPRESENTATIVE	DESIGNATION OR OFFICE NO.	
	JAMES D. PRENTISS	DAS-100271-NM	

Any alteration, reproduction or misuse of this certificate may be punishable by a fine not exceeding \$1000 or imprisonment not exceeding 3 years, or both. THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT IN ACCORDANCE WITH APPLICABLE FEDERAL AVIATION REGULATIONS.

A	This airworthiness certificate is issued under the authority of the Federal Aviation Act of 1958 and the Federal Aviation Regulations (FAR).
B	This airworthiness certificate authorizes the manufacturer named on the reverse side to conduct production flight tests, and only production flight tests, of aircraft registered in his name. No person may conduct production flight tests under this certificate: (1) Carrying persons or property for compensation or hire; and/or (2) Carrying persons not essential to the purpose of the flight.
C	This airworthiness certificate authorizes the flight specified on the reverse side for the purpose shown in Block A.
D	This airworthiness certificate certifies that, as of the date of issuance, the aircraft to which issued has been inspected and found to meet the requirements of the applicable FAR. The aircraft does not meet the requirements of the applicable comprehensive and detailed airworthiness code as provided by Annex 8 to the Convention On International Civil Aviation. No person may operate the aircraft described on the reverse side: (1) except in accordance with the applicable FAR and in accordance with conditions and limitations which may be prescribed by the Administrator as part of this certificate; (2) over any foreign country without the special permission of that country.
E	Unless sooner surrendered, suspended, or revoked, this airworthiness certificate is effective for the duration and under the conditions prescribed in FAR Part 21, Section 21.181 or 21.217.

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION—FEDERAL AVIATION ADMINISTRATION
STANDARD AIRWORTHINESS CERTIFICATE

1 NATIONALITY AND REGISTRATION MARKS	2 MANUFACTURER AND MODEL	3 AIRCRAFT SERIAL NUMBER	4 CATEGORY
N924GA	Gulfstream GV-SP (G550)	5024	Transport
5 AUTHORITY AND BASIS FOR ISSUANCE This airworthiness certificate is issued pursuant to the Federal Aviation Act of 1958 and certifies that, as of the date of issuance, the aircraft to which issued has been inspected and found to conform to the type certificate therefor, to be in condition for safe operation, and has been shown to meet the requirements of the applicable comprehensive and detailed airworthiness code as provided by Annex 8 to the Convention on International Civil Aviation, except as noted herein. Exceptions Exemption No. 7946 25.813 (e) Door Between Passenger Compartments Exemption No. 8004 25.901 (c) Single Failure Criteria			
6 TERMS AND CONDITIONS Unless sooner surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator, this airworthiness certificate is effective as long as the maintenance, preventative maintenance, and alterations are performed in accordance with Parts 21, 43, and 91 of the Federal Aviation Regulations, as appropriate, and the aircraft is registered in the United States			
DATE OF ISSUANCE	FAA REPRESENTATIVE	DESIGNATION NUMBER	
01/19/2004	 Robert L. Kindle II	ODARF100127CE	
Any alteration, reproduction, or misuse of this certificate may be punishable by a fine not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT IN ACCORDANCE WITH APPLICABLE FEDERAL AVIATION REGULATIONS			

FAA Form 8100-2 (8-82)

* U.S. G.P.O.:1999 769-017

I find that the aircraft meets the requirements for, and have reinstated the standard airworthiness certificate shown above in accordance with FAA order 8130.29 dated 4-23-02.



US Department of Transportation
Federal Aviation Administration

**Los Angeles - Manufacturing
Inspection District Office**

3960 Paramount Blvd.
Lakewood, CA 90712-4137

EXPERIMENTAL OPERATING LIMITATIONS
SHOWING COMPLIANCE WITH REGULATIONS

N924GA

S/N: 5024

MODEL: GV-SP

1. No person may operate this aircraft unless Form 8130-7 is displayed at the cabin or cockpit entrance and visible to passengers or flightcrew members.
2. No person may operate this aircraft for other than the purpose of Showing Compliance with Regulations, to accomplish the flight operation outlined in the program letter dated July 13, 2004 which describes compliance with Title 14 CFR part 21.193(d), and has been made available to the pilot in command of the aircraft. In addition, this aircraft must be operated in accordance with applicable air traffic and general operating rules of the Title 14 CFR part 91, any special NOTAMS and or temporary flight restrictions imposed, and all additional limitations herein prescribed under the provisions of the Title 14 CFR part 91.319(e).
3. All flights must be conducted within the geographical area described as follows: In the warning areas identified as W291, W289 and R2515 only if prior permission is obtained by the using or controlling agency as required by Title 14 CFR part 91.133 (a), also in a easterly direction to the Albuquerque, NM VOR waypoint and back to KLGB and in a northerly direction to the Point Reyes, CA VOR waypoint, not to exceed 1500 nautical miles of Long Beach Municipal Airport defined as the base of operations for flight tests conducted under this experimental special airworthiness certificate. The designated area must be over open water or sparsely populated areas having light air traffic except for take-off and landings this aircraft must not be operated over densely populated areas or in congested airways. The size of the area must be that required to safely conduct the type of anticipated maneuvers and tests. Alternate airports that may be used for takeoffs and landings are: Palm Springs California (KPSP) and Victorville California (KVCV).
4. When changing between operating purposes of a multiple-purpose certificate, the operator must determine that the aircraft is in a condition for safe operation and appropriate for the purpose intended. A record entry will be made by an appropriately rated person to document that finding in the aircraft logbook.
5. This aircraft must not be operated unless it is inspected and maintained in accordance with appropriate military technical publications and/or manufacturer's recommendations. The owner/operator must select, establish, identify, and use an inspection program as set forth in the Title 14 CFR part 91.409(e), (f), (g), and (h). This inspection program must be recorded in the aircraft maintenance records.
6. The pilot in command of this aircraft must hold an appropriate category/class rating. If required for the type of aircraft to be flown, the pilot in command also must hold either an appropriate type rating or a letter of authorization issued by an FAA Flight Standards Operations Inspector.
7. This aircraft may be operated under VFR, day and/or night.
8. This aircraft may be operated under IFR, and must be properly equipped for instrument flight in accordance with the Title 14 CFR part 91.205. All systems must be verified and tested under VMC prior to IMC operations.
9. No person may operate this aircraft for carrying persons or property for compensation or hire.

EXPERIMENTAL OPERATING LIMITATIONS
SHOWING COMPLIANCE WITH REGULATIONS

N924GA

S/N: 5024

MODEL: GV-SP

10. No person may be carried in this aircraft during flight unless that person is essential to the purpose of the flight.
11. The pilot in command of this aircraft must advise each passenger of the experimental nature of this aircraft, and explain that it does not meet the certification requirements of a standard certificated aircraft.
12. This aircraft must contain the placards, markings, and flight manual supplements, etc., (or other operating instructions developed for an STC modification) required by Title 14 CFR part 91.9.
13. This aircraft is prohibited from aerobatic flight, that is, an intentional maneuver involving an abrupt change in the aircraft's attitude, an abnormal attitude, or abnormal acceleration not necessary for normal flight, except for stalls identified in Gulfstream's flight test document Quality Assurance Procedure QAP 9.5 revision 2.
14. This aircraft may conduct aerobatic flight in accordance with Title 14 CFR part 91.303. Aerobatics must not be attempted until sufficient flight experience has been gained to establish that the aircraft is satisfactorily controllable and in compliance with Title 14 CFR part 91.319(b). Aerobatic maneuvers intended to be performed must be satisfactorily accomplished and recorded in the aircraft records during the flight test period.
15. This aircraft must not be used for glider towing, banner towing or intentional parachute jumping.
16. No person must operate this aircraft unless within the preceding 12 calendar months it has had a condition inspection performed in accordance with appendix D to part 43, or other FAA-approved programs, and was found to be in a condition for safe operation. This inspection will be recorded in the aircraft maintenance records.
17. Only FAA-certificated mechanics with appropriate ratings as authorized by the Title 14 CFR part 43.3 may perform inspections required by these operating limitations.
18. Inspections must be recorded in the aircraft maintenance records showing the following, or a similarly worded statement: "I certify that this aircraft has been inspected on (insert date) in accordance with the scope and detail of appendix D to part 43, or other FAA-approved programs and found to be in a condition for safe operation." The entry will include the aircraft total-time-in-service, and the name, signature, certificate number, and type of certificate held by the person performing the inspection.
19. If aircraft, engine, or propeller operating limitations are exceeded, an appropriate entry will be made in the aircraft records.
20. This aircraft must not be operated unless it is maintained and inspected in accordance with the requirements of the Title 14 CFR part 43.
21. This aircraft must display the word "EXPERIMENTAL" in accordance with the Title 14 CFR part 45.23(b).
22. The pilot in command of this aircraft must notify air traffic control of the experimental nature of this aircraft when operating into or out of airports with operating control towers. The pilot in command must plan routing that will avoid densely populated areas and congested airways when operating VFR.

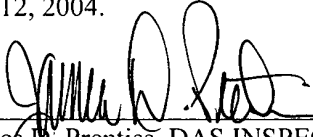
EXPERIMENTAL OPERATING LIMITATIONS
SHOWING COMPLIANCE WITH REGULATIONS

N924GA

S/N: 5024

MODEL: GV-SP

23. This aircraft does not meet the requirements of the applicable, comprehensive and detailed airworthiness code as provided by Annex 8 to the Convention on International Civil Aviation. The owner/operator of this aircraft must obtain written permission from another country's CAA prior to operating this aircraft in or over that country. That written permission must be carried aboard the aircraft together with the U.S. airworthiness certificate and, upon request, be made available to an FAA inspector or the CAA in the country of operation.
24. Aircraft instruments and equipment installed and used under the Title 14 CFR Part 91.205 must be inspected and maintained in accordance with the requirements of the Title 14 CFR Part 43 and 91. Any maintenance or inspection of this equipment must be recorded in the aircraft maintenance records.
25. Application must be made to the responsible DAS for any revision of these operating limitations.
26. Section 47.45 requires that the FAA Aircraft Registry must be notified within 30 days of any change in the aircraft registrant's address. Such notification is to be made by submitting Form 8050-1 to AFS-750 in Oklahoma City, Oklahoma.
27. These limitations must be coordinated with the local Flight Standards District Office having responsibility for the geographical area of operation.
28. Special airworthiness certificate FAA form (8130-7) issued July 13, 2004 is invalid after date of August 12, 2004.


James D. Prentiss, DAS INSPECTION AR
Gulfstream Aerospace Corporation
DAS-100271-NM

7-13-2004
Date

INSTRUCTIONS

1. List the FAA assigned project number along with date of TIA or Request for Conformity, as applicable.
2. Self-explanatory
3. List the applicant or the manufacturer, of both. (The manufacturer may be the party producing or responsible for the product).
4. List the date type inspection began
5. List the date the inspection ended.
6. If inspecting an aircraft, list the make, model, N-number, and serial number. For an engine or propeller, list the make, model and serial number.
7. Aviation safety inspectors must type or print name, sign and enter office identification. Designees must type or print name, sign, and list their designee identification number.
8. Assign consecutive numbers for each item inspected.
9. List the name or description of the part, appliance, assembly, drawing, document, specification, or name of the process being evaluated.
10. List the technical data that describes the item listed in Block 9 i.e., drawing number, document number, process specification number, etc.
11. List the revision level and date of the technical data described in Block 10.
12. List the number of items that were determined satisfactory or unsatisfactory. Do not record individual characteristics. **NOTE:** (An item is a single article or unit containing one or more dimensional characteristics or features.)
13. Enter comments in this block that will support any information given in Blocks 8 through 12. i.e., unsatisfactory conditions, corrective actions taken, reference to other item numbers listed, serial numbers, type of inspection accomplished, destination of exported products, buyer furnished equipment, parts processed through manufacturer's maintenance facility, part new or newly overhauled, condition of part or assembly, etc.
14. To be used for supplementing items 1-13.

NOTE: Unsatisfactory conditions are corrected in one of two ways:

Method 1: If action is presented to correct an unsatisfactory condition, the action is entered in Block 13 and the number in the UNSAT column of Block 12 is lined through and initialed. The number of items now determined satisfactory is entered in the SAT column next to the corrective action entry.

Method 2: If corrective action is not presented, the inspector may continue the inspection by entering the next item inspected. When corrective action to the unsatisfactory condition is eventually presented, assign the item a new number and record the number in Block 8. Complete Blocks 9 and 10, enter a new revision and date if data has changed, and enter the number of items determined satisfactory in Block 12. Record both the corrective action taken and the item number of the unsatisfactory condition in Block 13. Place the item number in parenthesis. Next, line through and initial the number in the UNSAT column located next to Block 13 containing the unsatisfactory condition. Record the corrective action entry item number along with the unsatisfactory condition statement and place the number in parenthesis.

14. Continuation Block

INSTRUCTIONS

1. List the FAA assigned project number along with date of TIA or Request for Conformity, as applicable.
2. Self-explanatory
3. List the applicant or the manufacturer, of both. (The manufacturer may be the party producing or responsible for the product).
4. List the date type inspection began
5. List the date the inspection ended.
6. If inspecting an aircraft, list the make, model, N-number, and serial number. For an engine or propeller, list the make, model and serial number.
7. Aviation safety inspectors must type or print name, sign and enter office identification. Designees must type or print name, sign, and list their designee identification number.
8. Assign consecutive numbers for each item inspected.
9. List the name or description of the part, appliance, assembly, drawing, document, specification, or name of the process being evaluated.
10. List the technical data that describes the item listed in Block 9 i.e., drawing number, document number, process specification number, etc.
11. List the revision level and date of the technical data described in Block 10.
12. List the number of items that were determined satisfactory or unsatisfactory. Do not record individual characteristics. **NOTE:** (An item is a single article or unit containing one or more dimensional characteristics or features.)
13. Enter comments in this block that will support any information given in Blocks 8 through 12, i.e., unsatisfactory conditions, corrective actions taken, reference to other item numbers listed, serial numbers, type of inspection accomplished, destination of exported products, buyer furnished equipment, parts processed through manufacturer's maintenance facility, part new or newly overhauled, condition of part or assembly, etc.
14. To be used for supplementing items 1-13.

NOTE: Unsatisfactory conditions are corrected in one of two ways:

Method 1: If action is presented to correct an unsatisfactory condition, the action is entered in Block 13 and the number in the UNSAT column of Block 12 is lined through and initialed. The number of items now determined satisfactory is entered in the SAT column next to the corrective action entry.

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14. Continuation Block



U.S. Department
of Transportation
Federal Aviation
Administration

MAJOR REPAIR AND ALTERATION
(Airframe Powerplant, Propeller, or Appliance)

Form Approval
OMB No. 2120-0020

For FAA Use Only

Office Identification

WP-05

INSTRUCTIONS. Print or type all entries. See FAR 43.9 FAR 43 Appendix B, and AC43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.U. 1421). Failure to report can result in a civil penalty not to exceed \$1,000 for each such violation (Section 901 Federal Aviation Act of 1958).

1. Aircraft	Make GULFSTREAM	Model GV-SP (G550)
	Serial No. 5024	Nationality and Registration Marks N924GA
2. Owner	Name (As shown on registration Certificate) GULFSTREAM AEROSPACE CORPORATION	Address (As shown on registration certificate) 500 GULFSTREAM ROAD MSC B-16 SAVANNAH, GA. 31408-9643

3. For FAA Use Only

4. Unit Identification				5. type	
Unit	Make	Model	Serial no.	Repairs	Alterations
Airframe	(As described in item 1 above)				X
Powerplant					
Propeller					
Appliance	Type				
	Manufacturer				

6. Conformity

A. Agency's Name and Address GULFSTREAM AEROSPACE CORPORATION 4150 DONALD DOUGLAS DRIVE LONG BEACH, CA 90808	B. Kind of Agency ☐ U.S. Certificated Mechanic ☐ Foreign Certificated Mechanic ☒ Certificated Repair Station ☐ Manufacturer	C. Certificate No. FAA CRS EC3R470L Airframe Class 4, Limited Powerplant, Limited Accessory, Radio Class 1, 2, 3 Limited NDT
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D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Date JULY 25, 2004	Signature of Authorized Individual JIM RAPP, AIRWORTHINESS INSPECTOR
-----------------------	---

7. Approval for Return To Service

Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is ☒ APPROVED ☐ REJECTED

BY	FAA Flt. Standards Inspector	Manufacturer	Inspection Authorization	Other (Specify)
	FAA Designee	X Repair Station	Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection JULY 25, 2004		Certificate or Designation No. FAA CRS EC3R470L	Signature of Authorized Individual JEFFREY A. DENLER, QUALITY ANALYST	

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alteration to assure continued conformity with the applicable airworthiness requirements

8. Description of Work Accomplished:

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed).

AIRCRAFT MODEL: GV-SP (G550)

AIRCRAFT SERIAL NO: 5024

AIRCRAFT REGISTRATION NO: N924GA

AIRCRAFT TIME SINCE NEW: 46.5

AIRCRAFT CYCLES SINCE NEW: 29

PAGE 2 OF 3

REFERENCE: GULFSTREAM AEROSPACE CORPORATION WORK ORDER NO. 2268-5024

THE FOLLOWING SYSTEMS WERE INSTALLED PER THE SUPPLEMENTAL TYPE CERTIFICATE SHOWN. MINOR DEVIATIONS, WHERE NECESSARY, ARE SHOWN ON THE DEVIATION DATA INDICATED. THE FLIGHT MANUAL SUPPLEMENTS WERE ADDED TO THE AIRPLANE FLIGHT MANUAL AS REQUIRED.

<u>ITEM SYSTEM</u>	<u>ORIGINAL STC</u>	<u>ORIGINAL CERTIFICATION DATA</u>	<u>DEVIATION DATA</u>	<u>AFMS</u>
1) ACOUSTIC LINER INSTALLATION (GAC)	ST01374LA-D	IL GC528268003	GC528266126	N/A
2) WINDOW SHADE INSTL. (GAC)	ST01376LA-D	IL GC522168001	GC515066016	N/A
3) OXYGEN SYSTEM (GAC)	ST02696AT-D	IL GC514538000	GC527126104 GC514536097	GC51453M003
4) EMERGENCY LIGHTING (GAC)	ST02697AT-D	IL GC514868002	GC528566010 GC514866214	N/A
5) AIRSHOW CABIN MGMT. SYS. (ACMS) (GAC)	ST01375LA-D	IL GC515028004-501	GC545026001 GC515026002	N/A
6) EXTERNAL CAMERA SYSTEM (GAC)	ST01373LA-D	IL GC515058010-501, -503, -505 AND -507	GC515056027	GC51505M007
7) 18-PASSENGER CABIN INTERIOR (GAC)	ST01513LA-D	IL GC520008179	N/A	GC51605M000

INTERIOR FURNISHING MATERIAL AS NOTED IN JOHN R. COLAO FLAMMABILITY REPORT NO. 6740 REV "A" DATED 6-8-04 INSTALLED AS PART OF THE CABIN INTERIOR STC ST01513LA-D MEETS THE FLAMMABILITY REQUIREMENTS OF THE CFR TITLE 14 PARTS 25.853 & 25.855.

ALL SEAT CUSHIONS AS NOTED IN ACCUFLEET INC. TEST REPORT NO. 119-04 TR, REV. IR DATED JUNE 29, 2004 INSTALLED AS PART OF THE CABIN INTERIOR STC ST01513LA-D MEET THE FIREBLOCKING REQUIREMENTS OF THE CFR TITLE 14 PART 25.853(C), TSO C-127 TYPE A & TSO C-39B TYPE I.

NOTE: CLEANING OF INTERIOR FABRICS AND MATERIALS MAY AFFECT THE FLAME RETARDANT CHARACTERISTICS REQUIRED BY THE CFR TITLE 14 PART 25.853 & 25.855.

RECEIVED

SEP - 2004

LGB FSDO

☒ Additional Sheets Are Attached

AIRCRAFT MODEL: GV-SP (G550)
AIRCRAFT SERIAL NO: 5024
AIRCRAFT REGISTRATION NO: N924GA

AIRCRAFT TIME SINCE NEW: 46.5
AIRCRAFT CYCLES SINCE NEW: 29
PAGE 3 OF 3

FOR MAINTENANCE REQUIREMENTS, INSTRUCTIONS FOR CONTINUED AIRWORTHINESS IN ACCORDANCE WITH THE CFR TITLE 14 PART 25.1529 CONSULT THE GULFSTREAM GV-SP (G550) MAINTENANCE MANUALS, COMPLETION CENTER WIRING DIAGRAM MANUAL OR BELOW LISTED GULFSTREAM DOCUMENT NO'S:

- 1) ACOUSTIC LINER INSTALLATION (STC ST01374LA LA-D) DOC NO. GC52916A009
- 2) WINDOW SHADE INSTL (STC ST01376LA-D) DOC NO. GC52916A010
- 3) OXYGEN SYSTEM (STC ST02696AT-D) DOC NO. GC51453A003
- 4) EMERGENCY LIGHTING (STC ST02697AT-D) DOC NO. GC51486A002
- 5) AIRSHOW CABIN MGMT. SYS. (ACMS) (STC ST01375LA-D) DOC NO. GC52502A002
- 6) EXTERNAL CAMERA SYSTEM (STC ST01373LA-D) DOC NO. GC52916A008
- 7) 18-PASSENGER CABIN INTERIOR (STC ST01513LA-D) DOC NO. GC52801A306

INSTALLED THE FOLLOWING MODIFICATIONS, INCLUDING BUT NOT LIMITED TO THE: ENTERTAINMENT SYSTEM, LIGHTING SYSTEM, WATER AND WASTE SYSTEMS, CABIN ENVIRONMENTAL CONTROL SYSTEM, GALLEY AND LAV AMENITIES, CABIN ELECTRICAL SYSTEM, SECURITY SYSTEM, AND COMMUNICATIONS SYSTEM, IN ACCORDANCE WITH THE FOLLOWING GULFSTREAM AEROSPACE CORPORATION DATA LISTS:

- 1) AVIONICS MECHANICAL & INTERIOR MODIFICATIONS DL GC520008139 REV "H" DATED 7-23-04.
- 2) AVIONICS AND ELECTRICAL MODIFICATIONS DL GC514960225 REV "F" DATED 7-23-04.

REFERENCE THE ABOVE LISTED DATA LISTS FOR THE DETAILS OF THE MODIFICATIONS PERFORMED.

REFERENCE GAC DOCUMENT NO. GC51801A040 AND GC52801A327 FOR MAINTENANCE REQUIREMENTS AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS. THE INSTALLED EQUIPMENT IS REQUIRED TO BE OPERATIONAL UNLESS SPECIFICALLY LISTED ON THE M.E.L. FOR THE AIRCRAFT.

ACCOMPLISHED AN EVALUATION OF THE CHANGES TO THE COCKPIT CONFIGURATION AS REQUIRED BY TCDS A12EA, NOTE 12. IN ACCORDANCE WITH THE FOLLOWING GULFSTREAM AEROSPACE CORPORATION DRAWINGS. FAA FORM 8110-3 DATA APPROVAL BY FAA DERY-606455-NM (FLIGHT TEST PILOT):

- 1) INSTRUMENT PANEL LAYOUT, DWG NO. GC514040160 REV "N/C" DATED 12/04/03
- 2) PEDESTAL LAYOUT, DWG NO. GC514050135 REV "A" DATED 4/01/04
- 3) OVERHEAD PANEL LAYOUT, DWG NO. GC514080151 REV "N/C" DATED 12/04/03

INSTALLED THE FOLLOWING MAJOR GULFSTREAM AEROSPACE CORPORATION AIRCRAFT SERVICE CHANGES:

- 1) ASC 19 ENGINE FUEL AND CONTROL (ATA 73) - FADEC MODIFICATION TO S2.1 (12-19-03)
- 2) ASC 036 INDICATING / RECORDING (ATA 31) HONEYWELL PLANEVIEW AVIONICS - ENHANCEMENT

AIRCRAFT HAS BEEN WEIGHED, AND THE WEIGHT & BALANCE MANUAL AND EQUIPMENT LIST HAS BEEN REVISED. REF: GULFSTREAM AEROSPACE CORPORATION REPORT NO. GC550WR5024

ACCOMPLISHED AN ELECTRICAL LOAD ANALYSIS AND STRUCTURAL STRESS ANALYSIS REF: GULFSTREAM AEROSPACE CORPORATION REPORT NO. GC514696218 AND GC524965024.

FAA FORM 8110-3 DATA APPROVAL BY FAA DER DERT-605090-NM (STRUCTURES) & FAA DER DERT-605048-NM (SYSTEMS & EQUIPMENT) & FAA DER DERT-605009-NM (SYSTEMS & EQUIPMENT) & FAA DER DERT-605565-NM (STRUCTURES).

ACCOMPLISHED AN EVALUATION OF THE INTER-RELATIONSHIP BETWEEN THE SYSTEMS LISTED ABOVE AND THE TYPE CERTIFICATED PRODUCT IN ACCORDANCE WITH THE CFR TITLE 14 PART 25.1301 (d), 25.1431 (c) AND THEY HAVE BEEN FOUND TO BE OPERATING SATISFACTORILY AND THAT THERE IS NO ADVERSE EFFECT ON ANY OTHER COMPONENT, SYSTEM OR THE AIRWORTHINESS OF THIS AIRCRAFT.

INSTALLATION OF ABOVE LISTED MODIFICATIONS COVERED ON GULFSTREAM AEROSPACE CORPORATION MASTER INDEX LIST IL GC514910003 REV "J" DATED 7-25-04.

--- THE END ---

☐ Additional Sheets Are Attached

United States Of America
Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate

Number ST01374LA-D

This Certificate issued to Gulfstream Aerospace Corporation
4150 Donald Douglas Drive
Long Beach, California 90808

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified herein meets the airworthiness requirements of Part 25* of the Federal Aviation Regulations. *Certification basis is set forth in Type Certificate Data Sheet TCDS

Original Product Type Certificate Number: A12EA

Make: Gulfstream

Model: GV-SP

Description of Type Design Change: Installation of Nordam Acoustic Liner in accordance with approved Gulfstream Aerospace Corporation Index List GC528268003, Revision "E", dated August 18, 2003 or later approved revision.

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

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.

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: February 6, 2003

Date received:

Date of issuance: August 20, 2003

Date issued:

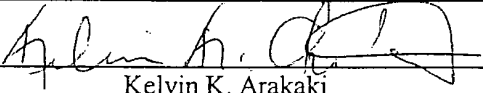


By direction of the Administrator

[Signature]
(Signature)

Randall A. Wood
DAS Administrator, DAS-100271-NM
(Title)

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

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		DATE 27-July-04	
STATEMENT OF COMPLIANCE WITH THE FEDERAL AVIATION REGULATIONS			
AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION			
MAKE	MODEL NO.	TYPE (Airplane, Radio, Helicopter, etc.)	NAME OF APPLICANT
Gulfstream Aerospace	GV-SP	Airplane (T.C. A12EA)	Gulfstream Aerospace Corp.
LIST OF DATA			
IDENTIFICATION	TITLE		
<u>GAC DOCUMENT:</u> GC528266126 Rev. "-" (Dated 19-Jan-04)	Deviation Data List - Acoustic Liner		
This approval indicates the data listed above demonstrates compliance only with the regulations specified by paragraph and subparagraph listed below as "Applicable Requirements." (Compliance to additional regulations not listed here may be required.) This form (does not) constitute FAA approval of all the data necessary for substantiation of compliance to necessary requirements for the entire alteration/repair.			
(DETAIL DESIGN APPROVAL ONLY)			
PURPOSE OF DATA			
To support FAA form 337 for minor installation deviations to STC ST01374LA-D for Serial Number 5024 only.			
APPLICABLE REQUIREMENTS (List specific sections)			
FAR 25.1301(a), (b).			
CERTIFICATION - Under authority vested by direction of the Administrator and in accordance with conditions and limitations of appointment under Part 183 of the Federal Aviation Regulations, data listed above and on attached sheets numbered _____ have been examined in accordance with established procedures and found to comply with applicable requirements of the Federal Aviation Regulations.			
I (We) Therefore ☐ Recommend Approval of these data ☒ Approve these data			
SIGNATURE(S) OF DESIGNATED ENGINEERING REPRESENTATIVE(S)		DESIGNATION NUMBER(S)	CLASSIFICATION
 Kelvin K. Arakaki		DERT-605009-NM	Systems and Equipment-Mech

United States of America
Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate

Number ST01376LA-D

This Certificate issued to Gulfstream Aerospace Corporation
4150 Donald Douglas Drive
Long Beach, California 90808

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified herein meets the airworthiness requirements of Part 25* of the Federal Aviation Regulations. *Certification basis is set forth in Type Certificate Data Sheet TCDS

Original Product Type Certificate Number: A12EA

Make: Gulfstream

Model: GV-SP

Description of Type Design Change: Installation of Aerospace Technologies Group (ATG) Cabin Window Shades in accordance with approved Gulfstream Aerospace Corporation Index List GC522168001, Revision "J", dated August 19, 2003 or later approved revision.

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. The approval of this modification applies to the above-noted airplane model series only. A copy of this STC must be included in the permanent records of the modified aircraft. 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.

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: February 7, 2003

Date received:

Date of issuance: August 20, 2003

Date amended:



By direction of the Administrator

Randall A. Wood
(Signature)

Randall A. Wood
DAS Administrator, DAS-100271-NM
(Title)

United States of America
Department of Transportation -- Federal Aviation Administration

Supplemental Type Certificate

Number ST02696AT-D

This certificate issued to Gulfstream Aerospace Corporation
P.O. Box 2206
Savannah, Georgia 31402-2206

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: A12EA
Make: Gulfstream
Model: GV-SP

Description of Type Design Change Installation of a Passenger Oxygen System in accordance with Gulfstream Aerospace Corporation Index List GC514538000, Revision B, dated August 05, 2003, or later FAA approved revision. FAA approved Airplane Flight Manual Supplement, GC51453M003, Revision NC, dated August 19, 2003, or later FAA approved revision is required.

Limitations and Conditions Compatibility of this design change with previously approved modifications must be determined by the installer. 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.

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 : February 17, 2003

Date reissued:

Date of issuance : August 19, 2003

Date amended:



By direction of the Administrator

(Signature)

Jose Mora-Vargas
DAS Administrator
DAS-511131-CE

(Title)

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

FAA FORM 8110-2 (10-68) PAGE 1 OF 1 PAGES

This certificate may be transferred in accordance with FAR 21.47.

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
STATEMENT OF COMPLIANCE WITH THE FEDERAL AVIATION REGULATIONS

DATE June 30, 2004

AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION

MAKE Gulfstream Aerospace	MODEL NO. GV-SP	TYPE (Airplane, Radio, Helicopter, etc.) Airplane	NAME OF APPLICANT Gulfstream Aerospace Corp.
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LIST OF DATA

IDENTIFICATION	TITLE
<u>GAC DRAWINGS:</u> GC51 453 6097 Rev. "A"	Deviation Data List - Oxygen System
This approval indicates the data listed above demonstrates compliance only with the regulations specified by paragraph and subparagraph listed below as "Applicable Requirements". (Compliance to additional regulations not listed here may be required.) This form does not constitute FAA approval of all the data necessary for substantiation of compliance to necessary requirements for the entire alteration/repair.	
(AVIONICS SYSTEMS DATA APPROVAL ONLY)	

PURPOSE OF DATA

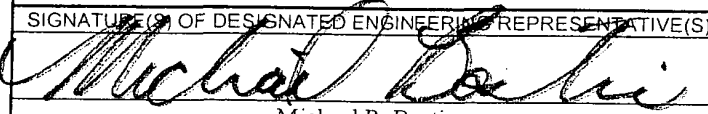
Substantiates minor wiring deviations to STC ST02696AT-D. Aircraft S/N 5024 only.

APPLICABLE REQUIREMENTS (List specific sections)

FAR 25.1301(a)(b)(c), 25.1309(b), 25.1353(a), and 25.1431(c)

CERTIFICATION - Under authority vested by direction of the Administrator and in accordance with conditions and limitations of appointment under Part 183 of the Federal Aviation Regulations, data listed above and on attached sheets numbered _____ have been examined in accordance with established procedures and found to comply with applicable requirements of the Federal Aviation Regulations.

I (We) Therefore ☐ Recommend Approval of these data
☒ Approve these data

SIGNATURE(S) OF DESIGNATED ENGINEERING REPRESENTATIVE(S)	DESIGNATION NUMBER(S)	CLASSIFICATION
 Michael R. Bostic	DERT-605048-NM	Systems & Equipment Chart C2

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		DATE 25 July 2004	
STATEMENT OF COMPLIANCE WITH THE FEDERAL AVIATION REGULATIONS			
AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION			
MAKE Gulfstream Aerospace	MODEL NO. GV-SP	TYPE (<i>Airplane, Rotor, Helicopter, etc.</i>) Airplane	NAME OF APPLICANT Gulfstream Aerospace Corp.
LIST OF DATA			
IDENTIFICATION		TITLE	
GAC Drawings: GC527126104 Rev. NC, Dated: 1-19-04		Deviation Index List - Oxygen System NOTES: (1) This approval is limited to structural aspect of the above listed design data only. (2) This approval is for Deviation Index List only. (3) Modification was performed under Gulfstream Aerospace Part 145 Repair Station at Long Beach, CA. (4) This modification and installation were coordinated between Gulfstream and their PMI. (5) This approval indicates the data listed above demonstrates compliance only with the regulations specified by paragraph and subparagraph listed below as "Applicable Requirements". COMPLIANCE TO ADDITIONAL REGULATIONS NOT LISTED HERE MAY BE REQUIRED. This Form DOES NOT constitute FAA approval of all the data necessary for substantiation of compliance to necessary requirements for the entire alteration / repair. End of data.	
PURPOSE OF DATA In Support of Form 337 Alteration, Oxygen Equipment Layout, Substantiate Deviations to STC ST02696AT-D, Aircraft S/N 5024 only.			
APPLICABLE REQUIREMENTS (<i>List specific sections</i>) FAR: 25.301, 25.303, 25.305(a)(b), 25.307(a), 25.561, 25.603, 25.605, 25.607, 25.613, 25.789.			
CERTIFICATION - Under authority vested by direction of the Administrator and in accordance with conditions and limitations of appointment under Part 183 of the Federal Aviation Regulations, data listed above and attached sheets numbered _____ have been examined in accordance with established procedures and found to comply with applicable requirements of the Federal Aviation Regulations. I / We Therefore ☐ Recommend approval of these data ☒ Approve these data			
SIGNATURE(S) OF DESIGNATED ENGINEERING REPRESENTATIVE(S)		DESIGNATION NUMBER(S)	CLASSIFICATION (S)
EVERRETT Y. CHOW <i>Everett Y. Chow</i>		DERT-605090-NM	STRUCTURES

United States of America
Department of Transportation -- Federal Aviation Administration

Supplemental Type Certificate

Number ST02697AT-D

This certificate issued to Gulfstream Aerospace Corporation
P.O. Box 2206
Savannah, Georgia 31402-2206

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: A12EA

Make: Gulfstream
Model: GV-SP

Description of Type Design Change Installation of Interior Emergency Lights in accordance with Gulfstream Aerospace Corporation Index List GC51 4868002, Rev. B, dated August 06, 2003, or later FAA approved revision.

Limitations and Conditions: Compatibility of this design change with previously approved modifications must be determined by the installer. 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.

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 : April 07, 2003

Date of issuance : August 20, 2003

Date reissued:

Date amended:

By direction of the Administrator

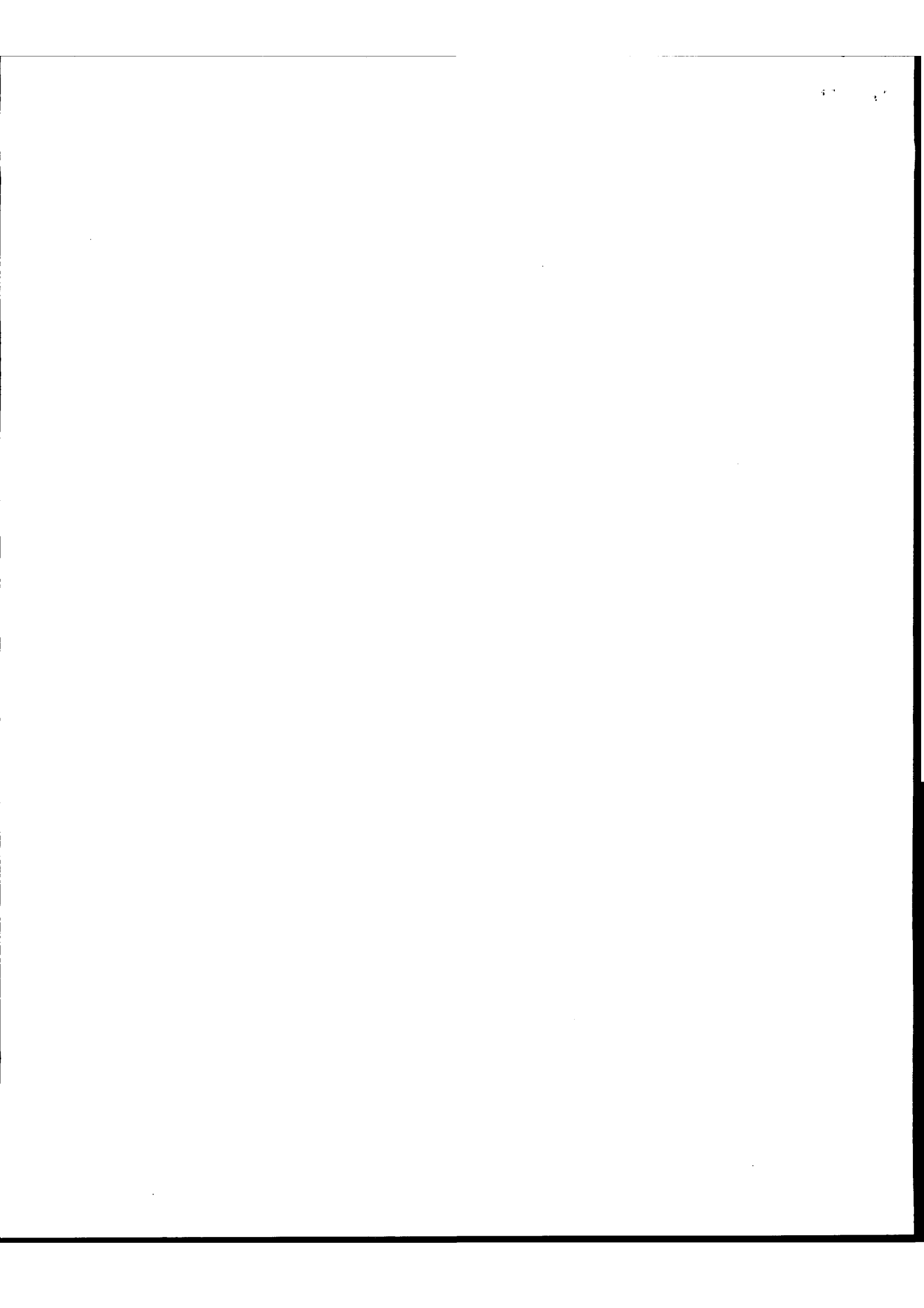


(Signature)
Jose Mora-Vargas
DAS Administrator
DAS-511131-CE

(Title)

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 in accordance with FAR 21.47.
FAA Form 3310-2 (10-66) PAGE 1 OF 1 PAGES

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION			DATE <u>July 23, 2004</u>
STATEMENT OF COMPLIANCE WITH THE FEDERAL AVIATION REGULATIONS			
AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION			
MAKE Gulfstream Aerospace	MODEL NO. GV-SP	TYPE (Airplane, Radio, Helicopter, etc.) Airplane	NAME OF APPLICANT Gulfstream Aerospace Corp.
LIST OF DATA			
IDENTIFICATION	TITLE		
<u>GAC DRAWINGS:</u> GC51 486 6214 Rev. "D"	Deviation Data List - Interior Emergency Lighting		
This approval indicates the data listed above demonstrates compliance only with the regulations specified by paragraph and subparagraph listed below as "Applicable Requirements". (Compliance to additional regulations not listed here may be required.) This form does not constitute FAA approval of all the data necessary for substantiation of compliance to necessary requirements for the entire alteration/repair.			
(AVIONICS SYSTEMS DATA APPROVAL ONLY)			
PURPOSE OF DATA			
Substantiates minor wiring deviations to STC ST02697AT-D. Aircraft S/N 5024 only.			
APPLICABLE REQUIREMENTS (List specific sections)			
FAR 25.1301(a)(b)(c), 25.1309(b) and 25.1431(c)			
CERTIFICATION - Under authority vested by direction of the Administrator and in accordance with conditions and limitations of appointment under Part 183 of the Federal Aviation Regulations, data listed above and on attached sheets numbered _____ have been examined in accordance with established procedures and found to comply with applicable requirements of the Federal Aviation Regulations.			
I (We) Therefore ☐ Recommend Approval of these data ☒ Approve these data			
SIGNATURE(S) OF DESIGNATED ENGINEERING REPRESENTATIVE(S)		DESIGNATION NUMBER(S)	CLASSIFICATION
 Michael R. Bostic		DERT-605048-NM	Systems & Equipment Chart C2



DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
STATEMENT OF COMPLIANCE WITH THE FEDERAL AVIATION REGULATIONS

DATE
25 July 2004

AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION

MAKE Gulfstream Aerospace	MODEL NO. GV-SP	TYPE (Airplane, Rotor, Helicopter, etc.) Airplane	NAME OF APPLICANT Gulfstream Aerospace Corp.
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LIST OF DATA

IDENTIFICATION	TITLE
GAC Drawings: GC528566010, Rev. A, Dated: 3-26-04	Deviation Index List - Interior Emergency Lighting NOTES: (1) This approval is limited to structural aspect of the above listed design data only. (2) This approval is for Deviation Index List only. (3) Modification was performed under Gulfstream Aerospace Part 145 Repair Station at Long Beach, CA. (4) This modification and installation were coordinated between Gulfstream and their PMI. (5) This approval indicates the data listed above demonstrates compliance only with the regulations specified by paragraph and subparagraph listed below as "Applicable Requirements". COMPLIANCE TO ADDITIONAL REGULATIONS NOT LISTED HERE MAY BE REQUIRED. This Form DOES NOT constitute FAA approval of all the data necessary for substantiation of compliance to necessary requirements for the entire alteration / repair. End of data.

PURPOSE OF DATA

In Support of Form 337 Alteration, Interior Emergency Lighting Installation, Substantiate Deviations to STC ST02697AT-D. Aircraft S/N 5024 only.

APPLICABLE REQUIREMENTS (List specific sections)

FAR: 25.301, 25.303, 25.305(a)(b), 25.307(a), 25.561, 25.603, 25.605, 25.607, 25.613, 25.789.

CERTIFICATION - Under authority vested by direction of the Administrator and in accordance with conditions and limitations of appointment under Part 183 of the Federal Aviation Regulations, data listed above and attached sheets numbered _____ have been examined in accordance with established procedures and found to comply with applicable requirements of the Federal Aviation Regulations.

I / ~~WE~~ Therefore ☐ Recommend approval of these data
☒ Approve these data

SIGNATURE(S) OF DESIGNATED ENGINEERING REPRESENTATIVE(S)	DESIGNATION NUMBER(S)	CLASSIFICATION (S)
EVERRETT Y. CHOW <i>Everett Y. Chow</i>	DERT-605090-NM	STRUCTURES

United States of America
Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate

Number ST01375LA-D

This Certificate issued to Gulfstream Aerospace Corporation
4150 Donald Douglas Drive
Long Beach, California 90808

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified herein meets the airworthiness requirements of Part 25* of the Federal Aviation Regulations. *Certification basis is set forth in Type Certificate Data Sheet TCDS

Original Product Type Certificate Number: A12EA

Make: Gulfstream

Model: GV-SP

Description of Type Design Change Installation of an Airshow CMS-Two Cabin Management System in accordance with approved Gulfstream Aerospace Corporation Index List GC515028004, Revision "F", dated August 19, 2003 or later approved revision.

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. The approval of this modification applies to the above noted airplane model series only. A copy of this STC must be included in the permanent records of the modified aircraft. 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.

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: February 14, 2003

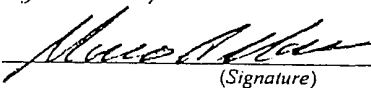
Date reissued:

Date of issuance: August 26, 2003

Date amended:



By direction of the Administrator


(Signature)

FOR Randall A. Wood
DAS Administrator, DAS-100271-NM
(Title)

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
STATEMENT OF COMPLIANCE WITH THE FEDERAL AVIATION REGULATIONS

DATE
25 July 2004

AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION

MAKE Gulfstream Aerospace	MODEL NO. GV-SP	TYPE (Airplane, Radio, Helicopter, etc.) Airplane	NAME OF APPLICANT Gulfstream Aerospace Corp.
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LIST OF DATA

IDENTIFICATION

TITLE

GAC Drawings:

GC545026001,
Rev B, Dated: 3-26-04

Deviation Data List - Airshow CMS-Two

NOTES:

- (1) This approval is limited to structural aspect of the above listed design data only.
- (2) This approval is for Deviation Data list only.
- (3) Modification was performed under Gulfstream Aerospace Part 145 Repair Station at Long Beach, CA.
- (4) This modification and installation were coordinated between Gulfstream and their PMI.

(5) This approval indicates the data listed above demonstrates compliance only with the regulations specified by paragraph and subparagraph listed below as "Applicable Requirements". COMPLIANCE TO ADDITIONAL REGULATIONS NOT LISTED HERE MAY BE REQUIRED. This Form DOES NOT constitute FAA approval of all the data necessary for substantiation of compliance to necessary requirements for the entire alteration / repair.

End of data.

PURPOSE OF DATA

In support of Form 337 Alteration, Airshow Equipment Installation. Substantiate Deviations to STC ST01376LA-D, Aircraft S/N 5024 only.

APPLICABLE REQUIREMENTS (List specific sections)

FAR: 25.301, 25.303, 25.305(a)(b), 25.307(a), 25.561, 25.603, 25.605, 25.607, 25.613, 25.625, 25.789

CERTIFICATION - Under authority vested by direction of the Administrator and in accordance with conditions and limitations of appointment under Part 183 of the Federal Aviation Regulations, data listed above and attached sheets numbered _____ have been examined in accordance with established procedures and found to comply with applicable requirements of the Federal Aviation Regulations.

I (X) Therefore



Recommend approval of these data



Approve these data.

SIGNATURE(S) OF DESIGNATED ENGINEERING REPRESENTATIVE(S)

DESIGNATION NUMBER(S)

CLASSIFICATION (S)

EVERRETT Y. CHOW

Everett Y. Chow

DEFT-605090-NM

STRUCTURES

Supplemental Type Certificate

Number ST01373LA-D

This Certificate issued to Gulfstream Aerospace Corporation
4150 Donald Douglas Drive
Long Beach, California 90808

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified herein meets the airworthiness requirements of Part 25* of the Federal Aviation Regulations. *Certification basis is set forth in Type Certificate Data Sheet TCDS

Original Product Type Certificate Number: A12EA

Make: Gulfstream

Model: GV-SP

Description of Type Design Change: Installation of a Securaplane External Camera System in accordance with approved Gulfstream Aerospace Corporation Index List GC515058010, Revision "K", dated August 20, 2003 or later approved revision.

Approved Gulfstream Airplane Flight Manual Supplement required for this installation is listed on the approved Index List.

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. The approval of this modification applies to the above noted airplane model series only. A copy of this STC must be included in the permanent records of the modified aircraft. 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.

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: February 6, 2003

Date received:

Date of issuance: August 20, 2003

Date amended:



By direction of the Administrator

[Signature]
(Signature)

Randall A. Wood
DAS Administrator, DAS-100271-NM
(Title)

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

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
STATEMENT OF COMPLIANCE WITH THE FEDERAL AVIATION REGULATIONS

DATE July 16, 2004

AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION

MAKE Gulfstream Aerospace	MODEL NO. GV-SP	TYPE (Airplane, Radio, Helicopter, etc.) Airplane	NAME OF APPLICANT Gulfstream Aerospace Corp.
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LIST OF DATA

IDENTIFICATION

TITLE

GAC DRAWINGS:

GC51 505 6027 Rev. "D"

Deviation Data List - External Camera System, Securaplane

This approval indicates the data listed above demonstrates compliance only with the regulations specified by paragraph and subparagraph listed below as "Applicable Requirements". (Compliance to additional regulations not listed here may be required.) This form does not constitute FAA approval of all the data necessary for substantiation of compliance to necessary requirements for the entire alteration/repair.

(AVIONICS SYSTEMS DATA APPROVAL ONLY)

PURPOSE OF DATA

Substantiates minor wiring deviations to STC ST01373LA-D. Aircraft S/N 5024 only.

APPLICABLE REQUIREMENTS (List specific sections)

FAR 25.1301(a)(b)(c), 25.1309(b), 25.1353(a), and 25.1431(c)

CERTIFICATION - Under authority vested by direction of the Administrator and in accordance with conditions and limitations of appointment under Part 183 of the Federal Aviation Regulations, data listed above and on attached sheets numbered _____ have been examined in accordance with established procedures and found to comply with applicable requirements of the Federal Aviation Regulations.

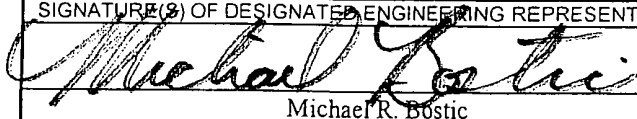
I (We) Therefore

☐ Recommend Approval of these data
☒ Approve these data

SIGNATURE(S) OF DESIGNATED ENGINEERING REPRESENTATIVE(S)

DESIGNATION NUMBER(S)

CLASSIFICATION


Michael R. Bostic

DETR-605048-NM

Systems & Equipment

Chart C2

the first of these is the fact that the system is not a closed system, but an open system, in that it is in contact with the environment and can exchange matter and energy with it.

The second of these is the fact that the system is not a simple system, but a complex system, in that it is composed of many interacting parts.

The third of these is the fact that the system is not a static system, but a dynamic system, in that it is constantly changing and evolving.

The fourth of these is the fact that the system is not a linear system, but a non-linear system, in that the relationships between the parts are not necessarily linear.

The fifth of these is the fact that the system is not a deterministic system, but a probabilistic system, in that the behavior of the system is not necessarily predictable.

The sixth of these is the fact that the system is not a homogeneous system, but a heterogeneous system, in that the parts are not necessarily identical.

The seventh of these is the fact that the system is not a uniform system, but a non-uniform system, in that the properties of the system are not necessarily the same everywhere.

The eighth of these is the fact that the system is not a simple system, but a complex system, in that it is composed of many interacting parts.

The ninth of these is the fact that the system is not a static system, but a dynamic system, in that it is constantly changing and evolving.

The tenth of these is the fact that the system is not a linear system, but a non-linear system, in that the relationships between the parts are not necessarily linear.

The eleventh of these is the fact that the system is not a deterministic system, but a probabilistic system, in that the behavior of the system is not necessarily predictable.

The twelfth of these is the fact that the system is not a homogeneous system, but a heterogeneous system, in that the parts are not necessarily identical.

The thirteenth of these is the fact that the system is not a uniform system, but a non-uniform system, in that the properties of the system are not necessarily the same everywhere.

The fourteenth of these is the fact that the system is not a simple system, but a complex system, in that it is composed of many interacting parts.

The fifteenth of these is the fact that the system is not a static system, but a dynamic system, in that it is constantly changing and evolving.

The sixteenth of these is the fact that the system is not a linear system, but a non-linear system, in that the relationships between the parts are not necessarily linear.

The seventeenth of these is the fact that the system is not a deterministic system, but a probabilistic system, in that the behavior of the system is not necessarily predictable.

The eighteenth of these is the fact that the system is not a homogeneous system, but a heterogeneous system, in that the parts are not necessarily identical.

The nineteenth of these is the fact that the system is not a uniform system, but a non-uniform system, in that the properties of the system are not necessarily the same everywhere.

The twentieth of these is the fact that the system is not a simple system, but a complex system, in that it is composed of many interacting parts.

The twenty-first of these is the fact that the system is not a static system, but a dynamic system, in that it is constantly changing and evolving.

The twenty-second of these is the fact that the system is not a linear system, but a non-linear system, in that the relationships between the parts are not necessarily linear.

United States of America
Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate

Number ST01513LA-D

This Certificate issued to Gulfstream Aerospace Corporation
4150 Donald Douglas Drive
Long Beach, California 90808

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified herein meets the airworthiness requirements of Part 25 of the Federal Aviation Regulations. *Certification basis is set forth in Type Certificate Data Sheet TCDS*

Original Product Type Certificate Number A12EA

Make Gulfstream

Model GV-SP S/N 5024 Only

Description of Type Design Change: Installation of 18-passenger cabin interior in accordance with approved Gulfstream Aerospace Corporation Index List GC52 0008179, Revision "F", dated July 25, 2004 or later approved revision.

Approved Gulfstream Airplane Flight Manual Supplement required for this installation is listed on the approved Index List.

Limitations and Conditions: This installation should not be incorporated in any aircraft unless it is determined that the interrelationship between this change and any previously approved configuration will not introduce any adverse effect upon the airworthiness of the aircraft. The approval of this modification applies to the above noted airplane model and serial number only. A copy of this STC must be included in the permanent records of the modified aircraft.

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 March 1, 2004

Date issued :

Date of issuance : July 25, 2004

Date amended :

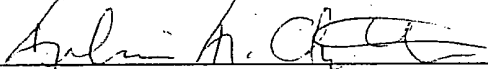


By direction of the Administrator

R. A. Wood
(Signature)

Randall A. Wood
DAS Administrator, DAS-100271-NM
(Title)

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

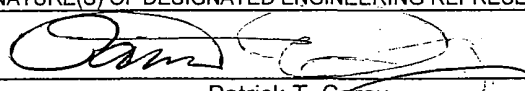
U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		DATE 24-July-04	
STATEMENT OF COMPLIANCE WITH THE FEDERAL AVIATION REGULATIONS			
AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION			
MAKE Gulfstream Aerospace	MODEL NO. GV-SP	TYPE (Airplane, Radio, Helicopter, etc.) Airplane (T.C. A12EA)	NAME OF APPLICANT Gulfstream Aerospace Corp.
LIST OF DATA			
IDENTIFICATION		TITLE	
<u>GAC DRAWINGS:</u> GC520008139 Rev "H" (Dated 23-Jul-04)		Data List - Avionics/Mechanical	
		This approval indicates the data listed above demonstrates compliance only with the regulations specified by paragraph and subparagraph listed below as "Applicable Requirements." (Compliance to additional regulations not listed here may be required.) This form (does not) constitute FAA approval of all the data necessary for substantiation of compliance to necessary requirements for the entire alteration/repair.	
		(DETAIL DESIGN APPROVAL ONLY)	
PURPOSE OF DATA			
To support FAA form 337 approval of the Avionics/Mechanical design data for Serial Number 5024 only.			
APPLICABLE REQUIREMENTS (List specific sections)			
FAR 25.1301(a) and (b).			
CERTIFICATION -- Under authority vested by direction of the Administrator and in accordance with conditions and limitations of appointment under Part 183 of the Federal Aviation Regulations, data listed above and on attached sheets numbered _____ have been examined in accordance with established procedures and found to comply with applicable requirements of the Federal Aviation Regulations.			
I (We) Therefore ☐ Recommend Approval of these data ☒ Approve these data			
SIGNATURE(S) OF DESIGNATED ENGINEERING REPRESENTATIVE(S)		DESIGNATION NUMBER(S)	CLASSIFICATION
 Kelvin K. Arakaki		DERT-605009-NM	Systems and Equipment-Mech

The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that proper record-keeping is essential for the transparency and accountability of the organization. The document then outlines the specific procedures for recording transactions, including the use of standardized forms and the requirement for double-checking entries.

The second part of the document addresses the issue of budgeting and financial planning. It states that a well-defined budget is crucial for the organization to allocate resources effectively and to monitor its financial performance. The document provides guidelines for developing a budget, including the need to consider all potential expenses and to set realistic targets.

The third part of the document focuses on the management of human resources. It highlights the importance of recruiting and retaining qualified staff, as well as providing ongoing training and development opportunities. The document also discusses the need for clear communication and collaboration among team members to ensure the organization's success.

The final part of the document summarizes the key points discussed and reiterates the organization's commitment to excellence and continuous improvement. It concludes by stating that the organization will continue to strive for the highest standards of performance and to serve its stakeholders effectively.

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION			DATE 7-12-04
STATEMENT OF COMPLIANCE WITH THE FEDERAL AVIATION REGULATIONS			
AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION			
MAKE Gulfstream	MODEL NO. GV-SP	TYPE (Airplane, Radio, Helicopter, etc.) Airplane	NAME OF APPLICANT Gulfstream
LIST OF DATA			
IDENTIFICATION	TITLE		
GAC DRAWINGS: GC514040160 Rev. "N/C" (Dated 12-4-03) GC514050135 Rev. "A" (Dated 4-1-04) GC514080151 Rev. "N/C" (Dated 12-4-03)	Instrument Panel Layout - S/N 5024 Pedestal Layout - S/N 5024 Overhead Panel Layout - S/N 5024 This approval indicates the data listed above demonstrates compliance only with the regulations specified by paragraph and subparagraph listed below as "Applicable Requirements." (Compliance to additional regulations not listed here may be required.) This form (does not) constitute FAA approval of all the data necessary for substantiation of compliance to necessary requirements for the entire alteration/repair. This includes verification that these deviations have no impact on crew workload, cockpit noise nor lighting on S/N 5024.		
PURPOSE OF DATA			
To support FAA Form 337 Approval of Miscellaneous Modifications of Serial Number 5024.			
APPLICABLE REQUIREMENTS (List specific sections)			
FAR 25.1301(a), (b), (c) and (d) (No Amdt), 25.1303(a), (b) and (c) (Amdt 25-90), 25.1307(a), (b), (c), (d) and (e) (Amdt 25-72), 25.1309(a) and (c) (Amdt 25-41), 25.1381(a) and (b) (Amdt. 25-72) and 25.1555(a) (No Amdt)			
CERTIFICATION - Under authority vested by direction of the Administrator and in accordance with conditions and limitations of appointment under Part 183 of the Federal Aviation Regulations, data listed above and on attached sheets numbered _____ have been examined in accordance with established procedures and found to comply with applicable requirements of the Federal Aviation Regulations.			
I (We) Therefore ☐ Recommend Approval of these data ☒ Approve these data			
SIGNATURE(S) OF DESIGNATED ENGINEERING REPRESENTATIVE(S)	DESIGNATION NUMBER(S)	CLASSIFICATION	
 Patrick T. Carey	DERY-606455-NM	Flight Test Pilot	

DEPARTMENT OF TRANSPORTATION		FEDERAL AVIATION ADMINISTRATION		DATE
STATEMENT OF COMPLIANCE WITH THE FEDERAL AVIATION REGULATIONS				25 July 2004
AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION				
MAKE	MODEL NO.	TYPE (Airplane, Radio, Helicopter, etc.)	NAME OF APPLICANT	
Gulfstream Aerospace	GV-SP	Airplane	Gulfstream Aerospace Corp.	
LIST OF DATA				
IDENTIFICATION		TITLE		
GAC Drawings: GC520008139 Rev. H, Dated 7-23-04 GAC Report: GC524965024 Rev. N/C, 7-25-04		Data List - Avionics, Mechanical & Interior. Completion Stress Report for GV Serial No. 5024 (Except Section 3.0) NOTES: (1) This approval is limited to structural aspect of the above listed design data only. (2) This approval is for Data List and static stress data of the Completion Stress Report only. Section 3.0 (Fatigue and Damage Tolerance Evaluation) will be approved by another DER. (3) Modification was performed under Gulfstream Aerospace Part 145 Repair Station at Long Beach, Ca. (4) This modification and installation were coordinated between Gulfstream and their PMI. (5) This approval indicates the data listed above demonstrates compliance only with the regulations specified by paragraph and subparagraph listed below as "Applicable Requirements". COMPLIANCE TO ADDITIONAL REGULATIONS NOT LISTED HERE MAY BE REQUIRED. This Form DOES NOT constitute FAA approval of all the data necessary for substantiation of compliance to necessary requirements for the entire alteration / repair. End of data.		
PURPOSE OF DATA				
In support of Form 337 Approval of completion of aircraft and interior Installations. Aircraft S/N 5024 only.				
APPLICABLE REQUIREMENTS (List specific sections)				
FAR: 25.301, 25.303, 25.305(a)(b), 25.307(a), 25.561, 25.603, 25.605, 25.607, 25.613, 25.625, 25.789.				
CERTIFICATION - Under authority vested by direction of the Administrator and in accordance with conditions and limitations of appointment under Part 183 of the Federal Aviation Regulations, data listed above and attached sheets numbered _____ have been examined in accordance with established procedures and found to comply with applicable requirements of the Federal Aviation Regulations.				
I (we) Therefore ☐ Recommend approval of these data ☒ Approve these data				
SIGNATURE(S) OF DESIGNATED ENGINEERING REPRESENTATIVE(S)		DESIGNATION NUMBER(S)	CLASSIFICATION (S)	
EVERRETT Y. CHOW <i>Everett Y. Chow</i>		DEFT-605090-NM	STRUCTURES	

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION			DATE July 25, 2004
STATEMENT OF COMPLIANCE WITH THE FEDERAL AVIATION REGULATIONS			
AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION			
MAKE Gulfstream Aerospace	MODEL NO. GV-SP	TYPE (Airplane, Rotor, Helicopter, etc.) Airplane	NAME OF APPLICANT Gulfstream Aerospace Corp.
LIST OF DATA			
IDENTIFICATION	TITLE		
<u>GAC DRAWINGS:</u> GC524965024 Rev N/C Dated July 25, 2004	Completion Stress Report For GV-SP Serial No. 5024 Section 3 - Fatigue and Damage Tolerance Evaluation		
This approval indicates the data listed above demonstrates compliance only with the regulations specified by paragraph and subparagraph listed below as "Applicable Requirements." (Compliance to additional regulations not listed here may be required.) This form (does not) constitute FAA approval of all the data necessary to substantiation of compliance to necessary requirements for the entire alteration/repair.			
(DETAIL DESIGN AND STRUCTURAL APPROVAL ONLY)			
PURPOSE OF DATA			
To provide Fatigue and Damage Tolerance substantiation for the completion installations on GV-SP aircraft, S/N 5024 only.			
APPLICABLE REQUIREMENTS (List specific sections)			
14CFR Part 25, Paragraphs 25.571 (a) & (b) as amended by Amendments 25-1 through 25-96.			
CERTIFICATION - Under authority vested by direction of the Administrator and in accordance with conditions and limitations of appointment under Part 183 of the Federal Aviation Regulations, I/We listed above and on attached sheets numbered _____ have been examined in accordance with established procedures and found to comply with applicable requirements of the Federal Aviation Regulations.			
I (We) Therefore: ☐ Recommend Approval of these data ☒ Approve these data			
SIGNATURE(S) OF DESIGNATED ENGINEERING REPRESENTATIVE(S)		DESIGNATION NUMBER(S)	CLASSIFICATION
 John D. Nguyen		DERY-606135-NM	Structures

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REV LTR	REV BY	APPROVAL	DATE	REVISIONS AND/OR ADDITIONS
--	--	--	07/23/04	Initial Release

1. Introduction:

This modification consists of custom avionics and electrical alterations accomplished in conjunction with the installation of a custom interior on S/N 5024. These alterations were done in accordance with Gulfstream Aerospace Corporation Data List DL GC51 4960225, Rev. F or subsequent approved revisions thereof.

Gulfstream Completion Engineering has reviewed the data list and has determined that maintenance information is required in addition to the existing aircraft manufacturer's Maintenance Manual, Wiring Diagram Manual, Illustrated Parts Catalog and Computerized Maintenance Program.

2. Description:

N/A

3. Control, Operation Information:

N/A

4. Servicing Information:

UHF Antenna
AIL SYSTEM INC./Dorme and Margolin
DBA EDO & ESG
455 Commack Road
Deer Park, NY. 11729-4591

5. Maintenance Instructions:

A General Visual Inspection of the listed antennas and associated wiring for condition/deterioration will be performed as part of the normal airplane zonal inspections as defined in Chapter 5 of the AMM.

UHF Antenna at FS 714.00

Refer to the Gulfstream GV-SP Aircraft Maintenance Manual, ATA Chapter 5, *Time Limits / Maintenance Checks*, and GV-SP MRB Report – *Structural Maintenance Program and Zonal Inspection Program (ZIP)* for recommended periodic structural inspections. The Gulfstream GV-SP Corrosion Prevention and Control Manual should also be referenced for established corrosion prevention and control procedures.

This system has been analyzed by the MSG-3 Analysis process and has been determined to be Non-Maintenance Significant Items (Non-MSI). As a Non-MSI, there are no scheduled MSG-3 maintenance tasks associated with this installation.

6. Trouble Shooting Information:

N/A

7. Removal and Replacement Information:

Electrical equipment/component part numbers, reference designators, wire numbers and termination points are shown on the applicable wiring diagram contained in the aircraft's Completion Center Wiring Diagrams Manual.

8. Diagrams:

The wiring diagrams associated with these alterations are contained in the aircraft's Completion Center Wiring Diagrams Manual.

9. Special Inspection Requirements:

None required.

10. Application of Protective Treatments:

N/A

11. Data:

N/A

12. List of Special Tools:

N/A

13. Commuter Category Aircraft:

N/A

14. Recommended Overhaul Periods:

N/A

15. Airworthiness Limitation:

No additional airworthiness limitations.

16. Revisions:

Revisions shall be logged on Page 1. The revised document will be distributed as required.

REV LTR	REV BY	APPROVAL	DATE	REVISIONS AND/OR ADDITIONS
--	--	--	07/23/04	Initial Release

1. Introduction:

This modification consists of alterations that were accomplished in conjunction with the installation of a custom interior on S/N 5024. These alterations were done in accordance with Gulfstream Aerospace Corporation Data Lists DL GC520008139, Rev. H or subsequent approved revisions thereof.

Gulfstream Completion Engineering has reviewed the data lists and has determined that maintenance information is required in addition to the existing aircraft manufacturer's Maintenance Manual, Wiring Diagram Manual, Illustrated Parts Catalog and Computerized Maintenance Program.

2. Description:

These external antennas are installed as part of these alterations. The installations include the following:

UHF Antenna at FS 714.00

3. Control, Operation Information:

N/A

4. Servicing Information:

UHF Antenna
AIL SYSTEM INC./Dorne and Margolin
DBA EDO & ESG
455 Commack Road
Deer Park, NY. 11729-4591

5. Maintenance Instructions:

A General Visual Inspection of the listed antennas and associated wiring for condition/deterioration will be performed as part of the normal airplane zonal inspections as defined in Chapter 5 of the AMM.

UHF Antenna at FS 714.00

Refer to the Gulfstream GV-SP Aircraft Maintenance Manual, ATA Chapter 5, *Time Limits / Maintenance Checks*, and GV-SP MRB Report – *Structural Maintenance Program and Zonal Inspection Program (ZIP)* for recommended periodic structural inspections. The Gulfstream GV-SP Corrosion Prevention and Control Manual should also be referenced for established corrosion prevention and control procedures.

This system has been analyzed by the MSG-3 Analysis process and has been determined to be Non-Maintenance Significant Items (Non-MSI). As a Non-MSI, there are no scheduled MSG-3 maintenance tasks associated with this installation.

6. Trouble Shooting Information:

See Completion Center Wiring Diagrams Manual.

7. Removal and Replacement Information:

	<u>MANUFACTURER</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>
A.	Dorne & Margolin	DMC-57-1	UHF Antenna

Gulfstream®

AIRCRAFT INCORPORATED

Rev. -

8. Diagrams:

The wiring diagrams associated with these alterations are contained in the aircraft's Completion Center Wiring Diagrams Manual.

9. Special Inspection Requirements:

None required.

10. Application of Protective Treatments:

N/A

11. Data:

Unless otherwise noted by Gulfstream and vendor maintenance instructions, the methods, techniques and practices for the inspection and repair of this system shall be accomplished in accordance with FAA Advisory Circular 43.13-1B or later approved revisions.

12. List of Special Tools:

N/A

13. Commuter Category Aircraft:

N/A

14. Recommended Overhaul Periods:

N/A

15. Airworthiness Limitation:

No additional airworthiness limitations.

16. Revisions:

Revisions shall be recorded on the Log of Revisions sheet. The revised document will be distributed as required.

U.S. Department
of Transportation
Federal Aviation
AdministrationAPPLICATION FOR
AIRWORTHINESS
CERTIFICATE

INSTRUCTIONS - Print or type. Do not write in shaded areas. These are for FAA use only. Submit original only to an authorized FAA Representative. If additional space is required use an attachment. For special flight permits complete Sections II, VI and VII as applicable.

I. AIRCRAFT DESCRIPTION	1. REGISTRATION MARK N924GA	2. AIRCRAFT BUILDER'S NAME (Make) Gulfstream Aerospace Corp.	3. AIRCRAFT MODEL DESIGNATION GV- SP (G550)	4. YR MFR 2003	FAA CODING 3980101
	5. AIRCRAFT SERIAL NO. 5024	6. ENGINE BUILDERS NAME (Make) Rolls Royce	7. ENGINE MODEL DESIGNATION BR700-710C4-11		
	8. NUMBER OF ENGINES (2)	9. PROPELLER BUILDER'S NAME (Make) N/A	10. PROPELLER MODEL DESIGNATION N/A		
	11. AIRCRAFT IS (Check if applicable) ☐ EXPORT ☒ IMPORT				
II. CERTIFICATION REQUESTED	APPLICATION IS HEREBY MADE FOR: (Check applicable items)				
	A ☐ 1 ☒ STANDARD AIRWORTHINESS CERTIFICATE (Indicate category) ☐ NORMAL ☐ UTILITY ☐ ACROBATIC ☒ TRANSPORT ☐ COMMUTER ☐ BALLOON ☐ OTHER				
	B ☐ SPECIAL AIRWORTHINESS CERTIFICATE (Check appropriate items)				
	7 ☐ PRIMARY				
	2 ☐ LIMITED				
	5 ☐ PROVISIONAL (Indicate class)				
	1 ☐ Class I				
	2 ☐ Class II				
	3 ☐ RESTRICTED (Indicate operation(s) to be conducted)				
	1 ☐ AGRICULTURE AND PEST CONTROL 2 ☐ AERIAL 3 ☐ AERIAL ADVERTISING				
4 ☐ FOREST (Wildlife conservation) 5 ☐ PATROLLING 6 ☐ WEATHER CONTROL					
0 ☐ OTHER (Specify)					
4 ☐ EXPERIMENTAL (Indicate operation(s) to be conducted)					
1 ☐ RESEARCH AND DEVELOPMENT 2 ☐ AMATEUR BUILT 3 ☐ EXHIBITION					
4 ☐ AIR RACING 5 ☐ CREW TRAINING 6 ☐ MARKET SURVEY					
0 ☐ TO SHOW COMPLIANCE WITH THE CFR 7 ☐ OPERATING (Primary Category) KIT BUILT AIRCRAFT					
8 ☐ SPECIAL FLIGHT PERMIT (Indicate operation to be conducted then complete Section VI or VII as applicable on reverse side)					
1 ☐ FERRY FLIGHT FOR REPAIRS, ALTERATIONS, MAINTENANCE, OR STORAGE					
2 ☐ EVACUATE FROM AREA OF IMPENDING DANGER					
3 ☐ OPERATION IN EXCESS OF MAXIMUM CERTIFICATED TAKE-OFF WEIGHT					
4 ☐ DELIVERING OR EXPORTING 5 ☐ PRODUCTION FLIGHT TESTING					
6 ☐ CUSTOMER DEMONSTRATION FLIGHTS					
C ☐ 6 ☐ MULTIPLE AIRWORTHINESS CERTIFICATE (Check ABOVE: "Restricted Operation" and "Standard" or "Limited" as applicable)					
III. OWNER'S CERTIFICATION	A. REGISTERED OWNER (As shown on certificate of aircraft registration) IF DEALER, CHECK HERE ☒				
	NAME Gulfstream Aerospace Corporation		ADDRESS 500 Gulfstream Rd. Savannah, GA 31407-9643		
	B. AIRCRAFT CERTIFICATION BASIS (Check applicable blocks and complete items as indicated)				
	☒ AIRCRAFT SPECIFICATION OR TYPE CERTIFICATE DATA SHEET (Give No. and Revision No.) A12EA Rev. 26		☒ AIRWORTHINESS DIRECTIVES (Check if all applicable AD's complied with and give the number of the last AD SUPPLEMENT available in the biweekly series as of the date of application) 2004-01-12		
	☒ AIRCRAFT LISTING (Give page number(s)) N/A		☒ SUPPLEMENTAL TYPE CERTIFICATE (List number of each STC incorporated) N/A		
	C. AIRCRAFT OPERATION AND MAINTENANCE RECORDS				
☒ CHECK IF RECORDS IN COMPLIANCE WITH 14 CFR section 91.417		TOTAL AIRFRAME HOURS 31:11		3 EXPERIMENTAL ONLY (Enter hours flown since last certificate issued or renewed) 23:15	
D. CERTIFICATION - I hereby certify that I am the registered owner (or his agent) of the aircraft described above, that the aircraft is registered with the Federal Aviation Administration in accordance with Title 49 of the United States Code 44101 et seq. and applicable Federal Aviation regulations, and that the aircraft has been inspected and is airworthy and eligible for the airworthiness certificate requested.					
DATE OF APPLICATION 01/19/04		NAME AND TITLE (Print or type) Mike Harden Flight Test Manager		SIGNATURE <i>M. Harden</i>	
IV. INSPECTION AGENCY VERIFICATION	A. THE AIRCRAFT DESCRIBED ABOVE HAS BEEN INSPECTED AND FOUND AIRWORTHY BY (Complete these sections only if 14 CFR part 21.183(d) applies)				
	2 ☐ 14 CFR PART 121 CERTIFICATE HOLDER (Give Certificate No.)	3 ☐ CERTIFICATED MECHANIC (Give Certificate No.)	6 ☐ CERTIFICATED REPAIR STATION (Give Certificate No.)		
	5 ☐ AIRCRAFT MANUFACTURER (Give name or firm)				
	DATE		TITLE		SIGNATURE
V. FAA REPRESENTATIVE CERTIFICATION	(Check ALL applicable blocks in items A and B)		☒ THE CERTIFICATE REQUESTED		
	A. I find that the aircraft described in Section I or VII meets requirements for		4 ☐ AMMENDMENT OR MODIFICATION OF CURRENT AIRWORTHINESS CERTIFICATE		
	B. Inspection for a special flight permit under Section VII was conducted by:		☐ FAA INSPECTOR ☐ FAA DESIGNEE		
			☐ CERTIFICATE HOLDER UNDER ☐ 14 CFR part 65 ☒ 14 CFR part 121 or 135 ☐ 14 CFR part 145		
DATE 01/19/04		DISTRICT OFFICE CE42		DESIGNEE'S SIGNATURE AND NO. <i>Robert L. Kindle II</i> Robert L. Kindle II ODARF100127CE	FAA INSPECTOR'S SIGNATURE <i>MIDO</i> MIDO NB

VI. PRODUCTION FLIGHT TESTING	A. MANUFACTURER		
	NAME		ADDRESS
	B. PRODUCTION BASIS (Check applicable items)		
	☐ PRODUCT CERTIFICATE (Give production certificate number) ☐ TYPE CERTIFICATE ONLY ☐ APPROVED PRODUCTION INSPECTION SYSTEM		
C. GIVE QUANTITY OF CERTIFICATES REQUIRED FOR OPERATING NEEDS →			
DATE OF APPLICATION		NAME AND TITLE (Print or type)	SIGNATURE
VII. SPECIAL FLIGHT PERMIT PURPOSES OTHER THAN PRODUCTION FLIGHT TEST	A. DESCRIPTION OF AIRCRAFT		
	REGISTERED OWNER		ADDRESS
	BUILDER (Make)		MODEL
	SERIAL NUMBER		REGISTRATION MARK
	B. DESCRIPTION OF FLIGHT CUSTOMER DEMONSTRATION FLIGHTS ☐ (Check if applicable)		
	FROM		TO
	VIA	DEPARTURE DATE	DURATION
	C. CREW REQUIRED TO OPERATE THE AIRCRAFT AND ITS EQUIPMENT		
	☐ PILOT ☐ CO-PILOT ☐ FLIGHT ENGINEER ☐ OTHER (Specify)		
	D. THE AIRCRAFT DOES NOT MEET THE APPLICABLE AIRWORTHINESS REQUIREMENTS AS FOLLOWS		
	E. THE FOLLOWING RESTRICTIONS ARE CONSIDERED NECESSARY FOR SAFE OPERATION (Use attachment if necessary)		
	F. CERTIFICATION - I hereby certify that I am the registered owner (or his agent) of the aircraft described above: that the aircraft is registered with the Federal Aviation Administration in accordance with Title 49 of the United States Code 44101 <u>et seq.</u> and applicable Federal Aviation Regulations, and that the aircraft has been inspected and is airworthy for the flight described.		
DATE		SIGNATURE	
NAME AND TITLE (Print or type)			
VIII. AIRWORTHINESS DOCUMENTATION (FAA/DESIGNEE use only)	☒ A. Operating Limitations and Markings in compliance with 14 CFR section 91.9 as Applicable		☐ G. Statement of conformity, FAA Form 8130-9 (Attach when required)
	☐ B. Current Operating Limitations Attached		☐ H. Foreign Airworthiness Certification for Import Aircraft (Attached when required)
	☐ C. Data, Drawings, Photographs, etc. (Attach when required)		☒ I. Previous Airworthiness Certificate issued in Accordance with 14 CFR Section 21.191(a) (b) (f) CAR _____ (Original attached)
	☒ D. Current Weight and Balance Information Available in Aircraft		☒ J. Current Airworthiness Certificate Issued in Accordance with 14 CFR Section 21.183(d) (Copy attached)
	☐ E. Major Repair and Alteration, FAA Form 337 (Attached when required)		
	☒ F. This inspection Recorded in Aircraft Records		

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION—FEDERAL AVIATION ADMINISTRATION
STANDARD AIRWORTHINESS CERTIFICATE

1. NATIONALITY AND REGISTRATION MARKS	2. MANUFACTURER AND MODEL	3. AIRCRAFT SERIAL NUMBER	4. CATEGORY
N924GA	Gulfstream GV-SP (G550)	5024	Transport

5. AUTHORITY AND BASIS FOR ISSUANCE

This airworthiness certificate is issued pursuant to the Federal Aviation Act of 1958 and certifies that, as of the date of issuance, the aircraft to which issued has been inspected and found to conform to the type certificate therefor, to be in condition for safe operation, and has been shown to meet the requirements of the applicable comprehensive and detailed airworthiness code as provided by Annex 8 to the Convention on International Civil Aviation, except as noted herein.

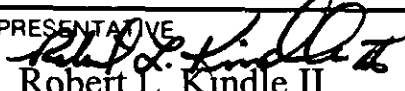
Exceptions:

Exemption No. 7946 25.813 (e) Door Between Passenger Compartments

Exemption No. 8004 25.901 (c) Single Failure Criteria

6. TERMS AND CONDITIONS

Unless sooner surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator, this airworthiness certificate is effective as long as the maintenance, preventative maintenance, and alterations are performed in accordance with Parts 21, 43, and 91 of the Federal Aviation Regulations, as appropriate, and the aircraft is registered in the United States.

DATE OF ISSUANCE	FAA REPRESENTATIVE	DESIGNATION NUMBER
01/19/2004	 Robert L. Kindle II	ODARF100127CE

Any alteration, reproduction, or misuse of this certificate may be punishable by a fine not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT IN ACCORDANCE WITH APPLICABLE FEDERAL AVIATION REGULATIONS.

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
SPECIAL AIRWORTHINESS CERTIFICATE

A	CATEGORY/DESIGNATION EXPERIMENTAL	
	PURPOSE RESEARCH AND DEVELOPMENT/SHOW COMPLIANCE AND MARKET SURVEY	
B	MANUFACTURER	NAME N/A
		ADDRESS N/A
C	FLIGHT	FROM N/A
		TO N/A
D	N- 924GA	
	BUILDER GULFSTREAM	
E	DATE OF ISSUANCE 11/13/03	
	OPERATING LIMITATIONS None	
	SIGNATURE OF FAA REPRESENTATIVE	
	SIGNATURE OR OFFICE NO.	

PAUL D. JACOBS **Robert L. Krimm** **ODARF100127CE**

Any alteration, reproduction or misuse of this certificate may be punishable by a fine not exceeding \$1,000 or imprisonment not exceeding 3 years, or both. THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT IN ACCORDANCE WITH APPLICABLE FEDERAL AVIATION REGULATIONS.

A	This airworthiness certificate is issued under the authority of the Federal Aviation Act of 1958 and the Federal Aviation Regulations (FAR).
B	This airworthiness certificate authorizes the manufacturer named on the reverse side to conduct production flight tests, and only production flight tests, of aircraft registered in his name. No person may conduct production flight tests under this certificate: (1) Carrying persons or property for compensation or hire; and/or (2) Carrying persons not essential to the purpose of the flight.
C	This airworthiness certificate authorizes the flight specified on the reverse side for the purpose shown in Block A.
D	This airworthiness certificate certifies that, as of the date of issuance, the aircraft to which issued has been inspected and found to meet the requirements of the applicable FAR. The aircraft does not meet the requirements of the applicable comprehensive and detailed airworthiness code as provided by Annex 8 to the Convention On International Civil Aviation. No person may operate the aircraft described on the reverse side: (1) except in accordance with the applicable FAR and in accordance with conditions and limitations which may be prescribed by the Administrator as part of this certificate; (2) over any foreign country without the special permission of that country.
E	Unless sooner surrendered, suspended, or revoked, this airworthiness certificate is effective for the duration and under the conditions prescribed in FAR Part 21, Section 21.181 or 21.217.



INTEROFFICE MEMO

Date: January 16, 2004

Action

Information Only ☐

To: Sam Smith

Reply: Requested ☐

CMH-IOM-04-003

From: Mike Harden

Subject: Aircraft 5024 Standard C of A Ticket

Gulfstream has completed all of the company ground and flights on GVSP SN 5024 for the TIA hot weather testing. All of the test equipment and instrumentation has been removed and the aircraft has returned to its original configuration. It is requested that the Experimental Ticket be removed and the standard C of A ticket is issued back on the aircraft.

The aircraft has been maintained by Gulfstream Flight Test personnel in accordance with the latest approved maintenance manual procedures.

Mike Harden
Gulfstream Flight Test



U.S. Department
of Transportation

Federal Aviation
Administration

EXPERIMENTAL OPERATING LIMITATIONS

RESEARCH AND DEVELOPMENT/SHOWING COMPLIANCE WITH THE REGULATIONS AND MARKET SURVEY

MAKE: GULFSTREAM MODEL: GV-SP (G550) S/N: 5024 REGISTRATION: N924GA

PAGE 1 OF 3

(1) No person may operate this aircraft unless the Special Airworthiness Certificate, FAA Form 8130-7, for this aircraft is displayed at the cabin or cockpit entrance so that it is visible to the passengers or crew.

(2) No person may operate this aircraft for other than the purpose of RESEARCH AND DEVELOPMENT/SHOWING COMPLIANCE/ WITH THE REGULATIONS AND MARKET SURVEY to accomplish the flight operations outlined in the applicant's letter dated 11/14/03 describing compliance with § 21.193(d), and made available to the pilot in command of the aircraft. Additionally, this aircraft shall be operated in accordance with applicable air traffic and general operating rules of part 91 and all additional limitations herein prescribed under the provisions of § 91.319(e). These operating limitations are part of the Special Airworthiness Certificate, FAA Form 8130-7 dated 11/14/03 and are to be carried in the aircraft at all times for availability to the pilot.

(3) The owner/operator of this aircraft must ensure that a copy of the current program letter is carried on board the aircraft at all times.

(4) All flights shall be conducted within the geographical area described as follows:

This aircraft is limited to flight test area #1 through 5. Except as amended by the log book entry required by item (5) of these operating limitations.

(a) Flight test area (1) - is designated as the primary test area. It is located offshore in the FAR 73 Special Use Airspace commonly referred to as the "Warning Area". It specifically includes all the airspace normally controlled by the US Navy Fleet Area Control and Surveillance Facility in Jacksonville, Florida. It is identified on aeronautical charts as W-132, W-134, W-157, W-158 and W-159. The physical description of these Special Use Areas may be found in FAA Order 7400.8G. These areas are used under a Letter of Agreement between Gulfstream, the US Navy and Jacksonville Center, which are controlling authorities.

(b) Flight test area (2) - is designated as the primary test area when it is necessary to conduct tests on airways or with ATC assistance. An IFR flight plan shall be filed and flights shall be under the control of the Jacksonville or Atlanta ARTCC. Area (2) is normally bounded by Savannah, Georgia - Charleston, South Carolina - Florence, South Carolina - Columbia, South Carolina - Savannah, Georgia with a 10 NM buffer zone around this area to allow flying from point to point. The area may be modified by ATC to provide proper separation of test activities and commercial traffic. Altitude is as authorized by the controlling agency and aircraft operating limitations.

(c) Flight Test Area (3) - is designated a secondary flight test area when required due to weather or other considerations. The block of altitude will normally be from sea level to 18,000 feet MSL. Area (3) is designated as follows: from SAV VOR out the 082° radial for 55 NM - then southwest along the coast remaining east of Victor 1 Airway to a point on the SAV VOR 176° radial at 49 NM - then along the 176° radial to SAV VOR.

(d) Flight Test Area (4) - is an area of 30 NM, in radius from the Allendale, South Carolina VOR and is for medium altitudes (10,000 - 18,000 feet MSL) for non-hazardous testing and flight training. Flight test areas (1) and (2) shall also be used for high altitude flight training.

(e) Flight Test Area (5) Alternate airports; Hunter Army Airfield (KSVN) and Glynnco Jet Port (KBQK)- Brunswick, Georgia.

(5) Upon showing compliance with § 91.319(b) and with a suitable entry in the aircraft historical records the aircraft may be released for flight within the continental limits of the United States and Alaska.

(6) Upon changing between operating purposes of a multipurpose certificate the operator shall determine that the aircraft is in a condition for safe operation and appropriate for the purpose intended. The operator will then provide the FAA representative a letter stating the purpose of the change in operating purposes. In the case of a market survey operation the letter must also contain the area or over which the operations are to be conducted and an itinerary for those operations. All letters and itineraries for market survey operations must be approved by the Atlanta MIDO in writing prior to conducting those operations. A record entry will then be made by the FAA representative to document that change in operating purposes in the aircraft logbook. A copy of the logbook entry and the letter describing the change in operations will be posted in the aircraft with the original operating limitations.



U.S. Department
of Transportation

Federal Aviation
Administration

EXPERIMENTAL OPERATING LIMITATIONS

RESEARCH AND DEVELOPMENT/SHOWING COMPLIANCE WITH THE REGULATIONS AND MARKET SURVEY
MAKE: GULFSTREAM MODEL: GV-SP(G550) S/N: 5024 REGISTRATION: N924GA

PAGE 2 OF 3

(7) This aircraft shall not be operated unless it is inspected and maintained in accordance with the manufacturer's recommendations. The owner/operator shall select, establish, identify, and use an inspection program as set forth in § 91.409 (e) (f) (g) (h). This inspection shall be recorded in the aircraft maintenance records

(8) The PIC of this aircraft must hold an appropriate category/class rating. If required for the type of aircraft to be flown, the PIC must also hold either an appropriate type rating or a Letter of Authority issued by an FAA Flight Standards Operations Inspector.

(9) This aircraft may be operated under Visual Flight Rules (VFR) or Instrument Flight Rules (IFR) and must be properly equipped for instrument flight in accordance with § 91.205.

(10) No person may operate this aircraft for carrying persons or property for compensation or hire.

(11) No person may be carried in this aircraft during flight unless that person is essential for the purpose of the flight.

(12) The PIC of this aircraft shall advise each person carried of the experimental nature of this aircraft, and explain that it does not meet the certification requirements of a standard certificated aircraft.

(13) This aircraft shall contain the placards, markings etc. or other operating instructions developed for its modification required by § 91.9.

(14) This aircraft is prohibited from aerobatic flight; i.e., an intentional maneuver involving an abrupt change in the aircraft's attitude, an abnormal attitude, or abnormal acceleration not necessary for normal flight.

(15) The cognizant FAA office must be notified and their response received in writing prior to flying this aircraft after incorporating a major change defined by § 21.93.

(16) This aircraft shall not be used for glider towing, banner towing, or intentional parachute jumping.

(17) No person shall operate this aircraft unless within the preceding 12 calendar months it has had a condition inspection performed in accordance with the scope and detail of appendix D to part 43, or other FAA approved programs, and found to be in a condition for safe operation. This inspection will be recorded in the aircraft maintenance records.

(18) Only FAA-Certificated mechanics with appropriate ratings as authorized by § 43.3 may perform inspections required by these operating limitations.

(19) Inspections shall be recorded in the aircraft maintenance records showing the following or a similarly worded statement: **"I certify that this aircraft has been inspected on (insert date) in accordance with the scope and detail of the of appendix D to part 43, or other FAA approved program and found to be in a condition for safe operation."** The entry will include the aircraft total time in service, and the name, signature, and certificate type/number held by the person performing the inspection

(20) If the aircraft or engine operating limitations are exceeded, an appropriate entry will be made in the aircraft records.

(21) This aircraft shall not be operated unless it is maintained and inspected in accordance with the requirements of part 43, Maintenance, Preventive Maintenance, Rebuilding, and Alteration.

(22) This aircraft must display the word EXPERIMENTAL in accordance with § 45.23(b).

(23) The PIC of this aircraft shall notify air traffic control of the experimental nature of this aircraft when operating into or out of airports with operating control towers. The PIC shall plan routing that will avoid densely populated areas and congested airways when operating VFR.



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EXPERIMENTAL OPERATING LIMITATIONS

RESEARCH AND DEVELOPMENT/SHOWING COMPLIANCE WITH THE REGULATIONS AND MARKET SURVEY

MAKE: GULFSTREAM MODEL: GV-SP (G550) S/N: 5024 REGISTRATION: N924GA

PAGE 3 OF 3

(24) This aircraft does not meet the requirements of the applicable, comprehensive, and detailed airworthiness code as provided by Annex 8 of the International Convention of Civil Aviation (ICAO). The owner/operator of this aircraft must obtain written permission from another country's Civil Airworthiness Authority (CAA) prior to operating this aircraft in or over that country. That written permission must be carried aboard the aircraft together with the U. S. airworthiness certificate and, upon request, be made available to an FAA inspector or the CAA in the country of operation.

(25) Aircraft instruments and equipment installed and used under § 91.205 must be inspected and maintained in accordance with the requirements of parts 43 & 91. Any maintenance or inspection of this equipment must be recorded in the aircraft maintenance records.

(26) Application must be made to the FAA Certifying Office for any revision to these operating limitations.

(27) Section 47.45 requires that the FAA Aircraft Registry must be notified within 30 days for any change of the aircraft registrant's address. Such notification is to be made by submitting FAA Form 8050-1, Aircraft Registration Application, to AFS 750 in Oklahoma City.

(28) The following placard is to be displayed inside the aircraft, in letters at least 3/8" in height and in a location easily visible and legible to all persons entering the aircraft: "PASSENGER NOTICE: THIS AIRCRAFT DOES NOT COMPLY WITH FEDERAL SAFETY REGULATIONS FOR STANDARD AIRCRAFT."

(29) The engines will be operated and maintained in accordance with the applicable Rolls Royce Operational Limitations Notices (OLN's) and the instructions for continued airworthiness contained in the maintenance manual for the BR700-710C4-11 Engines.

Paul D. Jacobs
Gulfstream Aerospace Corp.
ODARF100127CE

Issued on 11/14/03 in Savannah, GA

INTEROFFICE MEMO
Gulfstream®
A GENERAL DYNAMICS COMPANY

Date: December 19, 2003

Action ☐
Information Only ☐
Reply ☐

To: Paul Jacobs

From: Mike Harden

CMH-IOM-03-094

Subject: Aircraft GVSP 5024 Special Airworthiness Certificate

Gulfstream Flight Test is requesting that the Special Airworthiness Certificate in the Experimental Category on GVSP aircraft SN 5024 to be moved from Research and Development to Show Compliance with the Regulations for TIA TD7198AT-T Certification Ground Test Plan for GV-SP-PDB Cooling with PSU Low Fan Speed. All of the installations are in accordance with 1159F57012 Note 8 and 1159AC57022, The installations are on FAA approved Gulfstream drawings and will be tested with an FAA approved Gulfstream Flight Test plan GVSP-FT-00-083 Rev A.

All of the company ground testing is complete and it is requested that the aircraft be placed in the Experimental Category of Show Compliance for FAA certification.

The aircraft has been built utilizing the standard production change order system (PCO) following the MMF work order. In addition, flight test and the instrumentation systems have been installed using flight test drawings and the Flight Test Work Authorization system. The instrumentation installed will monitor system performance and operating characteristics and is calibrated to the latest standards.

There are no open projects (either company or FAA) on this aircraft.

The aircraft will be maintained by Flight Test personnel in accordance with the approved Maintenance Manual procedures. The aircraft will be flown to the test site and will conduct the ground testing at the agreed upon location. The aircraft will relocate back to its home base after the certification testing is complete.

M. Harden

Mike Harden
Manager, Flight Test Operations Support

Gulfstream

A GENERAL DYNAMICS COMPANY

MEMORANDUM

Date: November 14, 2003

FT-IOM-03-045

To: Paul Jacobs

cc:

From: Bill Osborne

Subject: G550 JAA Flight Test Program Letter - S/N 5024

Gulfstream Flight Test requests that GV-SP (G550) S/N 5024 be placed in experimental category for research & development, show compliance with regulations, and market survey for flight demonstrations of the JAA configuration. S/N 5024 will be modified to the JAA configuration by revisions to the APM settings for PlaneView software version GV 18.11.

Documentation of the airplane modification utilized the standard production change order system and the Flight Test Work Authorization system following the MMF work order. Hangar and ground tests have been completed and have verified that system operations meet all safety of flight requirements. All operations will be conducted at the Savannah, GA facility. Gulfstream Flight Test maintenance personnel will maintain the airplane in accordance with approved maintenance manual procedures.



Bill Osborne
Gulfstream Flight Test

Approved Robert L. Smith
19-04
ODAC 10/19/03

Conformity Inspection Record			1. Project Number, TIA/Request Date: Standard Airworthiness Certificate PA1008CE		2. SHEET 1 of 4 Sheets	
3. Applicant/Manufacturer: Gulfstream Aerospace Corporation P.O. Box 2206 Savannah, Ga. 31402			4. Beginning Date: 1/19/04		5. Ending Date: 1/19/04	
6. Model: GV-SP (G550) S/N 5024 N924GA			7. Inspected By: <i>Robert L. Kindle II</i> Robert L. Kindle II ODARF100127CE			
8. Item No.	9. Nomenclature of Item Inspected	10. Drawing, Document, Specification, etc.	11. Revision and Date	12. No. of Items Determined SAT.	12. No. of Items Determined UNSAT.	13. Comments
1	Application	8130-6	5/01	1		Reviewed application for 5024 for the purpose of a standard airworthiness certificate dated 1/19/04.
2	Program Letter	CMH-IOM-04-003	01/16/04	1		Received a program letter dated 1/16/04 for the purpose of requesting the experimental ticket be removed and a standard ticket be issued.
3	Aircraft Registry			1		Verified the online registry and the Faa registry letter dated 4/03/02. N924GA has been assigned to aircraft 5024.
4	Weight & Balance		Basic 1/03	1		Verified the amended weight and balance dated 1/19/04. Aircraft is within CG envelope.
5	Registration	8150-6	8/97	1		Verified the dealer registration dated 12/17/03. Expires 12/16/04.
6	Airworthiness Directives	Airworthiness Directives Listing		1		Reviewed AD'S through the bi-weekly 2004-01. Verified there are no manufacturing AD's against the GV-SP.
		Biweekly Listing 2004-01				

INSTRUCTIONS

1. List the FAA assigned project number along with date of TIA or Request for Conformity, as applicable.
2. Self-explanatory.
3. List the applicant or the manufacturer, or both. (The manufacturer may be the party producing or responsible for the product).
4. List the date the inspection began.
5. List the date the inspection ended.
6. If inspecting an aircraft, list the make, model, N-number, and serial number. For an engine or propeller, list the make, model, and serial number.
7. Aviation safety inspectors must type or print name, sign, and enter office identification number.
8. Assign consecutive numbers for each item inspected.
9. List the name or description of the part, appliance, assembly, drawing, document, specification, or name of the process being evaluated.
10. List the technical data that describes the item listed in Block 9. i.e., drawing number, document number, process specification number, etc.
11. List the revision level and date of the technical data described in Block 10.
12. List the number of items that were determined satisfactory or unsatisfactory. Do not record individual characteristics. **NOTE:** (An item is a single article or unit containing one or more dimensional characteristics or features.)
13. Enter comments in this block that will support any information given in Blocks 8 through 12. i.e., unsatisfactory conditions, corrective actions taken, reference to other item numbers listed, serial numbers, type of inspection accomplished, destination of exported products, buyer furnished equipment, parts processed through manufacturer's maintenance facility, part new or newly overhauled, condition of part or assembly, etc.
14. To be used for supplementing items 1-13.

NOTE: Unsatisfactory conditions are corrected in one of two ways:

Method 1: If action is presented to correct an unsatisfactory condition, the action is entered in Block 13 and the number in the UNSAT column of Block 12 is lined through and initialed. The number of items now determined satisfactory is entered in the SAT column next to the corrective action entry.

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14. Continuation Block

Conformity Inspection Record				1. Project Number, TIA/Request Date: Standard Airworthiness Certificate PA1008CE		2. SHEET 2 of 4 Sheets	
3. Applicant/Manufacturer: Gulfstream Aerospace Corporation P.O. Box 2206 Savannah, Ga. 31402			4. Beginning Date: 1/19/04		5. Ending Date: 1/19/04		
6. Model: GV-SP (G550) S/N 5024 N924GA			7. Inspected By: <i>Robert L. Kindle II</i> Robert L. Kindle II ODARF100127CE				
8. Item No.	9. Nomenclature of Item Inspected	10. Drawing, Document, Specification, etc.	11. Revision and Date	12. No. of Items Determined SAT. UNSAT.	13. Comments		
7	TC Data Sheet	A12EA (5001 and sub)	Rev. 26 8/14/03	1	Verified that the GV-SP has been added to the data sheet for 5001 & sub.		
8	Aircraft I.D. Plate	FAR 45		1	Verified the I.D. plate for A/C 5024 has TC No. A12EA and PC No. PC7SO. Verified the ID plate matches the application.		
9	Flight Manual	GAC-AC-G550-OPS-0001	Rev. 4 12/05/03	1	Verified the latest revision level for the GV-SP flight manual .		
10	Equipment List			1	Verified the equipment using the list from the weight & balance For A/C 5024.		
11	GVSP Software Configuration	1159SWC59000	Rev. A 9/26/03 EO B12 1/15/04	1	Verified the following software configuration for the avionics for the GV-SP S/N 5024. Configuration p/n TT7033383-002 ECL checklist Gvpv001_000000L_ecl CMC 1 LDI GPV_LDI_GOLF1_DOC		
12	GAC Alerts			1	Verified the following GAC alert was c/w using insp. records. 03-056 -23 wire harness chaffing 03-057 Main Gear 03-060 Terminal Resistors Bad 03-061 Fairing Assy. Washers		

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13	Due List			1	Verified the maintenance due list was maintained during the	
					Experimental phase in accordance with chapter 5 of the maintenance manual.	
14	Work Order / FTWA's			1	Verified the work order / FTWA for A/C 5024 has a quality acceptance stamp and been closed out.	
15	Removal & Installation	GA17	06/99	1	Verified the quality acceptance for the R&I log for A/C 5024.	
16	Ground Inspection			1	Visually inspected the following area's for safety and security. L/H & R/H Wheel Wells L/H & R/H Rear Beams Nose Wheel Well L/H & R/H Cheek Area Cockpit Cabin Baggage Compartment Tail Compartment	
17	Special Airworthiness Certificate	8130-7	10/82	1	Special Airworthiness Certificate dated 1/14/03 has been superseded on 1/19/04 for the purpose of returning the aircraft to a standard airworthiness condition.	

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14. Continuation Block

2. SHEET 4 of 4 Sheets

5. Ending Date:

1/19/04

7. Inspected By: Robert L. Kindle II
Robert L. Kindle II ODARF100127CE

Robert L. Kindle II ODARF100127CE

[illegible]

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14. Continuation Block

U.S. Department
of Transportation
Federal Aviation
AdministrationAPPLICATION FOR
AIRWORTHINESS
CERTIFICATE

INSTRUCTIONS - Print or type. Do not write in shaded areas. These are for FAA use only. Submit original only to an authorized FAA Representative. If additional space is required use an attachment. For special flight permits complete Sections II, VI and VII as applicable.

I. AIRCRAFT DESCRIPTION	1. REGISTRATION MARK N924GA	2. AIRCRAFT BUILDER'S NAME (Make) Gulfstream	3. AIRCRAFT MODEL DESIGNATION GV- SP (G550)	4. YR MFR 2003	FAA CODING 3980101
	5. AIRCRAFT SERIAL NO. 5024	6. ENGINE BUILDERS NAME (Make) Rolls Royce	7. ENGINE MODEL DESIGNATION BR700-710C4-11	54565	
	8. NUMBER OF ENGINES (2)	9. PROPELLER BUILDER'S NAME (Make) N/A	10. PROPELLER MODEL DESIGNATION N/A	11. AIRCRAFT IS (Check if applicable) ☐ IMPORT	
	APPLICATION IS HEREBY MADE FOR: (Check applicable items)				
II. CERTIFICATION REQUESTED	A ☐ 1 STANDARD AIRWORTHINESS CERTIFICATE (Indicate category) ☐ NORMAL ☐ UTILITY ☐ ACROBAT ☒ TRANSPORT ☐ COMMUTER ☐ BALLOON ☐ OTHER				
	B ☒ SPECIAL AIRWORTHINESS CERTIFICATE (Check appropriate items)				
	7 ☐ PRIMARY				
	2 ☐ LIMITED				
	5 ☐ PROVISIONAL (Indicate class)				
	1 ☐ Class I				
	2 ☐ Class II				
	3 ☐ RESTRICTED (Indicate operation(s) to be conducted)				
	1 ☐ AGRICULTURE AND PEST CONTROL 2 ☐ AERIAL 3 ☐ AERIAL ADVERTISING				
	4 ☐ FOREST (Wildlife conservation) 5 ☐ PATROLLING 6 ☐ WEATHER CONTROL				
0 ☐ OTHER (Specify)					
4 ☒ EXPERIMENTAL (Indicate operation(s) to be conducted)					
1 ☒ RESEARCH AND DEVELOPMENT 2 ☐ AMATEUR BUILT 3 ☐ EXHIBITION					
4 ☐ AIR RACING 5 ☐ CREW TRAINING 6 ☒ MARKET SURVEY					
0 ☒ TO SHOW COMPLIANCE WITH THE CFR 7 ☐ OPERATING (Primary Category) KIT BUILT AIRCRAFT					
8 ☐ SPECIAL FLIGHT PERMIT (Indicate operation to be conducted then complete Section VI or VII as applicable on reverse side)					
1 ☐ FERRY FLIGHT FOR REPAIRS, ALTERATIONS, MAINTENANCE, OR STORAGE					
2 ☐ EVACUATE FROM AREA OF IMPENDING DANGER					
3 ☐ OPERATION IN EXCESS OF MAXIMUM CERTIFICATED TAKE-OFF WEIGHT					
4 ☐ DELIVERING OR EXPORTING 5 ☐ PRODUCTION FLIGHT TESTING					
6 ☐ CUSTOMER DEMONSTRATION FLIGHTS					
C ☐ 6 MULTIPLE AIRWORTHINESS CERTIFICATE (Check ABOVE: "Restricted Operation" and "Standard" or "Limited" as applicable)					
III. OWNER'S CERTIFICATION	A. REGISTERED OWNER (As shown on certificate of aircraft registration) IF DEALER, CHECK HERE ☒				
	NAME Gulfstream Aerospace Corporation		ADDRESS 500 Gulfstream Rd. Savannah, GA 31407-9643		
	B. AIRCRAFT CERTIFICATION BASIS (Check applicable blocks and complete items as indicated)				
	☒ AIRCRAFT SPECIFICATION OR TYPE CERTIFICATE DATA SHEET (Give No. and Revision No.) A12EA Rev. 26		☒ AIRWORTHINESS DIRECTIVES (Check if all applicable AD's complied with and give the number of the last AD SUPPLEMENT available in the biweekly series as of the date of application) 2003-22-05		
	☒ AIRCRAFT LISTING (Give page number(s)) N/A		☒ SUPPLEMENTAL TYPE CERTIFICATE (List number of each STC incorporated) N/A		
	C. AIRCRAFT OPERATION AND MAINTENANCE RECORDS				
☒ CHECK IF RECORDS IN COMPLIANCE WITH 14 CFR section 91.417		TOTAL AIRFRAME HOURS 8:26 Hrs.		3 ☐ EXPERIMENTAL ONLY (Enter hours flown since last certificate issued or renewed) N/A	
D. CERTIFICATION - I hereby certify that I am the registered owner (or his agent) of the aircraft described above, that the aircraft is registered with the Federal Aviation Administration in accordance with Title 49 of the United States Code 44101 et seq. and applicable Federal Aviation regulations, and that the aircraft has been inspected and is airworthy and eligible for the airworthiness certificate requested.					
DATE OF APPLICATION 11/14/03		NAME AND TITLE (Print or type) Marcus Kessler, Final Operations Manager		SIGNATURE <i>Marcus Kessler</i>	
IV. INSPECTION AGENCY VERIFICATION	A. THE AIRCRAFT DESCRIBED ABOVE HAS BEEN INSPECTED AND FOUND AIRWORTHY BY (Complete these sections only if 14 CFR part 21.183(d) applies)				
	2 ☐ 14 CFR PART 121 CERTIFICATE HOLDER (Give Certificate No.)	3 ☐ CERTIFICATED MECHANIC (Give Certificate No.)	6 ☐ CERTIFICATED REPAIR STATION (Give Certificate No.)		
	5 ☐ AIRCRAFT MANUFACTURER (Give name or firm)				
DATE		TITLE		SIGNATURE	
V. FAA REPRESENTATIVE CERTIFICATION	(Check ALL applicable blocks in items A and B)		☒ THE CERTIFICATE REQUESTED		
	A. I find that the aircraft described in Section I or VII meets requirements for		4 ☐ AMMENDMENT OR MODIFICATION OF CURRENT AIRWORTHINESS CERTIFICATE		
	B. Inspection for a special flight permit under Section VII was conducted by:		☐ FAA INSPECTOR ☐ FAA DESIGNEE		
	☐ CERTIFICATE HOLDER UNDER		☐ 14 CFR part 65 ☐ 14 CFR part 121 or 135 ☐ 14 CFR part 145		
DATE 11/14/03		DISTRICT OFFICE CE42		DESIGNEE'S SIGNATURE AND NO. <i>Paul D. Jacobs</i> Paul D. Jacobs ODARF100127CE	
				FAA INSPECTOR'S SIGNATURE <i>NS</i> RECEIVED ATLANTA	

VI. PRODUCTION FLIGHT TESTING	A. MANUFACTURER			
	NAME		ADDRESS	
	B. PRODUCTION BASIS <i>(Check applicable items)</i>			
	☐ PRODUCT CERTIFICATE <i>(Give production certificate number)</i> ☐ TYPE CERTIFICATE ONLY ☐ APPROVED PRODUCTION INSPECTION SYSTEM			
	C. GIVE QUANTITY OF CERTIFICATES REQUIRED FOR OPERATING NEEDS →			
DATE OF APPLICATION		NAME AND TITLE <i>(Print or type)</i>		SIGNATURE
VII. SPECIAL FLIGHT PERMIT PURPOSES OTHER THAN PRODUCTION FLIGHT TEST	A. DESCRIPTION OF AIRCRAFT			
	REGISTERED OWNER		ADDRESS	
	BUILDER <i>(Make)</i>		MODEL	
	SERIAL NUMBER		REGISTRATION MARK	
	B. DESCRIPTION OF FLIGHT CUSTOMER DEMONSTRATION FLIGHTS ☐ <i>(Check if applicable)</i>			
	FROM		TO	
	VIA		DEPARTURE DATE	DURATION
	C. CREW REQUIRED TO OPERATE THE AIRCRAFT AND ITS EQUIPMENT			
	☐ PILOT ☐ CO-PILOT ☐ FLIGHT ENGINEER ☐ OTHER <i>(Specify)</i>			
	D. THE AIRCRAFT DOES NOT MEET THE APPLICABLE AIRWORTHINESS REQUIREMENTS AS FOLLOWS			
	E. THE FOLLOWING RESTRICTIONS ARE CONSIDERED NECESSARY FOR SAFE OPERATION <i>(Use attachment if necessary)</i>			
F. CERTIFICATION - I hereby certify that I am the registered owner (or his agent) of the aircraft described above: that the aircraft is registered with the Federal Aviation Administration in accordance with Title 49 of the United States Code 44101 <u>et seq.</u> , and applicable Federal Aviation Regulations, and that the aircraft has been inspected and is airworthy for the flight described.				
DATE		NAME AND TITLE <i>(Print or type)</i>		SIGNATURE
VIII. AIRWORTHINESS DOCUMENTATION (FAA/DESIGNEE use only)	☒	A. Operating Limitations and Markings in compliance with 14 CFR section 91.9 as Applicable		☐ G. Statement of conformity, FAA Form 8130-9 <i>(Attach when required)</i>
	☒	B. Current Operating Limitations Attached		☐ H. Foreign Airworthiness Certification for Import Aircraft <i>(Attached when required)</i>
	☐	C. Data, Drawings, Photographs, etc. <i>(Attach when required)</i>		☒ I. Previous Airworthiness Certificate issued in Accordance with
	☒	D. Current Weight and Balance Information Available in Aircraft		14 CFR Section <u>21.183 (d)</u> CAR _____ <i>(Original attached)</i>
	☐	E. Major Repair and Alteration, FAA Form 337 <i>(Attached when required)</i>		☒ J. Current Airworthiness Certificate Issued in Accordance with
	☐	F. This inspection Recorded in Aircraft Records		14 CFR Section <u>21.191(a) (b) (f)</u> <i>(Copy attached)</i>
	☒			

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION—FEDERAL AVIATION ADMINISTRATION
SPECIAL AIRWORTHINESS CERTIFICATE

A	CATEGORY/DESIGNATION EXPERIMENTAL	
	PURPOSE RESEARCH AND DEVELOPMENT/SHOW COMPLIANCE AND MARKET SURVEY	
B	MANU-FACTURER	NAME N/A
		ADDRESS N/A
C	FLIGHT	FROM N/A
		TO N/A
D	N— 924GA	SERIAL NO. 5024
	BUILDER GULFSTREAM	MODEL GV-SP (G550)
E	DATE OF ISSUANCE 11/14/03 EXPIRY 02/13/04	
	OPERATING LIMITATIONS DATED 11/14/03 ARE A PART OF THIS CERTIFICATE	
	SIGNATURE OF FAA REPRESENTATIVE PAUL D. JACOBS <i>Paul D. Jacobs</i>	DESIGNATION OR OFFICE NO. ODARF100127CE

Any alteration, reproduction or misuse of this certificate may be punishable by a fine not exceeding \$1,000 or imprisonment not exceeding 3 years, or both. THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT IN ACCORDANCE WITH APPLICABLE FEDERAL AVIATION REGULATIONS.

A	This airworthiness certificate is issued under the authority of the Federal Aviation Act of 1958 and the Federal Aviation Regulations (FAR).
B	This airworthiness certificate authorizes the manufacturer named on the reverse side to conduct production flight tests, and only production flight tests, of aircraft registered in his name. No person may conduct production flight tests under this certificate: (1) Carrying persons or property for compensation or hire; and/or (2) Carrying persons not essential to the purpose of the flight.
C	This airworthiness certificate authorizes the flight specified on the reverse side for the purpose shown in Block A.
D	This airworthiness certificate certifies that, as of the date of issuance, the aircraft to which issued has been inspected and found to meet the requirements of the applicable FAR. The aircraft does not meet the requirements of the applicable comprehensive and detailed airworthiness code as provided by Annex 8 to the Convention On International Civil Aviation. No person may operate the aircraft described on the reverse side: (1) except in accordance with the applicable FAR and in accordance with conditions and limitations which may be prescribed by the Administrator as part of this certificate; (2) over any foreign country without the special permission of that country.
E	Unless sooner surrendered, suspended, or revoked, this airworthiness certificate is effective for the duration and under the conditions prescribed in FAR Part 21, Section 21.181 or 21.217.

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION—FEDERAL AVIATION ADMINISTRATION
STANDARD AIRWORTHINESS CERTIFICATE

1. NATIONALITY AND REGISTRATION MARKS N924GA	2. MANUFACTURER AND MODEL Gulfstream GV-SP (G550)	3. AIRCRAFT SERIAL NUMBER 50425	4. CATEGORY Transport
5. AUTHORITY AND BASIS FOR ISSUANCE This airworthiness certificate is issued pursuant to the Federal Aviation Act of 1958 and certifies that, as of the date of issuance, the aircraft to which issued has been inspected and found to conform to the type certificate therefor, to be in condition for safe operation, and has been shown to meet the requirements of the applicable comprehensive and detailed airworthiness code as provided by Annex 8 to the Convention on International Civil Aviation, except as noted herein. Exceptions: Exemption No. 7946, 25.813 (e) - Door Between Passenger Compartments Exemption No. 8004, 25.901 (a) Single Failure Criteria			
6. TERMS AND CONDITIONS Unless sooner surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator, this airworthiness certificate is effective as long as the maintenance, preventative maintenance, and alterations are performed in accordance with Parts 43, 45, and 91 of the Federal Aviation Regulations, as appropriate, and the aircraft is registered in the United States.			
DATE OF ISSUANCE A11/01/2008	FAA REPRESENTATIVE George M. Waters	DESIGNATION NUMBER ODARF100127CE	

Any alteration, reproduction, or misuse of this certificate may be punishable by a fine not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT IN ACCORDANCE WITH APPLICABLE FEDERAL AVIATION REGULATIONS.



U.S. Department
of Transportation

Federal Aviation
Administration

EXPERIMENTAL OPERATING LIMITATIONS

RESEARCH AND DEVELOPMENT/SHOWING COMPLIANCE WITH THE REGULATIONS AND MARKET SURVEY

MAKE: GULFSTREAM MODEL: GV-SP (G550) S/N: 5024 REGISTRATION: N924GA

PAGE 1 OF 3

(1) No person may operate this aircraft unless the Special Airworthiness Certificate, FAA Form 8130-7, for this aircraft is displayed at the cabin or cockpit entrance so that it is visible to the passengers or crew.

(2) No person may operate this aircraft for other than the purpose of RESEARCH AND DEVELOPMENT/SHOWING COMPLIANCE/ WITH THE REGULATIONS AND MARKET SURVEY to accomplish the flight operations outlined in the applicant's letter dated 11/14/03 describing compliance with § 21.193(d), and made available to the pilot in command of the aircraft. Additionally, this aircraft shall be operated in accordance with applicable air traffic and general operating rules of part 91, and all additional limitations herein prescribed under the provisions of § 91.319(e). These operating limitations are part of the Special Airworthiness Certificate, FAA Form 8130-7 dated 11/14/03 and are to be carried in the aircraft at all times for availability to the pilot.

(3) The owner/operator of this aircraft must ensure that a copy of the current program letter is carried on board the aircraft at all times.

(4) All flights shall be conducted within the geographical area described as follows:

This aircraft is limited to flight test area #1 through 5. Except as amended by the log book entry required by item (5) of these operating limitations.

(a) Flight test area (1) - is designated as the primary test area. It is located offshore in the FAR 73 Special Use Airspace commonly referred to as the "Warning Area". It specifically includes all the airspace normally controlled by the US Navy Fleet Area Control and Surveillance Facility in Jacksonville, Florida. It is identified on aeronautical charts as W-132, W-134, W-157, W-158 and W-159. The physical description of these Special Use Areas may be found in FAA Order 7400.8G. These areas are used under a Letter of Agreement between Gulfstream, the US Navy and Jacksonville Center, which are controlling authorities.

(b) Flight test area (2) - is designated as the primary test area when it is necessary to conduct tests on airways or with ATC assistance. An IFR flight plan shall be filed and flights shall be under the control of the Jacksonville or Atlanta ARTCC. Area (2) is normally bounded by Savannah, Georgia - Charleston, South Carolina - Florence, South Carolina - Columbia, South Carolina - Savannah, Georgia with a 10 NM buffer zone around this area to allow flying from point to point. The area may be modified by ATC to provide proper separation of test activities and commercial traffic. Altitude is as authorized by the controlling agency and aircraft operating limitations.

(c) Flight Test Area (3) - is designated a secondary flight test area when required due to weather or other considerations. The block of altitude will normally be from sea level to 18,000 feet MSL. Area (3) is designated as follows: from SAV VOR out the 082° radial for 55 NM - then southwest along the coast remaining east of Victor 1 Airway to a point on the SAV VOR 176° radial at 49 NM - then along the 176° radial to SAV VOR.

(d) Flight Test Area (4) - is an area of 30 NM, in radius from the Allendale, South Carolina VOR and is for medium altitudes (10,000 - 18,000 feet MSL) for non-hazardous testing and flight training. Flight test areas (1) and (2) shall also be used for high altitude flight training.

(e) Flight Test Area (5) Alternate airports; Hunter Army Airfield (KSVN) and Glynnco Jet Port (KBQK)- Brunswick, Georgia.

(5) Upon showing compliance with § 91.319(b) and with a suitable entry in the aircraft historical records the aircraft may be released for flight within the continental limits of the United States and Alaska.

(6) Upon changing between operating purposes of a multipurpose certificate the operator shall determine that the aircraft is in a condition for safe operation and appropriate for the purpose intended. The operator will then provide the FAA representative a letter stating the purpose of the change in operating purposes. In the case of a market survey operation the letter must also contain the area or over which the operations are to be conducted and an itinerary for those operations. All letters and itineraries for market survey operations must be approved by the Atlanta MIDO in writing prior to conducting those operations. A record entry will then be made by the FAA representative to document that change in operating purposes in the aircraft logbook. A copy of the logbook entry and the letter describing the change in operations will be posted in the aircraft with the original operating limitations.



U.S. Department
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EXPERIMENTAL OPERATING LIMITATIONS

RESEARCH AND DEVELOPMENT/SHOWING COMPLIANCE WITH THE REGULATIONS AND MARKET SURVEY
MAKE: GULFSTREAM MODEL: GV-SP(G550) S/N: 5024 REGISTRATION: N924GA

PAGE 2 OF 3

(7) This aircraft shall not be operated unless it is inspected and maintained in accordance with the manufacturer's recommendations. The owner/operator shall select, establish, identify, and use an inspection program as set forth in § 91.409 (e) (f) (g) (h). This inspection shall be recorded in the aircraft maintenance records

(8) The PIC of this aircraft must hold an appropriate category/class rating. If required for the type of aircraft to be flown, the PIC must also hold either an appropriate type rating or a Letter of Authority issued by an FAA Flight Standards Operations Inspector.

(9) This aircraft may be operated under Visual Flight Rules (VFR) or Instrument Flight Rules (IFR) and must be properly equipped for instrument flight in accordance with § 91.205.

(10) No person may operate this aircraft for carrying persons or property for compensation or hire.

(11) No person may be carried in this aircraft during flight unless that person is essential for the purpose of the flight.

(12) The PIC of this aircraft shall advise each person carried of the experimental nature of this aircraft, and explain that it does not meet the certification requirements of a standard certificated aircraft.

(13) This aircraft shall contain the placards, markings etc. or other operating instructions developed for its modification required by § 91.9.

(14) This aircraft is prohibited from aerobatic flight; i.e., an intentional maneuver involving an abrupt change in the aircraft's attitude, an abnormal attitude, or abnormal acceleration not necessary for normal flight.

(15) The cognizant FAA office must be notified and their response received in writing prior to flying this aircraft after incorporating a major change defined by § 21.93.

(16) This aircraft shall not be used for glider towing, banner towing, or intentional parachute jumping.

(17) No person shall operate this aircraft unless within the preceding 12 calendar months it has had a condition inspection performed in accordance with the scope and detail of appendix D to part 43, or other FAA approved programs, and found to be in a condition for safe operation. This inspection will be recorded in the aircraft maintenance records.

(18) Only FAA-Certificated mechanics with appropriate ratings as authorized by § 43.3 may perform inspections required by these operating limitations.

(19) Inspections shall be recorded in the aircraft maintenance records showing the following or a similarly worded statement: "I certify that this aircraft has been inspected on (insert date) in accordance with the scope and detail of the of appendix D to part 43, or other FAA approved program and found to be in a condition for safe operation." The entry will include the aircraft total time in service, and the name, signature, and certificate type/number held by the person performing the inspection

(20) If the aircraft or engine operating limitations are exceeded, an appropriate entry will be made in the aircraft records.

(21) This aircraft shall not be operated unless it is maintained and inspected in accordance with the requirements of part 43, Maintenance, Preventive Maintenance, Rebuilding, and Alteration.

(22) This aircraft must display the word EXPERIMENTAL in accordance with § 45.23(b).

(23) The PIC of this aircraft shall notify air traffic control of the experimental nature of this aircraft when operating into or out of airports with operating control towers. The PIC shall plan routing that will avoid densely populated areas and congested airways when operating VFR.



U.S. Department
of Transportation

Federal Aviation
Administration

EXPERIMENTAL OPERATING LIMITATIONS

RESEARCH AND DEVELOPMENT/SHOWING COMPLIANCE WITH THE REGULATIONS AND MARKET SURVEY

MAKE: GULFSTREAM MODEL: GV-SP (G550) S/N: 5024 REGISTRATION: N924GA

PAGE 3 OF 3

(24) This aircraft does not meet the requirements of the applicable, comprehensive, and detailed airworthiness code as provided by Annex 8 of the International Convention of Civil Aviation (ICAO). The owner/operator of this aircraft must obtain written permission from another country's Civil Airworthiness Authority (CAA) prior to operating this aircraft in or over that country. That written permission must be carried aboard the aircraft together with the U. S. airworthiness certificate and, upon request, be made available to an FAA inspector or the CAA in the country of operation.

(25) Aircraft instruments and equipment installed and used under § 91.205 must be inspected and maintained in accordance with the requirements of parts 43 & 91. Any maintenance or inspection of this equipment must be recorded in the aircraft maintenance records.

(26) Application must be made to the FAA Certifying Office for any revision to these operating limitations.

(27) Section 47.45 requires that the FAA Aircraft Registry must be notified within 30 days for any change of the aircraft registrant's address. Such notification is to be made by submitting FAA Form 8050-1, Aircraft Registration Application, to AFS 750 in Oklahoma City.

(28) The following placard is to be displayed inside the aircraft, in letters at least 3/8" in height and in a location easily visible and legible to all persons entering the aircraft: "PASSENGER NOTICE: THIS AIRCRAFT DOES NOT COMPLY WITH FEDERAL SAFETY REGULATIONS FOR STANDARD AIRCRAFT."

(29) The engines will be operated and maintained in accordance with the applicable Rolls Royce Operational Limitations Notices (OLN's) and the instructions for continued airworthiness contained in the maintenance manual for the BR700-710C4-11 Engines.

Paul D. Jacobs
Gulfstream Aerospace Corp.
ODARF100127CE

Issued on 11/14/03 in Savannah, GA

- Conformity Inspection Record			1. Project Number, TIA /Request Date Special Airworthiness Certification PA10008CE		2. Sheet 1 of 3 Sheets	
3. Applicant / Manufacturer: Gulfstream Aerospace Corporation			4. Beginning Date: 11/14/03		5. Ending Date: 11/14/03	
6. Model: GV-SP (G550) S/N 5024 N924GA			7. Inspected By: Paul D. Jacobs ODARF100127CE		13. Comments	
8. Item No.	9. Nomenclature of item inspected	10. Drawing, Document, Specification, ect.	11. Revision and Date	12. No. of Items Determined SAT.	UNSAT.	13. Comments
1	Application For Airworthiness Certificate	FAA Form 8130-6	5-01	1		Received And Reviewed 8130-6 Dated 11/14/03 From GAC For Special Airworthiness Certificate For GV-SP (G550) S/N 5024 N924GA.
2	Registration	FAR 47		1		Verified Registration Number N924GA Is Assigned To GV-SP S/N 5024 . Ref Flt Std Services Letter Dated 4-3-02.
3	Aircraft Marking	FAR 45		1		Verified Aircraft Registration Number N924GA Is Properly Displayed I/AW FAR Reqmts. Also Verified Experimental Markings And Pax Warning Notice Installed.
4	Aircraft Data Plate	1159SB59299	Rev A 7-31-03	1		Verified Act. Data Plate Installed I/AW B/P Reqmts. Also Verified Info On Data Plate Matches 8130-6
5	Airworthiness Directives	FAR 39		1		Reviewed AD's Through Biweekly Listing 2003-22 Verified No AD's Are Applicable To This Aircraft.
6	Aircraft Weight And Balance Manual		Basic Issue 1-03	1		Verified Weight And Balance GV-SP (G550) 5024 Dated 10-14-03 Aircraft is Within Limits.

INSTRUCTIONS

1. List the FAA assigned project number along with date of TIA or Request for Conformity, as applicable.
2. Self-explanatory
3. List the applicant or the manufacturer, or both. (The manufacturer may be the party producing or responsible for the product).
4. List the date the inspection began.
5. List the date the inspection ended.
6. If inspecting an aircraft, list the make, model, N-number, and serial number. For an engine or propeller, list the make, model, and serial number.
7. Aviation safety inspectors must type or print name, sign, and enter office identification. Designees must type or print name, sign, and list their designee identification number.
8. Assign consecutive numbers for each item inspected.
9. List the name or description of the part, appliance, assembly, drawing, document, specification, or name of the process being evaluated.
10. List the technical data that describes the item listed in Block 9, i.e., drawing number, document number, process specification number, etc.
11. List the revision level and date of the technical data described in Block 10.
12. List the number of items that were determined satisfactory or unsatisfactory. Do not record individual characteristics. **NOTE:** (An item is a single article or unit containing one or more dimensional characteristics or features)
13. Enter comments in this block that will support any information given in Blocks 8 through 12, i.e., unsatisfactory conditions, corrective actions taken, reference to other item numbers listed, serial numbers, type of inspection accomplished, destination of exported products, buyer furnished equipment, parts processed through manufacturer's maintenance facility, part new or newly overhauled, condition of part or assembly, etc.
14. To be used for supplementing items 1-13.

NOTE: Unsatisfactory conditions are corrected in one of two ways:

Method 1: If action is presented to correct an unsatisfactory condition, the action is entered in Block 13 and the number in the UNSAT column of Block 12 is lined through and initialed. The number of items now determined satisfactory is entered in the SAT column next to the corrective action entry.

Method 2: If corrective action is not presented, the inspector may continue the inspection by entering the next item inspected. When corrective action to the unsatisfactory condition is eventually presented, assign the item a new number and record the number in Block 8. Complete Blocks 9 and 10, enter a new revision and date if data has changed, and enter the number of items determined satisfactory in Block 12. Record both the corrective action taken and the item number of the unsatisfactory condition in Block 13. Place the item number in parenthesis. Next, line through and initial the number in the UNSAT column located next to Block 13 containing the unsatisfactory condition. Record the corrective action entry item number along with the unsatisfactory condition statement and place the number in parenthesis.

14. Continuation Block

INSTRUCTIONS

1. List the FAA assigned project number along with date of TIA or Request for Conformity, as applicable.
2. Self-explanatory
3. List the applicant or the manufacturer, or both. (The manufacturer may be the party producing or responsible for the product).
4. List the date the inspection began.
5. List the date the inspection ended.
6. If inspecting an aircraft, list the make, model, N-number, and serial number. For an engine or propeller, list the make, model, and serial number.
7. Aviation safety inspectors must type or print name, sign, and enter office identification. Designees must type or print name, sign, and list their designee identification number.
8. Assign consecutive numbers for each item inspected.
9. List the name or description of the part, appliance, assembly, drawing, document, specification, or name of the process being evaluated.
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4. List the date the inspection began.
5. List the date the inspection ended.
6. If inspecting an aircraft, list the make, model, N-number, and serial number. For an engine or propeller, list the make, model, and serial number.
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8. Assign consecutive numbers for each item inspected.
9. List the name or description of the part, appliance, assembly, drawing, document, specification, or name of the process being evaluated.
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11. List the revision level and date of the technical data described in Block 10.
12. List the number of items that were determined satisfactory or unsatisfactory. Do not record individual characteristics. **NOTE:** (An item is a single article or unit containing one or more dimensional characteristics or features.)
13. Enter comments in this block that will support any information given in Blocks 8 through 12, i.e., unsatisfactory conditions, corrective actions taken, reference to other item numbers listed, serial numbers, type of inspection accomplished, destination of exported products, buyer furnished equipment, parts processed through manufacturer's maintenance facility, part new or newly overhauled, condition of part or assembly, etc.
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14. Continuation Block

U.S. Department
of Transportation
Federal Aviation
AdministrationAPPLICATION FOR
AIRWORTHINESS
CERTIFICATEINSTRUCTIONS - Print or type. Do not write in shaded areas. These are for FAA
use only. Submit original only to an authorized FAA Representative. If additional
space is required use an attachment. For special flight permits complete Sections
II, VI and VII as applicable.

I. AIRCRAFT DESCRIPTION	1. REGISTRATION MARK N924GA	2. AIRCRAFT BUILDER'S NAME (Make) Gulfstream	3. AIRCRAFT MODEL DESIGNATION GV-SP (G550)	4. YR MFR 2003	FAA CODING 3980101 54565
	5. AIRCRAFT SERIAL NO. 5024	6. ENGINE BUILDERS NAME (Make) Rolls Royce	7. ENGINE MODEL DESIGNATION BR700-710C4-11		11. AIRCRAFT IS (Check if applicable) ☐ IMPORT
	8. NUMBER OF ENGINES (2)	9. PROPELLER BUILDER'S NAME (Make) N/A	10. PROPELLER MODEL DESIGNATION N/A		
	APPLICATION IS HEREBY MADE FOR: (Check applicable items)				
II. CERTIFICATION REQUESTED	A. ☒ STANDARD AIRWORTHINESS CERTIFICATE (Indicate category) ☐ NORMAL ☐ UTILITY ☐ ACROBAT ☒ TRANSPORT ☐ COMMUTER ☐ BALLOON ☐ OTHER				
	B. ☐ SPECIAL AIRWORTHINESS CERTIFICATE (Check appropriate items)				
	7. ☐ PRIMARY				
	2. ☐ LIMITED				
	5. ☐ PROVISIONAL (Indicate class)				
	1. ☐ Class I				
	2. ☐ Class II				
	3. ☐ RESTRICTED (Indicate operation(s) to be conducted)				
	1. ☐ AGRICULTURE AND PEST CONTROL 2. ☐ AERIAL 3. ☐ AERIAL ADVERTISING				
	4. ☐ FOREST (Wildlife conservation) 5. ☐ PATROLLING 6. ☐ WEATHER CONTROL				
0. ☐ OTHER (Specify)					
4. ☐ EXPERIMENTAL (Indicate operation(s) to be conducted)					
1. ☐ RESEARCH AND DEVELOPMENT 2. ☐ AMATEUR BUILT 3. ☐ EXHIBITION					
4. ☐ AIR RACING 5. ☐ CREW TRAINING 6. ☐ MARKET SURVEY					
0. ☐ TO SHOW COMPLIANCE WITH THE CFR 7. ☐ OPERATING (Primary Category) KIT BUILT AIRCRAFT					
8. ☐ SPECIAL FLIGHT PERMIT (Indicate operation to be conducted then complete Section VI or VII as applicable on reverse side)					
1. ☐ FERRY FLIGHT FOR REPAIRS, ALTERATIONS, MAINTENANCE, OR STORAGE					
2. ☐ EVACUATE FROM AREA OF IMPENDING DANGER					
3. ☐ OPERATION IN EXCESS OF MAXIMUM CERTIFICATED TAKE-OFF WEIGHT					
4. ☐ DELIVERING OR EXPORTING 5. ☐ PRODUCTION FLIGHT TESTING					
6. ☐ CUSTOMER DEMONSTRATION FLIGHTS					
C. ☐ 6. ☐ MULTIPLE AIRWORTHINESS CERTIFICATE (Check ABOVE: "Restricted Operation" and "Standard" or "Limited" as applicable)					
III. OWNER'S CERTIFICATION	A. REGISTERED OWNER (As shown on certificate of aircraft registration) IF DEALER, CHECK HERE ☒				
	NAME Gulfstream Aerospace Corporation		ADDRESS P.O. Box 2206 Savannah, GA 31402		
	B. AIRCRAFT CERTIFICATION BASIS (Check applicable blocks and complete items as indicated)				
	☒ AIRCRAFT SPECIFICATION OR TYPE CERTIFICATE DATA SHEET (Give No. and Revision No.) A12EA Rev. 26		☒ AIRWORTHINESS DIRECTIVES (Check if all applicable AD's complied with and give the number of the last AD SUPPLEMENT available in the biweekly series as of the date of application) 2003-21-06		
	☒ AIRCRAFT LISTING (Give page number(s)) N/A		☐ SUPPLEMENTAL TYPE CERTIFICATE (List number of each STC incorporated)		
C. AIRCRAFT OPERATION AND MAINTENANCE RECORDS					
☒ CHECK IF RECORDS IN COMPLIANCE WITH 14 CFR section 91.417		TOTAL AIRFRAME HOURS 4:50 Hrs.		3. ☐ EXPERIMENTAL ONLY (Enter hours flown since last certificate issued or renewed) N/A	
D. CERTIFICATION - I hereby certify that I am the registered owner (or his agent) of the aircraft described above, that the aircraft is registered with the Federal Aviation Administration in accordance with Title 49 of the United States Code 44101 et seq. and applicable Federal Aviation regulations, and that the aircraft has been inspected and is airworthy and eligible for the airworthiness certificate requested.					
DATE OF APPLICATION 11/01/2003		NAME AND TITLE (Print or type) Marcus Kessler, Final Operations Manager		SIGNATURE <i>Marcus Kessler</i>	
IV. INSPECTION AGENCY VERIFICATION	A. THE AIRCRAFT DESCRIBED ABOVE HAS BEEN INSPECTED AND FOUND AIRWORTHY BY (Complete these sections only if 14 CFR part 21.183(d) applies)				
	2. ☐ 14 CFR PART 121 CERTIFICATE HOLDER (Give Certificate No.)	3. ☐ CERTIFICATED MECHANIC (Give Certificate No.)	6. ☐ CERTIFICATED REPAIR STATION (Give Certificate No.)		
	5. ☐ AIRCRAFT MANUFACTURER (Give name or firm)				
	DATE		TITLE		SIGNATURE
V. FAA REPRESENTATIVE CERTIFICATION	(Check ALL applicable blocks in items A and B)				
	A. I find that the aircraft described in Section I or VII meets requirements for		4. ☒ AMMENDMENT OR MODIFICATION OF CURRENT AIRWORTHINESS CERTIFICATE		
	B. Inspection for a special flight permit under Section VII was conducted by:		☐ FAA INSPECTOR ☐ FAA DESIGNEE		
	☐ CERTIFICATE HOLDER UNDER		14 CFR part 65 ☐ 14 CFR part 121 or 135 ☐ 14 CFR part 145		
	DATE 11/01/2003	DISTRICT OFFICE CE42	DESIGNEE'S SIGNATURE AND NO. George M. Waters ODARF100127CE	FAA INSPECTOR'S SIGNATURE NOV - 6 2003	

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VI. PRODUCTION FLIGHT TESTING	A. MANUFACTURER			
	NAME		ADDRESS	
	B. PRODUCTION BASIS <i>(Check applicable items)</i>			
	☐ PRODUCT CERTIFICATE <i>(Give production certificate number)</i> ☐ TYPE CERTIFICATE ONLY ☐ APPROVED PRODUCTION INSPECTION SYSTEM			
	C. GIVE QUANTITY OF CERTIFICATES REQUIRED FOR OPERATING NEEDS —————→			
DATE OF APPLICATION		NAME AND TITLE <i>(Print or type)</i>		SIGNATURE
VII. SPECIAL FLIGHT PERMIT PURPOSES OTHER THAN PRODUCTION FLIGHT TEST	A. DESCRIPTION OF AIRCRAFT			
	REGISTERED OWNER		ADDRESS	
	BUILDER <i>(Make)</i>		MODEL	
	SERIAL NUMBER		REGISTRATION MARK	
	B. DESCRIPTION OF FLIGHT CUSTOMER DEMONSTRATION FLIGHTS ☐ <i>(Check if applicable)</i>			
	FROM		TO	
	VIA		DEPARTURE DATE	DURATION
	C. CREW REQUIRED TO OPERATE THE AIRCRAFT AND ITS EQUIPMENT			
	☐ PILOT ☐ CO-PILOT ☐ FLIGHT ENGINEER ☐ OTHER <i>(Specify)</i>			
	D. THE AIRCRAFT DOES NOT MEET THE APPLICABLE AIRWORTHINESS REQUIREMENTS AS FOLLOWS			
	E. THE FOLLOWING RESTRICTIONS ARE CONSIDERED NECESSARY FOR SAFE OPERATION <i>(Use attachment if necessary)</i>			
	F. CERTIFICATION - I hereby certify that I am the registered owner (or his agent) of the aircraft described above: that the aircraft is registered with the Federal Aviation Administration in accordance with Title 49 of the United States Code 44101 <u>et seq.</u> and applicable Federal Aviation Regulations, and that the aircraft has been inspected and is airworthy for the flight described.			
	DATE		NAME AND TITLE <i>(Print or type)</i>	
VIII. AIRWORTHINESS DOCUMENTATION (FAA/DESIGNEE use only)	☒	A. Operating Limitations and Markings in compliance with 14 CFR section 91.9 as Applicable	☐	G. Statement of conformity, FAA Form 8130-9 <i>(Attach when required)</i>
	☐	B. Current Operating Limitations Attached	☐	H. Foreign Airworthiness Certification for Import Aircraft <i>(Attached when required)</i>
	☐	C. Data, Drawings, Photographs, etc. <i>(Attach when required)</i>	☒	I. Previous Airworthiness Certificate issued in Accordance with
	☒	D. Current Weight and Balance Information Available in Aircraft		14 CFR Section <u>21.183 (a)</u> CAR _____ <i>(Original attached)</i>
	☐	E. Major Repair and Alteration, FAA Form 337 <i>(Attached when required)</i>	☒	J. Current Airworthiness Certificate Issued in Accordance with
	☒	F. This inspection Recorded in Aircraft Records		14 CFR Section <u>21.183 (d)</u> <i>(Copy attached)</i>

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION—FEDERAL AVIATION ADMINISTRATION
STANDARD AIRWORTHINESS CERTIFICATE

1. NATIONALITY AND REGISTRATION MARKS	2. MANUFACTURER AND MODEL	3. AIRCRAFT SERIAL NUMBER	4. CATEGORY
N924GA	Gulfstream GV-SP (G550)	5024	Transport

5. AUTHORITY AND BASIS FOR ISSUANCE

This airworthiness certificate is issued pursuant to the Federal Aviation Act of 1958 and certifies that, as of the date of issuance, the aircraft to which issued has been inspected and found to conform to the type certificate therefor, to be in condition for safe operation, and has been shown to meet the requirements of the applicable comprehensive and detailed airworthiness code as provided by Annex 8 to the Convention on International Civil Aviation, except as noted herein.

Exceptions:

Exemption No. 7946, 25.813 (e) Door Between Passenger Compartments

Exemption No. 8004, 25.901 (c) Single-Failure Criteria

6. TERMS AND CONDITIONS

Unless sooner surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator, this airworthiness certificate is effective as long as the maintenance, preventative maintenance, and alterations are performed in accordance with Parts 21, 43, and 91 of the Federal Aviation Regulations, as appropriate, and the aircraft is registered in the United States.

DATE OF ISSUANCE	FAA REPRESENTATIVE	DESIGNATION NUMBER
A11/01/2003	George M. Waters	ODARF100127CE

Any alteration, reproduction, or misuse of this certificate may be punishable by a fine not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT IN ACCORDANCE WITH APPLICABLE FEDERAL AVIATION REGULATIONS.

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION—FEDERAL AVIATION ADMINISTRATION

STANDARD AIRWORTHINESS CERTIFICATE

1. NATIONALITY AND REGISTRATION MARKS N924GA	2. MANUFACTURER AND MODEL Gulfstream GV-SP	3. AIRCRAFT SERIAL NUMBER 5024	4. CATEGORY Transport
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5. AUTHORITY AND BASIS FOR ISSUANCE

This airworthiness certificate is issued pursuant to the Federal Aviation Act of 1958 and certifies that, as of the date of issuance, the aircraft to which issued has been inspected and found to conform to the type certificate therefor, to be in condition for safe operation, and has been shown to meet the requirements of the applicable comprehensive and detailed airworthiness code as provided by Annex 8 to the Convention on International Civil Aviation, except as noted herein.

Exceptions:

Exemption No. 7946 25.813 (e) Door Between Passenger Compartments

Exemption No. 8004 25.901 (c) Single Failure Criteria

6. TERMS AND CONDITIONS

Unless sooner surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator, this airworthiness certificate is effective as long as the maintenance representative complies, and alterations are performed in accordance with Parts 43 and 81 of the Federal Aviation Regulations, as appropriate, and the aircraft is registered in the United States.

DATE OF ISSUANCE 10/30/2003	FAA REPRESENTATIVE'S George M. Waters	DESIGNATION NUMBER ODARF100127CE
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Any alteration, reproduction, or misuse of this certificate may be punishable by a fine not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT IN ACCORDANCE WITH APPLICABLE FEDERAL AVIATION REGULATIONS.

Conformity Inspection Record				1. Project Number, TIA /Request Date Amended Standard Airworthiness Certification PA10008CE		2. SHEET 1 of 3 Sheets	
3. Applicant / Manufacturer: Gulfstream Aerospace Corporation				4. Beginning Date: 11-01-03		5. Ending Date: 11-01-03	
6. Model: GV-SP (G550) S/N 5024 N924GA				7. Inspected By: George M. Waters ODARF100127CE		13. Comments	
8. Item No.	9. Nomenclature of Item Inspected	10. Drawing, Document, Specification, ect.	11. Revision and Date	12. No. of Items SAT.	12. No. of Items Determined UNSAT.		
1	Application For Airworthiness Certificate	FAA Form 8130-6	5-01	1		Received And Reviewed 8130-6 Dated 11-01-03 From GAC For Amendment Of The Current Airworthiness Certificate To Change A/C Model From GV-SP To GV-SP (G550) For A/C 5024 N924GA.	
2	Registration Note: Also Checked Registration http://registry.faa.gov/arquery.htm	FAR 47 No. Assignment At FAA Web Site		1		Verified Registration Number N924GA Is Assigned To GV-SP S/N 5024. Ref Flt Std Services Letter Dated 4/3/02.	
3	Aircraft Marking	FAR 45		1		Verified Aircraft Registration Number N924GA Is Properly Displayed On L/R Vertical Stab. I/AAW FAR Requirements.	
4	Type Certification Data Sheet	A12EA	Rev 26 8-14-03	1		Reviewed TCDS For Acft Eligible. Found S/N 5001 And Sub Are Eligible Per TCDS.	
5	Aircraft Data Plate	1159F50274	Rev C 10-31-02 EO D9 9-3-03	1		Verified Acft Data Plate Installed I/AAW B/P Reqmts. Also Verified Info On Data Plate Matches 8130-6.	
6	Airworthiness Directives	FAR 39		1		Reviewed AD's Through Biweekly Listing 2003-21. Reviewed Aircraft Log Book For Sign Off Of All Applicable AD's.	
7	Gulfstream G550 Aircraft Weight And Balance Manual		Basic Issue 1-03	1		Reviewed Wt. And Balance Manual For GV-SP (G550) S/N 5024. Verified Acft Is Within CG Limits.	

INSTRUCTIONS

1. List the FAA assigned project number along with date of TIA or Request for Conformity, as applicable.
2. Self-explanatory
3. List the applicant or the manufacturer, or both. (The manufacturer may be the party producing or responsible for the product).
4. List the date the inspection began.
5. List the date the inspection ended.
6. If inspecting an aircraft, list the make, model, N-number, and serial number. For an engine or propeller, list the make, model, and serial number.
7. Aviation safety inspectors must type or print name, sign, and enter office identification. Designees must type or print name, sign, and list their designee identification number.
8. Assign consecutive numbers for each item inspected.
9. List the name or description of the part, appliance, assembly, drawing, document, specification, or name of the process being evaluated.
10. List the technical data that describes the item listed in Block 9, i.e., drawing number, document number, process specification number, etc.
11. List the revision level and date of the technical data described in Block 10.
12. List the number of items that were determined satisfactory or unsatisfactory. Do not record individual characteristics. **NOTE:** (An item is a single article or unit containing one or more dimensional characteristics or features.)
13. Enter comments in this block that will support any information given in Blocks 8 through 12, i.e., unsatisfactory conditions, corrective actions taken, reference to other item numbers listed, serial numbers, type of inspection accomplished, destination of exported products, buyer furnished equipment, parts processed through manufacturer's maintenance facility, part new or newly overhauled, condition of part or assembly, etc.
14. To be used for supplementing items 1-13.

NOTE: Unsatisfactory conditions are corrected in one of two ways:

Method 1: If action is presented to correct an unsatisfactory condition, the action is entered in Block 13 and the number in the UNSAT column of Block 12 is lined through and initialed. The number of items now determined satisfactory is entered in the SAT column next to the corrective action entry.

Method 2: If corrective action is not presented, the inspector may continue the inspection by entering the next item inspected. When corrective action to the unsatisfactory condition is eventually presented, assign the item a new number and record the number in Block 8. Complete Blocks 9 and 10, enter a new revision and date if data has changed, and enter the number of items determined satisfactory in Block 12. Record both the corrective action taken and the item number of the unsatisfactory condition in Block 13. Place the item number in parenthesis. Next, line through and initial the number in the UNSAT column located next to Block 13 containing the unsatisfactory condition. Record the corrective action entry item number along with the unsatisfactory condition statement and place the number in parenthesis.

14. Continuation Block

Conformity Inspection Record				1. Project Number, TIA /Request Date Amended Standard Airworthiness Certification PA10008CE	2. SHEET 2 of 3 Sheets
3. Applicant / Manufacturer: Gulfstream Aerospace Corporation		4. Beginning Date: 11-01-03		5. Ending Date: 11-01-03	
6. Model: GV-SP (G550) S/N 5024 N924GA		7. Inspected By: George M. Waters ODARF100127CE			
8. Item No.	9. Nomenclature of item inspected	10. Drawing, Document, Specification, ect.	11. Revision and Date	12. No. of Items Determined SAT.	13. Comments
8	Gulfstream G550 Airplane Flight Manual	GAC-AC-G550-OPS-0001	Rev 2 9-19-03	1	Verified Aircraft Flight Manual Is Available On Aircraft And Is Most Current Revision Per GAC Pubs Group.
9	Gulfstream Alteration Work Authorization	GA 1001B	01/99	1	Reviewed Alt. Work Authorization No. P05-5024-2003-0033 For Instl Of G550 Data Plate On A/C 5024 N924GA.
10	Data plate Installation	1159SB59299	Rev A 7-30-03	1	Inspected Installation Of New Acft Data Plate For Model Number Change From GV-SP To GV-SP (G550) I/AW Drawing Reqmts. Also Reviewed Route Card For Data Plate Instl. Verified All Opps Have Been Completed And Accepted By GAC QC.
11	Installation Configuration Option 2	1159SB50011	Rev A 10-1-03 EO B1 10-20-03	1	Verified Installation Of Option 2 On Acft Using CMS Display. Also Verified GAC Log Entry For Incorporation Of Same.
12	Aviation Safety Insp.			1	Performed Aviation Safety Insp. On Acft As Follows: Checked L/R Main And Nose Gear Wheel, Utility Compt., Cockpit, Cabin, Baggage Compt., And Fuselage Exterior For Condition And Security. Found No Discrepancies At This Insp.

INSTRUCTIONS

1. List the FAA assigned project number along with date of TIA or Request for Conformity, as applicable.
2. Self-explanatory
3. List the applicant or the manufacturer, or both. (The manufacturer may be the party producing or responsible for the product).
4. List the date the inspection began.
5. List the date the inspection ended.
6. If inspecting an aircraft, list the make, model, N-number, and serial number. For an engine or propeller, list the make, model, and serial number.
7. Aviation safety inspectors must type or print name, sign, and enter office identification. Designees must type or print name, sign, and list their designee identification number.
8. Assign consecutive numbers for each item inspected.
9. List the name or description of the part, appliance, assembly, drawing, document, specification, or name of the process being evaluated.
10. List the technical data that describes the item listed in Block 9, i.e., drawing number, document number, process specification number, etc.
11. List the revision level and date of the technical data described in Block 10.
12. List the number of items that were determined satisfactory or unsatisfactory. Do not record individual characteristics. **NOTE:** (An item is a single article or unit containing one or more dimensional characteristics or features.)
13. Enter comments in this block that will support any information given in Blocks 8 through 12, i.e., unsatisfactory conditions, corrective actions taken, reference to other item numbers listed, serial numbers, type of inspection accomplished, destination of exported products, buyer furnished equipment, parts processed through manufacturer's maintenance facility, part new or newly overhauled, condition of part or assembly, etc.
14. To be used for supplementing items 1-13.

NOTE: Unsatisfactory conditions are corrected in one of two ways:

Method 1: If action is presented to correct an unsatisfactory condition, the action is entered in Block 13 and the number in the UNSAT column of Block 12 is lined through and initialed. The number of items now determined satisfactory is entered in the SAT column next to the corrective action entry.

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14. Continuation Block

INSTRUCTIONS

1. List the FAA assigned project number along with date of TIA or Request for Conformity, as applicable.
2. Self-explanatory
3. List the applicant or the manufacturer, or both. (The manufacturer may be the party producing or responsible for the product).
4. List the date the inspection began.
5. List the date the inspection ended.
6. If inspecting an aircraft, list the make, model, N-number, and serial number. For an engine or propeller, list the make, model, and serial number.
7. Aviation safety inspectors must type or print name, sign, and enter office identification. Designees must type or print name, sign, and list their designee identification number.
8. Assign consecutive numbers for each item inspected.
9. List the name or description of the part, appliance, assembly, drawing, document, specification, or name of the process being evaluated.
10. List the technical data that describes the item listed in Block 9, i.e., drawing number, document number, process specification number, etc.
11. List the revision level and date of the technical data described in Block 10.
12. List the number of items that were determined satisfactory or unsatisfactory. Do not record individual characteristics. **NOTE:** (An item is a single article or unit containing one or more dimensional characteristics or features.)
13. Enter comments in this block that will support any information given in Blocks 8 through 12, i.e., unsatisfactory conditions, corrective actions taken, reference to other item numbers listed, serial numbers, type of inspection accomplished, destination of exported products, buyer furnished equipment, parts processed through manufacturer's maintenance facility, part new or newly overhauled, condition of part or assembly, etc.
14. To be used for supplementing items 1-13.

NOTE: Unsatisfactory conditions are corrected in one of two ways:

Method 1: If action is presented to correct an unsatisfactory condition, the action is entered in Block 13 and the number in the UNSAT column of Block 12 is lined through and initialed. The number of items now determined satisfactory is entered in the SAT column next to the corrective action entry.

Method 2: If corrective action is not presented, the inspector may continue the inspection by entering the next item inspected. When corrective action to the unsatisfactory condition is eventually presented, assign the item a new number and record the number in Block 8. Complete Blocks 9 and 10, enter a new revision and date if data has changed, and enter the number of items determined satisfactory in Block 12. Record both the corrective action taken and the item number of the unsatisfactory condition in Block 13. Place the item number in parenthesis. Next, line through and initial the number in the UNSAT column located next to Block 13 containing the unsatisfactory condition. Record the corrective action entry item number along with the unsatisfactory condition statement and place the number in parenthesis.

14. Continuation Block

Revised

Form Approved
O.M.B. No. 2120-0018

 U.S. Department of Transportation Federal Aviation Administration		APPLICATION FOR AIRWORTHINESS CERTIFICATE		INSTRUCTIONS - Print or type. Do not write in shaded areas. These are for FAA use only. Submit original only to an authorized FAA Representative. If additional space is required use an attachment. For special flight permits complete Sections II, VI and VII as applicable.			
I. AIRCRAFT DESCRIPTION	1. REGISTRATION MARK N924GA	2. AIRCRAFT BUILDER'S NAME (Make) Gulfstream	3. AIRCRAFT MODEL DESIGNATION GV- SP	4. YR MFR 2003	FAA CODING 3980101 54505		
	5. AIRCRAFT SERIAL NO. 5024	6. ENGINE BUILDERS NAME (Make) Rolls Royce	7. ENGINE MODEL DESIGNATION BR700-710C4-11				
	8. NUMBER OF ENGINES (2)	9. PROPELLER BUILDER'S NAME (Make) N/A	10. PROPELLER MODEL DESIGNATION N/A		11. AIRCRAFT IS (Check if applicable) ☐ IMPORT		
APPLICATION IS HEREBY MADE FOR: (Check applicable items)							
A ☒ 1 STANDARD AIRWORTHINESS CERTIFICATE (Indicate category) ☐ NORMAL ☐ UTILITY ☐ ACROBATIC ☒ TRANSPORT ☐ COMMUTER ☐ BALLOON ☐ OTHER							
B ☐ SPECIAL AIRWORTHINESS CERTIFICATE (Check appropriate items)							
7 ☐ PRIMARY 2 ☐ LIMITED 5 ☐ PROVISIONAL (Indicate class)							
3 ☐ RESTRICTED (Indicate operation(s) to be conducted)							
4 ☐ EXPERIMENTAL (Indicate operation(s) to be conducted)							
8 ☐ SPECIAL FLIGHT PERMIT (Indicate operation to be conducted then complete Section VI or VII as applicable on reverse side)							
C ☐ 6 MULTIPLE AIRWORTHINESS CERTIFICATE (Check ABOVE: "Restricted Operation" and "Standard" or "Limited" as applicable)							
III. OWNER'S CERTIFICATION							
A. REGISTERED OWNER (As shown on certificate of aircraft registration) IF DEALER, CHECK HERE ☒							
NAME Gulfstream Aerospace Corporation				ADDRESS 500 Gulfstream Rd. Savannah, GA 31407-9643			
B. AIRCRAFT CERTIFICATION BASIS (Check applicable blocks and complete items as indicated)							
☒ AIRCRAFT SPECIFICATION OR TYPE CERTIFICATE DATA SHEET (Give No. and Revision No.) A12EA Rev. 26				☒ AIRWORTHINESS DIRECTIVES (Check if all applicable AD's complied with and give the number of the last AD SUPPLEMENT available in the biweekly series as of the date of application) 2003-21-06			
☒ AIRCRAFT LISTING (Give page number(s)) N/A				☒ SUPPLEMENTAL TYPE CERTIFICATE (List number of each STC incorporated) N/A			
C. AIRCRAFT OPERATION AND MAINTENANCE RECORDS							
☒ CHECK IF RECORDS IN COMPLIANCE WITH 14 CFR section 91.417				TOTAL AIRFRAME HOURS 4:50 Hrs.		3 EXPERIMENTAL ONLY (Enter hours flown since last certificate issued or renewed) N/A	
D. CERTIFICATION - I hereby certify that I am the registered owner (or his agent) of the aircraft described above, that the aircraft is registered with the Federal Aviation Administration in accordance with Title 49 of the United States Code 44101 <u>et seq.</u> and applicable Federal Aviation regulations, and that the aircraft has been inspected and is airworthy and eligible for the airworthiness certificate requested.							
DATE OF APPLICATION 10/30/2003		NAME AND TITLE (Print or type) Marcus Kessler, Final Operations Manager			SIGNATURE <i>Marcus Kessler</i>		
IV. INSPECTION AGENCY VERIFICATION							
A. THE AIRCRAFT DESCRIBED ABOVE HAS BEEN INSPECTED AND FOUND AIRWORTHY BY (Complete these sections only if 14 CFR part 21.183(d) applies)							
2 ☐ 14 CFR PART 121 CERTIFICATE HOLDER (Give Certificate No.)		3 ☐ CERTIFICATED MECHANIC (Give Certificate No.)		6 ☐ CERTIFICATED REPAIR STATION (Give Certificate No.)			
5 ☐ AIRCRAFT MANUFACTURER (Give name or firm)							
DATE		TITLE			SIGNATURE		
V. FAA REPRESENTATIVE CERTIFICATION							
(Check ALL applicable blocks in items A and B) A. I find that the aircraft described in Section I or VII meets requirements for				☒ THE CERTIFICATE REQUESTED ☐ 4 AMMENDMENT OR MODIFICATION OF CURRENT AIRWORTHINESS CERTIFICATE			
B. Inspection for a special flight permit under Section VII was conducted by:				☐ FAA INSPECTOR ☐ FAA DESIGNEE ☐ CERTIFICATE HOLDER UNDER ☐ 14 CFR part 65 ☐ 14 CFR part 145			
DATE 10/30/2003	DISTRICT OFFICE CE42	DESIGNEE'S SIGNATURE AND NO. <i>George M. Waters</i> George M. Waters ODARF100127CE		FAA INSPECTOR'S SIGNATURE NOV - 6 2003 NRB			

VI. PRODUCTION FLIGHT TESTING	A. MANUFACTURER			
	NAME		ADDRESS	
	B. PRODUCTION BASIS (Check applicable items)			
	☐ PRODUCT CERTIFICATE (Give production certificate number) ☐ TYPE CERTIFICATE ONLY ☐ APPROVED PRODUCTION INSPECTION SYSTEM			
C. GIVE QUANTITY OF CERTIFICATES REQUIRED FOR OPERATING NEEDS →				
DATE OF APPLICATION		NAME AND TITLE (Print or type)		SIGNATURE
VII. SPECIAL FLIGHT PERMIT PURPOSES OTHER THAN PRODUCTION FLIGHT TEST	A. DESCRIPTION OF AIRCRAFT			
	REGISTERED OWNER		ADDRESS	
	BUILDER (Make)		MODEL	
	SERIAL NUMBER		REGISTRATION MARK	
	B. DESCRIPTION OF FLIGHT CUSTOMER DEMONSTRATION FLIGHTS ☐ (Check if applicable)			
	FROM		TO	
	VIA		DEPARTURE DATE	DURATION
	C. CREW REQUIRED TO OPERATE THE AIRCRAFT AND ITS EQUIPMENT			
	☐ PILOT ☐ CO-PILOT ☐ FLIGHT ENGINEER ☐ OTHER (Specify)			
	D. THE AIRCRAFT DOES NOT MEET THE APPLICABLE AIRWORTHINESS REQUIREMENTS AS FOLLOWS			
	E. THE FOLLOWING RESTRICTIONS ARE CONSIDERED NECESSARY FOR SAFE OPERATION (Use attachment if necessary)			
F. CERTIFICATION - I hereby certify that I am the registered owner (or his agent) of the aircraft described above: that the aircraft is registered with the Federal Aviation Administration in accordance with Title 49 of the United States Code 44101 <u>et seq.</u> , and applicable Federal Aviation Regulations, and that the aircraft has been inspected and is airworthy for the flight described.				
DATE		NAME AND TITLE (Print or type)		SIGNATURE
VIII. AIRWORTHINESS DOCUMENTATION (FAA/DESIGNEE use only)	☒	A. Operating Limitations and Markings in compliance with 14 CFR section 91.9 as Applicable	☐ G. Statement of conformity, FAA Form 8130-9 (Attach when required)	
	☐	B. Current Operating Limitations Attached	☐ H. Foreign Airworthiness Certification for Import Aircraft (Attached when required)	
	☐	C. Data, Drawings, Photographs, etc. (Attach when required)	☒ I. Previous Airworthiness Certificate issued in Accordance with)	
	☒	D. Current Weight and Balance Information Available in Aircraft	14 CFR Section <u>21.197 (a) (3)</u> CAR _____ (Original attached)	
	☐	E. Major Repair and Alteration, FAA Form 337 (Attached when required)	☒ J. Current Airworthiness Certificate Issued in Accordance with	
	☒	F. This Inspection Recorded in Aircraft Records	14 CFR Section <u>21.183 (a)</u> (Copy attached)	

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION—FEDERAL AVIATION ADMINISTRATION
STANDARD AIRWORTHINESS CERTIFICATE

1. NATIONALITY AND REGISTRATION MARKS N924GA	2. MANUFACTURER AND MODEL Gulfstream GV-SP	3. AIRCRAFT SERIAL NUMBER 5024	4. CATEGORY Transport
5. AUTHORITY AND BASIS FOR ISSUANCE This airworthiness certificate is issued pursuant to the Federal Aviation Act of 1958 and certifies that, as of the date of issuance, the aircraft to which issued has been inspected and found to conform to the type certificate therefor, to be in condition for safe operation, and has been shown to meet the requirements of the applicable comprehensive and detailed airworthiness code as provided by Annex 8 to the Convention on International Civil Aviation, except as noted herein. Exceptions: Exemption No. 7946 25.813 (c) Door Between Passenger Compartments Exemption No. 8004 25.901 (c) Single Failure Criteria			
6. TERMS AND CONDITIONS Unless sooner surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator, this airworthiness certificate is effective as long as the maintenance, preventative maintenance, and alterations are performed in accordance with Parts 21, 43, and 91 of the Federal Aviation Regulations, as appropriate, and the aircraft is registered in the United States.			
DATE OF ISSUANCE 10/30/2003	FAA REPRESENTATIVE George M. Waters		DESIGNATION NUMBER ODARF100127CE

Any alteration, reproduction, or misuse of this certificate may be punishable by a fine not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT IN ACCORDANCE WITH APPLICABLE FEDERAL AVIATION REGULATIONS.

Conformity Inspection Record				1. Project Number, TIA /Request Date Standard Airworthiness Certification PA1008CE		2. Sheet 1 of 5 Sheets	
3. Applicant / Manufacturer: Gulfstream Aerospace Corporation				4. Beginning Date: 10-30-03		5. Ending Date: 10-30-03	
6. Model: GV-SP S/N 5024 N924GA				7. Inspected By: George M. Waters		ODARF100127CE	
8. Item No.	9. Nomenclature of Item Inspected	10. Drawing, Document, Specification, ect.	11. Revision and Date	12. No. of Items Determined	13. Comments		
				SAT.	UNSAT.		
1	Application For Airworthiness Certificate	FAA Form 8130-6	5-01	1		Received And Reviewed 8130-6 Dated 10-30-03 From GAC For Standard Airworthiness Certificate For GV-SP S/N 5024 N924GA.	
2	Registration	FAR 47		1		Verified Registration Number N924GA Is Assigned To GV-SP S/N 5024. Ref Flt Std Services Letter Dated 4-3-2002.	
3	Aircraft Marking	FAR 45		1		Verified Aircraft Registration Number N924GA Is Properly Displayed On Aircraft I/AW FAR Requirements.	
4	Type Certification Data Sheet	A12EA	Rev. 26 8-14-03	1		Reviewed TCDS For Acft Eligible, Found S/N 5001 And Sub Are Eligible Per TCDS.	
5	Aircraft Data Plate	1159F50274	Rev. C 10-31-02 EO D9 9-3-03	1		Verified Acft Data Plate Installed I/AW B/P Reqmts. Also Verified Information On Data Plate Matches Information on FAA Form 8130-6.	
6	Airworthiness Directives	FAR 39		1		Reviewed AD's Through Biweekly Listing 2003-21. Reviewed Aircraft Log Book For Sign Off Of All Applicable AD's.	
7	Aircraft Weight And Balance Manual		Basic Issue 1-03	1		Reviewed Wt. And Balance Manual For GV-SP S/N 5024. Aircraft Is Within Limits Of C.G. Envelope For Acft. 5001 And Sub.	

INSTRUCTIONS

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5. List the date the inspection ended.
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14. Continuation Block

Conformity Inspection Record				1. Project Number, TIA /Request Date Standard Airworthiness Certification PA1008CE		2. Sheet 2 of 5 Sheets	
3. Applicant / Manufacturer: Gulfstream Aerospace Corporation			4. Beginning Date: 10-30-03		5. Ending Date: 10-30-03		
6. Model: GV-SP S/N 5024 N924GA			7. Inspected By: George M. Waters ODARF100127CE		13. Comments		
8. Item No.	9. Nomenclature of item inspected	10. Drawing, Document, Specification, ect.	11. Revision and Date	12. No. of Items Determined SAT. UNSAT.			
8	Aircraft Flight Manual	GAC-AC-GV-SP-OPS-0001	Rev. 2 9-19-03	1	Verified Aircraft Flight Manual Is Available On Aircraft And Is Most Current Revision Per GAC Pubs Group.		
9	Flight / Ground Discrepancies			1	Reviewed Flt/Grnd Discrepancies For GV-SP S/N 5024 Four Flights. Verified All Discrepancies Have Been Corrected By GAC Techs. And Accepted By GAC QC And Test Pilots.		
10	Gulfstream GV-SP Acceptance Flight Test	QAP 9.5	Rev. 1 8-14-03	1	Reviewed Flight Test Card For GAC Test Pilots Acceptance. Verified All Items Are Complete For GV-SP S/N 5024 N924GA.		
11	Production Engine Runs	1159-57000-800-19	Rev. B 6-23-03 EO C4 9-4-03	1	Reviewed Engine Run Shop Order G0028121301 For GV-SP 5024 N924GA. Verified All Items Complete And Accepted By GAC QC.		
12	Flight Control Throw Verification	1159-57000-800-6	Rev. B 6-23-03 EO C4 9-4-03	1	Reviewed Flight Control Throw Verification Shop Order G0027595101 For All Items Complete And Accepted By GAC QC. Also Checked Acft. Log Book For Control Surface Throws Recorded Per Traveler.		
13	Pitot Static System Test	QAT 1159-57000-13-2-SP	Rev. Org. 2-5-03	1	Reviewed Pitot Static System Traveler For All Items Complete And Accepted By GAC QC.		

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14. Continuation Block

Conformity Inspection Record				1. Project Number, TIA /Request Date Standard Airworthiness Certification PA1008CE		2. Sheet 3 of 5 Sheets	
3. Applicant / Manufacturer: Gulfstream Aerospace Corporation		4. Beginning Date: 10-30-03		5. Ending Date: 10-30-03			
6. Model: GV-SP S/N 5024 N924GA		7. Inspected By: George M. Waters		ODARF100127CE			
8. Item No.	9. Nomenclature of item inspected	10. Drawing, Document, Specification, ect.	11. Revision and Date	12. No. of Items Determined SAT.	UNSAT.	13. Comments	
14	Engine Log Book APU System Installation L/H Engine Installation R/H Engine Installation	BR700-710C4-11 1159P50700-804-1 1159P57310-1 1159P57310-2		1		Reviewed Engine Log Books For Installation Log Entry By GAC. Also Reviewed APU, L/H And R/H Engine Installation Shop Orders For Completion And All Items Accepted By GAC QC. Checked L/R Engine Data Plates, They Matched Engine Logs.	
15	Delivery Inspection	1159-57000-800-4	Rev. B 6-23-03 EO C4 9-4-03	1		Reviewed Delivery Inspection Shop Order No. G0028121801 For GV-SP S/N 5024. Verified All Items Complete And Accepted By GAC QC.	
16	Electrical Cockpit Checklist	1159-57000-800-20	Rev. B 6-23-03 EO C4 9-4-03	1		Reviewed Electrical Cockpit Checklist Shop Order No. G0028121501 For All Items Complete And Accepted By GAC QC.	
17	GV-SP Outside Functional	1159-57000-800-30	Rev. B 6-23-03 EO C4 9-4-03	1		Reviewed GV-SP Outside Functional Shop Order No. G0028121701 For All Items Complete And Accepted By GAC QC For Engine Serial No.'s 15150 And 15151.	
18	Production Change Orders			1		Reviewed GAC PCO System On-Line (A15A) For Incomplete PCO's On GV-SP S/N 5024.	

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14. Continuation Block

Conformity Inspection Record				1. Project Number, TIA /Request Date Standard Airworthiness Certification PA1008CE		2. Sheet 4 of 5 Sheets	
3. Applicant / Manufacturer: Gulfstream Aerospace Corporation				4. Beginning Date: 10-30-03		5. Ending Date: 10-30-03	
6. Model: GV-SP S/N 5024 N924GA				7. Inspected By: George M. Waters			
8. Item No.				9. Nomenclature of item inspected		10. Drawing, Document, Specification, ect.	
11. Revision and Date				12. No. of Items Determined		13. Comments	
				SAT.		UNSAT.	
19	GV-SP Software Configuration	1159SWC59000	Rev. A 9-26-03	1		Received And Reviewed Verification Of Correct Software Configuration	
			EO B5 10-28-03			For GV-SP 5024 I/AW Dwg Reqmts. Checked Top Level System P/N	
						And Configuration Part No. I/AW B/P Requirements As Follows:	
						Top Level System P/N EB7031236-00301	
						Config Part No. TT7033383-001	
						CMC 1	
						GPV_LDI_GOLF1_DOC	
						ECL 1	
						Gpvp001_000000L.ecl	
20	MRB Actions			1		Reviewed GAC DMT System On-Line (A37C) For Open Type	
						01,02,03 DMT's On GV-SP S/N 5024. Found None.	
21	Certification Data Check List		Rev. 11 1-6-03	1		Received And Reviewed Cert. Data Checklist From GAC For GV-SP S/N 5024. Verified All Items Have Been Accepted By QC/QA.	
22	GAC Quality Alerts			1		Reviewed GAC Quality Alerts On-Line. Verified There Are No Open Quality Alerts Shown For This Acft.	
	Note: Also Reviewed All DMT's For Discrepant Bonded Panels. Verified Accepted Or Replaced With New On This Acft.						

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14. Continuation Block

Aircraft Discrepancy Sheet

MODEL: GVSP	A/C NUMBER: 5024	JOB NUMBER / WORK CENTER:	MIR / WORK ORDER / TRAVELER NUMBER: GV FAA INSPECTION	DEPT: 0923	DATE: 10/30/2003	PAGE 1	OF 6
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DISCREP. NBR: 1	DATE: 10/29/2003	INITIATOR: 306719	INSPECTOR: PQ248	FUSELAGE STATION: 200	STRINGER:	WATER LINE:	BUTT LINE: 2R
DRAWING REFERENCE: 1159AC50023		SYSTEM DWG REF:		TEST SPEC / GAMPS:	TEST PART:	TEST SECT:	TEST STEP:

DISCREPANCY

Located directly beneath the aft side of TRU #3, the 1159AC50071-123 pneumatic line for total temp. sensors has been severely gouged.

☒ CHECK IF ENG IS REQ

DISPOSITION

Cut and install D10036D06 union per GAMPS 2507 to remove damaged portion of tube assy. Sand line to remove primer layer only local to splice prior to installing union. T/U 213, install fitting and T/U 3012.

Standard Repair Ref: SR1057

TECH INSPECT
124026
10/29/2003

ACTION TAKEN

C/W ENG Dispo.

DMT or 156 #:	MRR NUMBER:	MATERIAL USED:	MATERIAL VERIFIED:
DISCREPANT PART NUMBER: 1159AC50071-123	QTY: 1	ATA CODE: 36-10-00 CAUSE: 55 RESP: SAV DEFECT: G02	WORKTIME: 2.0 CLOSE DATE: 10/29/2003 Dual Stamp: <u>FINAL INSP</u> <u>PQ248</u>

DISCREP. NBR: 2	DATE: 10/29/2003	INITIATOR: 306719	INSPECTOR: PQ248	FUSELAGE STATION: 200	STRINGER:	WATER LINE:	BUTT LINE: 20R
DRAWING REFERENCE: 1159AC50071		SYSTEM DWG REF:		TEST SPEC / GAMPS:	TEST PART:	TEST SECT:	TEST STEP:

DISCREPANCY

Outbd. rudder cable pulley (sta. 200) has insufficient clearance with surrounding wire bundle runs.

☐ CHECK IF ENG IS REQ

DISPOSITION

ENGINEER

ACTION TAKEN

Ty-wrapped wire bundles to allow for adequate clearance.

TECH INSPECT
309106
10/29/2003

DMT or 156 #:	MRR NUMBER:	MATERIAL USED:	MATERIAL VERIFIED:
DISCREPANT PART NUMBER:	QTY:	ATA CODE: 36-10-00 CAUSE: 55 RESP: SAV DEFECT: G02	WORKTIME: .5 CLOSE DATE: 10/29/2003 Dual Stamp: <u>FINAL INSP</u> <u>PQ248</u>

DISCREP. NBR: 3	DATE: 10/29/2003	INITIATOR: 306719	INSPECTOR: PQ248	FUSELAGE STATION: 165	STRINGER:	WATER LINE:	BUTT LINE: 15R
DRAWING REFERENCE: 1159AC50071		SYSTEM DWG REF:		TEST SPEC / GAMPS:	TEST PART:	TEST SECT:	TEST STEP:

DISCREPANCY

Green 22 gauge wire pulled extremely taut between two wire bundle runs located directle beneath aft wall of right rack.

☐ CHECK IF ENG IS REQ

DISPOSITION

ENGINEER

ACTION TAKEN

Cut tie string and re-tied to allow for adequate slack between bundles.

TECH INSPECT
309106
10/29/2003

DMT or 156 #:	MRR NUMBER:	MATERIAL USED:	MATERIAL VERIFIED:
DISCREPANT PART NUMBER:	QTY:	ATA CODE: 24-00-00 CAUSE: 55 RESP: SAV DEFECT: A20	WORKTIME: 1.0 CLOSE DATE: 10/29/2003 Dual Stamp: <u>FINAL INSP</u> <u>PQ248</u>

Aircraft Discrepancy Sheet

MODEL: GVSP	A/C NUMBER: 5024	JOB NUMBER / WORK CENTER: 0181-5024	MIR / WORK ORDER / TRAVELER NUMBER: GV FAA INSPECTION	DEPT: 0923	DATE: 10/30/2003	PAGE 2	OF 6
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DISCREP. NBR: 4	DATE: 10/30/2003	INITIATOR: 306719	INSPECTOR: PQ248	FUSELAGE STATION:	STRINGER:	WATER LINE:	BUTT LINE:
DRAWING REFERENCE: 1159B51111		SYSTEM DWG REF:		TEST SPEC / GAMPS:	TEST PART:	TEST SECT:	TEST STEP:

DISCREPANCY

Acft. fuselage cheek panels opened for FAA inspection.

☐ CHECK IF ENG IS REQ

DISPOSITION

ENGINEER

ACTION TAKEN

fod check OK.

Panels closed.

DMT or 156 #:	MRR NUMBER:	MATERIAL USED:	MATERIAL VERIFIED:
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DISCREPANT PART NUMBER:	QTY:	ATA CODE: 53-14-00	WORKTIME:	CLOSE DATE:	Dual Stamp:	FINAL INSP
		CAUSE: 01	RESP: 923	DEFECT: C22	.6	10/30/2003

TECH 307513 10/30/2003	INSPECT PQ114 10/30/2003
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DISCREP. NBR: 5	DATE: 10/30/2003	INITIATOR: 300280	INSPECTOR: PQ114	FUSELAGE STATION:	STRINGER:	WATER LINE:	BUTT LINE:
DRAWING REFERENCE: 1159B51321		SYSTEM DWG REF:		TEST SPEC / GAMPS:	TEST PART:	TEST SECT:	TEST STEP:

DISCREPANCY

Race track covers opened for FAA inspection at STA 758 left and right sides.

☒ CHECK IF ENG IS REQ

DISPOSITION

ENGINEER

ACTION TAKEN

FOD check OK.

Panels closed.

DMT or 156 #:	MRR NUMBER:	MATERIAL USED:	MATERIAL VERIFIED:
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DISCREPANT PART NUMBER:	QTY:	ATA CODE: 53-51-00	WORKTIME:	CLOSE DATE:	Dual Stamp:	FINAL INSP
		CAUSE: 01	RESP: 923	DEFECT: R15	.6	10/30/2003

TECH 307513 10/30/2003	INSPECT PQ114 10/30/2003
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Aircraft Discrepancy Sheet

MODEL: GVSP	A/C NUMBER: 5024	JOB NUMBER / WORK CENTER: 0181-5024	MIR / WORK ORDER / TRAVELER NUMBER: GV FAA INSPECTION	DEPT: 0923	DATE: 10/30/2003	PAGE 3	OF 6
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DISCREP. NBR: 6	DATE: 10/30/2003	INITIATOR: 124138	INSPECTOR: PQ114	FUSELAGE STATION:	STRINGER:	WATER LINE:	BUTT LINE:
DRAWING REFERENCE:		SYSTEM DWG REF:		TEST SPEC / GAMPS:	TEST PART:	TEST SECT:	TEST STEP:

DISCREPANCY

Aft equip room-- fluid contamination adjacent to drain hole forward of L/H hydraulic filter manifold at FS844.

☐ CHECK IF ENG IS REQ	<u>DISPOSITION</u>	ENGINEER
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<u>ACTION TAKEN</u>		TECH <u>308272</u> 10/30/2003	INSPECT
Cleaned noted area to remove fluid.			

DMT or 156 #:	MRR NUMBER:	MATERIAL USED:	MATERIAL VERIFIED:
DISCREPANT PART NUMBER:	QTY:	ATA CODE: 00-00-00 CAUSE: 01 RESP: 923 DEFECT: C05	WORKTIME: 1.0 CLOSE DATE: 10/30/2003 Dual Stamp: <u>FINAL INSP</u> <u>PQ114</u>

DISCREP. NBR: 7	DATE: 10/30/2003	INITIATOR: 124138	INSPECTOR: PQ114	FUSELAGE STATION:	STRINGER:	WATER LINE:	BUTT LINE:
DRAWING REFERENCE:		SYSTEM DWG REF:		TEST SPEC / GAMPS:	TEST PART:	TEST SECT:	TEST STEP:

DISCREPANCY

FOD (screw, washer) under aux suction boost pump shelf at FS 844

☐ CHECK IF ENG IS REQ	<u>DISPOSITION</u>	ENGINEER
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<u>ACTION TAKEN</u>		TECH <u>307513</u> 10/30/2003	INSPECT
Removed FOD.			

DMT or 156 #:	MRR NUMBER:	MATERIAL USED:	MATERIAL VERIFIED:
DISCREPANT PART NUMBER:	QTY:	ATA CODE: 00-00-00 CAUSE: 01 RESP: 923 DEFECT: F35	WORKTIME: .5 CLOSE DATE: 10/30/2003 Dual Stamp: <u>FINAL INSP</u> <u>PQ114</u>

DISCREP. NBR: 8	DATE: 10/30/2003	INITIATOR: 124138	INSPECTOR: PQ114	FUSELAGE STATION:	STRINGER:	WATER LINE:	BUTT LINE:
DRAWING REFERENCE: 1159AV59732		SYSTEM DWG REF:		TEST SPEC / GAMPS:	TEST PART:	TEST SECT:	TEST STEP:

DISCREPANCY

RH MWW ID tag on W59732 073B2P1 wires has a broken tywrap.

☐ CHECK IF ENG IS REQ	<u>DISPOSITION</u>	ENGINEER
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<u>ACTION TAKEN</u>		TECH <u>306399</u> 10/30/2003	INSPECT
Replaced broken ty-rap and secured ID tag W59732 073B2P1 per b/p reqmts			

DMT or 156 #:	MRR NUMBER:	MATERIAL USED:	MATERIAL VERIFIED:
DISCREPANT PART NUMBER:	QTY:	ATA CODE: 32-03-00 CAUSE: 01 RESP: 923 DEFECT: A20	WORKTIME: .2 CLOSE DATE: 10/30/2003 Dual Stamp: <u>FINAL INSP</u> <u>PQ114</u>

Aircraft Discrepancy Sheet

MODEL: GVSP	A/C NUMBER: 5024	JOB NUMBER / WORK CENTER: 0181-5024	MIR / WORK ORDER / TRAVELER NUMBER: GV FAA INSPECTION	DEPT: 0923	DATE: 10/30/2003	PAGE 4	OF 6
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DISCREP. NBR: 9	DATE: 10/30/2003	INITIATOR: 124138	INSPECTOR: PQ114	FUSELAGE STATION:	STRINGER:	WATER LINE:	BUTT LINE:	
DRAWING REFERENCE: 1159AM57050		SYSTEM DWG REF:		TEST SPEC / GAMPS:	TEST PART:	TEST SECT:	TEST STEP:	
<u>DISCREPANCY</u> Main entrance door aft fairing 2 place holes for GAC emblem are missing								
☐ CHECK IF ENG IS REQ				<u>DISPOSITION</u>				ENGINEER
<u>ACTION TAKEN</u> Drilled holes for GAC emblem per 1159AM57050.								TECH 307513 10/30/2003
DMT or 156 #:		MRR NUMBER:		MATERIAL USED:			MATERIAL VERIFIED:	
DISCREPANT PART NUMBER:		QTY:	ATA CODE:	52-12-10	WORKTIME:	CLOSE DATE:	Dual Stamp:	
		CAUSE:	06	RESP:	00	DEFECT:	A20	
				1.0	10/30/2003	FINAL INSP PQ114		

DISCREP. NBR: 10	DATE: 10/30/2003	INITIATOR: 124138	INSPECTOR: PQ114	FUSELAGE STATION:	STRINGER:	WATER LINE:	BUTT LINE:	
DRAWING REFERENCE: 1159F50011		SYSTEM DWG REF:		TEST SPEC / GAMPS:	TEST PART:	TEST SECT:	TEST STEP:	
<u>DISCREPANCY</u> LH and RH mirror for pilot and co-pilot not secured per drawing requirements								
☐ CHECK IF ENG IS REQ				<u>DISPOSITION</u>				ENGINEER
<u>ACTION TAKEN</u> Secured mirrors to velcro.								TECH 307513 10/30/2003
DMT or 156 #:		MRR NUMBER:		MATERIAL USED:			MATERIAL VERIFIED:	
DISCREPANT PART NUMBER:		QTY:	ATA CODE:	25-12-00	WORKTIME:	CLOSE DATE:	Dual Stamp:	
		CAUSE:	04	RESP:	649	DEFECT:	L17	
				.3	10/30/2003	FINAL INSP PQ114		

DISCREP. NBR: 11	DATE: 10/30/2003	INITIATOR: 124138	INSPECTOR: PQ114	FUSELAGE STATION:	STRINGER:	WATER LINE:	BUTT LINE:	
DRAWING REFERENCE: 1159F50011		SYSTEM DWG REF:		TEST SPEC / GAMPS:	TEST PART:	TEST SECT:	TEST STEP:	
<u>DISCREPANCY</u> Eyeball indicator loose on LH side in cockpit								
☐ CHECK IF ENG IS REQ				<u>DISPOSITION</u>				ENGINEER
<u>ACTION TAKEN</u> Tightened eyeball locator.								TECH 307513 10/30/2003
DMT or 156 #:		MRR NUMBER:		MATERIAL USED:			MATERIAL VERIFIED:	
DISCREPANT PART NUMBER:		QTY:	ATA CODE:	25-12-00	WORKTIME:	CLOSE DATE:	Dual Stamp:	
		CAUSE:	55	RESP:	517	DEFECT:	L17	
				.3	10/30/2003	FINAL INSP PQ114		

Aircraft Discrepancy Sheet

MODEL: GVSP	A/C NUMBER: 5024	JOB NUMBER / WORK CENTER: 0181-5024	MIR / WORK ORDER / TRAVELER NUMBER: GV FAA INSPECTION	DEPT: 0923	DATE: 10/30/2003	PAGE 5	OF 6
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DISCREP. NBR: 12	DATE: 10/30/2003	INITIATOR: 124138	INSPECTOR: PQ114	FUSELAGE STATION:	STRINGER:	WATER LINE:	BUTT LINE:
DRAWING REFERENCE: 1159AV59623		SYSTEM DWG REF:		TEST SPEC / GAMPS:	TEST PART:	TEST SECT:	TEST STEP:

DISCREPANCY

Wiring harness behind the oxygen regulator and com unit for jump seat not dressed out

☐ CHECK IF ENG IS REQ

DISPOSITION

ENGINEER

ACTION TAKEN

Redressed and secured harness per b/p reqmts

TECH
306399
10/30/2003

INSPECT

DMT or 156 #:	MRR NUMBER:	MATERIAL USED:		MATERIAL VERIFIED:	
DISCREPANT PART NUMBER:	QTY:	ATA CODE:	24-00-00	WORKTIME:	CLOSE DATE:
	CAUSE: 55	RESP: 518	DEFECT: W13	.5	10/30/2003

DISCREP. NBR: 13	DATE: 10/30/2003	INITIATOR: 124138	INSPECTOR: PQ114	FUSELAGE STATION:	STRINGER:	WATER LINE:	BUTT LINE:
DRAWING REFERENCE: 1159AV59623		SYSTEM DWG REF:		TEST SPEC / GAMPS:	TEST PART:	TEST SECT:	TEST STEP:

DISCREPANCY

Wire harness chaffing aircraft frame hard beside jump seat at STA 139

☐ CHECK IF ENG IS REQ

DISPOSITION

ENGINEER

ACTION TAKEN

Redressed harness and added anti chaff material to airframe.per b/p reqmts to remove chaffing condition

TECH
306399
10/30/2003

INSPECT

DMT or 156 #:	MRR NUMBER:	MATERIAL USED:		MATERIAL VERIFIED:	
DISCREPANT PART NUMBER:	QTY:	ATA CODE:	24-00-00	WORKTIME:	CLOSE DATE:
	CAUSE: 55	RESP: 518	DEFECT: C14	.3	10/30/2003

DISCREP. NBR: 14	DATE: 10/30/2003	INITIATOR: 124138	INSPECTOR: PQ114	FUSELAGE STATION:	STRINGER:	WATER LINE:	BUTT LINE:
DRAWING REFERENCE: 1159AV59623		SYSTEM DWG REF:		TEST SPEC / GAMPS:	TEST PART:	TEST SECT:	TEST STEP:

DISCREPANCY

There are two tywraps not cut beside the jump seat for the wire harness at sta 139

☐ CHECK IF ENG IS REQ

DISPOSITION

ENGINEER

ACTION TAKEN

Cut ty-raps

TECH
306399
10/30/2003

INSPECT

DMT or 156 #:	MRR NUMBER:	MATERIAL USED:		MATERIAL VERIFIED:	
DISCREPANT PART NUMBER:	QTY:	ATA CODE:	24-00-00	WORKTIME:	CLOSE DATE:
	CAUSE: 55	RESP: 518	DEFECT: A20	.1	10/30/2003

DISCREP. NBR: 13	DATE: 10/30/2003	INITIATOR: 124138	INSPECTOR: PQ114	FUSELAGE STATION:	STRINGER:	WATER LINE:	BUTT LINE:
DRAWING REFERENCE: 1159AV59623		SYSTEM DWG REF:		TEST SPEC / GAMPS:	TEST PART:	TEST SECT:	TEST STEP:

DISCREPANCY

Wire harness chaffing aircraft frame hard beside jump seat at STA 139

☐ CHECK IF ENG IS REQ

DISPOSITION

ENGINEER

ACTION TAKEN

Redressed harness and added anti chaff material to airframe.per b/p reqmts to remove chaffing condition

TECH
306399
10/30/2003

INSPECT

DMT or 156 #:	MRR NUMBER:	MATERIAL USED:		MATERIAL VERIFIED:	
DISCREPANT PART NUMBER:	QTY:	ATA CODE:	24-00-00	WORKTIME:	CLOSE DATE:
	CAUSE: 55	RESP: 518	DEFECT: C14	.3	10/30/2003

DISCREP. NBR: 14	DATE: 10/30/2003	INITIATOR: 124138	INSPECTOR: PQ114	FUSELAGE STATION:	STRINGER:	WATER LINE:	BUTT LINE:
DRAWING REFERENCE: 1159AV59623		SYSTEM DWG REF:		TEST SPEC / GAMPS:	TEST PART:	TEST SECT:	TEST STEP:

DISCREPANCY

There are two tywraps not cut beside the jump seat for the wire harness at sta 139

☐ CHECK IF ENG IS REQ

DISPOSITION

ENGINEER

ACTION TAKEN

Cut ty-raps

TECH
306399
10/30/2003

INSPECT

DMT or 156 #:	MRR NUMBER:	MATERIAL USED:		MATERIAL VERIFIED:	
DISCREPANT PART NUMBER:	QTY:	ATA CODE:	24-00-00	WORKTIME:	CLOSE DATE:
	CAUSE: 55	RESP: 518	DEFECT: A20	.1	10/30/2003

Aircraft Discrepancy Sheet

MODEL: GVSP	A/C NUMBER: 5024	JOB NUMBER / WORK CENTER: 0181-5024	MIR / WORK ORDER / TRAVELER NUMBER: GV FAA INSPECTION	DEPT: 0923	DATE: 10/30/2003	PAGE 6	OF 6
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DISCREP. NBR: 15	DATE: 10/30/2003	INITIATOR: 124138	INSPECTOR: PQ114	FUSELAGE STATION:	STRINGER:	WATER LINE:	BUTT LINE:
DRAWING REFERENCE: 1159F57542		SYSTEM DWG REF:		TEST SPEC / GAMPS:	TEST PART:	TEST SECT:	TEST STEP:

DISCREPANCY

347 panel riding in the bracket RH radio rack cover

☐ CHECK IF ENG IS REQ DISPOSITION ENGINEER

ACTION TAKEN TECH INSPECT

Provided clearance per B/P (1159f57542). 307513
10/30/2003

DMT or 156 #:	MRR NUMBER:	MATERIAL USED:		MATERIAL VERIFIED:	
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DISCREPANT PART NUMBER:	QTY:	ATA CODE: 25-14-00	WORKTIME:	CLOSE DATE:	Dual Stamp:	FINAL INSP
		CAUSE: 55	RESP: 517	DEFECT: C27	.5	10/30/2003

DISCREP. NBR: 16	DATE: 10/30/2003	INITIATOR: 124138	INSPECTOR: PQ114	FUSELAGE STATION:	STRINGER:	WATER LINE:	BUTT LINE:
DRAWING REFERENCE: 1159F57012		SYSTEM DWG REF:		TEST SPEC / GAMPS:	TEST PART:	TEST SECT:	TEST STEP:

DISCREPANCY

Current sensor cannon plug chaffing on wire harness under floorboard at STA 169

☐ CHECK IF ENG IS REQ DISPOSITION ENGINEER

ACTION TAKEN TECH INSPECT

Redressed and installed teflon to harness per b/p reqmts to remove chaffing condition 306399
10/30/2003

DMT or 156 #:	MRR NUMBER:	MATERIAL USED:		MATERIAL VERIFIED:	
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DISCREPANT PART NUMBER:	QTY:	ATA CODE: 24-20-00	WORKTIME:	CLOSE DATE:	Dual Stamp:	FINAL INSP
		CAUSE: 55	RESP: 518	DEFECT: C14	.1	10/30/2003

Record count: 16

100

100