

516-794-5531. Before using any approved AMOC, notify your appropriate principal inspector, or lacking a principal inspector, the manager of the local flight standards district office/certificate holding district office.

(2) *Contacting the Manufacturer:* As of the effective date of this AD, for any requirement in this AD to obtain corrective actions from a manufacturer, the action must be accomplished using a method approved by the Manager, New York ACO, ANE-170, FAA; or Transport Canada Civil Aviation (TCCA); or Bombardier, Inc.'s TCCA Design Approval Organization (DAO). If approved by the DAO, the approval must include the DAO-authorized signature.

#### (j) Related Information

(1) Refer to Mandatory Continuing Airworthiness Information (MCAI) Canadian Airworthiness Directive CF-2014-10R1, dated May 4, 2016, for related information. This MCAI may be found in the AD docket on the Internet at <http://www.regulations.gov> by searching for and locating Docket No. FAA-2016-9190.

(2) Service information identified in this AD that is not incorporated by reference is available at the addresses specified in paragraphs (k)(3) and (k)(4) of this AD.

#### (k) Material Incorporated by Reference

(1) The Director of the Federal Register approved the incorporation by reference (IBR) of the service information listed in this paragraph under 5 U.S.C. 552(a) and 1 CFR part 51.

(2) You must use this service information as applicable to do the actions required by this AD, unless this AD specifies otherwise.

(i) Bombardier Service Bulletin 601R-32-110, Revision C, dated May 4, 2016.

(ii) Reserved.

(3) For service information identified in this AD, contact Bombardier, Inc., 400 Côte-Vertu Road West, Dorval, Québec H4S 1Y9, Canada; Widebody Customer Response Center North America toll-free telephone 1-866-538-1247 or direct-dial telephone 1-514-855-2999; fax 514-855-7401; email [ac.yul@aero.bombardier.com](mailto:ac.yul@aero.bombardier.com); Internet <http://www.bombardier.com>.

(4) You may view this service information at the FAA, Transport Airplane Directorate, 1601 Lind Avenue SW., Renton, WA. For information on the availability of this material at the FAA, call 425-227-1221.

(5) You may view this service information that is incorporated by reference at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: <http://www.archives.gov/federal-register/cfr/ibr-locations.html>.

Issued in Renton, Washington, on February 1, 2017.

**Michael Kaszycki,**

*Acting Manager, Transport Airplane Directorate, Aircraft Certification Service.*

[FR Doc. 2017-03020 Filed 2-17-17; 8:45 am]

**BILLING CODE 4910-13-P**

## DEPARTMENT OF TRANSPORTATION

### Federal Aviation Administration

#### 14 CFR Part 39

[Docket No. FAA-2016-9191; Directorate Identifier 2016-NM-106-AD; Amendment 39-18796; AD 2017-04-01]

RIN 2120-AA64

#### Airworthiness Directives; Gulfstream Aerospace Corporation Airplanes

**AGENCY:** Federal Aviation Administration (FAA), DOT.

**ACTION:** Final rule.

**SUMMARY:** We are adopting a new airworthiness directive (AD) for certain Gulfstream Aerospace Corporation Model GVI airplanes. This AD was prompted by a report indicating that there are design deficiencies in the software used for monitoring the disconnect for the flight control computer (FCC)-hosted flight controls actuation main ram linear variable differential transducer (LVDT). This AD requires an update of the FCC software. We are issuing this AD to address the unsafe condition on these products.

**DATES:** This AD is effective March 28, 2017.

The Director of the Federal Register approved the incorporation by reference of certain publications listed in this AD as of March 28, 2017.

**ADDRESSES:** For service information identified in this final rule, contact Gulfstream Aerospace Corporation, Technical Publications Dept., P.O. Box 2206, Savannah, GA 31402-2206; telephone: 800-810-4853; fax: 912-965-3520; email: [pubs@gulfstream.com](mailto:pubs@gulfstream.com); Internet: [http://www.gulfstream.com/product\\_support/technical\\_pubs/pubs/index.htm](http://www.gulfstream.com/product_support/technical_pubs/pubs/index.htm). You may view this referenced service information at the FAA, Transport Airplane Directorate, 1601 Lind Avenue SW., Renton, WA. For information on the availability of this material at the FAA, call 425-227-1221. It is also available on the Internet at <http://www.regulations.gov> by searching for and locating Docket No. FAA-2016-9191.

#### Examining the AD Docket

You may examine the AD docket on the Internet at <http://www.regulations.gov> by searching for and locating Docket No. FAA-2016-9191; or in person at the Docket Management Facility between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays. The AD docket contains this AD, the regulatory evaluation, any comments received, and

other information. The address for the Docket Office (phone: 800-647-5527) is Docket Management Facility, U.S. Department of Transportation, Docket Operations, M-30, West Building Ground Floor, Room W12-140, 1200 New Jersey Avenue SE., Washington, DC 20590.

#### FOR FURTHER INFORMATION CONTACT:

Myles Jalalian, Aerospace Engineer, Systems and Equipment Branch, ACE-119A, FAA, Atlanta Aircraft Certification Office (ACO), 1701 Columbia Avenue, College Park, GA 30337; phone: 404-474-5572; fax: 404-474-5606; email: [Myles.Jalalian@faa.gov](mailto:Myles.Jalalian@faa.gov).

#### SUPPLEMENTARY INFORMATION:

##### Discussion

We issued a notice of proposed rulemaking (NPRM) to amend 14 CFR part 39 by adding an AD that would apply to certain Gulfstream Aerospace Corporation Model GVI airplanes. The NPRM published in the **Federal Register** on November 15, 2016 (81 FR 80009). The NPRM was prompted by a report indicating that there are design deficiencies in the software used for monitoring the disconnect for the FCC-hosted flight controls actuation main ram LVDT. The NPRM proposed to require an update of the FCC software. We are issuing this AD to prevent undetected actuation of the main ram LVDT. Undetected actuation of the main ram LVDT, if not corrected, could result in mechanical failure of the flight control surface actuator mechanism under force fight (the actuator is working against the intended load forces), causing primary surface hardover, spoiler hardover, and loss of control of the airplane.

##### Comments

We gave the public the opportunity to participate in developing this AD. We received no comments on the NPRM or on the determination of the cost to the public.

##### Conclusion

We reviewed the relevant data and determined that air safety and the public interest require adopting this AD as proposed, except for minor editorial changes. We have determined that these minor changes:

- Are consistent with the intent that was proposed in the NPRM for correcting the unsafe condition; and
- Do not add any additional burden upon the public than was already proposed in the NPRM.

**Related Service Information Under 1 CFR Part 51**

We reviewed Gulfstream G650 Aircraft Service Change Number 037, Revision A, dated June 28, 2016; and Gulfstream G650ER Aircraft Service Change Number 037, Revision A, dated

June 28, 2016. The service information describes procedures for doing an update of the FCC software. This service information is distinct because it applies to different airplanes. This service information is reasonably available because the interested parties have access to it through their normal

course of business or by the means identified in the **ADDRESSES** section.

**Costs of Compliance**

We estimate that this AD affects 90 airplanes of U.S. registry. We estimate the following costs to comply with this AD:

**ESTIMATED COSTS**

Action	Labor cost	Parts cost	Cost per product	Cost on U.S. operators
Software update .....	57 work-hours × \$85 per hour = \$4,845 .....	\$9,126	\$13,971	\$1,257,390

According to the manufacturer, some of the costs of this AD may be covered under warranty, thereby reducing the cost impact on affected individuals. We do not control warranty coverage for affected individuals. As a result, we have included all costs in our cost estimate.

**Authority for This Rulemaking**

Title 49 of the United States Code specifies the FAA’s authority to issue rules on aviation safety. Subtitle I, section 106, describes the authority of the FAA Administrator. Subtitle VII: Aviation Programs, describes in more detail the scope of the Agency’s authority.

We are issuing this rulemaking under the authority described in Subtitle VII, Part A, Subpart III, Section 44701: “General requirements.” Under that section, Congress charges the FAA with promoting safe flight of civil aircraft in air commerce by prescribing regulations for practices, methods, and procedures the Administrator finds necessary for safety in air commerce. This regulation is within the scope of that authority because it addresses an unsafe condition that is likely to exist or develop on products identified in this rulemaking action.

**Regulatory Findings**

This AD will not have federalism implications under Executive Order 13132. This AD will not have a substantial direct effect on the States, on the relationship between the national government and the States, or on the distribution of power and responsibilities among the various levels of government.

For the reasons discussed above, I certify that this AD:

- (1) Is not a “significant regulatory action” under Executive Order 12866,
- (2) Is not a “significant rule” under DOT Regulatory Policies and Procedures (44 FR 11034, February 26, 1979),

(3) Will not affect intrastate aviation in Alaska, and

(4) Will not have a significant economic impact, positive or negative, on a substantial number of small entities under the criteria of the Regulatory Flexibility Act.

**List of Subjects in 14 CFR Part 39**

Air transportation, Aircraft, Aviation safety, Incorporation by reference, Safety.

**Adoption of the Amendment**

Accordingly, under the authority delegated to me by the Administrator, the FAA amends 14 CFR part 39 as follows:

**PART 39—AIRWORTHINESS DIRECTIVES**

■ 1. The authority citation for part 39 continues to read as follows:

**Authority:** 49 U.S.C. 106(g), 40113, 44701.

**§ 39.13 [Amended]**

■ 2. The FAA amends § 39.13 by adding the following new airworthiness directive (AD):

**2017–04–01 Gulfstream Aerospace Corporation:** Amendment 39–18796; Docket No. FAA–2016–9191; Directorate Identifier 2016–NM–106–AD.

**(a) Effective Date**

This AD is effective March 28, 2017.

**(b) Affected ADs**

None.

**(c) Applicability**

This AD applies to Gulfstream Aerospace Corporation Model GVI airplanes, certificated in any category, serial numbers 6001 through 6164 inclusive.

Note 1 to paragraph (c) of this AD: Model GVI airplanes are also referred to by marketing designations G650 and G650ER.

**(d) Subject**

Air Transport Association (ATA) of America Code 27; Flight controls.

**(e) Unsafe Condition**

This AD was prompted by a report indicating that there are design deficiencies in the software used for monitoring the disconnect for the flight control computer (FCC)-hosted flight controls actuation main ram linear variable differential transducer (LVDT). We are issuing this AD to prevent undetected actuation of the main ram LVDT. Undetected actuation of the main ram LVDT, if not corrected, could result in mechanical failure of the flight control surface actuator mechanism under force fight (the actuator is working against the intended load forces), causing primary surface hardover, spoiler hardover, and loss of control of the airplane.

**(f) Compliance**

Comply with this AD within the compliance times specified, unless already done.

**(g) Software Update for FCC**

Within 24 months after the effective date of this AD, do an FCC software update, in accordance with the Modification Instructions of Gulfstream G650 Aircraft Service Change 037, Revision A, dated June 28, 2016; or Gulfstream G650ER Aircraft Service Change 037, Revision A, dated June 28, 2016; as applicable.

**(h) Reporting not Required**

Although Gulfstream G650 Aircraft Service Change 037, Revision A, dated June 28, 2016; and Gulfstream G650ER Aircraft Service Change 037, Revision A, dated June 28, 2016; specify to submit certain information to the manufacturer, this AD does not require that action.

**(i) Alternative Methods of Compliance (AMOCs)**

(1) The Manager, Atlanta Aircraft Certification Office (ACO), FAA, has the authority to approve AMOCs for this AD, if requested using the procedures found in 14 CFR 39.19. In accordance with 14 CFR 39.19, send your request to your principal inspector or local Flight Standards District Office, as appropriate. If sending information directly to the manager of the ACO, send it to the attention of the person identified in paragraph (j) of this AD.

(2) Before using any approved AMOC, notify your appropriate principal inspector, or lacking a principal inspector, the manager

of the local flight standards district office/  
certificate holding district office

**(j) Related Information**

For more information about this AD, contact Myles Jalalian, Aerospace Engineer, Systems and Equipment Branch, ACE-119A, FAA, Atlanta ACO, 1701 Columbia Avenue, College Park, GA 30337; phone: 404-474-5572; fax: 404-474-5606; email: [Myles.Jalalian@faa.gov](mailto:Myles.Jalalian@faa.gov).

**(k) Material Incorporated by Reference**

(1) The Director of the Federal Register approved the incorporation by reference (IBR) of the service information listed in this paragraph under 5 U.S.C. 552(a) and 1 CFR part 51.

(2) You must use this service information as applicable to do the actions required by this AD, unless the AD specifies otherwise.

(i) Gulfstream G650 Aircraft Service Change 037, Revision A, dated June 28, 2016.

(ii) Gulfstream G650ER Aircraft Service Change 037, Revision A, dated June 28, 2016.

(3) For service information identified in this AD, contact Gulfstream Aerospace Corporation, Technical Publications Dept., P.O. Box 2206, Savannah, GA 31402-2206; telephone: 800-810-4853; fax: 912-965-3520; email: [pubs@gulfstream.com](mailto:pubs@gulfstream.com); Internet: [http://www.gulfstream.com/product/support/technical\\_pubs/pubs/index.htm](http://www.gulfstream.com/product/support/technical_pubs/pubs/index.htm).

(4) You may view this service information at FAA, Transport Airplane Directorate, 1601 Lind Avenue SW., Renton, WA. For information on the availability of this material at the FAA, call 425-227-1221.

(5) You may view this service information that is incorporated by reference at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: <http://www.archives.gov/federal-register/cfr/ibr-locations.html>.

Issued in Renton, Washington, on February 2, 2017.

**Michael Kaszycki,**

*Acting Manager, Transport Airplane Directorate, Aircraft Certification Service.*

[FR Doc. 2017-03026 Filed 2-17-17; 8:45 am]

**BILLING CODE 4910-13-P**

**DEPARTMENT OF HOMELAND SECURITY**

**Coast Guard**

**33 CFR Part 117**

[Docket No. USCG-2016-1087]

**Drawbridge Operation Regulation; Atlantic Intracoastal Waterway, Wrightsville Beach, NC**

**AGENCY:** Coast Guard, DHS.

**ACTION:** Notice of deviation from drawbridge regulation.

**SUMMARY:** The Coast Guard has issued a temporary deviation from the operating

schedule that governs the S.R. 74 Bridge across the Atlantic Intracoastal Waterway, mile 283.1, at Wrightsville Beach, NC. The deviation is necessary to accommodate the free movement of pedestrians and vehicles during the 8th Annual Wrightsville Beach Marathon. This deviation allows the bridge to remain in the closed-to-navigation position.

**DATES:** The deviation is effective from 5 a.m. to 11 a.m. on March 25, 2017.

**ADDRESSES:** The docket for this deviation, [USCG-2016-1087] is available at <http://www.regulations.gov>. Type the docket number in the "SEARCH" box and click "SEARCH". Click on Open Docket Folder on the line associated with this deviation.

**FOR FURTHER INFORMATION CONTACT:** If you have questions on this temporary deviation, call or email Mr. Martin Bridges, Bridge Administration Branch Fifth District, Coast Guard, telephone 757-398-6422, email [Martin.A.Bridges@uscg.mil](mailto:Martin.A.Bridges@uscg.mil).

**SUPPLEMENTARY INFORMATION:** The event director, Without Limits, with approval from the North Carolina Department of Transportation, who owns and operates the S.R. 74 Bridge across the Atlantic Intracoastal Waterway, mile 283.1, at Wrightsville Beach, NC, has requested a temporary deviation from the current operating regulations. This temporary deviation is necessary to accommodate the free movement of pedestrians and vehicles during the 8th Annual Wrightsville Beach Marathon. The bridge is a double bascule bridge and has a vertical clearance in the closed position of 20 feet above mean high water.

The current operating schedule is set out in 33 CFR 117.821(a)(4). Under this temporary deviation, the bridge will remain in the closed-to-navigation position from 5 a.m. to 11 a.m., on March 25, 2017. The Atlantic Intracoastal Waterway is used by a variety of vessels including recreational vessels, tug and barge traffic, fishing vessels, and small commercial vessels. The Coast Guard has carefully coordinated the restrictions with waterway users in publishing this temporary deviation.

Vessels able to pass through the bridge in the closed position may do so at any time. The bridge will be able to open for emergencies and there is no immediate alternate route for vessels unable to pass through the bridge in the closed position. The Coast Guard will also inform the users of the waterway through our Local and Broadcast Notice to Mariners of the change in operating schedule for the bridge so that vessels

can arrange their transits to minimize any impacts caused by the temporary deviation.

In accordance with 33 CFR 117.35(e), the drawbridge must return to its regular operating schedule immediately at the end of the effective period of this temporary deviation. This deviation from the operating regulations is authorized under 33 CFR 117.35.

Dated: February 14, 2017.

**Hal R. Pitts,**

*Bridge Program Manager, Fifth Coast Guard District.*

[FR Doc. 2017-03372 Filed 2-17-17; 8:45 am]

**BILLING CODE 9110-04-P**

**DEPARTMENT OF HOMELAND SECURITY**

**Coast Guard**

**33 CFR Part 117**

[Docket No. USCG-2017-0050]

**RIN 1625-AA09**

**Drawbridge Operation Regulation; Sturgeon Bay, Sturgeon Bay, WI**

**AGENCY:** Coast Guard, DHS.

**ACTION:** Interim rule with request for comments.

**SUMMARY:** The Coast Guard is modifying the operating regulation that governs the Bayview (State Route 42/57) Bridge, Mile 3.0, Maple-Oregon Bridge, Mile 4.17, and Michigan Street Bridge, Mile 4.3, all over Sturgeon Bay Ship Canal in Sturgeon Bay, WI, to allow testing of the remote operation equipment for all three drawbridges. The operating schedules are not changing. The three drawbridges will be remotely operated by a single tender throughout the 2017 navigation season with request for comments from all stakeholders on the safety and effectiveness of the remote operation arrangement.

**DATES:** This interim rule is effective from March 23, 2017 to midnight on March 15, 2018. Comments and related material must reach the Coast Guard on or before December 1, 2017.

**ADDRESSES:** You may submit comments or view documents mentioned in this preamble as being available in the docket, go to <http://www.regulations.gov>, type [USCG-2017-0050] in the "SEARCH" box and click "SEARCH." Click on Open Docket Folder on the line associated with this rulemaking.

See the "Public Participation and Request for Comments" portion of the **SUPPLEMENTARY INFORMATION** section