

**(b) Affected ADs**

This AD replaces AD 2022–19–05, Amendment 39–22174 (87 FR 54870, September 8, 2022) (AD 2022–19–05).

**(c) Applicability**

This AD applies to all Airbus SAS Model A330–841 and –941 airplanes, certificated in any category.

**(d) Subject**

Air Transport Association (ATA) of America Code: 36, Pneumatic; 75, Air.

**(e) Unsafe Condition**

This AD was prompted by reports of leaking bleed system high pressure valves (HPVs), likely due to HPV clip failure and sealing ring damage, and by the development of additional instructions and maintenance procedures to address HPV failures. The FAA is issuing this AD to address a leaking HPV, which may expose the pressure regulating valve (PRV), which is installed downstream from the HPV, to high pressure, possibly damaging the PRV itself and preventing its closure. The unsafe condition, if not addressed, could result in high pressure and temperatures in the duct downstream from the PRV, with possible duct burst, damage to several systems, and consequent loss of control of the airplane.

**(f) Compliance**

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

**(g) Requirements**

Except as specified in paragraph (h) of this AD: Comply with all required actions and compliance times specified in, and in accordance with, European Union Aviation Safety Agency (EASA) AD 2022–0227, dated November 24, 2022 (EASA AD 2022–0227).

**(h) Exceptions to EASA AD 2022–0227**

(1) Where EASA AD 2022–0227 refers to “05 September 2022 [the effective date of EASA AD 2022–0181],” this AD requires using September 15, 2022 (the effective date of AD 2022–19–05).

(2) Where EASA AD 2022–0227 refers to its effective date, this AD requires using the effective date of this AD.

(3) Where paragraphs (1) and (4) of EASA AD 2022–0227 specify to inform all flightcrews of airplane flight manual (AFM) revisions and dispatch limitations, and thereafter to operate the airplane accordingly, this AD does not require those actions, as those actions are already required by existing FAA regulations (see 14 CFR 91.9, 91.505, and 121.137).

(4) This AD does not adopt the reporting requirements of paragraph (17) of EASA AD 2022–0227.

(5) This AD does not adopt the “Remarks” section of EASA AD 2022–0227.

**(i) Additional AD Provisions**

The following provisions also apply to this AD:

(1) *Alternative Methods of Compliance (AMOCs)*: The Manager, International Validation Branch, 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 responsible Flight Standards Office, as appropriate. If sending information directly to the International Validation Branch, send it to the attention of the person identified in paragraph (j) of this AD. Information may be emailed to: [9-AVS-AIR-730-AMOC@faa.gov](mailto:9-AVS-AIR-730-AMOC@faa.gov).

(i) Before using any approved AMOC, notify your appropriate principal inspector, or lacking a principal inspector, the manager of the responsible Flight Standards Office.

(ii) AMOCs approved previously for AD 2022–19–05 are approved as AMOCs for the corresponding provisions of EASA AD 2022–0227 that are required by paragraph (g) of this AD.

(2) *Contacting the Manufacturer*: For any requirement in this AD to obtain instructions from a manufacturer, the instructions must be accomplished using a method approved by the Manager, International Validation Branch, FAA; or EASA; or Airbus SAS’s EASA Design Organization Approval (DOA). If approved by the DOA, the approval must include the DOA-authorized signature.

(3) *Required for Compliance (RC)*: Except as required by paragraph(s) (i)(2) of this AD, if any service information contains procedures or tests that are identified as RC, those procedures and tests must be done to comply with this AD; any procedures or tests that are not identified as RC are recommended. Those procedures and tests that are not identified as RC may be deviated from using accepted methods in accordance with the operator’s maintenance or inspection program without obtaining approval of an AMOC, provided the procedures and tests identified as RC can be done and the airplane can be put back in an airworthy condition. Any substitutions or changes to procedures or tests identified as RC require approval of an AMOC.

**(j) Additional Information**

For more information about this AD, contact Vladimir Ulyanov, Aviation Safety Engineer, FAA, International Validation Branch, 2200 South 216th Street, Des Moines, WA 98198; telephone 206–231–3229; email [Vladimir.Ulyanov@faa.gov](mailto:Vladimir.Ulyanov@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 this AD specifies otherwise.

(i) European Union Aviation Safety Agency (EASA) AD 2022–0227, dated November 24, 2022.

(ii) [Reserved]

(3) For EASA AD 2022–0227, contact EASA, Konrad-Adenauer-Ufer 3, 50668 Cologne, Germany; telephone +49 221 8999 000; email: [ADS@easa.europa.eu](mailto:ADS@easa.europa.eu); website: [easa.europa.eu](http://easa.europa.eu). You may find this EASA AD on the EASA website: [ad.easa.europa.eu](http://ad.easa.europa.eu).

(4) You may view this material at the FAA, Airworthiness Products Section, Operational Safety Branch, 2200 South 216th Street, Des

Moines, WA. For information on the availability of this material at the FAA, call 206–231–3195.

(5) You may view this material that is incorporated by reference at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, email [fr.inspection@nara.gov](mailto:fr.inspection@nara.gov), or go to: [www.archives.gov/federal-register/cfr/ibr-locations.html](http://www.archives.gov/federal-register/cfr/ibr-locations.html).

Issued on June 2, 2023.

**Michael Linegang,**

*Acting Director, Compliance & Airworthiness Division, Aircraft Certification Service.*

[FR Doc. 2023–12441 Filed 6–12–23; 8:45 am]

**BILLING CODE 4910–13–P**

**DEPARTMENT OF TRANSPORTATION****Federal Aviation Administration****14 CFR Part 39**

**[Docket No. FAA–2022–1055; Project Identifier AD–2022–00573–T; Amendment 39–22455; AD 2023–11–09]**

**RIN 2120–AA64**

**Airworthiness Directives; Gulfstream Aerospace Corporation Airplanes**

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

**ACTION:** Final rule.

**SUMMARY:** The FAA is adopting a new airworthiness directive (AD) for certain Gulfstream Aerospace Corporation Model GVII–G500 and GVII–G600 airplanes. This AD was prompted by reports of two landing incidents in which the alpha limiter engaged in the landing flare in unstable air, resulting in high rate of descent landings and damage to the airplanes. This AD requires updating the flight control computer (FCC) software. The FAA is issuing this AD to address the unsafe condition on these products.

**DATES:** This AD is effective July 18, 2023.

The Director of the Federal Register approved the incorporation by reference of certain publications listed in this AD as of July 18, 2023.

**ADDRESSES:**

*AD Docket:* You may examine the AD docket at [regulations.gov](http://regulations.gov) under Docket No. FAA–2022–1055; or in person at Docket Operations between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays. The AD docket contains this final rule, any comments received, and other information. The address for Docket Operations is U.S. Department of Transportation, Docket Operations, M–30, West Building Ground Floor, Room W12–140, 1200

New Jersey Avenue SE, Washington, DC 20590.

*Material Incorporated by Reference:*

- 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; email [pubs@gulfstream.com](mailto:pubs@gulfstream.com); website [gulfstream.com/en/customer-support](http://gulfstream.com/en/customer-support).

- You may view this service information at the FAA, Airworthiness Products Section, Operational Safety Branch, 2200 South 216th St., Des Moines, WA. For information on the availability of this material at the FAA, call 206-231-3195. It is also available at [regulations.gov](http://regulations.gov) under Docket No. FAA-2022-1055.

**FOR FURTHER INFORMATION CONTACT:**

Myles Jalalian, Aviation Safety Engineer, FAA, 1701 Columbia Avenue, College Park, GA 30337; phone: 404-474-5572; email: [9-ASO-ATLACO-ADs@faa.gov](mailto:9-ASO-ATLACO-ADs@faa.gov).

**SUPPLEMENTARY INFORMATION:**

**Background**

The FAA 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 GVII-G500 and GVII-G600 airplanes. The NPRM published in the **Federal Register** on September 8, 2022 (87 FR 54925). The NPRM was prompted by reports of two landing incidents in which the alpha limiter engaged in the landing flare in unstable air, resulting in high rate of descent landings and damage to the airplane. In the NPRM, the FAA proposed to require updating the FCC software. The FAA is issuing this AD to address inappropriate alpha limiter engagement during the landing flare, which can limit pilot pitch authority during a critical phase of flight near the ground, and result in a high rate of descent landing with possible consequent loss of control of the airplane.

**Discussion of Final Airworthiness Directive**

**Comments**

The FAA received comments from two commenters, Disney Aviation Group (Disney) and Gulfstream Aerospace Corporation (Gulfstream). The following presents the comments received on the NPRM and the FAA's response to each comment.

**Request To Add Service Information**

Disney noted that the proposed AD does not reference Gulfstream Technical

Bulletins Aircraft Service Change (ASC) No. 039A (for GVII-G500) or ASC No. 029A (for GVII-G600). Disney suggested referring to those documents, rather than requiring using a method approved by the FAA, would be logical and easy. Gulfstream added that these ASCs provide corrective actions to address the unsafe condition and should be incorporated by reference in the proposed AD. Gulfstream added that including the ASCs would provide a less ambiguous path to AD compliance and alleviate the need for operators to obtain an alternative method of compliance (AMOC).

The FAA agrees. Gulfstream GVII-G500 ASC No. 039, Revision A, dated September 13, 2022, including Thales Service Bulletin C13204J-27-002, Revision 01, dated September 13, 2022, and Thales Service Bulletin C13212J-27-002, Revision 01, dated September 13, 2022; and Gulfstream GVII-G600 ASC No. 029, Revision A, dated September 12, 2022, including Thales Service Bulletin C13204K-27-002, Revision 01, dated September 13, 2022, and Thales Service Bulletin C13212K-27-002, Revision 01, dated September 13, 2022; which provide procedures for updating the FCC software, were not available when the NPRM was issued. However, the FAA has now reviewed this service information and determined that it addresses the unsafe condition. The FAA has revised paragraph (g) of this AD to include updating the FCC software in accordance with the service information as an optional method of compliance. The FAA has also revised this AD to add paragraph (i) of this AD to specify that this AD does not require reporting, added paragraph (j) of this AD to provide credit for certain previous versions of the service information, and redesignated subsequent paragraphs accordingly.

**Request To Terminate Additional AD**

Disney stated that paragraph (h) of the proposed AD, which states that accomplishing the software update terminates all requirements of AD 2022-10-05, Amendment 39-22043 (87 FR 27494, May 9, 2022) (AD 2022-10-05), is not true. The commenter suggested that the software update would terminate the requirements of both AD 2020-02-18, Amendment 39-21026 (85 FR 8153, February 13, 2020) (AD 2020-02-18) and AD 2022-10-05.

The FAA agrees. Accomplishing the software update required by paragraph (g) of this AD on an airplane terminates all requirements of AD 2020-02-18 and AD 2022-10-05, for that airplane only. The FAA has revised the terminating action language in paragraph (h) of this

AD to also refer to AD 2020-02-18. The FAA also revised paragraph (b) of this AD to refer to AD 2020-02-18 as an affected AD. The FAA notes that this AD does not supersede AD 2020-02-18 and AD 2022-10-05 because airplanes that are operated without the FCC software update required by this AD will continue to be subject to the operating restrictions in AD 2020-02-18 and AD 2022-10-05.

**Request Change to Applicability**

Gulfstream commented that FCC software version 9.5 or equivalent will be installed in production on GVII-G500 aircraft with serial numbers (S/Ns) 72112 and subsequent, and GVII-G600 aircraft with S/Ns 73107 and subsequent. The commenter requested that the FAA revise paragraph (c) to specify that this AD "applies to Gulfstream Aerospace Corporation Model GVII-G500 airplanes, certificated in any category, serial numbers 72001-72111 and GVII-G600 airplanes, certificated in any category, serial numbers 73001-73106."

Gulfstream also commented that airplanes on which the software has already been updated to the version required by the proposed AD should be excluded from the applicability of proposed AD.

The FAA partially agrees. The FAA has revised paragraph (c) of this AD to include terminating serial numbers to exclude production airplanes that have FCC software version 9.5 or equivalent. Regarding the request to exclude airplanes on which the software has already been updated, the FAA notes that this change is unnecessary. Paragraph (f) of this AD mandates compliance with the required actions, unless already done. Therefore, if the actions required by this AD have already been accomplished on an airplane, that airplane is already in compliance with this AD.

**Request To Correct Software Revision Level and Part Number**

Both Disney and Gulfstream noted a typographical error in the FCC software level identified in figure 1 to paragraph (c) of the proposed AD. They requested the FAA revise the FCC software level for the GVII-G600 Module B identified in figure 1 to paragraph (c) of the proposed AD from "72P2700001Z200-SW6.3," to "72P2700001Z200-SW8.1."

Disney also stated the part number changes referenced in Gulfstream ASC No. 039A and ASC No. 029A, paragraph D, Re-identified Parts, are different from the part numbers referenced in figure 1 to paragraph (c) of the proposed AD.

The FAA agrees to correct the typographical error and has revised figure 1 to paragraph (c) of this AD as requested. Regarding the different part numbers, the FAA notes that the part numbers referenced in figure 1 to paragraph (c) of this AD are the existing part numbers that need to be revised.

**Request To Withdraw the NPRM**

Disney stated that there is 100 percent U.S. fleet participation in FCC software version 9.5, and they suggested that all of the requirements have been satisfied via FAA AMOCs. The commenter did not believe that this AD action is necessary, and the FAA infers the commenter is requesting that the FAA withdraw the NPRM.

The FAA disagrees. The worldwide fleet does not have 100 percent compliance with the proposed AD; there are still airplanes that have not been updated to FCC software version 9.5. The FAA, as the State of Design civil aviation authority, has an obligation under international bilateral agreements to issue an AD if an unsafe condition exists. Further, under 14 CFR 39.7 and 39.9, there is a continuing obligation by operators to not reintroduce the unsafe condition mandated by an AD. Therefore, the FAA has determined this AD is necessary to address the unsafe condition.

**Request To Clarify Action in a Note**

Disney stated that note 1 to paragraph (c) of the proposed AD suggests that removing the covers of the FCC module

is necessary to verify the software label. The commenter questioned why the software update cannot be verified by referring to the log entry for the ASC update.

The FAA agrees to clarify. Note 1 to paragraph (c) of this AD is informational in nature and does not require verification of the software update using any particular method. Operators may use other means to determine which software revision they have, provided they can conclusively determine the software revision. The FAA has not changed this AD regarding this issue.

**Additional Changes Made to This Final Rule**

Since the NPRM published, the FAA evaluated the compliance time and determined that extending the compliance time from “no later than April 30, 2023,” to “within 90 days after the effective date of this AD,” will not adversely affect safety. The FAA has revised the compliance time in paragraph (g) of this AD accordingly.

**Conclusion**

The FAA reviewed the relevant data, considered any comments received, and determined that air safety requires adopting this AD as proposed. Accordingly, the FAA is issuing this AD to address the unsafe condition on these products. Except for minor editorial changes, and any other changes described previously, this AD is adopted as proposed in the NPRM.

None of the changes will increase the economic burden on any operator.

**Related Service Information Under 14 CFR Part 51**

The FAA reviewed Gulfstream GVII–G500 ASC No. 039, Revision A, dated September 13, 2022, including Thales Service Bulletin C13204J–27–002, Revision 01, dated September 13, 2022, and Thales Service Bulletin C13212J–27–002, Revision 01, dated September 13, 2022; and Gulfstream GVII–G600 ASC No. 029, Revision A, dated September 13, 2022, including Thales Service Bulletin C13204K–27–002, Revision 01, dated September 13, 2022, and Thales Service Bulletin C13212K–27–002, Revision 01, dated September 13, 2022. This service information specifies procedures for updating the FCC software (which includes loading new software to the FCC modules, re-identifying each module with a new part number, and conducting return-to-service functional checks post-modification). These documents are distinct since they apply to different airplane models. 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 ADDRESSES.

**Costs of Compliance**

The FAA estimates that this AD affects 120 airplanes of U.S. registry. The FAA estimates 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 .....	6 work-hours × \$85 per hour = \$510 .....	\$0	\$510	\$61,200

**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.

The FAA is 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) Will not affect intrastate aviation in Alaska, and

(3) 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.

**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:

**2023–11–09 Gulfstream Aerospace Corporation:** Amendment 39–22455; Docket No. FAA–2022–1055; Project Identifier AD–2022–00573–T.

**(a) Effective Date**

This airworthiness directive (AD) is effective July 18, 2023.

**(b) Affected ADs**

This AD affects AD 2020–02–18, Amendment 39–21026 (85 FR 8153, February 13, 2020) (AD 2020–02–18); and AD 2022–

10–05, Amendment 39–22043 (87 FR 27494, May 9, 2022) (AD 2022–10–05).

**(c) Applicability**

This AD applies to Gulfstream Aerospace Corporation Model GVII–G500 airplanes having serial numbers (S/Ns) 72001 through 72111 inclusive; and GVII–G600 airplanes having S/Ns 73001 through 73106 inclusive; certificated in any category, with flight control computer (FCC) software revisions installed as specified in figure 1 to paragraph (c) of this AD.

FIGURE 1 TO PARAGRAPH (c) OF THIS AD—FCC SOFTWARE REVISION INSTALLED

Model	Nomenclature	Gulfstream Aerospace Corporation part No. (P/N)	Thales P/N
GVII–G500 airplanes .....	FCC COM–MON Module A .....	72P2700001Z100–SW6.3 .....	C13204JB01
	FCC COM–MON Module B .....	72P2700001Z200–SW6.3 .....	C13212JB01
GVII–G600 airplanes .....	FCC COM–MON Module A .....	72P2700001Z100–SW8.1 .....	C13204KB01
	FCC COM–MON Module B .....	72P2700001Z200–SW8.1 .....	C13212KB01

**Note 1 to paragraph (c):** The FCC software label, which identifies the software revision installed, can be found on the face of the FCC module. The FCC modules are installed within the left and right electronic equipment racks. The labels may be viewed by opening the rack doors and removing 4 screws per FCC (8 screws total per airplane) from the FCC cover.

**(d) Subject**

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

**(e) Unsafe Condition**

This AD was prompted by reports of two landing incidents where the alpha limiter engaged in the landing flare in unstable air while on the approach and caused high rate of descent landings and damage to the airplane. The FAA is issuing this AD to address inappropriate alpha limiter engagement during the landing flare, which can limit pilot pitch authority during a critical phase of flight near the ground, and result in a high rate of descent landing with possible consequent loss of control of the airplane.

**(f) Compliance**

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

**(g) Software Update**

Within 90 days after the effective date of this AD, update the FCC software in accordance with either:

(1) Gulfstream GVII–G500 Aircraft Service Change No. 039, Revision A, dated September 13, 2022, including Thales Service Bulletin C13204J–27–002, Revision 01, dated September 13, 2022, and Thales Service Bulletin C13212J–27–002, Revision 01, dated September 13, 2022; or Gulfstream GVII–G600 Aircraft Service Change No. 029, Revision A, dated September 13, 2022, including Thales Service Bulletin C13204K–27–002, Revision 01, dated September 13, 2022, and Thales Service Bulletin C13212K–

27–002, Revision 01, dated September 13, 2022; as applicable; or

(2) A method approved by the Manager, East Certification Branch, FAA.

**(h) Terminating Action for AD 2020–02–18 and AD 2022–10–05**

Accomplishing the software update required by paragraph (g) of this AD on an airplane terminates all requirements of AD 2020–02–18 and AD 2022–10–05, for that airplane only.

**(i) No Reporting Requirement**

Although Gulfstream GVII–G500 Aircraft Service Change No. 039, Revision A, dated September 13, 2022, including Thales Service Bulletin C13204J–27–002, Revision 01, dated September 13, 2022, and Thales Service Bulletin C13212J–27–002, Revision 01, dated September 13, 2022; and Gulfstream GVII–G600 Aircraft Service Change No. 029, Revision A, dated September 13, 2022, including Thales Service Bulletin C13204K–27–002, Revision 01, dated September 13, 2022, and Thales Service Bulletin C13212K–27–002, Revision 01, dated September 13, 2022; specify to submit certain information to the manufacturer, this AD does not include that requirement.

**(j) Credit for Previous Actions**

(1) This paragraph provides credit for the actions specified in paragraph (g)(1) of this AD, if those actions were performed before the effective date of this AD using Gulfstream GVII–G500 Aircraft Service Change No. 039, dated September 12, 2022, including Thales Service Bulletin C13204J–27–002, dated September 9, 2022, and Thales Service Bulletin C13212J–27–002, dated September 9, 2022.

(2) This paragraph provides credit for the actions specified in paragraph (g)(1) of this AD, if those actions were performed before the effective date of this AD using Gulfstream GVII–G600 Aircraft Service Change No. 029, dated September 12, 2022, including Thales Service Bulletin C13204K–27–002, dated

September 9, 2022, and Thales Service Bulletin C13212K–27–002, dated September 9, 2022.

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

(1) The Manager, East Certification Branch, 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 responsible Flight Standards Office, as appropriate. If sending information directly to the manager of the certification office, send it to the attention of the person identified in paragraph (l)(1) of this AD.

(2) Before using any approved AMOC, notify your appropriate principal inspector, or lacking a principal inspector, the manager of the responsible Flight Standards Office.

**(l) Related Information**

(1) For more information about this AD, contact Myles Jalalian, Aviation Safety Engineer, FAA, 1701 Columbia Avenue, College Park, GA 30337; phone: 404–474–5572; email: 9-ASO-ATLACO-ADS@faa.gov.

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

**(m) 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 GVII–G500 Aircraft Service Change No. 039, Revision A, dated September 13, 2022, including Thales Service Bulletin C13204J–27–002, Revision 01, dated September 13, 2022, and Thales Service Bulletin C13212J–27–002, Revision 01, dated September 13, 2022.

(ii) Gulfstream GVII-G600 Aircraft Service Change No. 029, Revision A, dated September 13, 2022, including Thales Service Bulletin C13204K-27-002, Revision 01, dated September 13, 2022, and Thales Service Bulletin C13212K-27-002, Revision 01, dated September 13, 2022.

(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; email [pubs@gulfstream.com](mailto:pubs@gulfstream.com); website [gulfstream.com/en/customer-support](http://gulfstream.com/en/customer-support).

(4) You may view this service information at the FAA, Airworthiness Products Section, Operational Safety Branch, 2200 South 216th St., Des Moines, WA. For information on the availability of this material at the FAA, call 206-231-3195.

(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, [fr.inspection@nara.gov](mailto:fr.inspection@nara.gov), or go to: [www.archives.gov/federal-register/cfr/ibr-locations.html](http://www.archives.gov/federal-register/cfr/ibr-locations.html).

Issued on June 2, 2023.

**Michael Linegang,**

*Acting Director, Compliance & Airworthiness Division, Aircraft Certification Service.*

[FR Doc. 2023-12442 Filed 6-12-23; 8:45 am]

**BILLING CODE 4910-13-P**

## DEPARTMENT OF TRANSPORTATION

### Federal Aviation Administration

#### 14 CFR Parts 43, 65, and 147

[Docket No.: FAA-2021-0237; Amdt. No. 43-52A, 65-63A, 147-9A]

RIN 2120-AL67

#### Aviation Maintenance Technician Schools

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

**ACTION:** Final rule.

**SUMMARY:** The interim final rule (IFR), “Aviation Maintenance Technician Schools,” published on May 24, 2022, and established new regulations for issuing aviation maintenance technician school (AMTS) certificates and associated ratings and the general operating rules for the holders of those certificates and ratings. The IFR was issued pursuant to the Aircraft Certification, Safety, and Accountability Act. In this final rule, the FAA responds to comments to the IFR without making further modifications to the requirements.

**DATES:** Effective June 13, 2023.

**ADDRESSES:** For information on where to obtain copies of rulemaking documents

and other information related to this final rule, see “Additional Information” in the **SUPPLEMENTARY INFORMATION** section of this document.

**FOR FURTHER INFORMATION CONTACT:** For technical questions concerning this action, contact Tanya Glines, Aircraft Maintenance Division, Federal Aviation Administration, 800 Independence Avenue SW, Washington, DC 20591; telephone (202) 380-5896; email [Tanya.Glines@faa.gov](mailto:Tanya.Glines@faa.gov).

#### SUPPLEMENTARY INFORMATION:

##### I. Authority for This Rulemaking

The FAA’s authority to issue rules on aviation safety is found in Title 49 of the United States Code. Subtitle I, Section 106 describes the authority of the FAA Administrator. Subtitle VII, Aviation Programs, describes in more detail the scope of the FAA’s authority.

This rulemaking is issued under the authority described in Title 49, subtitle VII, part A, subpart I, chapter 401, section 40113 (prescribing general authority of the Administrator of the FAA, with respect to aviation safety duties and powers, to prescribe regulations); and Subpart III, Chapter 447, Sections 44701 (general authority of the Administrator to prescribe regulations and minimum standards in the interest of safety for inspecting, servicing, and overhauling aircraft, engines, propellers, and appliances, including for other practices, methods, and procedures necessary for safety in air commerce); 44702 (authority of the Administrator to issue air agency certificates); 44703 (authority of the Administrator to issue airman certificates); 44707 (authority of the Administrator to examine and rate air agencies, including civilian schools giving instruction in repairing, altering, and maintaining aircraft, aircraft engines, propellers, and appliances, on the adequacy of instruction, the suitability and airworthiness of equipment, and the competency of instructors); and 44709 (authority of the Administrator to amend, modify, suspend, and revoke air agency and other FAA-issued certificates).

This rule is further issued under Section 135 of the Aircraft Certification, Safety, and Accountability Act in Public Law 116-260, the Consolidated Appropriations Act of 2021. Section 135, titled “Promoting Aviation Regulations for Technical Training,” provides the requirements and terms of this rule.

##### II. Background

On December 27, 2020, President Donald Trump signed the Consolidated

Appropriations Act (Pub. L. 116-260) into law, which includes the Aircraft Certification, Safety, and Accountability Act (the “Act”). Section 135 of the Act, titled “Promoting Aviation Regulations for Technician Training,” directed the FAA to issue interim final regulations to establish requirements for issuing aviation maintenance technician school (AMTS) certificates and associated ratings and the general operating rules for the holders of those certificates and ratings, in accordance with the requirements set forth within Section 135. In accordance with this direction, the FAA published an IFR titled “Aviation Maintenance Technician Schools” on May 24, 2022 (“the IFR”).<sup>1</sup> In the IFR, the FAA replaced the regulations in part 147, which prescribe the requirements for the certification and operation of FAA-certificated AMTS, with new regulations that conform to the Act.

Pursuant to the Act, the FAA issued the IFR, including requirements addressing:

- When an AMTS certificate is required;
  - Application requirements for AMTS certificates and associated ratings, additional ratings, and changes to certificates;
  - Operations specifications and their contents;
  - The duration of a certificate or rating issued under part 147;
  - The ratings that an AMTS may obtain under part 147;
  - AMTS facilities, equipment, and material;
  - Training provided at another location;
  - AMTS training and curricula;
  - Instructors;
  - Certificates of completion;
  - Quality control systems;
  - The minimum passage rate each school must maintain;
  - FAA inspections;
  - The display of part 147 certificates;
- and

- A student’s ability to take the FAA’s general written test prior to satisfying the experience requirements of § 65.77, provided certain conditions are met.

The FAA also made conforming amendments to parts 43 and 65 to effectuate the legislation. Specifically, the FAA amended Appendix A to part 43 to remove a cross-reference to previous § 147.21 referring to certificates of competency for the affected aircraft. An AMTS that requests an approval, or an AMTS that currently holds an approval originally issued

<sup>1</sup> Interim Final Rule, Aviation Maintenance Technician Schools, 87 FR 31391 (May 24, 2022).