

tests, and that the average labor rate is \$65 per work hour. Based on these figures, the cost impact of the AD on U.S. operators is estimated to be \$8,775, or \$325 per airplane, per inspection/test cycle.

The cost impact figure discussed above is based on assumptions that no operator has yet accomplished any of the requirements of this AD action, and that no operator would accomplish those actions in the future if this AD were not adopted. The cost impact figures discussed in AD rulemaking actions represent only the time necessary to perform the specific actions actually required by the AD. These figures typically do not include incidental costs, such as the time required to gain access and close up, planning time, or time necessitated by other administrative actions.

### Regulatory Impact

The regulations adopted herein 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. Therefore, it is determined that this final rule does not have federalism implications under Executive Order 13132.

For the reasons discussed above, I certify that this action (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); 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. A final evaluation has been prepared for this action and it is contained in the Rules Docket. A copy of it may be obtained from the Rules Docket at the location provided under the caption **ADDRESSES**.

### List of Subjects in 14 CFR Part 39

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

### Adoption of the Amendment

■ Accordingly, pursuant to the authority delegated to me by the Administrator, the Federal Aviation Administration amends part 39 of the Federal Aviation Regulations (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. Section 39.13 is amended by adding the following new airworthiness directive:

#### 2004-13-21 Short Brothers PLC:

Amendment 39-13703. Docket 2003-NM-200-AD.

*Applicability:* All Short Brothers Model SD3-60 SHERPA series airplanes, certificated in any category.

*Compliance:* Required as indicated, unless accomplished previously.

To detect and correct loose bolts that attach the vertical stabilizer to the horizontal stabilizer, and pulled or loose rivets in the upper shear angles, which could result in reduced structural integrity of the vertical stabilizer, accomplish the following:

#### Repetitive Inspections and Torque Tests and Related Investigative Action

(a) Prior to the accumulation of 1,500 total flight hours, or within 2 months after the effective date of this AD, whichever occurs later: Perform a detailed inspection, including a torque test, to detect discrepancies in the bolts or bolt holes that attach the vertical stabilizer to the horizontal stabilizer; and to detect loose or pulled rivets in the upper shear angles. Repeat the detailed inspection and torque test at intervals not to exceed 1,500 flight hours. If any discrepancy is found in the bolts or bolt holes, do the related investigative action before further flight. Accomplish all actions in accordance with the Accomplishment Instructions of Short Brothers Service Bulletin SD3-60 Sherpa-55-1, dated June 6, 2003.

**Note 1:** For the purposes of this AD, a detailed inspection is defined as: "An intensive visual examination of a specific structural area, system, installation, or assembly to detect damage, failure, or irregularity. Available lighting is normally supplemented with a direct source of good lighting at intensity deemed appropriate by the inspector. Inspection aids such as mirror, magnifying lenses, *etc.*, may be used. Surface cleaning and elaborate access procedures may be required."

#### Related Corrective Actions

(b) If any discrepancy is found during any inspection or torque test required by paragraph (a) of this AD: Before further flight, repair in accordance with the Accomplishment Instructions of Short Brothers Service Bulletin SD3-60 Sherpa-55-1, dated June 6, 2003. Where the service bulletin specifies to contact the manufacturer for disposition of certain repair conditions: Before further flight, repair per a method approved by either the Manager, International Branch, ANM-116, FAA, Transport Airplane Directorate; or the Civil Aviation Authority or its delegated agent.

#### No Reporting Requirement

(c) Although the service bulletin referenced in this AD specifies to submit certain information to the manufacturer, this AD does not include such a requirement.

#### Alternative Methods of Compliance

(d) In accordance with 14 CFR 39.19, the Manager, International Branch, is authorized to approve alternative methods of compliance for this AD.

#### Incorporation by Reference

(e) Unless otherwise specified in this AD, the actions shall be done in accordance with Short Brothers Service Bulletin SD3-60 Sherpa-55-1, dated June 6, 2003. This incorporation by reference was approved by the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Copies may be obtained from Short Brothers, Airworthiness & Engineering Quality, P.O. Box 241, Airport Road, Belfast BT3 9DZ, Northern Ireland. Copies may be inspected at the FAA, Transport Airplane Directorate, 1601 Lind Avenue, SW., Renton, Washington; or 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/code\\_of\\_federal\\_regulations/ibr\\_locations.html](http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html).

**Note 2:** The subject of this AD is addressed in British airworthiness directive 001-06-2003.

#### Effective Date

(f) This amendment becomes effective on August 3, 2004.

Issued in Renton, Washington, on June 16, 2004.

Ali Bahrami,

Acting Manager, Transport Airplane Directorate, Aircraft Certification Service.

[FR Doc. 04-14572 Filed 6-28-04; 8:45 am]

BILLING CODE 4910-13-P

## DEPARTMENT OF TRANSPORTATION

### Federal Aviation Administration

#### 14 CFR Part 39

[Docket No. 2002-NM-254-AD; Amendment 39-13702; AD 2004-13-20]

RIN 2120-AA64

#### Airworthiness Directives; Aircraft Equipped With Garmin AT, Apollo GX Series Global Positioning System (GPS) Navigation Units With Software Versions 3.0 through 3.4 Inclusive

**AGENCY:** Federal Aviation Administration, DOT.

**ACTION:** Final rule.

**SUMMARY:** This amendment adopts a new airworthiness directive (AD), applicable to aircraft equipped with Garmin AT, Apollo GX series GPS navigation units with software versions 3.0 through 3.4 inclusive, that requires modification and testing of the software for Apollo GX50/55/60/65 TSO-C129a GPS navigation units; and

reidentification of the part. This action is necessary to prevent the GPS navigation unit, under certain conditions, from providing erroneous cross-deviation information, which could result in the aircraft deviating from its intended course for a brief period of time. Erroneous information may also place an excessive workload on the flightcrew while they monitor other available navigation data to avoid deviating off course. This action is intended to address the identified unsafe condition.

**DATES:** Effective August 3, 2004.

The incorporation by reference of a certain publication listed in the regulations is approved by the Director of the Federal Register as of August 3, 2004.

**ADDRESSES:** The service information referenced in this AD may be obtained from Garmin AT, 2345 Turner Road Southeast, Salem, Oregon 97302. This information may be examined at the Federal Aviation Administration (FAA), Transport Airplane Directorate, Rules Docket, 1601 Lind Avenue, SW., Renton, Washington; or 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/code\\_of\\_federal\\_regulations/ibr\\_locations.html](http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html).

**FOR FURTHER INFORMATION CONTACT:** Walter Cameron, Aerospace Engineer, Systems and Equipment Branch, ANM-130S, FAA, Seattle Aircraft Certification Office, 1601 Lind Avenue, SW., Renton, Washington 98055-4056; telephone (425) 917-6460; fax (425) 917-6590.

**SUPPLEMENTARY INFORMATION:** A proposal to amend part 39 of the Federal Aviation Regulations (14 CFR part 39) to include an airworthiness directive (AD) that is applicable to aircraft equipped with Garmin AT, Apollo GX series GPS navigation units with software versions 3.0 through 3.4 inclusive was published in the **Federal Register** on April 1, 2004 (69 FR 17076). That action proposed to require modification and testing of the software for Apollo GX50/55/60/65 TSO-C129a GPS navigation units; and reidentification of the part.

#### Comments

Interested persons have been afforded an opportunity to participate in the making of this amendment. No comments were submitted in response to the proposal or the FAA's determination of the cost to the public.

#### Conclusion

The FAA has determined that air safety and the public interest require the adoption of the rule as proposed.

#### Cost Impact

We do not know how many aircraft equipped with Apollo GX series GPS navigation units (software versions 3.0 through 3.4 inclusive) of the affected design are on the U.S. Register. However, we do know that the GPS navigation units might be installed on 1,176 aircraft worldwide. It will take approximately 1 work hour per aircraft to accomplish the required modification, at an average labor rate of \$65 per work hour. The parts manufacturer will provide the required parts at no cost to the operator. Based on these figures, the cost impact of the AD on U.S. operators is estimated to be \$65 per aircraft.

The cost impact figure discussed above is based on assumptions that no operator has yet accomplished any of the requirements of this AD action, and that no operator would accomplish those actions in the future if this AD were not adopted. The cost impact figures discussed in AD rulemaking actions represent only the time necessary to perform the specific actions actually required by the AD. These figures typically do not include incidental costs, such as the time required to gain access and close up, planning time, or time necessitated by other administrative actions. Manufacturer warranty remedies may be available for labor costs associated with this AD. As a result, the costs attributable to the AD may be less than stated above.

#### Regulatory Impact

The regulations adopted herein 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. Therefore, it is determined that this final rule does not have federalism implications under Executive Order 13132.

For the reasons discussed above, I certify that this action (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); 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. A final evaluation has

been prepared for this action and it is contained in the Rules Docket. A copy of it may be obtained from the Rules Docket at the location provided under the caption **ADDRESSES**.

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

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

#### Adoption of the Amendment

■ Accordingly, pursuant to the authority delegated to me by the Administrator, the Federal Aviation Administration amends part 39 of the Federal Aviation Regulations (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. Section 39.13 is amended by adding the following new airworthiness directive:

#### 2004-13-20 Garmin AT (formerly UPS Aviation Technologies, Inc.):

Amendment 39-13702. Docket 2002-NM-254-AD.

**Applicability:** Aircraft equipped with Garmin AT, Apollo GX50/55/60/65 TSO-C129a global positioning system (GPS) navigation units with software versions 3.0 through 3.4 inclusive; as listed in UPS Aviation Technologies Service Bulletin 561-4002-001, dated April 19, 2002; certificated in any category.

**Compliance:** Required as indicated, unless accomplished previously.

To prevent the GPS navigation unit, under certain conditions, from providing erroneous cross-deviation information, which could result in the aircraft deviating from its intended course for a brief period of time; and to also prevent erroneous information from placing an excessive workload on the flightcrew while they monitor other available navigation data to avoid deviating off course; accomplish the following:

#### Software Modification, Testing, and Reidentification

(a) Within 6 months after the effective date of this AD, do the actions specified in paragraphs (a)(1) and (a)(2) of this AD, according to the Accomplishment Instructions of UPS Aviation Technologies Service Bulletin 561-4002-001, dated April 19, 2002.

(1) Modify and test the software for the Apollo GX50/55/60/65 TSO-C129a GPS navigation unit by accomplishing all of the actions specified in paragraphs 3.B. and 3.C. of the service bulletin.

(2) Reidentify the modified Apollo GX50/55/60/65 TSO-C129a GPS navigation unit, according to paragraph 3.D. of the service bulletin.

**Alternative Methods of Compliance**

(b) In accordance with 14 CFR 39.19, the Manager, Seattle Aircraft Certification Office, FAA, is authorized to approve alternative methods of compliance (AMOCs) for this AD.

**Incorporation by Reference**

(c) The actions shall be done in accordance with UPS Aviation Technologies Service Bulletin 561-4002-001, dated April 19, 2002. This incorporation by reference was approved by the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Copies may be obtained from Garmin AT, 2345 Turner Road Southeast, Salem, Oregon 97302. Copies may be inspected at the FAA, Transport Airplane Directorate, 1601 Lind Avenue, SW., Renton, Washington; or 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/code\\_of\\_federal\\_regulations/ibr\\_locations.html](http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html).

**Effective Date**

(d) This amendment becomes effective on August 3, 2004.

Issued in Renton, Washington, on June 17, 2004.

**Ali Bahrami,**

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

[FR Doc. 04-14573 Filed 6-28-04; 8:45 am]

**BILLING CODE 4910-13-P**

direct routes for which a minimum or maximum en route authorized IFR altitude is prescribed. This regulatory action is needed because of changes occurring in the National Airspace System. These changes are designed to provide for the safe and efficient use of the navigable airspace under instrument conditions in the affected areas.

**DATES:** *Effective Date:* 0901 UTC, August 5, 2004.

**FOR FURTHER INFORMATION CONTACT:**

Donald P. Pate, Flight Procedure Standards Branch (AMCAFS-420), Flight Technologies and Programs Division, Flight Standards Service, Federal Aviation Administration, Mike Monroney Aeronautical Center, 6500 South MacArthur Blvd., Oklahoma City, OK 73169. (Mail Address: PO Box 25082, Oklahoma City, OK 73125.) telephone: (405) 954-4164.

**SUPPLEMENTARY INFORMATION:** This amendment to part 95 of the Federal Aviation Regulations (14 CFR part 95) amends, suspends, or revokes IFR altitudes governing the operation of all aircraft in flight over a specified route or any portion of that route, as well as the changeover points (COPs) for Federal airways, jet routes, or direct routes as prescribed in part 95.

**The Rule**

The specified IFR altitudes, when used in conjunction with the prescribed changeover points for those routes, ensure navigation aid coverage that is adequate for safe flight operations and free of frequency interference. The reasons and circumstances that create the need for this amendment involve matters of flight safety and operational efficiency in the National Airspace System, are related to published aeronautical charts that are essential to the user, and provide for the safe and efficient use of the navigable airspace. In addition, those various reasons or circumstances require making this amendment effective before the next scheduled charting and publication date of the flight information to assure its timely availability to the user. The

effective date of this amendment reflects those considerations. In view of the close and immediate relationship between these regulatory changes and safety in air commerce, I find that notice and public procedure before adopting this amendment are impracticable and contrary to the public interest and that good cause exists for making the amendment effective in less than 30 days.

**Conclusion**

The FAA has determined that this regulation only involves an established body of technical regulations for which frequent and routine amendments are necessary to keep them operationally current. *It, therefore—*(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); and (3) does not warrant preparation of a regulatory evaluation as the anticipated impact is so minimal. For the same reason, the FAA certifies that this amendment will not have a significant economic impact on a substantial number of small entities under the criteria of the Regulatory Flexibility Act.

**List of Subjects in 14 CFR Part 95**

Airspace, Navigation (air).

Issued in Washington, DC on June 22, 2004.

**James J. Ballough,**

*Director, Flight Standards Service.*

**Adoption of the Amendment**

■ Accordingly, pursuant to the authority delegated to me by the Administrator, part 95 of the Federal Aviation Regulations (14 CFR part 95) is amended as follows effective at 0901 UTC.

■ 1. The authority citation for part 95 continues to read as follows:

**Authority:** 49 U.S.C. 106(g), 40103, 40106, 40113, 40114, 40120, 44502, 44514, 44719, 44721.

■ 2. Part 95 is amended to read as follows:

**DEPARTMENT OF TRANSPORTATION**

**Federal Aviation Administration**

**14 CFR Part 95**

[Docket No. 30417; Amdt. No. 449]

**IFR Altitudes; Miscellaneous Amendments**

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

**ACTION:** Final rule.

**SUMMARY:** This amendment adopts miscellaneous amendments to the required IFR (instrument flight rules) altitudes and changeover points for certain Federal airways, jet routes, or

**REVISIONS TO IFR ALTITUDES AND CHANGEOVER POINTS AMENDMENT 449**

[Effective Date, August 05, 2004; Final, 06/16/2004]

From	To	MEA
<b>§ 95.6001 VICTOR ROUTES—U.S.</b>		
§ 95.6010 VOR Federal Airway 10 Is Amended To Read in Part		
VOLAN, PA FIX ..... *4,000—MRA **3,100—MOCA	*Eared, PA FIX .....	**4,000
EARED, PA FIX .....	Talls, PA FIX .....	*4,000