

Gulfstream apply at a later date for a supplemental type certificate to modify any other model included on Type Certificate No. A16NM to incorporate the same novel or unusual design feature, the special conditions would apply to that model as well.

Conclusion

This action affects only certain novel or unusual design features on Gulfstream Model G280 airplanes. It is not a rule of general applicability and it affects only the applicant who applied to the FAA for approval of these features on the airplane.

List of Subjects in 14 CFR Part 25

Aircraft, Aviation safety, Reporting and recordkeeping requirements.

The authority citation for these special conditions is as follows:

Authority: 49 U.S.C. 106(g), 40113, 44701, 44702, 44704.

The Special Conditions

Accordingly, pursuant to the authority delegated to me by the Administrator, the following special conditions are issued as part of the type-certification basis for Gulfstream Model G280 airplanes modified by Gulfstream Aerospace Corporation.

1. The EFVS imagery on the HUD must not degrade the safety of flight or interfere with the effective use of outside visual references for required pilot tasks during any phase of flight in which it is to be used.

2. To avoid unacceptable interference with the safe and effective use of the pilot-compartment view, the EFVS device must meet the following requirements:

a. EFVS design must minimize unacceptable display characteristics or artifacts (e.g. noise, "burlap" overlay, running water droplets) that obscure the desired image of the scene, impair the pilot's ability to detect and identify visual references, mask flight hazards, distract the pilot, or otherwise degrade task performance or safety.

b. Control of EFVS display brightness must be sufficiently effective, in dynamically changing background (ambient) lighting conditions, to prevent full or partial blooming of the display that would distract the pilot, impair the pilot's ability to detect and identify visual references, mask flight hazards, or otherwise degrade task performance or safety. If automatic control for image brightness is not provided, it must be shown that a single manual setting is satisfactory for the range of lighting conditions encountered during a time-critical, high-workload phase of flight

(e.g., low-visibility instrument approach).

c. A readily accessible control must be provided that permits the pilot to immediately deactivate and reactivate display of the EFVS image on demand without removing the pilot's hands from the primary flight controls (yoke or equivalent) or thrust control.

d. The EFVS image on the HUD must not impair the pilot's use of guidance information, or degrade the presentation and pilot awareness of essential flight information displayed on the HUD, such as alerts, airspeed, attitude, altitude and direction, approach guidance, wind shear guidance, TCAS resolution advisories, and unusual-attitude recovery cues.

e. The EFVS image and the HUD symbols, which are spatially referenced to the pitch scale, outside view, and image, must be scaled and aligned (i.e., conformal) to the external scene and, when considered singly or in combination, must not be misleading, cause pilot confusion, or increase workload. Some airplane attitudes or cross-wind conditions may cause certain symbols, such as the zero-pitch line or flight-path vector, to reach field-of-view limits such that they cannot be positioned conformably with the image and external scene. In such cases, these symbols may be displayed, but with an altered appearance which makes the pilot aware that they are no longer displayed conformably (for example, "ghosting").

f. A HUD system used to display EFVS images must, if previously certified, continue to meet all of the requirements of the original approval.

3. The safety and performance of the pilot tasks associated with the use of the pilot-compartment view must not be degraded by the display of the EFVS image. Pilot tasks that must not be degraded by the EFVS image include:

a. Detection, accurate identification, and maneuvering, as necessary, to avoid traffic, terrain, obstacles, and other hazards of flight.

b. Accurate identification and utilization of visual references required for every task relevant to the phase of flight.

4. Appropriate limitations must be stated in the Operating Limitations section of the Airplane Flight Manual to prohibit the use of the EFVS for functions for which EFVS has not been found to be acceptable.

Issued in Renton, Washington, on May 22, 2013.

Jeff Duven,

Acting Manager, Transport Airplane Directorate, Aircraft Certification Service.

[FR Doc. 2013-12605 Filed 5-28-13; 8:45 am]

BILLING CODE 4910-13-P

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. FAA-2013-0456; Directorate Identifier 2013-CE-011-AD; Amendment 39-17462; AD 2013-11-02]

RIN 2120-AA64

Airworthiness Directives; Aircraft Industries a.s. Airplanes

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final rule; request for comments.

SUMMARY: We are adopting a new airworthiness directive (AD) for Aircraft Industries a.s. Model L-420 airplanes. This AD results from mandatory continuing airworthiness information (MCAI) issued by the aviation authority of another country to identify and correct an unsafe condition on an aviation product. The MCAI describes the unsafe condition as in-flight engine flame out occurred at take-off with water injection after reduction of engine power. We are issuing this AD to require actions to address the unsafe condition on these products.

DATES: This AD is effective June 18, 2013.

We must receive comments on this AD by July 15, 2013.

ADDRESSES: You may send comments by any of the following methods:

- *Federal eRulemaking Portal:* Go to <http://www.regulations.gov>. Follow the instructions for submitting comments.

- *Fax:* (202) 493-2251.

- *Mail:* U.S. Department of Transportation, Docket Operations, M-30, West Building Ground Floor, Room W12-140, 1200 New Jersey Avenue SE., Washington, DC 20590.

- *Hand Delivery:* U.S. Department of Transportation, Docket Operations, M-30, West Building Ground Floor, Room W12-140, 1200 New Jersey Avenue SE., Washington, DC 20590, between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays.

You may review copies of the referenced service information at the FAA, Small Airplane Directorate, 901 Locust, Kansas City, Missouri 64106.

For information on the availability of this material at the FAA, call (816) 329-4148.

Examining the AD Docket

You may examine the AD docket on the Internet at <http://www.regulations.gov>; 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 street address for the Docket Office (telephone (800) 647-5527) is in the **ADDRESSES** section. Comments will be available in the AD docket shortly after receipt.

FOR FURTHER INFORMATION CONTACT:

Doug Rudolph, Aerospace Engineer, FAA, Small Airplane Directorate, 901 Locust, Room 301, Kansas City, Missouri 64106; telephone: (816) 329-4059; fax: (816) 329-4090; email: doug.rudolph@faa.gov.

SUPPLEMENTARY INFORMATION:

Discussion

The European Aviation Safety Agency (EASA), which is the Technical Agent for the Member States of the European Community, has issued AD No. 2013-0097, dated April 24, 2013 (referred to after this as “the MCAI”), to correct an unsafe condition for the specified products. The MCAI states:

Currently, the automatic switching off of the water injection system as installed on L-410 and L-420 aeroplanes stops the water injection into the engines during engine power reduction when throttle control levers pass the position corresponding to 88-92% of gas generator speed.

During a recent event, in-flight engine flame out occurred at take-off with water injection after reduction of engine power. This condition, if not corrected, could lead to further events of uncommanded in-flight engine shut-down or power loss, possibly resulting in forced landing, with consequent damage to the aeroplane and injury to occupants.

Prompted by this occurrence, a procedure has been developed, instructing the flight crew to switch off the water injection system, prior to engine power reduction, to prevent any possible engine flame out.

For the reasons described above, this AD requires an amendment of the Aircraft Flight Manual (AFM) by implementation of a procedure to manually switch off the water injection system, prior to any engine power reduction.

FAA’s Determination and Requirements of the AD

This product has been approved by the aviation authority of another country, and is approved for operation in the United States. Pursuant to our bilateral agreement with this State of

Design Authority, they have notified us of the unsafe condition described in the MCAI and service information referenced above. We are issuing this AD because we evaluated all information provided by the State of Design Authority and determined the unsafe condition exists and is likely to exist or develop on other products of the same type design.

FAA’s Determination of the Effective Date

An unsafe condition exists that requires the immediate adoption of this AD. The FAA has found that the risk to the flying public justifies waiving notice and comment prior to adoption of this rule because there are no airplanes currently on the U.S. registry and thus, does not have any impact upon the public. Therefore, we find that notice and opportunity for prior public comment are unnecessary and that good cause exists for making this amendment effective in less than 30 days.

Comments Invited

This AD is a final rule that involves requirements affecting flight safety, and we did not precede it by notice and opportunity for public comment. We invite you to send any written relevant data, views, or arguments about this AD. Send your comments to an address listed under the **ADDRESSES** section. Include “Docket No. FAA-2013-0456; Directorate Identifier 2013-CE-011-AD” at the beginning of your comments. We specifically invite comments on the overall regulatory, economic, environmental, and energy aspects of this AD. We will consider all comments received by the closing date and may amend this AD because of those comments.

We will post all comments we receive, without change, to <http://www.regulations.gov>, including any personal information you provide. We will also post a report summarizing each substantive verbal contact we receive about this AD.

Costs of Compliance

We estimate that this AD will affect 0 products of U.S. registry. We also estimate that it will take about 1 work-hour per product to comply with the basic requirements of this AD. The average labor rate is \$85 per work-hour.

Based on these figures, we estimate the cost of the AD on U.S. operators to be \$0, or \$0 per product.

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

We determined that 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 the 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 AD:

2013-11-02 Aircraft Industries a.s.:
 Amendment 39-17462; Docket No.
 FAA-2013-0456; Directorate Identifier
 2013-CE-011-AD.

(a) Effective Date

This airworthiness directive (AD) becomes effective June 18, 2013.

(b) Affected ADs

None.

(c) Applicability

This AD applies to Aircraft Industries a.s. Model L-420 airplanes, all serial numbers, certificated in any category.

(d) Subject

Air Transport Association of America (ATA) Code 82: Water Injection.

(e) Reason

This AD was prompted by mandatory continuing airworthiness information (MCAI) originated by an aviation authority of another country to identify and correct an unsafe condition on an aviation product. The MCAI describes the unsafe condition as in-flight engine flame out occurred at take-off with water injection after reduction of engine power. We are issuing this AD to correct this

condition, which, if not corrected, could lead to further events of uncommanded in-flight engine shut-down or power loss, possibly resulting in forced landing, with consequent damage to the airplane and injury to occupants.

(f) Actions and Compliance

Unless already done, within 30 days after June 18, 2013 (the effective date of this AD), amend the applicable airplane flight manual (AFM) by inserting a copy of Appendix 1 of this AD, opposite the appropriate AFM page on which the water injection procedure is described.

(g) Other FAA AD Provisions

The following provisions also apply to this AD:

(1) *Alternative Methods of Compliance (AMOCs)*: The Manager, Standards Office, FAA, has the authority to approve AMOCs for this AD, if requested using the procedures found in 14 CFR 39.19. Send information to ATTN: Doug Rudolph, Aerospace Engineer, FAA, Small Airplane Directorate, 901 Locust, Room 301, Kansas City, Missouri 64106; telephone: (816) 329-4059; fax: (816) 329-4090; email: doug.rudolph@faa.gov. Before using any approved AMOC on any airplane

to which the AMOC applies, notify your appropriate principal inspector (PI) in the FAA Flight Standards District Office (FSDO), or lacking a PI, your local FSDO.

(2) *Airworthy Product*: For any requirement in this AD to obtain corrective actions from a manufacturer or other source, use these actions if they are FAA-approved. Corrective actions are considered FAA-approved if they are approved by the State of Design Authority (or their delegated agent). You are required to assure the product is airworthy before it is returned to service.

(h) Related Information

Refer to MCAI European Aviation Safety Agency (EASA) AD No.: 2013-0097, dated April 24, 2013, for related information.

Appendix 1 to AD 2013-11-02

AIRPLANE FLIGHT MANUAL (AFM)

PROCEDURE TO CONTROL WATER INJECTION SYSTEM for Aircraft Industries a.s. Model L-420 Airplanes

Appendix 1—AFM procedure

Procedure to Control Water Injection System

WATER INJECTION circuit breaker	ON
TCL	T _Q =min. 60%
WATER INJECTION/ON push-button	Push and hold till amber WATER INJECTION signal comes on (on the front control panel)
Before throttling back power: WATER INJECTION/OFF push-button	Push and check amber WATER INJECTION signal extinguishes

WARNING

IF IT IS NECESSARY TO CHANGE TAKE-OFF RATING WITH WATER INJECTION TO LOWER RATING, WATER INJECTION MUST BE STOPPED PRIOR ENGINE POWER DECREASE OTHERWISE ENGINE FLAME OUT CAN OCCUR.

CAUTION

ITT RISES WHEN WATER INJECTION IS TERMINATED. THEREFORE MONITOR ITT AFTER WATER INJECTION TERMINATION AND THROTTLE BACK THE ENGINES AS REQUIRED TO AVOID EXCEEDING THE MAXIMUM PERMISSIBLE LIMIT OF ITT.

NOTE

If water injection pump was set to appropriate degree according to graph in AFM and corresponding amount of water was filled in into water injection tank, the water injection will not last longer than the permissible time for take-off rating using. After exhaustion of the water supply the injection system pressure drops, the injection pump is shut down automatically, and the WATER INJECTION signal on the CWD goes out.

Issued in Kansas City, Missouri, on May 20, 2013.

Earl Lawrence,
Manager, Small Airplane Directorate, Aircraft Certification Service.

[FR Doc. 2013-12517 Filed 5-28-13; 8:45 am]

BILLING CODE 4910-13-P

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 71

[Docket No. FAA-2012-0371; **Airspace**
 Docket No. 12-ANM-11]

Modification of Class D and Class E Airspace; Pueblo, CO

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final rule.

SUMMARY: This action modifies Class D airspace and Class E airspace areas at Pueblo Memorial Airport, Pueblo, CO, to accommodate aircraft using VHF Omni-Directional Radio Range/Distance Measuring Equipment (VOR/DME) standard instrument approach procedures at Pueblo Memorial Airport. This improves the safety and management of Instrument Flight Rules (IFR) operations at the airport. Adjustments to the geographic coordinates of the airport also are made. **DATES:** Effective date, 0901 UTC, August 22, 2013. The Director of the Federal Register approves this incorporation by reference action under 1 CFR part 51, subject to the annual revision of FAA Order 7400.9 and publication of conforming amendments.

FOR FURTHER INFORMATION CONTACT: Eldon Taylor, Federal Aviation Administration, Operations Support Group, Western Service Center, 1601 Lind Avenue SW., Renton, WA 98057; telephone (425) 203-4537.

SUPPLEMENTARY INFORMATION:

History

On February 21, 2013, the FAA published in the **Federal Register** a notice of proposed rulemaking (NPRM) to modify controlled airspace at Pueblo, CO (78 FR 11996). Interested parties were invited to participate in this rulemaking effort by submitting written comments on the proposal to the FAA. No comments were received.

Class D and Class E airspace designations are published in paragraphs 5000, 6002, 6004 and 6005, respectively, of FAA Order 7400.9W dated August 8, 2012, and effective September 15, 2012, which is incorporated by reference in 14 CFR

71.1. The Class D and Class E airspace designations listed in this document will be published subsequently in that Order.

The Rule

This action amends Title 14 Code of Federal Regulations (14 CFR) part 71 by modifying Class D airspace, Class E airspace designated as surface area, Class E airspace designated as an extension to Class D surface area, and Class E airspace extending upward from 700 feet above the surface, at Pueblo, CO, to accommodate IFR aircraft using VOR/DME standard instrument approach procedures at the airport. The geographic coordinates of the airport for the Class D and Class E airspace areas are updated to coincide with the FAA’s aeronautical database. This action is necessary for the safety and management of IFR operations.

The FAA has determined this regulation only involves an established body of technical regulations for which frequent and routine amendments are necessary to keep them operationally current. Therefore, this regulation: (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. Since this is a routine matter that only affects air traffic procedures and air navigation, it is certified this rule, when promulgated, does not have a significant economic impact on a substantial number of small entities under the criteria of the Regulatory Flexibility Act. The FAA’s authority to issue rules regarding aviation safety is found in Title 49 of the U.S. Code. Subtitle 1, Section 106 discusses the authority of the FAA Administrator. Subtitle VII, Aviation Programs, describes in more detail the scope of the agency’s authority. This rulemaking is promulgated under the authority described in Subtitle VII, Part A, Subpart I, Section 40103. Under that section, the FAA is charged with prescribing regulations to assign the use of airspace necessary to ensure the safety of aircraft and the efficient use of airspace. This regulation is within the scope of that authority as it modifies controlled airspace at Pueblo Memorial Airport, Pueblo, CO.

Environmental Review

The FAA has determined that this action qualifies for categorical exclusion under the National Environmental Policy Act in accordance with FAA Order 1050.1E, “Environmental

Impacts: Policies and Procedures,” paragraph 311a. This airspace action is not expected to cause any potentially significant environmental impacts, and no extraordinary circumstances exist that warrant preparation of an environmental assessment.

List of Subjects in 14 CFR Part 71

Airspace, Incorporation by reference, Navigation (air).

Adoption of the Amendment

In consideration of the foregoing, the Federal Aviation Administration amends 14 CFR part 71 as follows:

PART 71—DESIGNATION OF CLASS A, B, C, D AND E AIRSPACE AREAS; AIR TRAFFIC SERVICE ROUTES; AND REPORTING POINTS

■ 1. The authority citation for 14 CFR part 71 continues to read as follows:

Authority: 49 U.S.C. 106(g), 40103, 40113, 40120; E. O. 10854, 24 FR 9565, 3 CFR, 1959–1963 Comp., p. 389.

§ 71.1 [Amended]

■ 2. The incorporation by reference in 14 CFR 71.1 of the Federal Aviation Administration Order 7400.9W, Airspace Designations and Reporting Points, dated August 8, 2012, and effective September 15, 2012 is amended as follows:

Paragraph 5000 Class D airspace.
 * * * * *

ANM CO D Pueblo, CO [Modified]

Pueblo Memorial Airport, CO
 (Lat. 38°17’21” N., long. 104°29’47” W.)

That airspace extending upward from the surface to and including 7,200 feet MSL within a 5.6-mile radius of the Pueblo Memorial Airport. This Class D airspace area is effective during the specific dates and times established in advance by a Notice to Airmen. The effective date and time will thereafter be continuously published in the Airport/Facility Directory.

Paragraph 6002 Class E airspace designated as surface areas.
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ANM CO E2 Pueblo, CO [Modified]

Pueblo Memorial Airport, CO
 (Lat. 38°17’21” N., long. 104°29’47” W.)

Within a 5.6-mile radius of the Pueblo Memorial Airport. This Class E airspace area is effective during the specific dates and times established in advance by a Notice to Airmen. The effective date and time will thereafter be continuously published in the Airport/Facility Directory.

Paragraph 6004 Class E airspace areas designated as an extension to a Class D surface area.
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