

Figure 2 to paragraph (h) of this AD – Credit for Previous AFM Revision

Bombardier Airplane Model	AFM Number	AFM Revision
CL-600-2B19	CSP A-012	AFM Revision 68, dated August 04, 2017; or AFM Revision 69, dated January 05, 2018.
CL-600-2C10	CSP B-012	AFM Revision 22, dated September 15, 2017; or AFM Revision 22A, dated January 03, 2018; or AFM Revision 23, dated March 02, 2018; or AFM revision 23A, dated April 30, 2018.
CL-600-2D15 CL-600-2D24	CSP C-012	AFM Revision 17, dated October 13, 2017; or AFM Revision 17A, dated November 15, 2017; or AFM Revision 17B, dated January 03, 2018; or AFM Revision 18, dated March 29, 2018; or AFM Revision 18A, dated April 30, 2018; or AFM Revision 19, dated June 15, 2018.
CL-600-2E25	CSP D-012	AFM Revision 17, dated June 16, 2017; or AFM Revision 18, dated November 10, 2017; or AFM Revision 18A, dated January 03, 2018; or AFM Revision 19, dated April 27, 2018.

**BILLING CODE 4910-13-C****(i) Other FAA AD Provisions**

The following provisions also apply to this AD:

(1) *Alternative Methods of Compliance (AMOCs)*: The Manager, New York ACO 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 local Flight Standards District Office, as appropriate. If sending information directly to the manager of the certification office, send it to ATTN: Program Manager, Continuing Operational Safety, FAA, New York ACO Branch, 1600 Stewart Avenue, Suite 410, Westbury, NY 11590; telephone 516-228-7300; fax 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*: 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 Branch, 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 AD CF-2018-32, dated December 10, 2018, 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-2019-0256.

(2) For more information about this AD, contact Steven Dzierzynski, Aerospace Engineer, Avionics and Electrical Systems Services Section, FAA, New York ACO Branch, 1600 Stewart Avenue, Suite 410, Westbury, NY 11590; telephone 516-228-7367; fax 516-794-5531; email [9-avs-nyacos@faa.gov](mailto:9-avs-nyacos@faa.gov).

(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>. You may view this service information at the FAA, Transport Standards Branch, 2200 South 216th St., Des Moines, WA. For information on the availability of this material at the FAA, call 206-231-3195.

Issued in Des Moines, Washington, on April 25, 2019.

**Michael Kaszycki,**

*Acting Director, System Oversight Division, Aircraft Certification Service.*

[FR Doc. 2019-09806 Filed 5-13-19; 8:45 am]

**BILLING CODE 4910-13-P**

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

**[Docket No. FAA-2019-0323; Product Identifier 2019-NM-026-AD]**

**RIN 2120-AA64**

**Airworthiness Directives; The Boeing Company Airplanes**

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

**ACTION:** Notice of proposed rulemaking (NPRM).

**SUMMARY:** We propose to adopt a new airworthiness directive (AD) for certain The Boeing Company Model 737-800 series airplanes. This proposed AD was

prompted by reports of inadequate clearance between a certain fuel quantity indicating system (FQIS) tank unit and a certain reinforcement angle upon accomplishment of a certain modification. This proposed AD would require a detailed inspection to measure the clearance between the FQIS tank unit and a certain reinforcement angle, and repair if necessary. We are proposing this AD to address the unsafe condition on these products.

**DATES:** We must receive comments on this proposed AD by June 28, 2019.

**ADDRESSES:** You may send comments, using the procedures found in 14 CFR 11.43 and 11.45, 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:* Deliver to Mail address above between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays.

For service information identified in this NPRM, contact Aviation Partners Boeing, 2811 S 102nd Street, Suite 200, Seattle, WA 98168; telephone 206-830-7699; internet <https://www.aviationpartnersboeing.com>. You may view this service information at the FAA, Transport Standards Branch, 2200 South 216th St., Des Moines, WA. For information on the availability of this material at the FAA, call 206-231-3195.

#### 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-2019-0323; 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 NPRM, the regulatory evaluation, any comments received, and other information. The street address for Docket Operations (phone: 800-647-5527) is listed above. Comments will be available in the AD docket shortly after receipt.

#### FOR FURTHER INFORMATION CONTACT:

Christopher Baker, Aerospace Engineer, Propulsion Section, FAA, Seattle ACO Branch, 2200 South 216th St., Des Moines, WA 98198; phone and fax: 206-231-3552; email: [christopher.r.baker@faa.gov](mailto:christopher.r.baker@faa.gov).

#### SUPPLEMENTARY INFORMATION:

##### Comments Invited

We invite you to send any written relevant data, views, or arguments about this proposal. Send your comments to an address listed under the **ADDRESSES** section. Include “Docket No. FAA-2019-0323; Product Identifier 2019-NM-026-AD” at the beginning of your comments. We specifically invite comments on the overall regulatory, economic, environmental, and energy aspects of this NPRM. We will consider all comments received by the closing date and may amend this NPRM 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 NPRM.

##### Discussion

We have received reports of inadequate clearance between an FQIS tank unit at rib 21 and the stringer U-14 reinforcement angle upon accomplishment of the split scimitar winglet modification of supplemental type certificate (STC) ST00830SE. Following alterations or maintenance in this area, the FQIS tank unit and the stringer U-14 reinforcement angle must maintain a minimum 0.10-inch clearance, as specified in Aviation Partners Boeing (APB) Service Bulletin AP737-57-020, dated April 5, 2018. A Boeing design change led to interference between the FQIS tank unit and the winglet structure upon installation of STC ST00830SE. STC ST00830SE, combined with the Boeing FQIS bracket configuration on certain airplanes, leads to inadequate clearance or interference between the structure and the FQIS tank unit in the outboard area of the wing tanks. APB notified Boeing of the nonconformance when APB was unable to meet the clearance requirements upon installation of the STC ST00830SE on two separate modifications. Such inadequate clearance, if not addressed, could result in a potential source of ignition in a fuel tank, consequent fire, overpressure, and structural failure of the wing.

An ignition in the fuel tank could result from either of two scenarios. In one scenario, if the lightning protection shield over the out-of-tank FQIS wiring has a degraded or missing connection to the structure, excessive current can be

induced in the FQIS wiring during a lightning strike, resulting in high voltage between the fuel probe and the structure. This high voltage from lightning-induced current, combined with inadequate clearance of the probe from the structure, could result in arcs and sparks in the fuel tank. A degraded or missing lightning protection shield connection to the structure is identified as a latent failure.

In the second scenario, electrical sparks could occur if there is a hot short between power wiring and out-of-tank FQIS wiring, when combined with surface coatings that are worn as a result of a probe that has been in contact with the structure. A probe in contact with the structure would likely remain latent for a significant period of time with worn coatings before actual metal-to-metal contact was made, at which time the FQIS indication for that tank would blank, eventually resulting in the need for troubleshooting.

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

We reviewed Aviation Partners Boeing Service Bulletin AP737-57-020, dated April 5, 2018. This service information describes procedures for a detailed inspection to measure the clearance between the FQIS tank unit and stringer U-14 reinforcement angle at rib 21 (WSTA 617) on the left-hand wing, and repair including trimming the stringer U-14 reinforcement angle to obtain minimum clearance. 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.

#### FAA's Determination

We are proposing this AD because we evaluated all the relevant information and determined the unsafe condition described previously is likely to exist or develop in other products of the same type design.

#### Proposed AD Requirements

This proposed AD would require accomplishing the actions specified in the service information described previously.

#### Costs of Compliance

We estimate that this proposed AD affects 16 airplanes of U.S. registry. We estimate the following costs to comply with this proposed AD:

ESTIMATED COSTS

Action	Labor cost	Parts cost	Cost per product	Cost on U.S. operators
Detailed Inspection .....	7 work-hours × \$85 per hour = \$595 .....	\$0	\$595	\$9,520

We estimate the following costs to do any necessary repair that would be required based on the results of the proposed inspection. We have no way of determining the number of aircraft that might need this repair:

ON-CONDITION COSTS

Action	Labor cost	Parts cost	Cost per product
Repair .....	4 work-hours × \$85 per hour = \$340 .....	\$0	\$340

According to the manufacturer, some or all of the costs of this proposed 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 known 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.

This proposed AD is issued in accordance with authority delegated by the Executive Director, Aircraft Certification Service, as authorized by FAA Order 8000.51C. In accordance with that order, issuance of ADs is normally a function of the Compliance and Airworthiness Division, but during this transition period, the Executive Director has delegated the authority to issue ADs applicable to transport category airplanes and associated appliances to the Director of the System Oversight Division.

Regulatory Findings

We determined that this proposed AD would not have federalism implications under Executive Order 13132. This proposed AD would 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 this proposed regulation:

- (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.

The Proposed Amendment

Accordingly, under the authority delegated to me by the Administrator, the FAA proposes to amend 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):

The Boeing Company: Docket No. FAA–2019–0323; Product Identifier 2019–NM–026–AD.

(a) Comments Due Date

We must receive comments by June 28, 2019.

(b) Affected ADs

None.

(c) Applicability

This AD applies to The Boeing Company Model 737–800 series airplanes, certificated in any category, line numbers 4919 through 5063 inclusive, modified by supplemental type certificate (STC) ST00830SE.

(d) Subject

Air Transport Association (ATA) of America Code 28, Fuel.

(e) Unsafe Condition

This AD was prompted by reports of inadequate clearance between a certain fuel quantity indicating system (FQIS) tank unit and a certain reinforcement angle upon accomplishment of a certain modification. We are issuing this AD to address this condition, which could result in a potential source of ignition in a fuel tank and consequent fire, overpressure, and structural failure of the wing and possible loss of the airplane.

(f) Compliance

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

(g) Inspection and Repair

Within 18 months after the effective date of this AD: Perform a detailed inspection to determine the clearance between the FQIS tank unit at rib 21 (WSTA 617) and stringer U–14 reinforcement angle in accordance with the Accomplishment Instructions of Aviation Partners Boeing Service Bulletin AP737–57–020, dated April 5, 2018. If the measured clearance is less than 0.10-inch: Before further flight, perform the repair action in accordance with the Accomplishment Instructions of Aviation Partners Boeing Service Bulletin AP737–57–020, dated April 5, 2018.

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

(1) The Manager, Seattle ACO 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 local Flight Standards District 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 (i)(1) of this AD. Information may be emailed to: [9-ANM-Seattle-ACO-AMOC-Requests@faa.gov](mailto:9-ANM-Seattle-ACO-AMOC-Requests@faa.gov).

(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.

(3) An AMOC that provides an acceptable level of safety may be used for any repair, modification, or alteration required by this AD if it is approved by the Boeing Commercial Airplanes Organization Designation Authorization (ODA) that has been authorized by the Manager, Seattle ACO Branch, FAA, to make those findings. To be approved, the repair method, modification deviation, or alteration deviation must meet the certification basis of the airplane, and the approval must specifically refer to this AD.

**(i) Related Information**

(1) For more information about this AD, contact Christopher Baker, Aerospace Engineer, Propulsion Section, FAA, Seattle ACO Branch, 2200 South 216th St., Des Moines, WA 98198; phone and fax: 206-231-3552; email: [christopher.r.baker@faa.gov](mailto:christopher.r.baker@faa.gov).

(2) For service information identified in this AD, contact Aviation Partners Boeing, 2811 S 102nd Street, Suite 200, Seattle, WA 98168; telephone 206-830-7699; internet <https://www.aviationpartnersboeing.com>. You may view this service information at the FAA, Transport Standards Branch, 2200 South 216th St., Des Moines, WA. For information on the availability of this material at the FAA, call 206-231-3195.

Issued in Des Moines, Washington, on May 3, 2019.

**Michael Kaszycki,**

*Acting Director, System Oversight Division,  
Aircraft Certification Service.*

[FR Doc. 2019-09866 Filed 5-13-19; 8:45 am]

**BILLING CODE 4910-13-P**

**DEPARTMENT OF COMMERCE****National Oceanic and Atmospheric Administration****15 CFR Part 960**

[Docket No.: 100903432-9396-01]

RIN 0648-BA15

**Licensing of Private Remote Sensing Space Systems**

**AGENCY:** National Environmental Satellite, Data, and Information Service

(NESDIS), National Oceanic and Atmospheric Administration (NOAA), Department of Commerce (Commerce).

**ACTION:** Proposed rule.

**SUMMARY:** The Department of Commerce (Commerce), through the National Oceanic and Atmospheric Administration (NOAA), licenses the operation of private remote sensing space systems under the Land Remote Sensing Policy Act of 1992. NOAA's existing regulations implementing the Act were last updated in 2006. Commerce is now proposing to rewrite those regulations, as described in detail below, to reflect significant changes in the space-based remote sensing industry since that time and to improve the regulatory approach overall. Commerce requests public comment on the new proposed regulations.

**DATES:** Comments must be received by July 15, 2019.

**ADDRESSES:** You may send comments by the following methods:

*Federal eRulemaking Portal:* Go to: [www.regulations.gov](http://www.regulations.gov) and search for the docket number NOAA-NESDIS-2018-0058. Click the "Comment Now!" icon, complete the required fields, and enter or attach your comments.

*Mail:* NOAA Commercial Remote Sensing Regulatory Affairs, 1335 East-West Highway, G101, Silver Spring, Maryland 20910.

*Instructions:* The Department of Commerce and NOAA are not responsible for comments sent by any other method, to any other address or individual, or received after the end of the comment period. All submissions received must include the agency name and docket number or RIN for this rulemaking. All comments received will be posted without change to [www.regulations.gov](http://www.regulations.gov), including any personal or commercially proprietary information provided.

**FOR FURTHER INFORMATION CONTACT:** Tahara Dawkins, Commercial Remote Sensing Regulatory Affairs, at 301-713-3385, or Glenn Tallia, NOAA Office of General Counsel, at 301-628-1622.

**SUPPLEMENTARY INFORMATION:****Background**

Pursuant to Article VI of the Treaty on Principles Governing the Activities of States in the Exploration and Use of Outer Space, including the Moon and Other Celestial Bodies (Outer Space Treaty), activities of private U.S. entities in outer space require the "authorization and continuing supervision" of the United States Government. The Land Remote Sensing Policy Act of 1992, codified at 51 U.S.C.

60101 *et seq.* (Act), authorizes the Secretary of Commerce (Secretary) to fulfill this responsibility for operators of private remote sensing space systems, by authorizing the Secretary to issue and enforce licenses for the operation of such systems. The Secretary's authority under the Act is currently delegated to the NOAA Assistant Administrator for Satellite and Information Services. Under its regulations implementing the Act, found at 15 CFR part 960, NOAA has issued licenses for over 1,000 imaging satellites, helping to ensure that the United States remains the clear world leader in this industry.

Through the National Space Council, an interagency organization established by the President of the United States, chaired by the Vice President, and tasked with developing and monitoring the implementation of national space policy and strategy, this Administration has made clear that long-term U.S. interests are best served by ensuring that U.S. industry continues to lead the rapidly maturing and highly competitive private remote sensing space market. The Administration's goal is to advance and protect U.S. national security and foreign policy interests by maintaining the nation's leadership in remote sensing space activities, and by sustaining and enhancing the private U.S. remote sensing space industry. In short, the Administration aims to ensure that the United States remains the world leader in this strategic industry.

To that end, and in accordance with Space Policy Directive-2, Commerce began the process of reviewing its private remote sensing space system regulations by publishing an Advance Notice of Proposed Rulemaking (ANPRM) on June 29, 2018 (83 FR 30592). The ANPRM sought public comment on a variety of questions across five topics related to the Act, and Commerce received nine detailed responses. Commerce thanks all commenters for their thoughtful responses to its ANPRM. Commerce incorporated many principles and specific ideas from these comments into this proposed rule.

Based on the wide scope of this undertaking and substantive changes desired by the Administration and suggested by the public, Commerce is proposing to entirely rewrite the current regulations. Commerce started from a blank slate, then incorporated public input from the ANPRM and the results of several months' worth of interagency discussions. As described in detail below, this proposed rule implements the Administration's and the public's shared goals of increasing transparency, certainty, and reducing regulatory