

commenter. All public comments in response to this RFI must be in writing (including fax or email) and will be a matter of public record.

### Questions

#### For Lenders

1. Are small- or medium-sized manufacturers a part of your ordinary portfolio of loans? If not, why not?
  2. What are the biggest impediments to a small- or medium-sized manufacturer receiving a loan from your lending institution? Are there types of manufacturers (company size, industry etc.) that you would be more hesitant to loan to than others?
  3. Would a new loan guarantee program make you more likely to lend to manufacturers especially small- or medium-sized manufacturers? If so, why and what increase in loan volume to these companies would you estimate would occur?
  4. If EDA established a new Federal loan guarantee program that offered loan guarantees for targeted loans for small- or medium-sized manufacturers to support the use or production of innovative technology (as defined above) how much of a guarantee would your lending institution need in order to be willing to offer loans for such purposes? Besides the level of the guarantee, are there any other requirements that you would have of the guarantee program in order to offer such loans?
  5. What would your lending institution require for a borrower to demonstrate that a market exists for an innovative technology product?
  6. With the support of a loan guarantee program, what size loans would you anticipate making to manufacturers who meet the definition of small- or medium-sized and would you use the loan proceeds to support the use or production of innovative technologies?
  7. If such a Federal program were created, what additional requirements would you require from the manufacturers, if any, to support such a loan?
  8. Have you ever participated in a loan guarantee program (for example, any guarantee program provided by SBA)? If not, why not? If so, would you recommend this process to others? What was your experience with loan guarantee programs (including SBA loan guarantee programs)?
- For Manufacturers*
9. What is the largest sized manufacturer that you would consider calling a medium-sized manufacturer?

10. Is access to capital an impediment for your development as a small- or medium-sized manufacturer? If so, why (specifically) and what is the size of your firm?

11. If accessing capital is an impediment, is securing a loan via a new Federal loan guarantee program to support the use or production of innovative technologies a strategy that you would pursue in order to access capital? If not, why not?
12. If you would pursue a loan, what size loan would be necessary to support your development needs?
13. Given that the purpose of this program would be to support innovation by re-equipping, expanding or establishing a manufacturing facility in the U.S., what types of activities and outcomes would you use the loan to support?
14. Have you ever used a loan guarantee program (for example, any guarantee program provided by the SBA)? If not, why not? If so, would you recommend this process to others? What was your experience with loan guarantee programs (including SBA loan guarantee programs)?

#### General

15. Are there any additional comments that you would like to offer about the proposal to establish a loan guarantee program that targets the use or production of innovative technologies for manufacturing?

Dated: April 10, 2013.

**Matt Erskine,**

*Deputy Assistant Secretary for Economic Development and Chief Operating Officer, Economic Development Administration.*

[FR Doc. 2013-08999 Filed 4-16-13; 8:45 am]

**BILLING CODE 3510-24-P**

## DEPARTMENT OF TRANSPORTATION

### Federal Aviation Administration

#### 14 CFR Part 39

[Docket No. FAA-2013-0331; Directorate Identifier 2011-NM-170-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 747-200B, 747-200F, 747-300, 747SP, 747-400,

and 747-400F series airplanes equipped with Rolls-Royce RB211-524 engines; and certain Model 767-300 series airplanes equipped with Rolls-Royce RB211-524 engines. This proposed AD was prompted by multiple reports of uncommanded thrust reverser unlock events. This proposed AD would require replacing certain relays and relay sockets, and doing wiring changes. For certain airplanes, this proposed AD would also require installing new relay panels, and removing and installing certain components. Additionally, this proposed AD would require, for certain airplanes, accomplishing concurrent actions, which include installing an additional locking system on the thrust reversers, installing an additional locking gearbox on each engine and modifying system wiring for in-flight fault indications of the thrust reverser system, and installing a second locking gearbox system on the thrust reversers. We are proposing this AD to prevent an uncommanded thrust reverser deployment during takeoff or in-flight resulting in decreased airplane control and performance, possible runway excursions, and failure to climb.

**DATES:** We must receive comments on this proposed AD by June 3, 2013.

**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 proposed AD, contact Boeing Commercial Airplanes, Attention: Data & Services Management, P. O. Box 3707, MC 2H-65, Seattle, WA 98124-2207; phone: 206-544-5000, extension 1; fax: 206-766-5680; Internet: <https://www.myboeingfleet.com>. You may review copies of the referenced service information at the FAA, Transport Airplane Directorate, 1601 Lind Avenue SW., Renton, WA. For information on the availability of this material at the FAA, call 425-227-1221.

#### 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 proposed AD, the regulatory evaluation, any comments received, and other information. The street address for the Docket Office (phone: 800-647-5527) is in the **ADDRESSES** section. Comments will be available in the AD docket shortly after receipt.

**FOR FURTHER INFORMATION CONTACT:**

Tung Tran, Aerospace Engineer, Propulsion Branch, ANM-140S, Seattle Aircraft Certification Office (ACO), FAA, 1601 Lind Avenue SW., Renton, WA 98057-3356; phone: 425-917-6505; fax: 425-917-6590; email: [Tung.Tran@faa.gov](mailto:Tung.Tran@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-2013-0331; Directorate Identifier 2011-NM-170-AD" at the beginning of your comments. We specifically invite comments on the overall regulatory, economic, environmental, and energy aspects of this proposed AD. We will consider all comments received by the closing date and may amend this proposed 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 proposed AD.

**Discussion**

We have received multiple reports of uncommanded thrust reverser unlock events. In three of these events, all three thrust reverser locks had disengaged. One report stated that during takeoff roll on a Rolls-Royce RB211-524-powered Model 747-400 airplane, the flightcrew received the ENG 4 REV LIMTD EICAS status message and the ENG 4 REVERSER advisory and status messages. During climb, the cabin crew saw sparks from the exhaust of the number 4 engine. The event was found to be caused by a failure of the o-rings in the air motor switcher or shutoff solenoid valves because of overheating. This let the air motor shutoff valve open, which released the air motor brake. Releasing the air motor brake in the ground mode energized the number 2 and number 3 thrust reverser gear box unlock solenoids, thereby unlocking the

number 2 and number 3 gear boxes. The thrust reverser system on the Rolls-Royce RB211-powered Model 767 airplane is similar to that on the Model 747-400 airplane, and the Model 767 airplane thrust reverser system is likely to be susceptible to the same failure mode. This condition, if not corrected, could result an uncommanded thrust reverser deployment during takeoff or in-flight resulting in decreased airplane control and performance, possible runway excursions, and failure to climb.

**Relevant Service Information**

We reviewed the following service information:

- Boeing Service Bulletin 747-78-2178, Revision 1, dated August 4, 2011.
- Boeing Service Bulletin 747-78-2180, Revision 2, dated November 11, 2011.
- Boeing Service Bulletin 767-78-0096, Revision 1, dated December 10, 2009.

For information on the procedures and compliance times, see this service information at <http://www.regulations.gov> by searching for Docket No. FAA-2013-0331.

**Concurrent Service Information**

Boeing Service Bulletin 747-78-2178, Revision 1, dated August 4, 2011, specifies concurrent or prior accomplishment of Boeing Service Bulletin 747-78-2156, Revision 1, dated August 30, 2001. Boeing Service Bulletin 747-78-2180, Revision 2, dated November 11, 2011, specifies concurrent or prior accomplishment of Boeing Service Bulletin 747-78-2158, Revision 2, dated July 29, 1999. Boeing Service Bulletin 767-78-0096, Revision 1, dated December 10, 2009, specifies concurrent or prior accomplishment of Boeing Service Bulletin 767-78-0059, Revision 3, dated January 20, 1994. For information on the procedures, see this service information at <http://www.regulations.gov> by searching for Docket No. FAA-2013-0331.

**Other Relevant Rulemaking**

AD 2000-01-05, Amendment 39-11502 (65 FR 1051, January 7, 2000), which applies to certain Boeing Model 747-100B, -200, -300, and 747SP series airplanes equipped with Rolls-Royce RB211-524B2, C2, and D4 engines, requires repetitive inspections and tests of the thrust reverser control and indication system on each engine, and corrective actions if necessary; installation of a terminating modification; and repetitive operational checks of that installation, and repair if necessary. AD 2000-01-05 refers to Boeing Service Bulletin 747-78-2156,

dated October 31, 1996, as the appropriate source of service information for accomplishing the required terminating modification.

AD 2000-02-22, Amendment 39-11540 (65 FR 5222, February 3, 2000), for certain Boeing Model 747-400 series airplanes equipped with Rolls-Royce RB211-524G/H and RB211-524G-T/H-T engines, requires installation of a modification of the thrust reverser control and indication system and wiring on each engine; and repetitive operational checks of that installation to detect discrepancies, and repair if necessary. AD 2000-02-22 refers to Boeing Service Bulletin 747-78-2158, Revision 2, dated July 29, 1999, as the appropriate source of service information for accomplishing the required modification.

AD 94-17-03, Amendment 39-8998 (59 FR 41647, August 15, 1994), for certain Boeing Model 767 series airplanes equipped with Rolls-Royce RB211-524 series engines, requires inspections, adjustments, and functional checks of the thrust reverser system; installation of a terminating modification; and repetitive operational checks of the gearbox locks and the air motor brake following accomplishment of the modification. AD 94-17-03 refers to Boeing Service Bulletin 767-78-0059, Revision 2, dated June 10, 1993; or Revision 3, dated January 20, 1994; as the appropriate source of service information for accomplishing the required terminating action.

**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.

The phrase "related investigative actions" might be used in this proposed AD. "Related investigative actions" are follow-on actions that: (1) Are related to the primary actions, and (2) are actions that further investigate the nature of any condition found. Related investigative actions in an AD could include, for example, inspections.

In addition, the phrase "corrective actions" might be used in this proposed AD. "Corrective actions" are actions that correct or address any condition found. Corrective actions in an AD could include, for example, repairs.

**Costs of Compliance**

We estimate that this proposed AD affects 1 airplane 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
Replacement and wiring change for Model 747–200B, 747–200F, 747–300, and 747SP series airplanes (1 U.S. airplane).	30 work-hours × \$85 per hour = \$2,550.	\$4,289 .....	\$6,839 .....	\$6,839
Removal, installations, and wiring changes for Model 747–400 and 747–400F series airplanes (0 U.S. airplanes).	Up to 90 work-hours × \$85 per hour = \$7,650.	Up to \$16,607 .....	Up to \$24,257 .....	\$0
Replacements and wiring changes for Model 767–300 series airplanes (0 U.S. airplanes).	Up to 32 work-hours × \$85 per hour = \$2,720.	Up to \$2,245 .....	Up to \$4,965 .....	\$0

We estimate the following costs to do any necessary concurrent requirements. We have no way of determining the

number of aircraft that might need to do the concurrent requirements.

**CONCURRENT COSTS**

Action	Labor cost	Parts cost	Cost per product
Installation of an additional locking system .....	336 work-hours × \$85 per hour = \$28,560 .....	\$62,674	\$91,234
Installation of an additional locking gearbox on each engine and modification of the system wiring.	185 work-hours × \$85 per hour = \$15,725 .....	\$72,860	\$88,585
Installation of a second locking gearbox system .....	754 work-hours × \$85 per hour = \$64,090 .....	\$0	\$64,090

**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 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–2013–0331; Directorate Identifier 2011–NM–170–AD.

**(a) Comments Due Date**

We must receive comments by June 3, 2013.

**(b) Affected ADs**

None.

**(c) Applicability**

This AD applies to The Boeing Company airplanes, certificated in any category, identified in paragraphs (c)(1), (c)(2), and (c)(3) of this AD, and equipped with Rolls-Royce RB211–524 engines.

(1) Model 747–200B, 747–200F, 747–300, 747SP series airplanes, as identified in Boeing Service Bulletin 747–78–2178, Revision 1, dated August 4, 2011.

(2) Model 747–400 and 747–400F airplanes, identified in Boeing Service Bulletin 747–78–2180, Revision 2, dated November 11, 2011.

(3) Model 767–300 airplanes, as identified in Boeing Service Bulletin 767–78–0096, Revision 1, dated December 10, 2009.

**(d) Subject**

Joint Aircraft System Component (JASC)/ Air Transport Association (ATA) of America Code 7830, Engine Thrust Reverser.

**(e) Unsafe Condition**

This AD was prompted by multiple reports of uncommanded thrust reverser unlock events, three of which had all three locks disengaged. We are issuing this AD to prevent an uncommanded thrust reverser deployment during takeoff or in-flight resulting in decreased airplane control and performance, possible runway excursions, and failure to climb.

**(f) Compliance**

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

**(g) Replacement**

Within 60 months after the effective date of this AD: Do the actions specified in paragraphs (g)(1), (g)(2), and (g)(3) of this AD, as applicable.

(1) For Model 747-200B, 747-200F, 747-300, and 747SP series airplanes: Replace relays and relay sockets in the P252 and P253 panels with new relays and relay sockets, and do wiring changes, in accordance with the Accomplishment Instructions of Boeing Service Bulletin 747-78-2178, Revision 1, dated August 4, 2011.

(2) For Model 747-400 and 747-400F series airplanes: Install the components removed from the existing P252 and P253 panels, install new relays and relay sockets, and do wiring changes on the new P252 and P253 relay panels, in accordance with the Accomplishment Instructions of Boeing Service Bulletin 747-78-2180, Revision 2, dated November 11, 2011.

(3) For Model 767-300 series airplanes: Replace relays and relay sockets in the P36 and P37 panels with new relays and relay sockets, and do wiring changes in the P33, P36, and P37 panels, in accordance with the Accomplishment Instructions of Boeing Service Bulletin 767-78-0096, Revision 1, dated December 10, 2009.

**(h) Concurrent Requirements**

(1) For Model 747-200B, 747-200F, 747-300, and 747SP series airplanes: Prior to or concurrently with accomplishing the actions required by paragraph (g)(1) of this AD, install an additional locking system on the thrust reversers, in accordance with the Accomplishment Instructions of Boeing Service Bulletin 747-78-2156, Revision 1, dated August 30, 2001. Accomplishing this installation is a method of compliance with the installation required by paragraph (c) of AD 2000-01-05, Amendment 39-11502 (65 FR 1051, January 7, 2000).

(2) For Model 747-400 and 747-400F series airplanes identified as Group 1, 2, 3, 4, 7, 8, or 9 airplanes in Boeing Service Bulletin 747-78-2180, Revision 2, dated November 11, 2011: Prior to or concurrently with accomplishing the actions required by paragraph (g)(2) of this AD, install an additional locking gearbox on each engine and modify system wiring for in-flight fault indications of the thrust reverser system, in accordance with the Accomplishment Instructions of Boeing Service Bulletin 747-78-2158, Revision 2, dated July 29, 1999.

**Note 1 to paragraph (h)(2) of this AD:** Paragraph (a)(1) of AD 2000-02-22,

Amendment 39-11540 (65 FR 5222, February 3, 2000), refers to Boeing Service Bulletin 747-78-2158, Revision 2, dated July 29, 1999, as the appropriate source of service information for accomplishing the installation required by that paragraph.

(3) For Model 767-300 series airplanes identified as Group 2 airplanes in Boeing Service Bulletin 767-78-0096, Revision 1, dated December 10, 2009: Prior to or concurrently with accomplishing the actions required by paragraph (g)(3) of this AD, install a second locking gearbox system on the thrust reversers, in accordance with the Accomplishment Instructions of Boeing Service Bulletin 767-78-0059, Revision 3, dated January 20, 1994.

**Note 2 to paragraph (h)(3) of this AD:** Paragraph (c) of AD 94-17-03, Amendment 39-8998 (59 FR 41647, August 15, 1994), refers to Boeing Service Bulletin 767-78-0059, Revision 3, dated January 20, 1994, as an appropriate source of service information for accomplishing the installation required by that paragraph.

**(i) Credit for Previous Actions**

(1) This paragraph provides credit for the requirements of paragraph (g)(1) of this AD, if those actions were performed before the effective date of this AD using Boeing Service Bulletin 747-78-2178, dated January 22, 2009.

(2) This paragraph provides credit for the requirements of paragraph (g)(2) of this AD, if those actions were performed before the effective date of this AD using Boeing Service Bulletin 747-78-2180, dated April 10, 2008.

(3) This paragraph provides credit for the requirements of paragraph (g)(2) of this AD, if those actions were performed before the effective date of this AD using Boeing Service Bulletin 747-78-2180, Revision 1, dated November 11, 2010.

(4) This paragraph provides credit for the requirements of paragraph (g)(3) of this AD, if those actions were performed before the effective date of this AD using Boeing Service Bulletin 767-78-0096, dated August 7, 2008.

(5) This paragraph provides credit for the requirements of paragraph (h)(1) of this AD, if those actions were performed before the effective date of this AD using Boeing Service Bulletin 747-78-2156, dated October 31, 1996.

**Note 3 to paragraph (i)(5) of this AD:** Paragraph (c) of AD 2000-01-05, Amendment 39-11502 (65 FR 1051, January 7, 2000), refers to Boeing Service Bulletin 747-78-2156, dated October 31, 1996, as the appropriate source of service information for accomplishing the installation required by that paragraph.

(6) This paragraph provides credit for the requirements of paragraph (h)(2) of this AD, if those actions were performed before the effective date of this AD using Boeing Service Bulletin 747-78-2158, Revision 1, dated January 22, 1998.

**Note 4 to paragraph (i)(6) of this AD:** In AD 2000-02-22, Amendment 39-11540 (65 FR 5222, February 3, 2000), Note 2 to

paragraph (a)(1) of AD 2000-02-22 refers to Boeing Service Bulletin 747-78-2158, Revision 1, dated January 22, 1998, as a method of compliance for accomplishing the installation required by paragraph (a)(1) of AD 2000-02-22.

(7) This paragraph provides credit for the requirements of paragraph (h)(3) of this AD, if those actions were performed before the effective date of this AD using Boeing Service Bulletin 767-78-0059, Revision 2, dated June 10, 1993.

**Note 5 to paragraph (i)(7) of this AD:** Paragraph (c) of AD 94-17-03, Amendment 39-8998 (59 FR 41647, August 15, 1994), refers to Boeing Service Bulletin 767-78-0059, Revision 2, dated June 10, 1993, as an appropriate source of service information for accomplishing the installation required by that paragraph.

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

(1) The Manager, Seattle Aircraft Certification Office, FAA, has the authority to approve AMOCs for this AD, if requested using the procedures found in 14 CFR 39.19. In accordance with 14 CFR 39.19, send your request to your principal inspector or local Flight Standards District Office, as appropriate. If sending information directly to the manager of the ACO, send it to the attention of the person identified in the Related Information section 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 required by this AD if it is approved by the Boeing Commercial Airplanes ODA that has been authorized by the Manager, Seattle ACO, to make those findings. For a repair method to be approved, the repair must meet the certification basis of the airplane, and the approval must specifically refer to this AD.

**(k) Related Information**

(1) For more information about this AD, contact Tung Tran, Aerospace Engineer, Propulsion Branch, ANM-140S, Seattle Aircraft Certification Office (ACO), FAA, 1601 Lind Avenue SW., Renton, WA 98057-3356; phone: 425-917-6505; fax: 425-917-6590; email: [Tung.Tran@faa.gov](mailto:Tung.Tran@faa.gov).

(2) For service information identified in this AD, contact Boeing Commercial Airplanes, Attention: Data & Services Management, P. O. Box 3707, MC 2H-65, Seattle, WA 98124-2207; phone: 206-544-5000, extension 1; fax: 206-766-5680; Internet: <https://www.myboeingfleet.com>. You may review copies of the referenced service information at the FAA, Transport Airplane Directorate, FAA, 1601 Lind Avenue SW., Renton, WA. For information on the availability of this material at the FAA, call 425-227-1221.

Issued in Renton, Washington, on April 10, 2013.

Jeffrey E. Duven,

Acting Manager, Transport Airplane  
Directorate, Aircraft Certification Service.

[FR Doc. 2013-09006 Filed 4-16-13; 8:45 am]

BILLING CODE 4910-13-P

## DEPARTMENT OF TRANSPORTATION

### Federal Aviation Administration

#### 14 CFR Part 39

[Docket No. FAA-2013-0332; Directorate  
Identifier 2013-NM-009-AD]

RIN 2120-AA64

#### Airworthiness Directives; Bombardier, Inc. 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 Bombardier, Inc. Model CL-600-2B16 (CL-601-3A, CL-601-3R, and CL-604 Variants) airplanes. This proposed AD was prompted by reports of airspeed mismatch between the pilot and co-pilot's airspeed indicators, which occurred during or after heavy rain. This proposed AD would require, for certain airplanes, inspecting for drain bottles having certain part numbers, and replacing affected drain bottles. This proposed AD would require, for certain other airplanes, replacing drain bottles. We are proposing this AD to prevent pitot static tubing from becoming blocked by water, which if not corrected, could lead to erroneous airspeed and altitude indications, and consequent loss of control of the airplane.

**DATES:** We must receive comments on this proposed AD by June 3, 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, between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays.

For service information identified in this proposed AD, contact Bombardier, Inc., 400 Côte-Vertu Road West, Dorval, Québec H4S 1Y9, Canada; telephone 514-855-5000; fax 514-855-7401; email [thd.crj@aero.bombardier.com](mailto:thd.crj@aero.bombardier.com); Internet <http://www.bombardier.com>. You may review copies of the referenced service information at the FAA, Transport Airplane Directorate, 1601 Lind Avenue SW., Renton, WA. For information on the availability of this material at the FAA, call 425-227-1221.

#### Examining the AD Docket

You may examine the AD docket on the Internet at <http://www.regulations.gov>; or in person at the Docket Operations office between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays. The AD docket contains this proposed AD, the regulatory evaluation, any comments received, and other information. The street address for the Docket Operations 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:

Cesar Gomez, Aerospace Engineer, Airframe and Mechanical Systems Branch, ANE-171, FAA, New York Aircraft Certification Office (ACO), 1600 Stewart Avenue, Suite 410, Westbury, New York 11590; telephone (516) 228-7318; fax (516) 794-5531.

#### SUPPLEMENTARY INFORMATION:

#### Comments Invited

We invite you to send any written relevant data, views, or arguments about this proposed AD. Send your comments to an address listed under the **ADDRESSES** section. Include "Docket No. FAA-2013-0332; Directorate Identifier 2013-NM-009-AD" at the beginning of your comments. We specifically invite comments on the overall regulatory, economic, environmental, and energy aspects of this proposed AD. We will consider all comments received by the closing date and may amend this proposed AD based on 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 proposed AD.

#### Discussion

Transport Canada Civil Aviation, which is the aviation authority for Canada, has issued Canadian Airworthiness Directive CF-2012-30, dated December 7, 2012 (referred to after this as the Mandatory Continuing

Airworthiness Information, or "the MCAI"), to correct an unsafe condition for the specified products. The MCAI states:

A number of reports were received from the operators indicating airspeed mismatch between the pilot and co-pilot's airspeed indicators. The erroneous indication occurred during or after heavy rain. Further investigation revealed that during heavy precipitation, the pitot static tubing may become partially or completely blocked by the water which didn't enter the drain bottle(s). This condition, if not corrected, may result in erroneous airspeed and altitude indications [and consequent loss of control of the airplane].

This [Canadian] AD mandates [for certain airplanes] the replacement of the drain bottles to improve drainage of the pitot-static tubing [and, for certain other airplanes, an inspection for, and replacement of, certain drain bottles].

You may obtain further information by examining the MCAI in the AD docket.

#### Relevant Service Information

Bombardier, Inc. has issued the following service bulletins. The actions described in this service information are intended to correct the unsafe condition identified in the MCAI.

- Bombardier Service Bulletin 601-0617, Revision 03, dated December 20, 2012.
- Bombardier Service Bulletin 604-34-065, Revision 02, dated December 20, 2012.
- Bombardier Service Bulletin 605-34-027, Revision 02, dated December 20, 2012.

#### FAA's Determination and Requirements of This Proposed 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 the State of Design Authority, we have been notified of the unsafe condition described in the MCAI and service information referenced above. We are proposing this AD because we evaluated all pertinent information and determined an unsafe condition exists and is likely to exist or develop on other products of the same type design.

#### Costs of Compliance

Based on the service information, we estimate that this proposed AD would affect about 77 products of U.S. registry. We also estimate that it would take about 5 work-hours per product to comply with the basic requirements of this proposed AD. The average labor rate is \$85 per work-hour. Required parts would cost up to \$2,939 per