The MCAI describes the unsafe condition as: product. The MCAI describes the unsafe condition on an aviation product. The MCAI describes the unsafe condition originated by an aviation authority of another country to identify and correct airworthiness information (MCAI). This AD results airworthiness directive (AD) for the 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 W12–40, 1200 New Jersey Avenue, SE, Washington, DC, between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays. 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 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: Dan Rodina, Aerospace Engineer, International Branch, ANM–116, Transport Airplane Directorate, FAA, 1601 Lind Avenue, SW., Renton, Washington 98057–3356; telephone (425) 227–2125; fax (425) 227–1149.

SUPPLEMENTARY INFORMATION: Discussion The European Aviation Safety Agency (EASA), which is the Technical Agent for the Member States of the European Community, has issued Emergency Airworthiness Directive 2009–0251–E, dated November 25, 2009, and Airworthiness Directive 2009–0262, dated December 15, 2009 (referred to after this as “the MCAI”), to correct an unsafe condition for the specified products. EASA AD 2009–0251–E states:

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39


Airworthiness Directives; Fire Fighting Enterprises Limited Portable Halon 1211 Fire Extinguishers as Installed on Various Transport Airplanes, Small Airplanes, and Rotorcraft

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

ACTION: Final rule; request for comments.

SUMMARY: We are adopting a new airworthiness directive (AD) for the products listed above. This AD results from 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:

The Civil Aviation Authority of the United Kingdom (UK) has informed EASA that significant quantities of Halon 1211 gas, determined to be outside the required specification, have been supplied to the aviation industry for use in fire extinguishing equipment. Halon 1211 (BCF) is used in handheld fire extinguishers, usually fitted or stowed in aircraft cabins.

EASA published Safety Information Bulletin (SIB) 2009–39 on 23 October 2009 to make the aviation community aware of this safety concern.

The results of the ongoing investigation now show that LyonTech Engineering Ltd, a UK-based company, has supplied a quantity of heavily contaminated Halon 1211 (BCF) to Fire Fighting Enterprises (FFE). This Halon 1211 has subsequently been used to fill certain FFE portable fire extinguishers that are now likely to be installed in or carried on board aircraft.

The contaminated nature of this gas, when used against a fire, may lead to release of toxic fumes, possibly causing injury to aircraft occupants.

For the reason described above, this EASA AD requires the identification and removal from service of all affected fire extinguishers and replacement with serviceable units.

EASA AD 2009–0262 adds the following:

* * * * On 25 November 2009, EASA Emergency AD 2009–0251E was published to address an earlier batch of extinguishers with contaminated Halon 1211.

The results of the ongoing investigation have now established that LyonTech Engineering Ltd, a UK-based company, has supplied further consignments of Halon 1211 (BCF) to Fire Fighting Enterprises (FFE) that do not meet the required specification. This Halon 1211 has subsequently been used to fill certain FFE portable cabin and toilet compartment fire extinguishers that are now likely to be installed in or carried on board aircraft.

The contaminated nature of this gas, when used against a fire, may provide reduced fire suppression, endangering the safety of the aircraft and its occupants. In addition, extinguisher activation may lead to release of toxic fumes, possibly causing injury to aircraft occupants.

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

FAA’s Determination and Requirements of This 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 issuing this AD because we evaluated all pertinent information and determined the unsafe condition exists and is likely to exist or
develop on other products of the same type design.

**Differences Between the AD and the MCAI**

We have reviewed the MCAI and, in general, agree with their substance. But we might have found it necessary to use different words from those in the MCAI to ensure the AD is clear for U.S. operators and is enforceable. In making these changes, we do not intend to differ substantively from the information provided in the MCAI and related service information.

We might also have required different actions in this AD from those in the MCAI in order to follow FAA policies. Any such differences are highlighted in a Note within the AD.

**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 contaminated Halon 1211 gas has been used to fill certain portable cabin and toilet compartment fire extinguishers that are now likely to be installed in or carried on board aircraft. The contaminated nature of this gas, when used against a fire, may provide reduced fire suppression, endangering the safety of the aircraft and its occupants. In addition, extinguisher activation may lead to release of toxic fumes, possibly causing injury to aircraft occupants. Therefore, we determined that notice and opportunity for public comment before issuing this AD are impracticable 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 data, views, or arguments about this AD. 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.

**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 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); 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.

We prepared a regulatory evaluation of the estimated costs to comply with this AD and placed it in the AD docket.

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

Air transportation, Aircraft, Aviation safety, 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:


   **Effective Date**

   (a) This airworthiness directive (AD) becomes effective January 20, 2010.

   **Affected ADs**

   (b) None.

   **Applicability**

   (c) This AD applies to portable Halon 1211 (BCF) fire extinguishers manufactured by Fire Fighting Enterprises Limited. These fire extinguishers may be installed on (or carried or stowed on board) various transport airplanes, small airplanes, and rotorcraft, certificated in any category, identified in but not limited to the airplanes and rotorcraft of the manufacturers included in Table 1 of this AD, all type-certificated models.

**Table 1—Affected Airplanes and Rotorcraft**

<table>
<thead>
<tr>
<th>Manufacturer</th>
<th>Product subtype</th>
</tr>
</thead>
<tbody>
<tr>
<td>328 Support Services GmbH (Type Certificate previously held by AvCraft Aerospace GmbH; Fairchild Dornier GmbH; Dornier Luftfahrt GmbH).</td>
<td>Transport Airplane.</td>
</tr>
<tr>
<td>Agusta S.p.A</td>
<td>Rotorcraft.</td>
</tr>
<tr>
<td>AgustaWestland</td>
<td>Transport Airplane.</td>
</tr>
<tr>
<td>Airbus (Type Certificate previously held by Airbus Industrie)</td>
<td>Small Airplane.</td>
</tr>
<tr>
<td>Aircraft Industries a.s. (Type Certificate previously held by LE TECKÉ ZÁVODY a.s.; LET Aeronautical Works)</td>
<td>Transport Airplane.</td>
</tr>
<tr>
<td>Alenia Aeronautica</td>
<td>Transport Airplane.</td>
</tr>
</tbody>
</table>
TABLE 1—AFFECTED AIRPLANES AND ROTORCRAFT—Continued

<table>
<thead>
<tr>
<th>Manufacturer</th>
<th>Product subtype</th>
</tr>
</thead>
<tbody>
<tr>
<td>B–N Group Ltd (Type Certificate previously held by Pilatus Britten-Norman Limited; Britten-Norman (Bembridge) Limited).</td>
<td>Small Airplane.</td>
</tr>
<tr>
<td>BAE Systems (Operations) Limited (Type Certificate previously held by British Aerospace Regional Aircraft; British Aerospace (Commercial Aircraft) Limited; Jetstream Aircraft Limited; British Aerospace, PLC; Avro International Aerospace Division; British Aerospace).</td>
<td>Transport Airplane.</td>
</tr>
<tr>
<td>The Boeing Company</td>
<td>Transport Airplane.</td>
</tr>
<tr>
<td>Empresa Brasileira de Aeronautica S.A. (EMBRAER)</td>
<td>Transport Airplane.</td>
</tr>
<tr>
<td>Eurocopter Deutschland GMBH (ECD) (Type Certificate previously held by Messerschmitt-Bolkow-Blohm-GmbH)</td>
<td>Rotorcraft.</td>
</tr>
<tr>
<td>Eurocopter France</td>
<td>Rotorcraft.</td>
</tr>
<tr>
<td>Fokker Services B.V</td>
<td>Transport Airplane.</td>
</tr>
<tr>
<td>Hawker Beechcraft (Type Certificate previously held by Raytheon Aircraft Company; Beech Aircraft Corporation)</td>
<td>Small Airplane.</td>
</tr>
<tr>
<td>Pilatus Aircraft Ltd</td>
<td>Small Airplane.</td>
</tr>
<tr>
<td>Saab AB, Saab Aerosystems (Type Certificate previously held by SAAB AIRCRAFT AB; SAAB-Fairchild)</td>
<td>Small Airplane.</td>
</tr>
<tr>
<td>Short Brothers PLC (Type Certificate previously held by Short Brothers, Ltd.)</td>
<td>Small Airplane.</td>
</tr>
<tr>
<td>Triton America LLC (Type Certificate previously held by AAI Acquisition, Inc; Adam Aircraft)</td>
<td>Transport Airplane.</td>
</tr>
</tbody>
</table>

Subject

(d) Air Transport Association (ATA) of America Code 26: Fire Protection.

Reason

(e) The mandatory continuing airworthiness information (MCAI) consists of two European Aviation Safety Agency (EASA) ADs: 2009–0251–E, dated November 25, 2009, and 2009–0262, dated December 15, 2009. EASA AD 2009–0251–E states: The Civil Aviation Authority of the United Kingdom (UK) has informed EASA that significant quantities of Halon 1211 gas, determined to be outside the required specification, have been supplied to the aviation industry for use in fire extinguishing equipment. Halon 1211 (BCF) is used in handheld fire extinguishers, usually fitted or stowed in aircraft cabins. EASA published Safety Information Bulletin (SIB) 2009–39 on 23 October 2009 to make the aviation community aware of this safety concern. The results of the ongoing investigation now show that LyonTech Engineering Ltd, a UK-based company, has supplied a quantity of heavily contaminated Halon 1211 (BCF) to Fire Fighting Enterprises (FFE). This Halon 1211 has subsequently been used to fill certain FFE portable cabin and toilet compartment fire extinguishers that are now likely to be installed in or carried on board aircraft.

Halon 1211 has subsequently been used to fill certain FFE portable cabin and toilet compartment fire extinguishers that are now likely to be installed in or carried on board aircraft.

The contaminated nature of this gas, when used against a fire, may provide reduced fire suppression, endangering the safety of the aircraft and its occupants. In addition, extinguisher activation may lead to release of toxic fumes, possibly causing injury to aircraft occupants.

Compliance

(f) You are responsible for having the actions required by this AD performed within the compliance times specified, unless the actions have already been done.

Actions

(g) Do the following actions.

(1) Within 90 days after the effective date of this AD, replace portable Halon 1211 (BCF) fire extinguishers manufactured by Fire Fighting Enterprises Limited with serviceable fire extinguishers; except as provided in paragraph (g)(2) of this AD.

(2) Fire extinguishers identified in paragraphs (g)(2)(i) and (g)(2)(ii) of this AD are not required to be replaced. (i) Fire extinguishers conclusively determined to have been most recently filled with Halon 1211 supplied by a company other than LyonTech Engineering Limited. (ii) Fire extinguishers that have been most recently filled by LyonTech Engineering Limited and that are conclusively determined by Fire Fighting Enterprises Limited to be filled with Halon 1211 that meets their design specification for Halon purity. (3) As of the effective date of this AD, do not install any portable fire extinguisher manufactured by Fire Fighting Enterprises Limited unless it has been conclusively determined that the last time it was filled, it was filled with Halon 1211 supplied by a company other than LyonTech Engineering Limited; or it has been conclusively determined by Fire Fighting Enterprises Limited that the last time it was filled, it was filled with Halon 1211 that meets their design specification for Halon purity.

FAA AD Differences

Note: This AD differs from the MCAI and/or service information as follows: (1) EASA ADs 2009–0251–E and 2009–0262 specify to inspect for certain fire extinguishers manufactured by Fire Fighting Enterprises Limited and replace if necessary. This AD requires replacing all fire extinguishers manufactured by Fire Fighting Enterprises Limited except as provided in paragraph (g)(2) of this AD. (2) EASA AD 2009–0251–E specifies a time of 2 days to do the actions and EASA AD 2009–0262 specifies a time of 30 days to do the actions. This AD requires that the actions be done within 90 days. We have determined that a 90-day compliance time will ensure an acceptable level of safety.

Other FAA AD Provisions

(h) The following provisions also apply to this AD: (1) Alternative Methods of Compliance (AMOCs): The manager of the office having certificate responsibility for the affected product has the authority to approve AMOCs for this AD, if requested using the procedures found in 14 CFR 39.19. The Manager, International Branch, ANM–116, Transport Airplane Directorate, FAA, will coordinate requests for approval of AMOCs with the manager of the appropriate office for the affected product. Send information to ATTN: Dan Rodina, Aerospace Engineer, International Branch, ANM–116, Transport Airplane Directorate, FAA, 1601 Lind Avenue, SW., Renton, Washington 98057–3356; telephone (425) 227–2123; fax (425) 227–1149. Before using any approved AMOC on any airplane to which the AMOC applies, notify your principal maintenance inspector (PMI) or principal avionics inspector (PAI), as appropriate, or lacking a principal inspector, your local Flight Standards District Office. The AMOC approval letter must specifically reference this AD. (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.

(3) Reporting Requirements: For any reporting requirement in this AD, under the provisions of the Paperwork Reduction Act (44 U.S.C. 3501 et seq.), the Office of Management and Budget (OMB) has approved the information collection requirements and has assigned OMB Control Number 2120–0056.

Related Information

(i) Refer to MCAI EASA Emergency
Airworthiness Directive 2009–0251–E, dated November 25, 2009; and EASA

Material Incorporated by Reference

(j) None.

Issued in Washington, DC, on December 28, 2009.

Kalene C. Yanamura,
Acting Director, Aircraft Certification Service.

[FR Doc. E9–31134 Filed 1–4–10; 8:45 am]

BILLING CODE 4910–13–P

DEPARTMENT OF TRANSPORTATION
Federal Aviation Administration

14 CFR Part 39

[Docket No. FAA–2009–0785; Directorate
Identifier 2009–NM–125–AD; Amendment
39–16163; AD 2010–01–06]

RIN 2120–AA64

Airworthiness Directives; Bombardier,
Inc. (Type Certificate Previously Held
by de Havilland, Inc.) Model DHC–8–
400 Series Airplanes

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

ACTION: Final rule.

SUMMARY: We are superseding an
existing airworthiness directive (AD) for
the products listed above. This AD
results from 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:

There has been one case reported of failure
of a shaft (tailstock) on an elevator Power
Control Unit (PCU), Part Number (P/N)
390600–1007. Continued actuation of the
affected PCU caused damage to the
surrounding structure. * * *

Each elevator surface has three PCUs,
powered by separate independent hydraulic
systems, and a single elevator PCU shaft
failure may remain dormant. Such a dormant
loss of redundancy, coupled with the
potential for a failed shaft to produce
collateral damage, including damage to
hydraulic lines, could possibly affect the
controllability of the aircraft.

We are issuing this AD to require
actions to correct the unsafe condition
on these products.

DATES: This AD becomes effective
February 9, 2010.

On June 26, 2009 (74 FR 27686, June
11, 2009), the Director of the Federal
Register approved the incorporation by
reference of certain publications listed
in this AD.

ADDRESSES: You may examine the AD
docket on the Internet at http://
www.regulations.gov or in person at the
U.S. Department of Transportation,
Docket Operations, M–30, West
Building Ground Floor, Room W12–140,
1200 New Jersey Avenue, SE.,
Washington, DC.

FOR FURTHER INFORMATION CONTACT:
Cesar Gomez, Aerospace Engineer,
Airframe and Mechanical Systems
Branch, ANE–171, FAA, New York
Aircraft Certification Office, 1600
Stewart Avenue, Suite 410, Westbury,
New York 11500; telephone (516) 228–
7318; fax (516) 794–5531.

SUPPLEMENTARY INFORMATION:

Discussion

We issued a notice of proposed
rulemaking (NPRM) to amend 14 CFR
part 39 to include an AD that would
apply to the specified products. That
NPRM was published in the Federal
Register on September 4, 2009 (74 FR
45787), and proposed to supersede AD
2009–12–13, Amendment 39–15936 (74
FR 27686, June 11, 2009). That NPRM
proposed to correct an unsafe condition
for the specified products.

When we issued AD 2009–12–13, the
eventual replacement of all elevator
power control units identified in
paragraph (f)(1) of that AD was not
required. We have now determined that
further rulemaking is necessary for this
action, and this AD follows from that
determination. We are mandating the
optional terminating action in paragraph
(f)(3) of AD 2009–12–13 in this AD. You
may obtain further information by
examining the MCAI in the AD docket.

Comments

We gave the public the opportunity to
participate in developing this AD. We
received no comments on the NPRM or
on the determination of the cost to the
public.

Explanation of Change to Alternative
Method of Compliance Paragraph

We have updated paragraph (b)(1) of
this AD to provide the appropriate
contact information to use when
submitting requests for approval of an
alternative method of compliance
(AMOC).

Explanation of Changes Made to This
AD

We have revised this AD to identify
the legal name of the manufacturer as
published in the most recent type
certificate data sheet for the affected
airplane models.

Conclusion

We reviewed the available data and
determined that air safety and the
public interest require adopting the AD
with the changes described previously.
We determined that these changes will
not increase the economic burden on
any operator or increase the scope of the
AD.

Differences Between This AD and the
MCAI or Service Information

We have reviewed the MCAI and
related service information and, in
general, agree with their substance. But
we might have found it necessary to use
different words from those in the MCAI
to ensure the AD is clear for U.S.
operators and is enforceable. In making
these changes, we do not intend to differ
substantively from the information
provided in the MCAI and related
service information.

We might also have required different
actions in this AD from those in the
MCAI in order to follow our FAA
policies. Any such differences are
highlighted in a Note within the AD.

Costs of Compliance

We estimate that this AD will affect
about 61 products of U.S. registry.

The actions that are required by AD
2009–12–13 and retained in this AD
take about 3 work-hours per product, at
an average labor rate of $80 per work
hour. Based on these figures, the
estimated cost of the currently required
actions is $240 per product.

We estimate that it will take about 13
work-hours per product to comply with
the new basic requirements of this AD.
The average labor rate is $80 per work-
hour. Required parts will cost about $0
per product. Where the service
information lists required parts costs
that are covered under warranty, we
have assumed that there will be no
charge for these costs. As we do not
control warranty coverage for affected
parties, some parties may incur costs
higher than estimated here. Based on
these figures, we estimate the cost of
this AD to the U.S. operators to be
$63,440, or $1,040 per product.