We are adopting a new airworthiness directive (AD) for the products listed above. This AD requires installing two warning level indicator lights on the P2–2 center instrument panel in the flight compartment for certain airplanes. For a certain other airplane, this AD requires activating the cabin altitude warning and takeoff configuration warning lights. For all airplanes, this AD also requires revising the airplane flight manual to remove certain requirements included by previous AD actions, requires new pressure altitude limitations for certain airplanes, and advises the flightcrew of the following changes: revised emergency procedures to use when a cabin altitude warning or rapid depressurization occurs, and revised cabin pressurization procedures for normal operations. This AD was prompted by a design change in the cabin altitude warning system that would address the identified unsafe condition. We are issuing this AD to prevent failure of the flightcrew to recognize and react properly to a valid cabin altitude warning horn, which could result in incapacitation of the flightcrew due to hypoxia (lack of oxygen in body), and consequent loss of control of the airplane.

DATES: This AD is effective March 14, 2011.

The Director of the Federal Register approved the incorporation by reference of certain publications listed in the AD as of March 14, 2011.

ADDRESSES: For service information identified in this AD, contact Boeing Commercial Airplanes, Attention: Data & Services Management, P.O. Box 3707, MC 2H–65, Seattle, Washington 98124–2207; telephone 206–544–5000, extension 1; fax 206–766–5680; e-mail me.boecom@boeing.com; 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, Washington. 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 AD, the regulatory evaluation, any comments received, and other information. The address for the Docket Office (phone: 800–677–5527) is Document Management Facility, U.S. Department of Transportation, Docket Operations, M–30, West Building Ground Floor, Room W12–140, 1200 New Jersey Avenue, SE., Washington, DC 20590.

FOR FURTHER INFORMATION CONTACT: Jeffrey W. Palmer, Aerospace Engineer, Systems and Equipment Branch, ANM–130S, FAA, Seattle Aircraft Certification Office, 1601 Lind Avenue, SW., Renton, Washington 98057–3356; phone: (425) 917–6472; fax: (425) 917–6590; e-mail: Jeffrey.W.Palmer@faa.gov.

SUPPLEMENTARY INFORMATION:
Discussion
We issued a notice of proposed rulemaking (NPRM) to amend 14 CFR part 39 to include an airworthiness directive (AD) that would apply to the specified products. That NPRM published in the Federal Register on August 11, 2010 (75 FR 48620). That NPRM proposed to require installing two warning level indicator lights on the P2–2 center instrument panel in the flight compartment for certain airplanes. For a certain other airplane, that NPRM proposed to require activating the cabin altitude warning and takeoff configuration warning lights. For all airplanes, that NPRM proposed to also require revising the airplane flight manual (AFM) to remove certain requirements included by previous AD actions, to require new pressure altitude limitations for certain airplanes, and to advise the flightcrew of the following changes: revised emergency procedures to use when a cabin altitude warning or rapid depressurization occurs, and revised cabin pressurization procedures for normal operations.

Comments
We gave the public the opportunity to participate in developing this AD. The following presents the comments received on the proposal and the FAA’s response to each comment.

Support for the NPRM
The Air Line Pilots Association, International supports the proposed AD.

Request to Delay Rule Pending Additional Service Information
Lufthansa requested that the FAA consider the release of Boeing Service Bulletin 737–21–1164 before releasing the AD. Lufthansa stated that Boeing has recommended that operators consider doing the modifications specified in Boeing Service Bulletin 737–21–1164 and Boeing Alert Service Bulletin 737–31A1325, dated January 11, 2010, at the same time, because both modifications require access to the same area of the airplane and extensive airplane downtime. However, Lufthansa pointed
out that Boeing Service Bulletin 737–21–1164 has not yet been published; therefore, releasing the AD before Boeing Service Bulletin 737–21–1164 is released would require operators to accomplish the modifications separately, doubling the time and cost of the modifications.

We do not agree to delay this AD pending release of an unrelated service bulletin. Accomplishment of Boeing Service Bulletin 737–21–1164 installs a second 10,000-foot cabin altitude pressure switch, which is not related to the unsafe condition identified by this AD. To delay this action until the manufacturer can release a planned service bulletin would be inappropriate, since we have determined that an unsafe condition exists and that the required actions must be accomplished to ensure continued safety. Once the planned service bulletin is developed, approved, and available, we might consider additional rulemaking. However, under the provisions of paragraph (i) of the final rule, we will consider requests for approval of an extension of the compliance time if sufficient data are submitted to substantiate that the change would provide an acceptable level of safety. We have not changed this AD in this regard.

**Request To Revise the Proposed Costs of Compliance**

Continental Airlines (Continental) stated that the estimated costs of compliance for doing the modification are significantly low for the following reasons:

- Boeing Alert Service Bulletin 737–31A1325, dated January 11, 2010, lists a kit that costs $2,738 and is required for each airplane.

From these statements, we infer that Continental is requesting that we revise the proposed estimated costs for accomplishing the modification specified in paragraph (g) of the proposed AD. We do not agree. In establishing the requirements of all ADs, we do consider cost impact to operators beyond the estimates of parts and labor costs contained in AD preambles. For example, where safety considerations allow, we attempt to set compliance times that generally coincide with operators’ maintenance schedules. However, because operators’ schedules vary substantially, we cannot accommodate every operator’s optimal scheduling in each AD. Each AD does allow individual operators to obtain approval for extensions of compliance times, based on a showing that the extension will not affect safety adversely. Therefore, we do not consider it appropriate to attribute to the AD the costs associated with the type of special scheduling that might otherwise be required.

Furthermore, we do not consider it appropriate to attribute the costs associated with aircraft “down time” to the AD. Normally, compliance with the AD will not necessitate any additional down time beyond that of a regularly scheduled maintenance hold. Even if additional down time is necessary for some airplanes in some cases, we do not have sufficient information to evaluate the number of airplanes that may be so affected or the amount of additional down time that may be required. Therefore, we are unable to estimate such costs.

Additionally, we point out that Boeing service bulletins generally include task hours necessary to do only the change for each airplane, excluding lost time. Boeing, in service bulletins, also specifically advises operators to adjust the task-hour estimates with operator task-hour data, if necessary. We have not changed the AD in this regard.

**Request To Extend Proposed Compliance Time**

Continental recommended that the proposed compliance time of 36 months for installing warning indicator lights should be extended to 60 months, which would fall during a heavy maintenance visit. Continental asserted that the FAA did not account for material costs, and pointed out that Boeing Service Bulletin 737–31A1325, dated January 11, 2010, lists a kit that costs $2,738 and is required for each airplane.

We do not agree with Continental’s request to extend the compliance time. We recognize that in some cases, it might be necessary for operators to accomplish the requirements of the AD outside of normal scheduled maintenance cycles. However, in developing an appropriate compliance time for this action, we considered the urged the associated with the subject unsafe condition, and the practical aspect of accomplishing the required modification within a period of time that corresponds to the normal scheduled maintenance for most affected operators. Based on the available data, we have determined that a compliance time of 36 months is the longest compliance time we can allow that would provide an adequate level of safety. However, under the provisions of paragraph (i) of the final rule, we will consider requests for approval of an extension of the compliance time if sufficient data are submitted to substantiate that the new compliance time would provide an acceptable level of safety. We have not changed the AD in this regard.

**Request To Add Baseline Maximum Takeoff/Landing Altitude for Model 737–100 and –200 Airplanes**

Boeing requested that we consider adding a baseline maximum takeoff and landing altitude of 8,300 feet for Model 737–100 and –200 airplanes. Boeing pointed out that the NPRM contains an 8,400-foot pressure altitude as a function of the baseline maximum takeoff and landing altitude for the Model 737–300, –400, and –500 airplanes. Therefore, Boeing contended that the new baseline maximum takeoff and landing altitude should be added for the Model 737–100 and –200 airplanes to avoid confusion.

We do not agree to add a baseline maximum takeoff and landing altitude of 8,300 feet for Model 737–100 and –200 airplanes. We have verified that there are no Model 737–100 or –200 airplanes with high-altitude deviations approved between 8,300 and 8,400 feet. Therefore, the statement in paragraph (ii)(1)(iii) of this AD accurately considers all Model 737 Classic airplanes as appropriate. We have not changed this AD in this regard.

**Request To Revise AFM Requirement Specified in Paragraph (ii)(2)(i) of the NPRM**

Boeing requested that we revise paragraph (ii)(2)(i) of the NPRM to correct the title of the procedure that is to be deleted. Boeing asserted that the procedure title specified in paragraph (ii)(2)(i) of the NPRM no longer exists, as
the title was changed according to FAA Alternative Method of Compliance (AMOC) Letter 1305–09–134a, dated April 28, 2009. We partially agree. We do not agree to delete reference to the procedure titled “WARNING HORN—CABIN ALTITUDE OR CONFIGURATION,” because all AFMs might not have been changed according to FAA AMOC Letter 1305–09–134a. Additionally, that procedure title is included in the existing requirements of AD 2006–13–13, and, therefore, it is necessary for this AD to refer to the procedure title specified in that AD. However, some AFMs have been revised according to FAA AMOC Letter 1305–09–134a; therefore, we agree to revise paragraph (i)(2)(i) of this AD to address airplanes with AFMs that have been revised according to FAA AMOC Letter 1305–09–134a.

Request To Revise AFM Terminology Specified in Paragraph (i)(2)(iv) of the NPRM

Boeing requested that we revise the AFM text proposed in paragraph (i)(2)(iv) of the NPRM to change “Descent” to “Rapid Descent.” Boeing requested this change to clarify the proposed AFM wording. We partially agree. We do agree to change “Descent” in the AFM text required by paragraph (i)(2)(iv) of this AD. We have determined that “Descent” is not the proper terminology to use in this AFM text. However, we do not agree to change “Descent” to “Rapid Descent,” because that term is also not accurate. We have determined that the correct terminology is “Emergency Descent.” Therefore, we have revised the AFM text required by paragraph (i)(2)(iv) of this AD to refer to “Emergency Descent.”

Request To Revise AFM Requirement Specified in Paragraph (i)(2)(iv) of the NPRM

Boeing requested that we revise paragraph (i)(2)(iv) of the NPRM to add certain steps in the AFM text. Boeing asserted that this change is necessary to standardize the cabin altitude warning procedure across all Boeing airplane models. We partially agree. We agree that the additional steps proposed by Boeing would be beneficial, add clarity and specificity, and contribute to standardization across Boeing airplane models. However, we do not agree that this AD should require these additional steps. Requiring these additional steps would alter the actions currently required by this AD, so additional rulemaking would be required. We have determined that the proposed AFM text is adequate, and that delaying this action would be inappropriate in light of the identified unsafe condition. However, because we agree that the additional steps would be beneficial, we have revised this AD to add a new paragraph (i)(2)(v) to include the additional steps as an option, so that operators may use the additional steps if they choose.

Estimated Costs

<table>
<thead>
<tr>
<th>Action</th>
<th>Labor cost</th>
<th>Parts cost</th>
<th>Cost per product</th>
<th>Cost on U.S. operators</th>
</tr>
</thead>
<tbody>
<tr>
<td>Installation of warning indicator lights</td>
<td>20 work-hours × $85 per hour = $1,700.</td>
<td>$2,738</td>
<td>$4,438</td>
<td>$3,288,558</td>
</tr>
<tr>
<td></td>
<td>1 work-hour × $85 per hour = $85 ..</td>
<td>0</td>
<td>85</td>
<td>85</td>
</tr>
<tr>
<td>Activation of the cabin altitude warning system/takeoff configuration warning lights (one airplane). AFM revision</td>
<td>1 work-hour × $85 per hour = $85 ..</td>
<td>0</td>
<td>85</td>
<td>62,985</td>
</tr>
</tbody>
</table>

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

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 DOT Regulatory Policies and Procedures (44 FR 11034, February 26, 1979),
(3) Will not affect intrastate aviation in Alaska, and
warning horn, which could result in incapacitation of the flightcrew due to hypoxia (lack of oxygen in body) and consequent loss of control of the airplane.

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.

Installation of Warning Indicator Lights
(g) For airplanes identified in Boeing Alert Service Bulletin 737–31A1325, dated January 11, 2010: Within 36 months after the effective date of this AD, install two warning level indicator lights on the F2–2 center instrument panel in the flight compartment, in accordance with the Accomplishment Instructions of Boeing Alert Service Bulletin 737–31A1325, dated January 11, 2010.

Activation of Warning Indicator Lights
(h) For airplanes identified in Boeing Alert Service Bulletin 737–31A1398, dated January 7, 2010: Within 36 months after the effective date of this AD, activate the cabin altitude warning and takeoff configuration warning lights, in accordance with the Accomplishment Instructions of Boeing Alert Service Bulletin 737–31A1398, dated January 7, 2010.

Airplane Flight Manual (AFM) Revisions
(i) Before further flight after doing the installation or activation of the warning lights required by paragraph (g) or (h) of this AD, do the actions specified in paragraphs (i)(1), (i)(2), and (i)(3) of this AD.

(1) Revise the Limitations Section of the applicable Boeing 737 AFM by doing the actions specified in paragraphs (i)(1)(i) and (i)(1)(ii) of this AD.

(2) Revise the Normal Procedures Section of the applicable Boeing 737 AFM by doing the actions specified in paragraphs (i)(2)(i), (i)(2)(ii), (i)(2)(iii), and (i)(2)(iv) of this AD.

(3) Revise the Limitations Section of the applicable Boeing 737 AFM by doing the actions specified in paragraphs (j)(1)(ii)(v) and (j)(3)(ii) of this AD.

(4) Accomplishment of the requirements of this AD terminates the specified requirements of the ADs identified in paragraphs (j)(1), (j)(2), and (j)(3) of this AD, for only the airplanes identified in paragraphs (c)(1) and (c)(2) of this AD.

(j) Accomplishment of this AD and/or paragraphs (j)(1), (j)(2), and (j)(3) of this AD is required by AD 2006–13–13.

(ii) Delete the procedure entitled “CABIN ALTITUDE WARNING OR RAPID DEPRESSURIZATION” added by AD 2003–03–15 R1 and modified by paragraph (g) of AD 2006–13–13.

(iii) If the procedure entitled “CABIN ALTITUDE WARNING OR RAPID DEPRESSURIZATION” is currently contained in the applicable Boeing 737 AFM, delete the procedure entitled “CABIN ALTITUDE WARNING OR RAPID DEPRESSURIZATION” added by AD 2003–03–15 R1.

(iv) Add the following statement. This may be done by inserting a copy of this AD into the applicable AFM.

“CABIN ALTITUDE WARNING OR RAPID DEPRESSURIZATION (required by AD 2011–03–14) Condition: The CABIN ALTITUDE warning light illuminates or the intermittent warning horn sounds in flight above 10,000 ft MSL. RECALL Oxygen Masks and Regulators ON, 100% Crew Communications ESTABLISH Reference Pressurization Mode Selector MANUAL Outflow Valve Switch CLOSE If Cabin Altitude is uncontrollable: Emergency Descent (If Required) INITIATE Passenger Oxygen Switch ON”

“Thrust Levers CLOSER Speed Brakes FLIGHT DETENT Target Speed VMO/MMO”

(v) The following steps may be added to the AFM procedure specified by paragraph (i)(2)(iv) of this AD. These steps should be added following “Passenger Oxygen Switch On”.

“(ii) Add the following statement. This may be done by inserting a copy of this AD into the applicable AFM.

“For normal operations, the pressurization mode selector should be in AUTO prior to takeoff. (Required by AD 2011–03–14)”

Note 1: When statements identical to those specified in paragraphs (i)(2)(ii)(v) and (i)(3)(ii) of this AD have been included in the general revisions of the AFM, the general revisions may be inserted into the AFM, and the copies of this AD may be removed from the AFM.

Terminating Action for Affected ADs
(j) Accomplishment of the requirements of this AD terminates the specified requirements of the ADs identified in paragraphs (j)(1), (j)(2), and (j)(3) of this AD, for only the airplanes identified in paragraphs (c)(1) and (c)(2) of this AD.

(1) AD 2006–23–07: All requirements of that AD.

(2) AD 2006–13–13: All requirements of that AD.

(3) AD 2003–03–15 R1: The requirements specified in paragraph (a), Table 2, and Figures 2 and 3 of that AD.
Special Flight Permit
(k) Special flight permits, as described in Section 21.197 and Section 21.199 of the Federal Aviation Regulations (14 CFR 21.197 and 21.199), are not allowed.

Alternative Methods of Compliance (AMOCs)
(1)(l) The Manager, Seattle Aircraft Certification Office (ACO), 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: Jeffrey W. Palmer, Aerospace Engineer, Systems and Equipment Branch, ANM–130S, FAA, Seattle Aircraft Certification Office, 1601 Lind Avenue, SW., Renton, Washington 98057–3356; telephone (425) 917–6472; fax (425) 917–6590. Information may be e-mailed to: 9-ANM-Seattle-ACO-AMOC-Requests@faa.gov.
(2) To request a different method of compliance or a different compliance time for this AD, follow the procedures in 14 CFR 39.19. Before using any approved AMOC, notify your returns principal inspector, or lacking a principal inspector, the manager of the local flight standards district office/ certificate holding district office. The AMOC approval letter must specifically reference this AD.

Related Information
(m) For more information about this AD, contact Jeffrey W. Palmer, Aerospace Engineer, Systems and Equipment Branch, ANM–130S, FAA, Seattle Aircraft Certification Office, 1601 Lind Avenue, SW., Renton, Washington 98057–3356; phone: (425) 917–6472; fax: (425) 917–6590; e-mail: Jeffrey.W.Palmer@faa.gov.

Material Incorporated by Reference
(n) You must use Boeing Alert Service Bulletin 737–31A1398, dated January 7, 2010; as applicable; to do the actions required by this AD, unless the AD specifies otherwise.
(1) The Director of the Federal Register approved the incorporation by reference of the service information under 5 U.S.C. 552(a) and 1 CFR part 51.
(2) For service information identified in this AD, contact Boeing Commercial Airplanes, Attention: Data & Services Support/pubs. P.O. Box 3707, MC 2H–65, 206–544–5000, extension 1; fax 206–766–9805; telephone (425) 917–6472; e-mail: tmdc@hawkerbeechcraft.com; Internet https://www.myboeingflight.com.
(3) You may review copies of the service information at the FAA, Transport Airplane Directorate, 1601 Lind Avenue, SW., Renton, Washington. For information on the availability of this material at the FAA, call 425–227–1221.
(4) You may also review copies of the service information that is incorporated by reference at the National Archives and Records Administration (NARA). For information on the availability of this material at an NARA facility, call 202–741–6030, or go to http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html.

Issued in Renton, Washington, on January 25, 2011.
Ali Bahrami,
Manager, Transport Airplane Directorate, Aircraft Certification Service.

[FR Doc. 2011–2435 Filed 2–4–11; 8:45 am]
BILLING CODE 4910–13–P

DEPARTMENT OF TRANSPORTATION
Federal Aviation Administration

14 CFR Part 39


RIN 2120–AA64

Airworthiness Directives; Hawker Beechcraft Corporation (Type Certificate Previously Held by Raytheon Aircraft Company; Beech Aircraft Corporation) Model 400A and 400T Airplanes

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final rule.

SUMMARY: We are adopting a new airworthiness directive (AD) for the products listed above. This AD requires a detailed inspection for proper sealant of the left and right pylon firewall structures, and corrective actions if necessary. This AD results from reports of missing sealant on the left and right pylon firewall structures. We are issuing this AD to detect and correct missing sealant on the left and right pylon firewall structures, which, in the event of an engine fire, could result in flames penetrating the firewall between the engine and the aft fuselage, and a subsequent uncontrolled fire in the aft fuselage.

DATES: This AD is effective March 14, 2011.

The Director of the Federal Register approved the incorporation by reference of a certain publication listed in the AD as of March 14, 2011.

ADDRESSES: For service information identified in this AD, contact Hawker Beechcraft Corporation, Department 62, P.O. Box 85, Wichita, Kansas 67201–0085; telephone 316–676–8238; fax 316–676–6706; e-mail tmdc@hawkerbeechcraft.com; Internet https://www.hawkerbeechcraft.com/service_support/pubs. You may review copies of the referenced service information at the FAA, Transport Airplane Directorate, 1601 Lind Avenue, SW., Renton, Washington. For information on the availability of this material at the FAA, call 425–227–1221.

Examing 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 address for the Docket Office (phone: 800–647–5527) is Department Management Facility, U.S. Department of Transportation, Docket Operations, M–30, West Building, Ground Floor, Room W12–140, 1200 New Jersey Avenue, SE., Washington, DC 20590.

FOR FURTHER INFORMATION CONTACT:
Thomas Teplik, Aerospace Engineer, Systems and Propulsion Branch, ACE–116W, FAA, Wichita Aircraft Certification Office (ACO), 1801 Airport Road, Room 100, Mid-Continent Airport, Wichita, Kansas 67209; phone: (316) 946–4196; fax: (316) 946–4107; e-mail: Thomas.Teplik@faa.gov.

SUPPLEMENTARY INFORMATION:

Discussion
We issued a notice of proposed rulemaking (NPRM) to amend 14 CFR part 39 to include an airworthiness directive (AD) that would apply to the specified products. That NPRM was published in the Federal Register on October 1, 2010 (75 FR 60669). That NPRM proposed to require a detailed inspection for proper sealant of the left and right pylon firewall structures, and corrective actions if necessary.

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.

Conclusion
We reviewed the relevant data and determined that air safety and the public interest require adopting the AD as proposed—except for minor editorial changes. We have determined that these minor changes:
• Are consistent with the intent that was proposed in the NPRM for correcting the unsafe condition; and
• Do not add any additional burden upon the public than was already proposed in the NPRM.

Costs of Compliance
We estimate that this AD affects 165 airplanes of U.S. registry.
We estimate the following costs to comply with this AD: