buildings and facilities, Housing, Incorporation by reference.

Issued in Washington, DC, on June 28, 2013.

David T. Danielson,
Assistant Secretary, Energy Efficiency and Renewable Energy.

For the reasons set forth in the preamble, the Department of Energy amends chapter II of title 10 of the Code of Federal Regulations as set forth below:

PART 433—ENERGY EFFICIENCY STANDARDS FOR NEW FEDERAL COMMERCIAL AND MULTI–FAMILY HIGH–RISE RESIDENTIAL BUILDINGS

1. The authority citation for part 433 continues to read as follows:


2. Amend § 433.2 by adding in alphabetical order the definition of “ASHRAE Baseline Building 2010” to read as follows:

ASHRAE Baseline Building 2010 means a building that is otherwise identical to the proposed building but is designed to meet, but not exceed, the energy efficiency specifications in ANSI/ASHRAE/IESNA Standard 90.1–2010, Energy Standard for Buildings Except Low-Rise Residential Buildings, 2010 (incorporated by reference, see §433.3).

3. Amend §433.3 by adding paragraph (b)(3) to read as follows:

§433.3 Materials incorporated by reference.

(b) * * * *


4. Section 433.4 is amended by revising paragraph (a)(2) introductory text and adding paragraph (a)(3) to read as follows:

§433.4 Energy efficiency performance standard.

(a) * * *

(2) All Federal agencies shall design new Federal buildings that are commercial and multi-family high-rise residential buildings, for which design for construction began on or after August 10, 2012, but before July 9, 2014, to:

* * * * *

(3) All Federal agencies shall design new Federal buildings that are commercial and multi-family high-rise residential buildings, for which design for construction began on or after July 9, 2014, to:

* * * * *

(2) For Federal buildings for which design for construction began on or after August 10, 2012, but before July 9, 2014, each Federal agency shall determine energy consumption levels for both the ASHRAE Baseline Building 2007 and proposed building by using the Performance Rating Method found in Appendix G of ASHRAE 90.1–2007 (incorporated by reference, see §433.3), except the formula for calculating the Performance Rating in paragraph G1.2 shall read as follows:

Percentage improvement = 100 ×

((Baseline building consumption – Receptacle and process loads) – (Proposed building consumption – Receptacle and process loads))/(Baseline building consumption – Receptacle and process loads) (which simplifies as follows):

Percentage improvement = 100 ×

((Baseline building consumption – Proposed building consumption) / (Baseline building consumption – Receptacle and process loads))

(2) All Federal agencies shall design new Federal buildings that are commercial and multi-family high-rise residential buildings, for which design for construction began on or after August 10, 2012, but before July 9, 2014, to:

* * * * *

(3) All Federal agencies shall design new Federal buildings that are commercial and multi-family high-rise residential buildings, for which design for construction began on or after July 9, 2014, to:

* * * * *

5. Section 433.5 is amended by revising paragraph (a)(2) and adding paragraph (a)(3) to read as follows:

§433.5 Performance level determination.

(a) * * *

(2) For Federal buildings for which design for construction began on or after August 10, 2012, but before July 9, 2014, each Federal agency shall determine energy consumption levels, calculated consistent with paragraph (b) of this section, that are at least 30 percent below the levels of the ASHRAE Baseline Building 2010.

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(3) All Federal agencies shall design new Federal buildings that are commercial and multi-family high-rise residential buildings, for which design for construction began on or after July 9, 2014, to:

* * * * *

(3) All Federal agencies shall design new Federal buildings that are commercial and multi-family high-rise residential buildings, for which design for construction began on or after July 9, 2014, to:

* * * * *

(2) For Federal buildings for which design for construction began on or after August 10, 2012, but before July 9, 2014, each Federal agency shall determine energy consumption levels for both the ASHRAE Baseline Building 2007 and proposed building by using the Performance Rating Method found in Appendix G of ASHRAE 90.1–2007 (incorporated by reference, see §433.3), except the formula for calculating the Performance Rating in paragraph G1.2 shall read as follows:

Percentage improvement = 100 ×

((Baseline building consumption – Receptacle and process loads) – (Proposed building consumption – Receptacle and process loads))/(Baseline building consumption – Receptacle and process loads) (which simplifies as follows):

Percentage improvement = 100 ×

((Baseline building consumption – Proposed building consumption) / (Baseline building consumption – Receptacle and process loads))

(2) For Federal buildings for which design for construction began on or after August 10, 2012, but before July 9, 2014, each Federal agency shall determine energy consumption levels for both the ASHRAE Baseline Building 2007 and proposed building by using the Performance Rating Method found in Appendix G of ASHRAE 90.1–2007 (incorporated by reference, see §433.3), except the formula for calculating the Performance Rating in paragraph G1.2 shall read as follows:

Percentage improvement = 100 ×

((Baseline building consumption – Receptacle and process loads) – (Proposed building consumption – Receptacle and process loads))/(Baseline building consumption – Receptacle and process loads) (which simplifies as follows):

Percentage improvement = 100 ×

((Baseline building consumption – Proposed building consumption) / (Baseline building consumption – Receptacle and process loads))

(3) For Federal buildings for which design for construction began on or after July 9, 2014, each Federal agency shall determine energy consumption levels for both the ASHRAE Baseline Building 2010 and proposed building by using the Performance Rating Method found in Appendix G of ASHRAE 90.1–2010 (incorporated by reference, see §433.3), except the formula for calculating the Performance Rating in paragraph G1.2 shall read as follows:

Percentage improvement = 100 ×

((Baseline building consumption – Receptacle and process loads) – (Proposed building consumption – Receptacle and process loads))/(Baseline building consumption – Receptacle and process loads) (which simplifies as follows):

Percentage improvement = 100 ×

((Baseline building consumption – Proposed building consumption) / (Baseline building consumption – Receptacle and process loads))

(3) All Federal agencies shall design new Federal buildings that are commercial and multi-family high-rise residential buildings, for which design for construction began on or after July 9, 2014, to:

* * * * *

(3) All Federal agencies shall design new Federal buildings that are commercial and multi-family high-rise residential buildings, for which design for construction began on or after July 9, 2014, to:

* * * * *

(2) All Federal agencies shall design new Federal buildings that are commercial and multi-family high-rise residential buildings, for which design for construction began on or after August 10, 2012, but before July 9, 2014, to:

* * * * *

(3) All Federal agencies shall design new Federal buildings that are commercial and multi-family high-rise residential buildings, for which design for construction began on or after July 9, 2014, to:

* * * * *

(2) All Federal agencies shall design new Federal buildings that are commercial and multi-family high-rise residential buildings, for which design for construction began on or after August 10, 2012, but before July 9, 2014, to:

* * * * *

(3) All Federal agencies shall design new Federal buildings that are commercial and multi-family high-rise residential buildings, for which design for construction began on or after July 9, 2014, to:

* * * * *

(2) All Federal agencies shall design new Federal buildings that are commercial and multi-family high-rise residential buildings, for which design for construction began on or after August 10, 2012, but before July 9, 2014, to:
DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39


RIN 2120–AA64

Airworthiness Directives; Various Restricted Category Helicopters

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final rule; request for comments.

SUMMARY: We are adopting a new airworthiness directive (AD) for various restricted category Model HH–1K, TH–1F, TH–1L, UH–1A, UH–1B, UH–1E, UH–1F, UH–1H, UH–1L, and UH–1P helicopters with certain main rotor hub inboard strap fittings (fittings) installed. This AD requires a magnetic particle inspection (MPI) of the fittings for a crack, and if there is a crack, replacing the fitting with an airworthy fitting. This AD is prompted by reports of cracked fittings on Bell model helicopters and the determination that these same part-numbered fittings may be installed on various restricted category helicopters. These actions are intended to detect a crack in a fitting, which may lead to failure of a fitting, loss of a main rotor blade, and subsequent loss of helicopter control.

DATES: This AD becomes effective July 24, 2013.

We must receive comments on this AD by September 9, 2013.

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

• Federal eRulemaking Docket: Go to http://www.regulations.gov. Follow the online instructions for sending your comments electronically.
• Fax: 202–493–2251.
• Mail: Send comments to the U.S. Department of Transportation, Docket Operations, M–30, West Building Ground Floor, Room W12–140, 1200 New Jersey Avenue SE., Washington, DC 20590–0001.
• Hand Delivery: Deliver to the “Mail” address 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 Thursday, except Federal holidays. The AD docket contains this AD, the economic evaluation, any comments received, and other information. The street address for the Docket Operations Office (telephone 800–477–6943) is in the ADDRESSES section. Comments will be available in the AD docket shortly after receipt.

For service information identified in this AD, contact Bell Helicopter Textron, Inc., P.O. Box 482, Fort Worth, TX 76101, telephone (817) 280–3391, fax (817) 280–6466, or at www.bellcustomer.com. You may review the referenced service information at the FAA, Office of the Regional Counsel, Southwest Region, 2601 Meacham Blvd., Room 663, Fort Worth, Texas 76137.

FOR FURTHER INFORMATION CONTACT:

Michael Kohner, Aerospace Engineer, FAA, Rotorcraft Directorate, Rotorcraft Certification Office, 2601 Meacham Blvd., Fort Worth, Texas, 76137, phone: (817) 222–5170; fax: (817) 222–5783; email: 7–AVS–ASW–170@faa.gov.

SUPPLEMENTARY INFORMATION:

Comments Invited

This AD is a final rule that involves requirements affecting flight safety, and we did not provide you with notice and an opportunity to provide your comments prior to it becoming effective. However, we invite you to participate in this rulemaking by submitting written comments, data, or views. We also invite comments relating to the economic, environmental, energy, or federalism impacts that resulted from adopting this AD. The most helpful comments reference a specific portion of the AD, explain the reason for any recommended change, and include supporting data. To ensure the docket does not contain duplicate comments, commenters should send only one copy of written comments, or if comments are filed electronically, commenters should submit them only one time. We will file in the docket all comments that we receive, as well as a report summarizing each substantive public contact with FAA personnel concerning this rulemaking during the comment period. We will consider all the comments we receive and may conduct additional rulemaking based on those comments.

Discussion

On January 28, 2013, we issued AD 2013–03–16, Amendment 39–17339 (78 FR 9793, February 12, 2013), for Bell Model 204B, 205A, 205A–1, 205B, 210, and 212 helicopters with certain part-numbered fittings installed. AD 2013–03–16 requires a one-time MPI of the fittings for a crack, replacing the fittings with airworthy fittings if there is a crack, and re-identifying the fitting by adding “FM” to the end of its part-number (P/N) if there is no crack. The AD was prompted by reports of cracks in the fittings. The cracking was determined to have been caused by the manufacturer’s failure to follow approved manufacturing processes and controls during the quenching operation from the heat treating of the fittings.

After AD 2013–03–16 was issued, we determined that the same part-numbered Bell fittings may be installed on various restricted category Model HH–1K, TH–1F, TH–1L, UH–1A, UH–1B, UH–1E, UH–1F, UH–1H, UH–1L, and UH–1P helicopters and are susceptible to the same type of cracking. Therefore, we are mandating the inspection requirements for the applicable restricted category helicopters. While Bell is the manufacturer of these helicopters, the type certificates are held by other entities. The type certificate holders for the Model HH–1K, TH–1F, TH–1L, UH–1A, UH–1B, UH–1E, UH–1F, UH–1H, UH–1L, and UH–1P helicopters are: Arrow Falcon Exporters Inc.; AST, Inc.; Bell Helicopter Textron, Inc.; Global Helicopter Technology, Inc.; Haglund Helicopters, LLC; Jjaspp Engineering Services, LLC; Northwest Rotorcraft, LLC; Overseas Aircraft Support, Inc.; Richards Heavylift Helo, Inc.; Robinson Air Crane, Inc.; Rotorcraft Development Corporation; San Joaquin Helicopters; Southern Helicopter, Inc.; and Tamarack Helicopters, Inc. Southwest Florida Aviation International, Inc. is the type certificate holder for the UH–1B (SW204 and SW204HP) and UH–1H (SW205) helicopters.

The actions specified in this AD are intended to detect a crack in a fitting, leading to a failure of the fitting, loss of a main rotor blade, and subsequent loss of helicopter control.

FAA’s Determination

We are issuing 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 these same type designs.

Related Service Information

We have reviewed Bell Alert Service Bulletin (ASB) No. UH–1H–11–07 for Model UH–1H helicopters, dated May 31, 2011. The procedures provided in