

FAA is issuing this AD to address spurious degradation or unavailability of the full AFCS. The unsafe condition, if not addressed, could result in temporary impairment of the automated flight aid for control of the helicopter and increase the flightcrew's workload.

#### (f) Compliance

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

#### (g) Requirements

Except as specified in paragraph (h) of this AD: Comply with all required actions and compliance times specified in, and in accordance with, European Aviation Safety Agency (now European Union Aviation Safety Agency) (EASA) AD 2018-0002, dated January 4, 2018 (EASA AD 2018-0002).

#### (h) Exceptions to EASA AD 2018-0002

(1) Where EASA AD 2018-0002 refers to flight hours (FH), this AD requires using hours time-in-service.

(2) Where EASA AD 2018-0002 refers to its effective date, this AD requires using the effective date of this AD.

(3) The "Remarks" section of EASA AD 2018-0002 does not apply to this AD.

(4) Where the service information referenced in EASA AD 2018-0002 specifies to download an option file from a certain website, that method of installation is not required by this AD.

#### (i) No Reporting Requirement

Although the service information referenced in EASA AD 2018-0002 specifies to submit certain information to the manufacturer, this AD does not include that requirement.

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

(1) The Manager, International Validation Branch, FAA, has the authority to approve AMOCs for this AD, if requested using the procedures found in 14 CFR 39.19. In accordance with 14 CFR 39.19, send your request to your principal inspector or local Flight Standards District Office, as appropriate. If sending information directly to the manager of the International Validation Branch, send it to the attention of the person identified in paragraph (k)(2) of this AD. Information may be emailed to: [9-AVS-AIR-730-AMOC@faa.gov](mailto:9-AVS-AIR-730-AMOC@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.

#### (k) Related Information

(1) For EASA AD 2018-0002, contact EASA, Konrad-Adenauer-Ufer 3, 50668 Cologne, Germany; telephone +49 221 8999 000; email [ADs@easa.europa.eu](mailto:ADs@easa.europa.eu); internet [www.easa.europa.eu](http://www.easa.europa.eu). You may view this material at the FAA, Office of the Regional Counsel, Southwest Region, 10101 Hillwood Pkwy., Room 6N-321, Fort Worth, TX 76177. For information on the availability of this material at the FAA, call (817) 222-5110. This material may be found in the AD docket

at <https://www.regulations.gov> by searching for and locating Docket No. FAA-2021-0505.

(2) For more information about this AD, contact Hal Jensen, Aerospace Engineer, Operational Safety Branch, Compliance & Airworthiness Division, FAA, 950 L'Enfant Plaza N SW, Washington, DC 20024; telephone (202) 267-9167; email [hal.jensen@faa.gov](mailto:hal.jensen@faa.gov).

Issued on June 15, 2021.

#### Lance T. Gant,

Director, Compliance & Airworthiness Division, Aircraft Certification Service.

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## DEPARTMENT OF TRANSPORTATION

### Federal Aviation Administration

#### 14 CFR Part 39

[Docket No. FAA-2021-0497; Project Identifier 2019-SW-043-AD]

RIN 2120-AA64

#### Airworthiness Directives; Bell Textron Canada Limited Helicopters

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Notice of proposed rulemaking (NPRM).

**SUMMARY:** The FAA proposes to adopt a new airworthiness directive (AD) for certain Bell Textron Canada Limited Model 429 helicopters. This proposed AD was prompted by three reports of unexpected forces or uncommanded inputs to the directional (yaw) control system. This proposed AD would require revising the existing Rotorcraft Flight Manual (RFM) for your helicopter. The FAA is proposing this AD to address the unsafe condition on these products.

**DATES:** The FAA must receive comments on this proposed AD by August 23, 2021.

**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 <https://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 between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays.

For service information identified in this NPRM, contact Bell Textron Canada

Limited, 12,800 Rue de l'Avenir, Mirabel, Quebec J7J1R4, Canada; telephone (450) 437-2862 or (800) 363-8023; fax (450) 433-0272; or at <https://www.bellcustomer.com>. You may view this service information at the FAA, Office of the Regional Counsel, Southwest Region, 10101 Hillwood Pkwy., Room 6N-321, Fort Worth, TX 76177. For information on the availability of this material at the FAA, call (817) 222-5110.

#### Examining the AD Docket

You may examine the AD docket at <https://www.regulations.gov> by searching for and locating Docket No. FAA-2021-0497; or in person at Docket Operations between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays. The AD docket contains this NPRM, the Transport Canada AD, any comments received, and other information. The street address for Docket Operations is listed above.

#### FOR FURTHER INFORMATION CONTACT:

Mitch Soth, Flight Test Engineer, Southwest Section, Flight Test Branch, Compliance & Airworthiness Division, FAA, 10101 Hillwood Pkwy., Fort Worth, TX 76177; telephone (817) 222-5110; email [mitch.soth@faa.gov](mailto:mitch.soth@faa.gov).

#### SUPPLEMENTARY INFORMATION:

#### Comments Invited

The FAA invites you to send any written relevant data, views, or arguments about this proposal. Send your comments to an address listed under **ADDRESSES**. Include "Docket No. FAA-2021-0497; Project Identifier 2019-SW-043-AD" at the beginning of your comments. The most helpful comments reference a specific portion of the proposal, explain the reason for any recommended change, and include supporting data. The FAA will consider all comments received by the closing date and may amend this proposal because of those comments.

Except for Confidential Business Information (CBI) as described in the following paragraph, and other information as described in 14 CFR 11.35, the FAA will post all comments received, without change, to <https://www.regulations.gov>, including any personal information you provide. The agency will also post a report summarizing each substantive verbal contact received about this NPRM.

#### Confidential Business Information

CBI is commercial or financial information that is both customarily and actually treated as private by its owner. Under the Freedom of Information Act (FOIA) (5 U.S.C. 552), CBI is exempt from public disclosure. If your

comments responsive to this NPRM contain commercial or financial information that is customarily treated as private, that you actually treat as private, and that is relevant or responsive to this NPRM, it is important that you clearly designate the submitted comments as CBI. Please mark each page of your submission containing CBI as "PROPIN." The FAA will treat such marked submissions as confidential under the FOIA, and they will not be placed in the public docket of this NPRM. Submissions containing CBI should be sent to Mitch Soth, Flight Test Engineer, Southwest Section, Flight Test Branch, Compliance & Airworthiness Division, FAA, 10101 Hillwood Pkwy., Fort Worth, TX 76177; telephone (817) 222-5110; email [mitch.soth@faa.gov](mailto:mitch.soth@faa.gov). Any commentary that the FAA receives which is not specifically designated as CBI will be placed in the public docket for this rulemaking.

### Background

Transport Canada, which is the aviation authority for Canada, has issued Transport Canada Emergency AD CF-2019-16, dated May 6, 2019 (Transport Canada AD CF-2019-16), to correct an unsafe condition for Bell Helicopter Textron Canada Limited (now Bell Textron Canada Limited) Model 429 helicopters, serial numbers 57001 and subsequent. Transport Canada advises of three reports of unexpected forces or uncommanded inputs to the directional (yaw) control system during ground operations. Investigation revealed that a yaw trim runaway can occur while the automatic pedal trim function is operating. This condition, if not addressed, could result in loss of control of the helicopter. Accordingly, Transport Canada AD CF-2019-16 requires revising Bell RFM BHT-429-FM-1 by incorporating revision 14, dated April 18, 2019.

### FAA's Determination

These helicopters have been approved by the aviation authority of Canada and are approved for operation in the United States. Pursuant to the FAA's bilateral agreement with Canada, Transport Canada, its technical representative, has notified the FAA of the unsafe condition described in its AD. The FAA is proposing this AD after evaluating all known relevant information and determining that the unsafe condition described previously is likely to exist or develop on other helicopters of the same type design.

### Related Service Information

The FAA reviewed Section 2—Normal Procedures, Section 3—Emergency and Malfunction Procedures, and Section 4—Performance, of Bell RFM BHT-429-FM-1, Revision 14, dated April 18, 2019. This revision of the service information adds a procedure to reduce the risk of trim runaway during start sequence, cautions to reduce the risk of uncommanded control movement during engine start and takeoff and resetting force trim detent instructions during engine start and takeoff, and an emergency procedure to assist flight crew to recognize trim runaway and response instructions.

### Proposed AD Requirements in This NPRM

This proposed AD would require revising the existing RFM for your helicopter by adding procedures in Section 2, Normal Procedures, under 2-4. INTERIOR AND PRESTART CHECK, 2-5. ENGINE START, and 2-8. TAKEOFF; Section 3, Emergency and Malfunction Procedures, under 3-9. AUTOMATIC FLIGHT CONTROL SYSTEM; and Section 4, Performance, under 4-2. POWER ASSURANCE CHECK.

### Costs of Compliance

The FAA estimates that this AD, if adopted as proposed, would affect 120 helicopters of U.S. Registry. Labor rates are estimated at \$85 per work-hour. Based on these numbers, the FAA estimates the following costs to comply with this proposed AD.

Revising the existing RFM for your helicopter would take about 0.50 work-hour for an estimated cost of \$43 per helicopter and \$5,160 for the U.S. fleet.

### 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.

The FAA is 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

The FAA 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, I certify this proposed regulation:

- (1) Is not a "significant regulatory action" under Executive Order 12866,
- (2) Would not affect intrastate aviation in Alaska, and
- (3) Would 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:

**Bell Textron Canada Limited:** Docket No. FAA-2021-0497; Project Identifier 2019-SW-043-AD.

#### (a) Comments Due Date

The FAA must receive comments on this airworthiness directive (AD) by August 23, 2021.

#### (b) Affected ADs

None.

#### (c) Applicability

This AD applies to Bell Textron Canada Limited Model 429 helicopters, certificated in any category, serial numbers 57001 and subsequent.

#### (d) Subject

Joint Aircraft Service Component (JASC) Code: 6720, Tail Rotor Control System.

**(e) Unsafe Condition**

This AD was prompted by three reports of unexpected forces or uncommanded inputs to the directional (yaw) control system. The FAA is issuing this AD to prevent yaw trim runaway. The unsafe condition, if not addressed, could result in loss of control of the helicopter.

**(f) Compliance**

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

**(g) Required Actions**

(1) Within 30 days after the effective date of this AD, revise the existing Rotorcraft Flight Manual for your helicopter as follows:

(i) In Section 2, Normal Procedures, under 2-4. INTERIOR AND PRESTART CHECK, add the following as item 25: "25. Depress the cyclic force TRIM REL button and collective FORCE REL button (4-axis only) to center actuators and extinguish any active out of detent indications."

(ii) In Section 2, Normal Procedures, under 2-5. ENGINE START and under 2-8. TAKEOFF, add the following above item 1: "CAUTION: WHEN MANIPULATING

FLIGHT CONTROLS WITH FORCE TRIM SELECTED ON, DO NOT RELEASE AFFECTED FLIGHT CONTROL UNTIL THE OUT OF DETENT INDICATION EXTINGUISHES. THE FLIGHT CONTROLS MAY BE RESET BY DEPRESSING THE CYCLIC FORCE TRIM REL BUTTON AND COLLECTIVE FORCE REL BUTTON (4-AXIS ONLY) UNTIL THE OUT OF DETENT INDICATION EXTINGUISHES."

(iii) In Section 3, Emergency and Malfunction Procedures, under 3-9. AUTOMATIC FLIGHT CONTROL SYSTEM, add the information in Figure 1 to paragraph (g)(1)(iii) of this AD as item 3-9-D:

**3-9-D. TRIM RUNAWAY****• INDICATIONS:**

Flight controls — Uncommanded movement.

Flight control forces — High in axis of uncommanded movement, normal in other axes.

Out of detent indication for affected axis

**• PROCEDURE:**

1. Cyclic force TRIM REL and/or collective FORCE REL button (4-axis only) — Depress until the out of detent indication extinguishes.
2. Flight controls — Do not release flight control if out of detent indication is present.
3. Force TRIM switch — OFF; check TRM OFF illuminates on PFD.
4. If IMC, land as soon as practical. If VMC, continue flight in SCAS.

Figure 1 to paragraph (g)(1)(iii)

(iv) In Section 4, Performance, under 4-2. POWER ASSURANCE CHECK, add the following above the instructions for performing a power assurance check: "CAUTION: WHEN MANIPULATING FLIGHT CONTROLS WITH FORCE TRIM SELECTED ON, DO NOT RELEASE AFFECTED FLIGHT CONTROL UNTIL THE OUT OF DETENT INDICATION EXTINGUISHES. THE FLIGHT CONTROLS MAY BE RESET BY DEPRESSING THE CYCLIC FORCE TRIM REL BUTTON AND COLLECTIVE FORCE REL BUTTON (4-AXIS ONLY) UNTIL THE OUT OF DETENT INDICATION EXTINGUISHES."

(2) Using a document with information identical to the information in paragraph (g)(1) of this AD is acceptable for compliance

with the actions required by paragraph (g)(1) of this AD.

(3) The actions required by paragraphs (g)(1) and (2) of this AD may be performed by the owner/operator (pilot) holding at least a private pilot certificate and must be entered into the aircraft records showing compliance with this AD in accordance with § 43.9(a)(1) through (4) and § 91.417(a)(2)(v). The record must be maintained as required by § 91.417, § 121.380, or § 135.439.

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

(1) The Manager, International Validation Branch, FAA, has the authority to approve AMOCs for this AD, if requested using the procedures found in 14 CFR 39.19. In

accordance with 14 CFR 39.19, send your request to your principal inspector or local Flight Standards District Office, as appropriate. If sending information directly to the manager of the International Validation Branch, send it to the attention of the person identified in paragraph (i)(1) of this AD. Information may be emailed to: *9-AVS-AIR-730-AMOC@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.

**(i) Related Information**

(1) For more information about this AD, contact Mitch Soth, Flight Test Engineer,

Southwest Section, Flight Test Branch, Compliance & Airworthiness Division, FAA, 10101 Hillwood Pkwy., Fort Worth, TX 76177; telephone (817) 222-5110; email [mitch.soth@faa.gov](mailto:mitch.soth@faa.gov).

(2) The subject of this AD is addressed in Transport Canada Emergency AD CF-2019-16, dated May 6, 2019. You may view the Transport Canada AD on the internet at <https://www.regulations.gov> in Docket No. FAA-2021-0497.

Issued on June 10, 2021.

**Ross Landes,**

*Deputy Director for Regulatory Operations, Compliance & Airworthiness Division, Aircraft Certification Service.*

[FR Doc. 2021-14400 Filed 7-6-21; 8:45 am]

**BILLING CODE 4910-13-P**

**DEPARTMENT OF TRANSPORTATION**

**Federal Aviation Administration**

**14 CFR Part 39**

[Docket No. FAA-2021-500; Project Identifier 2017-SW-069-AD]

**RIN 2120-AA64**

**Airworthiness Directives; Airbus Helicopters**

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

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

**SUMMARY:** The FAA proposes to adopt a new airworthiness directive (AD) for all Airbus Helicopters Model EC130B4 and EC130T2 helicopters. This proposed AD was prompted by a report of a jammed pilot collective pitch lever (collective). This proposed AD would require inspecting the collective for proper engagement of the locking pin. The FAA is proposing this AD to address the unsafe condition on these products.

**DATES:** The FAA must receive comments on this proposed AD by August 23, 2021.

**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 <https://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 between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays.

For service information identified in this NPRM, contact Airbus Helicopters, 2701 North Forum Drive, Grand Prairie, TX 75052; telephone (972) 641-0000 or (800) 232-0323; fax (972) 641-3775; or at <https://www.airbus.com/helicopters/services/technical-support.html>. You may view the referenced service information at the FAA, Office of the Regional Counsel, Southwest Region, 10101 Hillwood Pkwy., Room 6N-321, Fort Worth, TX 76177. For information on the availability of this material at the FAA, call (817) 222-5110.

**Examining the AD Docket**

You may examine the AD docket at <https://www.regulations.gov> by searching for and locating Docket No. FAA-2021-500; or in person at Docket Operations between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays. The AD docket contains this NPRM, the European Aviation Safety Agency (now European Union Aviation Safety Agency) (EASA) AD, any comments received, and other information. The street address for Docket Operations is listed above.

**FOR FURTHER INFORMATION CONTACT:**

Anthony Kenward, Aviation Safety Engineer, Fort Worth ACO Branch, Compliance & Airworthiness Division, FAA, 10101 Hillwood Pkwy., Fort Worth, TX 76177; telephone (817) 222-5152; email [anthony.kenward@faa.gov](mailto:anthony.kenward@faa.gov).

**SUPPLEMENTARY INFORMATION:**

**Comments Invited**

The FAA invites you to send any written relevant data, views, or arguments about this proposal. Send your comments to an address listed under **ADDRESSES**. Include "Docket No. FAA-2021-500; Project Identifier 2017-SW-069-AD" at the beginning of your comments. The most helpful comments reference a specific portion of the proposal, explain the reason for any recommended change, and include supporting data. The FAA will consider all comments received by the closing date and may amend this proposal because of those comments.

Except for Confidential Business Information (CBI) as described in the following paragraph, and other information as described in 14 CFR 11.35, the FAA will post all comments received, without change, to <https://www.regulations.gov>, including any personal information you provide. The agency will also post a report summarizing each substantive verbal contact received about this NPRM.

**Confidential Business Information**

CBI is commercial or financial information that is both customarily and

actually treated as private by its owner. Under the Freedom of Information Act (FOIA) (5 U.S.C. 552), CBI is exempt from public disclosure. If your comments responsive to this NPRM contain commercial or financial information that is customarily treated as private, that you actually treat as private, and that is relevant or responsive to this NPRM, it is important that you clearly designate the submitted comments as CBI. Please mark each page of your submission containing CBI as "PROPIN." The FAA will treat such marked submissions as confidential under the FOIA, and they will not be placed in the public docket of this NPRM. Submissions containing CBI should be sent to Anthony Kenward, Aviation Safety Engineer, Fort Worth ACO Branch, Compliance & Airworthiness Division, FAA, 10101 Hillwood Pkwy., Fort Worth, TX 76177; telephone (817) 222-5152; email [anthony.kenward@faa.gov](mailto:anthony.kenward@faa.gov). Any commentary that the FAA receives which is not specifically designated as CBI will be placed in the public docket for this rulemaking.

**Background**

EASA, which is the Technical Agent for the Member States of the European Union, has issued EASA AD 2017-0062, dated April 11, 2017 (EASA AD 2017-0062), to correct an unsafe condition for Airbus Helicopters Model EC130B4 and EC130T2 helicopters. EASA states that during an autorotation test conducted during an acceptance flight, the pilot felt a jamming sensation when pushing the collective to the low pitch position, and he subsequently was able to free the collective by pulling on it. According to EASA, an analysis determined that the locking tab hook (hook) and the low pitch locking pin (pin) were extremely close, and that a fold in the control lever boot may have become caught between the two components. EASA states that this condition, if not detected and corrected, could result in an untimely locking of the collective and subsequent reduced control of the helicopter.

Accordingly, EASA AD 2017-0062 requires inspecting and adjusting, if necessary, the clearance between the hook and the pin while in the low pitch position.

**FAA's Determination**

These helicopters have been approved by EASA and are approved for operation in the United States. Pursuant to the FAA's bilateral agreement with the European Union, EASA has notified the FAA about the unsafe condition described in its AD. The FAA is proposing this AD after evaluating all