

the manager of the responsible Flight Standards Office.

(2) *Contacting the Manufacturer:* For any requirement in this AD to obtain instructions from a manufacturer, the instructions must be accomplished using a method approved by the Manager, New York ACO Branch, FAA; or Transport Canada Civil Aviation (TCCA); or Bombardier Inc.'s TCCA Design Approval Organization (DAO). If approved by the DAO, the approval must include the DAO-authorized signature.

#### (k) Additional Information

(1) Refer to TCCA AD CF-2022-07, dated March 1, 2022, for related information. This TCCA AD may be found in the AD docket on the internet at *regulations.gov* by searching for and locating Docket No. FAA-2022-1065.

(2) For more information about this AD, contact Gabriel Kim, Aerospace Engineer, Mechanical Systems and Administrative Services Section, FAA, New York ACO Branch, 1600 Stewart Avenue, Suite 410, Westbury, NY 11590; telephone 516-228-7300; email [9-avs-nyaco-cos@faa.gov](mailto:9-avs-nyaco-cos@faa.gov).

(3) For service information identified in this AD, contact Bombardier Business Aircraft Customer Response Center, 400 Côte-Vertu Road West, Dorval, Québec H4S 1Y9, Canada; telephone 514-855-2999; email [ac.yul@aero.bombardier.com](mailto:ac.yul@aero.bombardier.com); internet [bombardier.com](http://bombardier.com). You may view this service information at the FAA, Airworthiness Products Section, Operational Safety Branch, 2200 South 216th St., Des Moines, WA. For information on the availability of this material at the FAA, call 206-231-3195.

Issued on August 25, 2022.

#### Christina Underwood,

*Acting Director, Compliance & Airworthiness Division, Aircraft Certification Service.*

[FR Doc. 2022-18750 Filed 8-30-22; 8:45 am]

BILLING CODE 4910-13-P

## DEPARTMENT OF TRANSPORTATION

### Federal Aviation Administration

#### 14 CFR Part 39

[Docket No. FAA-2022-0672; Project Identifier MCAI-2020-01606-T]

RIN 2120-AA64

#### Airworthiness Directives; De Havilland Aircraft of Canada Limited (Type Certificate Previously Held by Bombardier, Inc.) Airplanes

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

**ACTION:** Supplemental notice of proposed rulemaking (SNPRM).

**SUMMARY:** The FAA is revising a notice of proposed rulemaking (NPRM) to supersede Airworthiness Directive (AD) 2020-04-20, which applies to certain De Havilland Aircraft of Canada Limited Model DHC-8-400 series airplanes. This action revises the NPRM by

including an additional retained requirement and revising the terminating action to apply to additional airplanes. The FAA is proposing this AD to address the unsafe condition on these products. Since these actions would impose an additional burden over those in the NPRM, the FAA is reopening the comment period to allow the public the chance to comment on these changes.

**DATES:** The FAA must receive comments on this SNPRM by October 17, 2022.

**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 *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 SNPRM, contact De Havilland Aircraft of Canada Limited, Dash 8 Series Customer Response Centre, 5800 Explorer Drive, Mississauga, Ontario, L4W 5K9, Canada; telephone North America (toll-free): 855-310-1013, Direct: 647-277-582; email [thd@dehavilland.com](mailto:thd@dehavilland.com); internet [dehavilland.com](http://dehavilland.com). You may view this service information at the FAA, Airworthiness Products Section, Operational Safety Branch, 2200 South 216th St., Des Moines, WA. For information on the availability of this material at the FAA, call 206-231-3195.

#### Examining the AD Docket

You may examine the AD docket at *regulations.gov* under Docket No. FAA-2022-0672; or in person at Docket Operations between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays. The AD docket contains the NPRM, this SNPRM, the mandatory continuing airworthiness information (MCAI), any comments received, and other information. The street address for Docket Operations is listed above.

#### FOR FURTHER INFORMATION CONTACT:

Joseph Catanzaro, Aerospace Engineer, Airframe and Propulsion Section, FAA, New York ACO Branch, 1600 Stewart Avenue, Suite 410, Westbury, NY 11590; telephone 516-228-7366; email [9-avs-nyaco-cos@faa.gov](mailto:9-avs-nyaco-cos@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-2022-0672; Project Identifier MCAI-2020-01606-T" 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 *regulations.gov*, including any personal information you provide. The agency will also post a report summarizing each substantive verbal contact received about this SNPRM.

#### 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 SNPRM 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 SNPRM, 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 SNPRM. Submissions containing CBI should be sent to Joseph Catanzaro, Aerospace Engineer, Airframe and Propulsion Section, FAA, New York ACO Branch, 1600 Stewart Avenue, Suite 410, Westbury, NY 11590; telephone 516-228-7366; email [9-avs-nyaco-cos@faa.gov](mailto:9-avs-nyaco-cos@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

The FAA issued AD 2020-04-20, Amendment 39-19857 (85 FR 17473, March 30, 2020) (AD 2020-04-20) for certain De Havilland Aircraft of Canada Limited Model DHC-8-400 series airplanes. AD 2020-04-20 requires

repetitive inspections of certain parts for discrepancies that meet specified criteria, and replacement as necessary; repetitive inspections of certain parts for damage and wear, and rework of parts; and electrical bonding checks of certain couplings. AD 2020-04-20 also requires revising the existing maintenance or inspection program, as applicable, to incorporate new or more restrictive airworthiness limitations. For certain airplanes, AD 2020-04-20 allows a modification that terminates the repetitive inspections. The FAA issued AD 2020-04-20 to address wear on fuel couplings, bonding springs, and sleeves as well as fuel tube end ferrules and fuel component end ferrules, which could reduce the integrity of the electrical bonding paths through the fuel line and components, and ultimately lead to fuel tank ignition in the event of a lightning strike.

The FAA issued an NPRM to amend 14 CFR part 39 by adding an AD to supersede AD 2020-04-20 that would apply to certain De Havilland Aircraft of Canada Limited Model DHC-8-400 series airplanes. The NPRM published in the **Federal Register** on June 9, 2022 (87 FR 35128) (the NPRM). The NPRM was prompted by MCAI originated by Transport Canada Civil Aviation (TCCA), which is the aviation authority for Canada. TCCA issued AD CF-2017-04R3 to correct an unsafe condition identified as wear on fuel couplings, bonding springs, and sleeves as well as fuel tube end ferrules and fuel component end ferrules. The NPRM proposed to continue to require the actions in AD 2020-04-20, revise the applicability by adding airplanes, and require, for certain airplanes, the previously optional rework and retrofit of certain parts of the fuel system.

**Actions Since the NPRM Was Issued**

Since the FAA issued the NPRM, the FAA determined that the NPRM inadvertently limited the proposed new

terminating rework and retrofit to airplanes that had accomplished certain service information. In addition, the FAA determined that the optional terminating action specified in AD 2020-04-20, and corresponding credit, should be carried over to this proposed AD. These changes match the intent of TCCA AD CF-2017-04R3.

You may examine the MCAI in the AD docket at *regulations.gov* under Docket No. FAA-2022-0672.

**Comments**

The FAA received a comment from the Air Line Pilots Association, International (ALPA) who supported the NPRM without change.

**Additional Changes Made to This Proposed AD**

The FAA has replaced the content of paragraph (n)(3) of the proposed AD (in the NPRM) (which is paragraph (o)(3) of this proposed AD). Since this NPRM now includes the optional terminating action specified in AD 2020-04-02, the credit for that optional terminating action is now specified in paragraph (o)(3) of this proposed AD. In addition, the FAA has determined that the credit specified in paragraph (n)(3) of the proposed AD (in the NPRM) is a new provision and has moved the credit to paragraph (q) of this proposed AD and updated the wording for clarity and accuracy.

**Related Service Information Under 1 CFR Part 51**

This proposed AD would require the following service information, which the Director of the Federal Register approved for incorporation by reference as of May 4, 2020 (85 FR 17473, March 30, 2020).

- Bombardier Service Bulletin 84-28-20, Revision D, dated November 23, 2018.
- Bombardier Service Bulletin 84-28-21, Revision C, dated July 13, 2018.

- Bombardier Service Bulletin 84-28-26, Revision A, dated November 29, 2018.

- Q400 Dash 8 (Bombardier) Temporary Revision ALI-0192, dated April 24, 2018.

- Q400 Dash 8 (Bombardier) Temporary Revision ALI-0193, dated April 24, 2018.

This service information is reasonably available because the interested parties have access to it through their normal course of business or by the means identified in the **ADDRESSES** section.

**FAA's Determination**

This product has been approved by the aviation authority of another country, and is approved for operation in the United States. Pursuant to the FAA's bilateral agreement with the State of Design Authority, it has notified the FAA of the unsafe condition described in the MCAI and service information referenced above. The FAA is issuing this SNPRM after determining that the unsafe condition described previously is likely to exist or develop on other products of the same type design.

Certain changes described above expand the scope of the NPRM. As a result, it is necessary to reopen the comment period to provide additional opportunity for the public to comment on this SNPRM.

**Proposed Requirements of This SNPRM**

This proposed AD would retain all of the requirements of AD 2020-04-20. This proposed AD would require reworking and retrofitting certain parts of the fuel system. Doing the rework and retrofit would terminate the inspections in this proposed AD.

**Costs of Compliance**

The FAA estimates that this AD, if adopted as proposed, would affect 54 airplanes of U.S. registry.

The FAA estimates the following costs to comply with this proposed AD:

ESTIMATED COSTS FOR REQUIRED ACTIONS \*

Action	Labor cost	Parts cost	Cost per product	Cost on U.S. operators
Retained actions from AD 2020-04-20	268 work-hours × \$85 per hour = \$22,780.	\$0	\$22,780 .....	\$1,230,120.
New proposed actions .....	Up to 1,747 work-hours × \$85 per hour = Up to \$148,495.	87,385	Up to \$235,880 .....	Up to \$12,737,520.

\* Table does not include estimated costs for revising the existing maintenance or inspection program.

The FAA has determined that revising the existing maintenance or inspection program takes an average of 90 work-hours per operator, although the FAA recognizes that this number may vary

from operator to operator. In the past, the FAA has estimated that this action takes 1 work-hour per airplane. Since operators incorporate maintenance or inspection program changes for their

affected fleet(s), the FAA has determined that a per-operator estimate is more accurate than a per-airplane estimate. Therefore, the FAA estimates

the total cost per operator to be \$7,650 (90 work-hours × \$85 per work-hour).

### 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 above, 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:
- a. Removing Airworthiness Directive (AD) 2020–04–20, Amendment 39–19857 (85 FR 17473, March 30, 2020); and
  - b. Adding the following new AD:

**De Havilland Aircraft of Canada Limited**  
(Type Certificate previously held by Bombardier, Inc.): Docket No. FAA–2022–0672; Project Identifier MCAI–2020–01606–T.

#### (a) Comments Due Date

The FAA must receive comments on this airworthiness directive (AD) by October 17, 2022.

#### (b) Affected ADs

This AD replaces AD 2020–04–20, Amendment 39–19857 (85 FR 17473, March 30, 2020) (AD 2020–04–20).

#### (c) Applicability

This AD applies to De Havilland Aircraft of Canada Limited Model DHC–8–400, –401, and –402 airplanes, certificated in any category, manufacturer serial numbers 4001 and 4003 and subsequent.

#### (d) Subject

Air Transport Association (ATA) of America Code 28, Fuel.

#### (e) Reason

This AD was prompted by reports of wear on fuel couplings, bonding springs, and sleeves as well as fuel tube end ferrules and fuel component end ferrules, and by a determination that a more robust lightning ignition protection design is necessary. The FAA is issuing this AD to address such wear, which could reduce the integrity of the electrical bonding paths through the fuel line and components, and ultimately lead to fuel tank ignition in the event of a lightning strike.

#### (f) Compliance

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

#### (g) Retained Initial Inspection Compliance Times, With New Terminating Action

This paragraph restates the requirements of paragraph (g) of AD 2020–04–20, with new terminating action. For airplanes having serial numbers 4001 and 4003 through 4575 inclusive that, as of May 4, 2020 (the effective date of AD 2020–04–20), have not done the actions specified in Bombardier Service Bulletin 84–28–21: At the applicable times specified in paragraph (g)(1) or (2) of this AD, do the actions specified in paragraphs (h)(1) and (2) of this AD. Accomplishing the terminating action required by paragraph (p) of this AD terminates the initial inspection required by this paragraph.

(1) For all airplanes except those identified in paragraph (g)(2) of this AD: Within 6,000 flight hours or 36 months, whichever occurs first after May 4, 2020 (the effective date of AD 2020–04–20).

(2) For airplanes with an original airworthiness certificate or original export certificate of airworthiness issued on or after May 4, 2020 (the effective date of AD 2020–04–20): Within 6,000 flight hours or 36 months, whichever occurs first after the date of issuance of the original airworthiness certificate or the date of issuance of the original export certificate of airworthiness.

#### (h) Retained Repetitive Inspections and Corrective Actions, With New Terminating Action

This paragraph restates the requirements of paragraph (h) of AD 2020–04–20, with new terminating action. For airplanes having serial numbers 4001 and 4003 through 4575 inclusive that, as of May 4, 2020 (the effective date of AD 2020–04–20), have not done the actions specified in Bombardier Service Bulletin 84–28–21: At the applicable times specified in paragraph (g)(1) or (2) of this AD, do the actions specified in paragraphs (h)(1) and (2) of this AD. Repeat the actions thereafter at intervals not to exceed 6,000 flight hours or 36 months, whichever occurs first. Accomplishing the terminating action required by paragraph (p) of this AD terminates the repetitive inspections required by this paragraph.

(1) Do a detailed inspection of the clamshell coupling bonding wires, fuel couplings, and associated sleeves for discrepancies that meet specified criteria, as identified in, and in accordance with, paragraph 3.B., "Procedure," of the Accomplishment Instructions of Bombardier Service Bulletin 84–28–20, Revision D, dated November 23, 2018. If any conditions are found meeting the criteria specified in Bombardier Service Bulletin 84–28–20, Revision D, dated November 23, 2018, before further flight, replace affected parts with new couplings and sleeves of the same part number, in accordance with paragraph 3.B., "Procedure," of the Accomplishment Instructions of Bombardier Bulletin 84–28–20, Revision D, dated November 23, 2018.

(2) Do a detailed inspection of the fuel tube end ferrules, fuel component end ferrules, and ferrule O-ring flanges for damage and wear, and rework (repair, replace, or blend, as applicable) the parts, in accordance with paragraph 3.B., "Procedure," of the Accomplishment Instructions of Bombardier Service Bulletin 84–28–20, Revision D, dated November 23, 2018.

#### (i) Retained Optional Terminating Action for Repetitive Inspections With No Changes

This paragraph restates the requirements of paragraph (i) of AD 2020–04–20, with no changes. For airplanes having serial numbers 4001 and 4003 through 4575 inclusive: Doing a detailed inspection of the fuel tube end ferrules, fuel component end ferrules, and ferrule O-ring flanges for damage and wear, and reworking (repair, replace, or blend, as applicable) the parts; and doing a retrofit (structural rework) of the fuel couplings, isolators, and structural provisions, in accordance with paragraph 3.B., "Procedure," of the Accomplishment Instructions of Bombardier Service Bulletin 84–28–21, Revision C, dated July 13, 2018, terminates the inspections specified in paragraphs (h)(1) and (2) of this AD.

**(j) Retained Electrical Bonding Checks/  
Detailed Inspection, With No Changes**

This paragraph restates the requirements of paragraph (j) of AD 2020-04-20, with no changes. For airplanes having serial numbers 4001, 4003 through 4489 inclusive, and 4491 through 4575 inclusive that, as of May 4, 2020 (the effective date of AD 2020-04-20), have done the actions specified in Bombardier Service Bulletin 84-28-21, Revision A, dated September 29, 2017; and airplanes having serial numbers 4576 through 4581 inclusive: Within 6,000 flight hours or 36 months after May 4, 2020, whichever occurs first, do the actions specified in paragraph (j)(1) or (2) of this AD.

(1) Accomplish electrical bonding checks of all threaded couplings on the inboard vent lines in the left and right wings, in accordance with paragraph 3.B., "Procedure," of the Accomplishment Instructions of Bombardier Service Bulletin 84-28-26, Revision A, dated November 29, 2018.

(2) Do a detailed inspection of the fuel tube end ferrules, fuel component end ferrules, and ferrule O-ring flanges for damage and wear, and rework (repair, replace, or blend, as applicable) the parts; and a retrofit (structural rework) of the fuel couplings, isolators, and structural provisions; in accordance with paragraph 3.B., "Procedure," of the Accomplishment Instructions of Bombardier Service Bulletin 84-28-21, Revision C, dated July 13, 2018.

**(k) Retained Revision of the Existing  
Maintenance or Inspection Program, With  
No Changes**

This paragraph restates the requirements of paragraph (k) of AD 2020-04-20, with no changes. Within 30 days after May 4, 2020 (the effective date of AD 2020-04-20), revise the existing maintenance or inspection program, as applicable, to incorporate the information specified in Q400 Dash 8 (Bombardier) Temporary Revision ALI-0192, dated April 24, 2018; and Q400 Dash 8 (Bombardier) Temporary Revision ALI-0193, dated April 24, 2018. Except as specified in paragraph (l) of this AD, the initial compliance time for doing the tasks in Q400 Dash 8 (Bombardier) Temporary Revision ALI-0192, dated April 24, 2018, is at the time specified in Q400 Dash 8 (Bombardier) Temporary Revision ALI-0192, dated April 24, 2018, or within 30 days after May 4, 2020, whichever occurs later.

**(l) Retained Initial Compliance Time for  
Task 284000-419, With No Changes**

This paragraph restates the requirements of paragraph (l) of AD 2020-04-20, with no changes. The initial compliance time for task 284000-419 is at the time specified in paragraph (l)(1) or (2) of this AD, as applicable, or within 30 days after May 4, 2020 (the effective date of AD 2020-04-20), whichever occurs later.

(1) For airplanes having serial numbers 4001 and 4003 through 4575 inclusive: Within 18,000 flight hours or 108 months, whichever occurs first, after the earliest date of embodiment of Bombardier Service Bulletin 84-28-21 on the airplane.

(2) For airplanes having serial numbers 4576 and subsequent: Within 18,000 flight hours or 108 months, whichever occurs first, from the date of issuance of the original airworthiness certificate or original export certificate of airworthiness.

**(m) Retained No Alternative Actions,  
Intervals, or Critical Design Configuration  
Control Limitations (CDCCLs), With No  
Changes**

This paragraph restates the requirements of paragraph (m) of AD 2020-04-20, with no changes. After the existing maintenance or inspection program has been revised as required by paragraph (k) of this AD, no alternative actions (*e.g.*, inspections), intervals, or CDCCLs may be used unless the actions, intervals, and CDCCLs are approved as an alternative method of compliance (AMOC) in accordance with the procedures specified in paragraph (r)(1) of this AD.

**(n) Retained No Reporting Provisions, With  
No Changes**

This paragraph restates the provisions of paragraph (n) of AD 2020-04-20, with no changes. Although Bombardier Service Bulletin 84-28-20, Revision D, dated November 23, 2018, specifies to submit certain information to the manufacturer, this AD does not include that requirement.

**(o) Retained Credit for Previous Actions,  
With No Changes**

(1) This paragraph restates the provisions of paragraph (o) of AD 2020-04-20, with no changes. This paragraph provides credit for the actions required by paragraphs (h)(1) and (2) of this AD, if those actions were performed before May 4, 2020 (the effective date of AD 2020-04-20), using the service

information specified in paragraph (o)(1)(i) through (iii) of this AD.

(i) Bombardier Service Bulletin 84-28-20, Revision A, dated December 14, 2016.

(ii) Bombardier Service Bulletin 84-28-20, Revision B, dated February 13, 2017.

(iii) Bombardier Service Bulletin 84-28-20, Revision C, dated April 28, 2017.

(2) For the airplane having serial number 4164, this paragraph provides credit for the initial inspections required by paragraphs (h)(1) and (2) of this AD, if those actions were performed before May 4, 2020 (the effective date of AD 2020-04-20), using Bombardier Service Bulletin 84-28-20, dated September 30, 2016.

(3) This paragraph provides credit for the actions specified in paragraph (i) of this AD if those actions were performed before May 4, 2020 (the effective date of AD 2020-04-20), using the service information specified in paragraph (o)(3)(i) through (iii) of this AD.

(i) Bombardier Service Bulletin 84-28-21, dated August 31, 2017.

(ii) Bombardier Service Bulletin 84-28-21, Revision A, dated September 29, 2017.

(iii) Bombardier Service Bulletin 84-28-21, Revision B, dated June 8, 2018.

(4) This paragraph provides credit for the actions required by paragraph (j)(1) of this AD if those actions were performed before May 4, 2020 (the effective date of AD 2020-04-20), using Bombardier Service Bulletin 84-28-26, dated August 14, 2018.

(5) This paragraph provides credit for the actions required by paragraph (j)(2) of this AD if those actions were performed before May 4, 2020 (the effective date of AD 2020-04-20), using Bombardier Service Bulletin 84-28-21, Revision B, dated June 8, 2018.

(6) For airplanes having serial numbers 4001, 4003 through 4489 inclusive, and 4491 through 4575 inclusive, and that are post Bombardier Service Bulletin 84-28-21, Revision A, dated September 29, 2017: This paragraph provides credit for the actions required by paragraph (j) of this AD if those actions were performed before May 4, 2020 (the effective date of AD 2020-04-20), using the service information specified in paragraph (o)(6)(i) or (ii) of this AD.

(i) Bombardier Modification Summary Package (ModSum) IS4Q2800032, dated February 1, 2018.

(ii) Any airworthiness limitation change request (ACR) specified in figure 1 to paragraph (o)(6)(ii) of this AD.

Figure 1 to paragraph (o)(6)(ii) – ACRs

ACR Number	Dated
400-072	January 24, 2018
400-073	January 23, 2018
400-074	January 24, 2018
400-077	February 27, 2018
400-078	March 21, 2018
400-079	April 18, 2018
400-080	April 30, 2018
400-081	May 4, 2018
400-082	May 4, 2018
400-083	June 4, 2018
400-084	May 18, 2018

**(p) New Rework and Retrofit**

For airplanes having serial numbers 4001 and 4003 through 4575 inclusive: At the applicable time specified in paragraph (p)(1) or (2) of this AD, rework (repair, replace, or blend, as applicable) the parts (fuel tube end ferrules, fuel component end ferrules, and ferrule O-ring flanges); and do a retrofit (structural rework) of the fuel couplings, isolators, and structural provisions; in accordance with Part B of paragraph 3.B., “Procedure,” of the Accomplishment Instructions of Bombardier Service Bulletin 84–28–21, Revision C, dated July 13, 2018. Accomplishing these actions terminates the initial and repetitive inspections required by paragraphs (g) and (h) of this AD.

(1) For airplanes with greater than 20,000 total flight hours as of the effective date of this AD: Do the actions within 6,000 flight hours or 36 months after the effective date of this AD, whichever occurs first.

(2) For airplanes with less than or equal to 20,000 total flight hours as of the effective date of this AD: Do the actions within 8,000 flight hours or 48 months after the effective date of this AD, whichever occurs first.

**(q) New Credit for Previous Actions**

This paragraph provides credit for the actions required by paragraph (p) of this AD, if those actions were performed before the effective date of this AD using the service information specified in paragraph (q)(1), (2), or (3) of this AD.

(1) Bombardier Service Bulletin 84–28–21, dated August 31, 2017.

(2) Bombardier Service Bulletin 84–28–21, Revision A, dated September 29, 2017.

(3) Bombardier Service Bulletin 84–28–21, Revision B, dated June 8, 2018.

**(r) Additional AD Provisions**

The following provisions also apply to this AD:

(1) *Alternative Methods of Compliance (AMOCs)*: The Manager, New York ACO 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 responsible Flight Standards Office, as appropriate. If sending information directly to the manager of the New York ACO Branch, mail it to ATTN: Program Manager, Continuing Operational Safety, at the address identified in paragraph (s)(2) of this AD or email to: [9-avs-nyaco-cos@faa.gov](mailto:9-avs-nyaco-cos@faa.gov). If mailing information, also submit information by email. Before using any approved AMOC, notify your appropriate principal inspector, or lacking a principal inspector, the manager of the responsible Flight Standards Office.

(2) *Contacting the Manufacturer*: For any requirement in this AD to obtain instructions from a manufacturer, the instructions must be accomplished using a method approved by the Manager, New York ACO Branch, FAA; or Transport Canada Civil Aviation (TCCA); or De Havilland Aircraft of Canada Limited’s TCCA Design Approval Organization (DAO). If approved by the DAO, the approval must include the DAO-authorized signature.

**(s) Additional Information**

(1) Refer to TCCA AD CF–2017–04R3, dated April 1, 2020, for related information. This TCCA AD may be found in the AD docket at [regulations.gov](http://regulations.gov) under Docket No. FAA–2022–0672.

(2) For more information about this AD, contact Joseph Catanzaro, Aerospace Engineer, Airframe and Propulsion Section, FAA, New York ACO Branch, 1600 Stewart

Avenue, Suite 410, Westbury, NY 11590; telephone 516–228–7366; email [9-avs-nyaco-cos@faa.gov](mailto:9-avs-nyaco-cos@faa.gov).

(3) Service information identified in this AD that is not incorporated by reference is available at the addresses specified in paragraphs (t)(4) and (5) of this AD.

**(t) Material Incorporated by Reference**

(1) The Director of the Federal Register approved the incorporation by reference (IBR) of the service information listed in this paragraph under 5 U.S.C. 552(a) and 1 CFR part 51.

(2) You must use this service information as applicable to do the actions required by this AD, unless this AD specifies otherwise.

(3) The following service information was approved for IBR on May 4, 2020 (85 FR 17473, March 30, 2020).

(i) Bombardier Service Bulletin 84–28–20, Revision D, dated November 23, 2018.

(ii) Bombardier Service Bulletin 84–28–21, Revision C, dated July 13, 2018.

(iii) Bombardier Service Bulletin 84–28–26, Revision A, dated November 29, 2018.

(iv) Bombardier Q400 Dash 8 (Bombardier) Temporary Revision ALI–0192, dated April 24, 2018.

(v) Q400 Dash 8 (Bombardier) Temporary Revision ALI–0193, dated April 24, 2018.

(4) For service information identified in this AD, contact De Havilland Aircraft of Canada Limited, Dash 8 Series Customer Response Centre, 5800 Explorer Drive, Mississauga, Ontario, L4W 5K9, Canada; telephone North America (toll-free): 855–310–1013, Direct: 647–277–5820; email [thd@dehavilland.com](mailto:thd@dehavilland.com); internet [dehavilland.com](http://dehavilland.com).

(5) You may view this service information at the FAA, Airworthiness Products Section, Operational Safety Branch, 2200 South 216th St., Des Moines, WA. For information on the

availability of this material at the FAA, call 206-231-3195.

(6) You may view this service information that is incorporated by reference at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, email [fr.inspection@nara.gov](mailto:fr.inspection@nara.gov), or go to: [archives.gov/federal-register/cfr/ibr-locations.html](https://www.archives.gov/federal-register/cfr/ibr-locations.html).

Issued on August 25, 2022.

**Christina Underwood,**

*Acting Director, Compliance & Airworthiness Division, Aircraft Certification Service.*

[FR Doc. 2022-18749 Filed 8-30-22; 8:45 am]

BILLING CODE 4910-13-P

## DEPARTMENT OF THE INTERIOR

### Fish and Wildlife Service

#### 50 CFR Part 17

[Docket No. FWS-R1-ES-2022-0061;  
FXES1113090FEDR-223-FF09E22000]

RIN 1018-BF61

#### Endangered and Threatened Wildlife and Plants; Establishment of a Nonessential Experimental Population of the Guam Kingfisher, or Sihek, on Palmyra Atoll, USA

**AGENCY:** Fish and Wildlife Service, Interior.

**ACTION:** Proposed rule.

**SUMMARY:** We, the U.S. Fish and Wildlife Service (Service or USFWS), propose to release (meaning introduce) the Guam kingfisher (*Todiramphus cinnamominus*), known locally as the sihek, on Palmyra Atoll as an experimental population under the Endangered Species Act of 1973, as amended (Act). Currently, the sihek exists only in captivity and has been extinct in the wild for more than 30 years. The proposed introduction on Palmyra Atoll is outside the sihek's historical range because its primary habitat within its native range on Guam has been indefinitely altered by the accidental introduction of the predatory brown treesnake (*Boiga irregularis*) in the mid-twentieth century. Tools to manage brown treesnakes at a landscape level are under development, but these tools are unlikely to be available for broad use within the foreseeable future. The introduction of sihek to Palmyra Atoll is not intended to be a permanent introduction that would support a self-sustaining population; rather, it is intended to facilitate the gathering of information and analysis to optimize efforts for reestablishment of the species on Guam once brown treesnakes can be sufficiently controlled at a landscape

scale. The introduction of sihek to Palmyra Atoll is also likely to help increase the global population of this extinct-in-the-wild species in advance of a reintroduction effort on Guam. We propose to classify the population as a nonessential experimental population (NEP) under the Act and propose regulations for the take of sihek within the NEP area. The best available data indicate the introduction of sihek to Palmyra Atoll is biologically feasible and will promote the conservation of the species. We are seeking comments on this proposal.

**DATES:** We will accept comments received or postmarked on or before September 30, 2022. Please note that if you are using the Federal eRulemaking Portal (see **ADDRESSES**), the deadline for submitting an electronic comment is 11:59 p.m. eastern time on this date.

**ADDRESSES:** *Written Comments:* You may submit comments on this proposed rule by one of the following methods:

- *Electronically:* Go to the Federal eRulemaking Portal: <https://www.regulations.gov>. In the Search box, enter FWS-R1-ES-2022-0061, which is the docket number for this rulemaking. Then, click the Search button. In the Search panel on the left side of the screen, under the Document Type heading, click on the box next to Proposed Rules to locate this document. You may submit a comment by clicking on "Comment."

- *By hard copy:* Submit by U.S. mail or hand-delivery to: Public Comments Processing, Attn: FWS-R1-ES-2022-0061; U.S. Fish and Wildlife Service; MS: PRB (JAO/3W); 5275 Leesburg Pike, Falls Church, VA 22041-3803. We will post all comments on <https://www.regulations.gov>. This generally means that we will post any personal information you provide us (see Public Comments, below, for more information).

*Copies of Documents:* The proposed rule is available on <https://www.regulations.gov> under Docket No. FWS-R1-ES-2022-0061.

**FOR FURTHER INFORMATION CONTACT:**

Megan Laut, Pacific Islands Fish and Wildlife Office, U.S. Fish and Wildlife Service, 300 Ala Moana Blvd., Rm 3-122, Honolulu, HI 96850; telephone 808-779-9939. Individuals in the United States who are deaf, deafblind, hard of hearing, or have a speech disability may dial 711 (TTY, TDD, or TeleBraille) to access telecommunications relay services. Individuals outside the United States should use the relay services offered within their country to make

international calls to the point-of-contact in the United States.

**SUPPLEMENTARY INFORMATION:**

**Public Comments**

We intend that any final action resulting from this proposed rule will be based on the best scientific and commercial data available and be as accurate and effective as possible. Therefore, we invite governmental agencies, the scientific community, the CHamoru community, industry, and other interested parties to submit comments or recommendations concerning any aspect of this proposed rule. Comments should be as specific as possible.

To issue a final rule to implement this proposed action, we will take into consideration all comments and any additional information we receive. Such communications may lead to a final rule that differs from this proposal. All comments, including commenters' names and addresses, if provided to us, will become part of the supporting record.

You may submit your comments and materials concerning the proposed rule by one of these methods listed in **ADDRESSES**. Comments must be submitted to <https://www.regulations.gov> before 11:59 p.m. (eastern time) on the date specified in **DATES**. We will not consider hand-delivered comments that we do not receive, or mailed comments that are not postmarked, by the date specified in **DATES**.

We will post your entire comment—including your personal identifying information—on <https://www.regulations.gov>. If you provide personal identifying information in your comment, you may request at the top of your document that we withhold this information from public review. However, we cannot guarantee that we will be able to do so.

Comments and materials we receive, as well as some of the supporting documentation we used in preparing this proposed rule, will be available for public inspection on <https://www.regulations.gov>, or by appointment during normal business hours at the U.S. Fish and Wildlife Service, Pacific Islands Fish and Wildlife Office (see **FOR FURTHER INFORMATION CONTACT**).

We are specifically seeking comments concerning:

- Information pertaining to the sihek as it relates to the proposed introduction;
- Effects of the proposed introduction on native species and the ecosystem on Palmyra Atoll; and