

**(e) Reason**

This AD was prompted by a report that a certain modification to the auto relight system is incompatible with a certain beta lockout system modification and could result in de-activation of the auto ignition feature of the No. 2 engine. We are issuing this AD to address unintentional de-activation of the auto ignition feature of the No. 2 engine when the beta lockout system is activated, which could result in an uncommanded in-flight shutdown of the No. 2 engine.

**(f) Compliance**

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

**(g) Inspection and Corrective Action**

Within 6,000 flight hours or 36 months, whichever occurs first, after the effective date of this AD, inspect and, as applicable, rectify the auto ignition system in accordance with the Accomplishment Instructions of Bombardier Service Bulletin 8-74-07, dated April 13, 2016.

**(h) Credit for Previous Actions**

This paragraph provides credit for rectification required by paragraph (g) of this AD, if those actions were performed before the effective date of this AD using Bombardier In-Service Modification Summary Package IS8Q7400001, Revision C, dated November 27, 2015.

**(i) Other FAA 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 local Flight Standards District Office, as appropriate. If sending information directly to the manager of the certification office, send it to ATTN: Program Manager, Continuing Operational Safety, FAA, New York ACO Branch, 1600 Stewart Avenue, Suite 410, Westbury, NY 11590; telephone 516-228-7300; fax 516-794-5531. 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.

(2) *Contacting the Manufacturer*: For any requirement in this AD to obtain corrective actions from a manufacturer, the action 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.

**(j) Related Information**

(1) Refer to Mandatory Continuing Airworthiness Information (MCAI) Canadian AD CF-2017-21R1, dated June 28, 2017, for related information. This MCAI may be found in the AD docket on the internet at

<http://www.regulations.gov> by searching for and locating Docket No. FAA-2018-0635.

(2) For more information about this AD, contact Joe Catanzaro, Aerospace Engineer, Airframe and Propulsion Section, FAA, New York ACO Branch, 1600 Stewart Avenue, Suite 410, Westbury, NY 11590; telephone 516-228-7366; fax 516-794-5531; 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 (k)(3) and (k)(4) of this AD.

**(k) 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.

(i) Bombardier Service Bulletin 8-74-07, dated April 13, 2016.

(ii) [Reserved]

(3) For service information identified in this AD, contact Bombardier, Inc., Q-Series Technical Help Desk, 123 Garratt Boulevard, Toronto, Ontario M3K 1Y5, Canada; telephone 416-375-4000; fax 416-375-4539; email [thd.qseries@aero.bombardier.com](mailto:thd.qseries@aero.bombardier.com); internet <http://www.bombardier.com>.

(4) You may view this service information at the FAA, Transport Standards Branch, 2200 South 216th St., Des Moines, WA. For information on the availability of this material at the FAA, call 206-231-3195.

(5) 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, call 202-741-6030, or go to: <http://www.archives.gov/federal-register/cfr/ibr-locations.html>.

Issued in Des Moines, Washington, on October 26, 2018.

**Michael Kaszycki,**

*Acting Director, System Oversight Division, Aircraft Certification Service.*

**Editorial Note:** This document was received for publication by the Office of the Federal Register on January 30, 2019. [FR Doc. 2019-00858 Filed 2-7-19; 8:45 am]

**BILLING CODE 4910-13-P**

**DEPARTMENT OF TRANSPORTATION****Federal Aviation Administration****14 CFR Part 39**

**[Docket No. FAA-2019-0042; Product Identifier 2018-NE-25-AD; Amendment 39-19548; AD 2019-02-01]**

**RIN 2120-AA64**

**Airworthiness Directives; General Electric Company Turbofan Engines**

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

**ACTION:** Final rule; request for comments.

**SUMMARY:** We are superseding Airworthiness Directive (AD) 2018-16-07, which applied to certain General Electric Company (GE) GENx turbofan engines. AD 2018-16-07 required removal and replacement of affected high-pressure turbine (HPT) stator cases (HPT cases). This AD retains those requirements, but reduces certain compliance times. This AD was prompted by the discovery of a quality escape at a manufacturing facility and a determination that the compliance time for the removal and replacement of certain HPT cases must be reduced. We are issuing this AD to address the unsafe condition on these products.

**DATES:** This AD is effective February 25, 2019.

The Director of the Federal Register approved the incorporation by reference of certain publications listed in this AD as of February 25, 2019.

We must receive any comments on this AD by March 25, 2019.

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

For service information identified in this final rule, contact General Electric Company, GE Aviation, Room 285, 1 Neumann Way, Cincinnati, OH 45215; phone: 513-552-3272; email: [aviation.fleetsupport@ge.com](mailto:aviation.fleetsupport@ge.com). You may view this service information at the FAA, Engine and Propeller Standards Branch, 1200 District Avenue, Burlington, MA. You may view this service information at the FAA, Engine and Propeller Standards Branch, 1200 District Avenue, Burlington, MA. For information on the availability of this material at the FAA, call 781-238-7759. It is also available on the internet at <http://www.regulations.gov> by searching for and locating Docket No. FAA-2019-0042.

**Examining the AD Docket**

You may examine the AD docket on the internet at <http://www.regulations.gov> by searching for

and locating Docket No. FAA–2019–0042; 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 final rule, the regulatory evaluation, any comments received, and other information. The street address for Docket Operations (phone: 800–647–5527) is in the **ADDRESSES** section. Comments will be available in the AD docket shortly after receipt.

**FOR FURTHER INFORMATION CONTACT:** Herman Mak, Aerospace Engineer, ECO Branch, FAA, 1200 District Avenue, Burlington, MA 01803; phone: 781–238–7147; fax: 781–238–7199; email: [herman.mak@faa.gov](mailto:herman.mak@faa.gov).

**SUPPLEMENTARY INFORMATION:**

**Discussion**

We issued AD 2018–16–07, Amendment 39–19347 (83 FR 36724, July 31, 2018) (“AD 2018–16–07”), for certain GE GENx–1B54, –1B58, –1B64, –1B67, –1B70, –1B54/P1, –1B58/P1, –1B64/P1, –1B67/P1, –1B70/P1, –1B54/P2, –1B58/P2, –1B64/P2, –1B67/P2, –1B70/P2, –1B70C/P1, –1B70/72/P1, –1B70/75/P1, –1B74/75/P1, –1B75/P1, –1B70C/P2, –1B70/72/P2, –1B70/75/P2, –1B74/75/P2, –1B75/P2, –1B76/P2, –1B76A/P2, –1B78/P2, –2B67, –2B67B, and –2B67/P turbofan engines. AD 2018–16–07 required removal of affected HPT cases from service and their replacement with a part eligible for installation. AD 2018–16–07 was prompted by the discovery of a quality escape at a manufacturing facility involving unapproved reworks on HPT cases. We issued AD 2018–16–07 to address failure of the HPT case, which could result in engine fire and damage to the airplane.

**Actions Since AD 2018–16–07 was Issued**

Since we issued AD 2018–16–07, we have received new data from the manufacturer and have determined that certain HPT cases may have a reduced fatigue life than previously determined. Because of this reduced fatigue life, the HPT cases must be removed and replaced at reduced compliance times. Failure to remove and replace the HPT

cases within the reduced compliance times could result in failure of the HPT case resulting in the unsafe condition identified above.

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

We reviewed GE Service Bulletin (SB) GENx–2B S/B 72–0360, Revision 04, dated December 4, 2018, and GE SB GENx–1B S/B 72–0424, Revision 04, dated December 3, 2018. This service information describes procedures for removing the affected HPT cases from the engine. GE SB GENx–1B S/B 72–0424 is effective for GENx–1B engines with the serial numbers of HPT cases listed therein. GE SB GENx–2B S/B 72–0360 is effective for GENx–2B engines with the serial numbers of HPT cases listed therein. 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.

**Other Related Service Information**

We reviewed Inspection 001, Subtask 72–52–01–230–001, of GENx–1B Cleaning, Inspection, and Repair Manual GEK112862, Rev 27, dated April 30, 2018, and GENx–2B Cleaning, Inspection, and Repair Manual GEK114120, Rev 20, dated April 30, 2018. These manuals provide guidance for conducting Class A fluorescent penetrant inspections.

**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 the same type design.

**AD Requirements**

This AD requires removal of the affected HPT cases from service and their replacement with a part eligible for installation.

**FAA’s Justification and Determination of the Effective Date**

An unsafe condition exists that requires the immediate adoption of this

AD without providing an opportunity for public comments prior to adoption. The FAA has found that the risk to the flying public justifies waiving notice and comment prior to adoption of this rule because of a quality escape at a manufacturing facility involving unapproved rework on HPT cases, which could result in failure of the HPT case and subsequent engine fire and damage to the airplane. Additionally, the compliance time for the required action is shorter than the time necessary for the public to comment and for publication of the final rule. Therefore, we find good cause that notice and opportunity for prior public comment are impracticable. In addition, for the reasons stated above, we find that good cause exists for making this amendment effective in less than 30 days.

**Comments Invited**

This AD is a final rule that involves requirements affecting flight safety and was not preceded by notice and an opportunity for public comment. However, we invite you to send any written data, views, or arguments about this final rule. Send your comments to an address listed under the **ADDRESSES** section. Include the docket number FAA–2019–0042 and Product Identifier 2018–NE–25–AD at the beginning of your comments. We specifically invite comments on the overall regulatory, economic, environmental, and energy aspects of this final rule. We will consider all comments received by the closing date and may amend this final rule because of those comments.

We will post all comments we receive, without change, to <http://www.regulations.gov>, including any personal information you provide. We will also post a report summarizing each substantive verbal contact we receive about this final rule.

**Costs of Compliance**

We estimate that this AD affects 7 engines installed on airplanes of U.S. registry. We estimate the following costs to comply with this AD:

**ESTIMATED COSTS**

Action	Labor cost	Parts cost	Cost per product	Cost on U.S. operators
Removal and replacement of HPT cases .....	0 work-hours × \$85 per hour = \$0 .....	\$362,400	\$362,400	\$2,536,800

**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.

This AD is issued in accordance with authority delegated by the Executive Director, Aircraft Certification Service, as authorized by FAA Order 8000.51C. In accordance with that order, issuance of ADs is normally a function of the Compliance and Airworthiness Division, but during this transition period, the Executive Director has delegated the authority to issue ADs applicable to engines, propellers, and associated appliances to the Manager, Engine and Propeller Standards Branch, Policy and Innovation Division.

**Regulatory Findings**

We have determined that this AD will not have federalism implications under Executive Order 13132. This AD will not have a substantial direct effect on the States, on the relationship between the national government and the States, or on the distribution of power and responsibilities among the various levels of government.

For the reasons discussed above, I certify 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
- (4) Will not have a significant economic impact, positive or negative, on a substantial number of small entities under the criteria of the Regulatory Flexibility Act.

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

Air transportation, Aircraft, Aviation safety, Incorporation by reference, Safety.

**Adoption of the Amendment**

Accordingly, under the authority delegated to me by the Administrator, the FAA amends 14 CFR part 39 as follows:

**PART 39—AIRWORTHINESS DIRECTIVES**

- 1. The authority citation for part 39 continues to read as follows:

**Authority:** 49 U.S.C. 106(g), 40113, 44701.

**§ 39.13 [Amended]**

- 2. The FAA amends § 39.13 by removing Airworthiness Directive (AD) 2018–16–07, Amendment 39–19347 (83 FR 36724, July 31, 2018), and adding the following new AD:

**2019–02–01 General Electric Company:**  
Amendment 39–19548; Docket No. FAA–2019–0042; Product Identifier 2018–NE–25–AD.

**(a) Effective Date**

This AD is effective February 25, 2019.

**(b) Affected ADs**

This AD replaces AD 2018–16–07, Amendment 39–19347 (83 FR 36724, July 31, 2018) (“AD 2018–16–07”).

**(c) Applicability**

This AD applies to General Electric Company (GE) GENx–1B54, –1B58, –1B64, –1B67, –1B70, –1B54/P1, –1B58/P1, –1B64/P1, –1B67/P1, –1B70/P1, –1B54/P2, –1B58/

P2, –1B64/P2, –1B67/P2, –1B70/P2, –1B70C/P1, –1B70/72/P1, –1B70/75/P1, –1B74/75/P1, –1B75/P1, –1B70C/P2, –1B70/72/P2, –1B70/75/P2, –1B74/75/P2, –1B75/P2, –1B76/P2, –1B76A/P2, –1B78/P2, –2B67, –2B67B, and –2B67/P turbofan engines with a high-pressure turbine (HPT) stator case (HPT case), part number (P/N) 2302M90G04 installed, and with any serial number (S/N) listed in Table 1, 2, or 3, in the Planning Information section of GE Service Bulletin (SB) GENx–2B S/B 72–0360, Revision 04, dated December 4, 2018, or GE SB GENx–1B S/B 72–0424, Revision 04, dated December 3, 2018, installed.

**(d) Subject**

Joint Aircraft System Component (JASC) Code 7250, Turbine section.

**(e) Unsafe Condition**

This AD was prompted by the discovery of a quality escape at a manufacturing facility involving unapproved rework on HPT cases. We are issuing this AD to prevent failure of the HPT case and subsequent engine fire and damage to the airplane.

**(f) Compliance**

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

**(g) Required Actions**

(1) For HPT cases listed in Planning Information, Table 1 or 2, of GE SB GENx–2B S/B 72–0360, Revision 04, dated December 4, 2018, or GE SB GENx–1B S/B 72–0424, Revision 04, dated December 3, 2018, determine the lesser of the following: Cycles since new (CSN) or cycles since Class A fluorescent penetrant inspection (CSFPI) of the entire HPT case.

(2) Using the determination made in paragraph (g)(1) of this AD, remove from service the HPT case before exceeding the applicable cycles in service accrued after August 15, 2018, the effective date of AD 2018–16–07, as specified in Table 1 to paragraph (g)(2) of this AD. Replace the removed HPT case with a part eligible for installation.

**Table 1 to paragraph (g)(2) of this AD – Compliance times**

CSN or CSFPI of HPT case	Remove from service (cycles in service after August 15, 2018, the effective date of AD 2018-16-07)
Fewer than 1000	150 cycles
1000 to 2000	125 cycles
2001 to 3000	100 cycles
3001 to 4000	75 cycles
4001 to 5000	50 cycles
Greater than 5000	25 cycles

(3) For HPT cases listed in Planning Information, Table 3, of GE SB GENx-2B S/B 72-0360, Revision 04, dated December 4, 2018, determine the lesser of the following: CSN or CSFPI of the entire HPT case.

(4) Using the determination made in paragraph (g)(3) of this AD, remove from service the HPT case before exceeding the cycles in service specified in Table 2 to paragraph (g)(4) of this AD. Replace the

removed HPT case with a part eligible for installation.

**Table 2 to paragraph (g)(4) of this AD – Compliance times**

CSN or CSFPI of HPT case	Remove from service (cycles in service after the effective date of this AD)
Fewer than 1000	1400 cycles
1000 to 1500	950 cycles
1501 to 2000	700 cycles
2001 to 3000	375 cycles
3001 to 4000	225 cycles
Greater than 4000	150 cycles

(5) For HPT cases listed in Planning Information, Table 3, of GE SB GENx-1B S/B 72-0424, Revision 04, dated December 3, 2018, determine the lesser of the following: CSN or CSFPI of the entire HPT case.

(6) Using the determination made in paragraph (g)(5) of this AD, remove from service the HPT case before exceeding the cycles in service specified in Table 3 to paragraph (g)(6) of this AD. Replace the

removed HPT case with a part eligible for installation.

**Table 3 to paragraph (g)(6) of this AD – Compliance times**

CSN or CSFPI of HPT case	Remove from service (cycles in service after the effective date of this AD)
Fewer than 1000	700 cycles
1000 to 1500	600 cycles
1501 to 2000	400 cycles
2001 to 3000	200 cycles
3001 to 4000	120 cycles
Greater than 4000	75 cycles

**(h) Installation Prohibition**

After the effective date of this AD, do not install any affected HPT case onto any engine if the HPT case has been disassembled to piece-part level. Affected HPT cases are identified in paragraphs (g)(1), (g)(3), and (g)(5) of this AD. Piece-part level is defined as when the part is completely disassembled.

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

(1) The Manager, ECO 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 certification office, send it to the attention of the person identified in paragraph (j) of this AD. You may email your request to [ANE-AD-AMOC@faa.gov](mailto:ANE-AD-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.

**(j) Related Information**

For more information about this AD, contact Herman Mak, Aerospace Engineer, ECO Branch, FAA, 1200 District Avenue, Burlington, MA 01803; phone: 781-238-7147; fax: 781-238-7199; email: [herman.mak@faa.gov](mailto:herman.mak@faa.gov).

**(k) 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 the AD specifies otherwise.

(i) General Electric Company (GE) Service Bulletin (SB) GENx-2B S/B 72-0360, Revision 04, dated December 4, 2018.

(ii) GE SB GENx-1B S/B 72-0424, Revision 04, dated December 3, 2018.

(3) For GE service information identified in this AD, contact General Electric Company, GE Aviation, Room 285, 1 Neumann Way, Cincinnati, OH 45215; phone: 513-552-3272; email: [aviation.fleetsupport@ge.com](mailto:aviation.fleetsupport@ge.com).

(4) You may view this service information at the FAA, Engine and Propeller Standards Branch, 1200 District Avenue, Burlington, MA. For information on the availability of this material at the FAA, call 781-238-7759.

(5) 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, call 202-741-6030, or go to: <http://www.archives.gov/federal-register/cfr/ibr-locations.html>.

Issued in Burlington, Massachusetts, on February 1, 2019.

**Robert J. Ganley,**

*Manager, Engine and Propeller Standards Branch, Aircraft Certification Service.*

[FR Doc. 2019-01589 Filed 2-7-19; 8:45 am]

BILLING CODE 4910-13-P

## DEPARTMENT OF TRANSPORTATION

### Federal Aviation Administration

#### 14 CFR Part 39

[Docket No. FAA-2019-0050; Product Identifier 2018-NE-35-AD; Amendment 39-19551; AD 2019-02-04]

RIN 2120-AA64

#### Airworthiness Directives; Engine Alliance Turbofan Engines

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

**ACTION:** Final rule; request for comments.

**SUMMARY:** We are superseding Airworthiness Directive (AD) 2018-22-05, which applied to Engine Alliance (EA) GP7270, GP7272, and GP7277 turbofan engines with a certain high-pressure turbine (HPT) case installed. AD 2018-22-05 required removal of affected HPT stator cases (HPT cases) from service and their replacement with a part eligible for installation. This AD retains these requirements, reduces the compliance times for the removal and replacement of certain HPT cases, and identifies additional affected parts that must be removed and replaced. This AD was prompted by the discovery of a quality escape at a manufacturing facility involving unapproved welds on HPT cases. Subsequent additional findings suggested the need for an updated risk analysis, resulting in reduced compliance times for those parts and the identification of additional affected parts. We are issuing this AD to address the unsafe condition on these products.

**DATES:** This AD is effective February 25, 2019.

The Director of the Federal Register approved the incorporation by reference of a certain publication listed in this AD as of February 25, 2019.

The Director of the Federal Register approved the incorporation by reference of certain other publications listed in this AD as of November 23, 2018 (83 FR 55816, November 8, 2018).

We must receive any comments on this AD by March 25, 2019.

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

For service information identified in this final rule, contact Engine Alliance, 411 Silver Lane, East Hartford, CT 06118; phone: 800-565-0140; email: [help24@pw.utc.com](mailto:help24@pw.utc.com); website: [www.engineallianceportal.com](http://www.engineallianceportal.com). You may view this service information at the FAA, Engine and Propeller Standards Branch, 1200 District Avenue, Burlington, MA 01803. For information on the availability of this material at the FAA, call 781-238-7759. It is also available on the internet at <http://www.regulations.gov> by searching for and locating Docket No. FAA-2019-0050.

#### Examining the AD Docket

You may examine the AD docket on the internet at <http://www.regulations.gov> by searching for and locating Docket No. FAA-2019-0050; 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 final rule, the regulatory evaluation, any comments received, and other information. The street address for Docket Operations (phone: 800-647-5527) is in the **ADDRESSES** section. Comments will be available in the AD docket shortly after receipt.

**FOR FURTHER INFORMATION CONTACT:** Matthew Smith, Aerospace Engineer, ECO Branch, FAA, 1200 District Avenue, Burlington, MA 01803; phone: 781-238-7735; fax: 781-238-7199; email: [matthew.c.smith@faa.gov](mailto:matthew.c.smith@faa.gov).

#### SUPPLEMENTARY INFORMATION:

##### Discussion

We issued AD 2018-22-05, Amendment 39-19478 (83 FR 55816, November 8, 2018) (“AD 2018-22-05”), for EA GP7270, GP7272, and GP7277 turbofan engines with a certain HPT case installed. AD 2018-22-05 required removal of affected HPT cases from service and their replacement with a part eligible for installation. AD 2018-22-05 was prompted by the discovery of a quality escape at a manufacturing

facility involving unapproved welds on HPT cases. We issued AD 2018-22-05 to address failure of the HPT case, which could result in engine fire and damage to the airplane.

#### Actions Since AD 2018-22-05 Was Issued

Since we issued AD 2018-22-05, another undocumented weld has been found on a part that was previously considered to have enough manufacturing data to perform an updated life analysis. The new findings created more uncertainty about the manufacturing data, creating the need for an updated risk analysis with the new information. As a result, we have determined that the remaining cycles allowed on the affected HPT cases must be reduced and additional affected parts were identified that must be removed and replaced.

#### Related Service Information Under 14 CFR Part 51

We reviewed Engine Alliance Alert Service Bulletin EAGP7-A72-401, Revision No. 1, dated December 13, 2018, which describes procedures for removing and replacing the affected HPT case within the identified cycles.

We also reviewed Engine Alliance Service Bulletin EAGP7-72-399, dated June 4, 2018, which describes procedures for removing and replacing the affected HPT case within the specified part cycles since new or part cycles since overhaul.

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

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 the same type design.

#### AD Requirements

This AD requires removal of the affected HPT cases from service and their replacement with a part eligible for installation.

#### FAA’s Justification and Determination of the Effective Date

An unsafe condition exists that requires the immediate adoption of this AD without providing an opportunity for public comments prior to adoption. The FAA has found that the risk to the flying public justifies waiving notice and comment prior to adoption of this rule because failure of the HPT case