

disaster. Only those survivors located in the declared disaster area are eligible to apply for SBA disaster loans. When the President declares a major disaster, the Federal Emergency Management Agency defines the disaster area. In major disasters, economic injury disaster loans and IDAP loans may be made for survivors in contiguous counties or other political subdivisions, provided, however that with respect to major disasters which authorize public assistance only, SBA shall not make economic injury disaster or IDAP loans in counties contiguous to the disaster area. Except for rural disaster declarations (as defined in § 123.3), disaster declarations issued by SBA include contiguous counties for both physical, economic injury and, in some cases IDAP assistance. Rural disaster declarations do not include assistance for contiguous counties. Contiguous counties or other political subdivisions are those land areas which abut the land area of the declared disaster area without geographic separation other than by a minor body of water, not to exceed five miles between the land areas of such counties. The individual islands of geographically isolated island chains, including Hawai'i, the U.S. Virgin Islands, and the Commonwealth of the Northern Mariana Islands, are also designated as contiguous to each other. When SBA issues an economic injury disaster declaration in response to a determination of an emergency involving Federal primary responsibility by the President, the disaster area shall include each State or subdivision thereof (including counties) included in the President's emergency determination.

■ 5. Revise § 123.503 to read as follows:

§ 123.503 When can you apply for a Military Reservist EIDL?

Your small business can apply for a Military Reservist EIDL any time beginning on the date the essential employee receives notice of expected call-up and ending one year after the date the essential employee is discharged or released from active service. The Associate Administrator for the Office of Disaster Recovery and Resilience (AA/ODR&R) or designee may extend the one-year limit by no more than one additional year after finding extraordinary or unforeseeable circumstances.

Isabella Casillas Guzman,
Administrator.

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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 33

[Docket No. FAA-2024-2164; Special Conditions No. 33-025-SC]

Special Conditions: Pratt and Whitney Canada Model PW220A Engine; 30-Minute All Engine Operating Power Rating

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final special conditions; request for comments.

SUMMARY: These special conditions are issued for the Pratt and Whitney Canada (P&WC) Model PW220A engine. This engine will have a novel or unusual design feature when compared to the state of technology envisioned in the airworthiness standards for aircraft engines. This design feature is a 30-minute all engine operating (AEO) power rating. This rating will be used for hovering at increased power for search and rescue missions. The applicable airworthiness regulations do not contain adequate or appropriate safety standards for this design feature. These special conditions contain the additional safety standards that the Administrator considers necessary to establish a level of safety equivalent to that established by the existing airworthiness standards.

DATES: This action is effective on P&WC on November 20, 2024. Send comments on or before January 6, 2025.

ADDRESSES: Send comments identified by Docket No. FAA-2024-2164 using any of the following methods:

- *Federal eRegulations Portal:* Go to www.regulations.gov and follow the online instructions for sending your comments electronically.
- *Mail:* Send comments to Docket Operations, M-30, U.S. Department of Transportation (DOT), 1200 New Jersey Avenue SE, Room W12-140, West Building Ground Floor, Washington, DC 20590-0001.
- *Hand Delivery or Courier:* Take comments to Docket Operations in Room W12-140 of the West Building Ground Floor at 1200 New Jersey Avenue SE, Washington, DC, between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays.
- *Fax:* Fax comments to Docket Operations at 202-493-2251.

Docket: Background documents or comments received may be read at www.regulations.gov at any time. Follow the online instructions for accessing the docket or go to Docket

Operations in Room W12-140 of the West Building Ground Floor at 1200 New Jersey Avenue SE, Washington, DC, between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays.

FOR FURTHER INFORMATION CONTACT:

Alberto Hernandez, Engine and Propulsion Section, AIR-625, Technical Policy Branch, Policy and Standards Division, Aircraft Certification Service, Federal Aviation Administration, 107 Charles W. Grant Parkway, Atlanta, GA 30354; telephone (781) 238-7329; email alberto.j.hernandez@faa.gov.

SUPPLEMENTARY INFORMATION: The substance of these special conditions has been published in the **Federal Register** for public comment in several prior instances with no substantive comments received. Therefore, the FAA finds, pursuant to title 14, Code of Federal Regulations (14 CFR) 11.38(b), that new comments are unlikely, and notice and comment prior to this publication are unnecessary.

Privacy

Except for Confidential Business Information (CBI) as described in the following paragraph, and other information as described in § 11.35, the FAA will post all comments received without change to www.regulations.gov, including any personal information you provide. The FAA will also post a report summarizing each substantive verbal contact received about these special conditions.

Confidential Business Information

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 these special conditions contain commercial or financial information that is customarily treated as private, that you actually treat as private, and that is relevant or responsive to these special conditions, 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 the indicated comments will not be placed in the public docket of these special conditions. Send submissions containing CBI to the individual listed in the For Further Information Contact section above. Comments the FAA receives, which are not specifically designated as CBI, will be placed in the

public docket for these special conditions.

Comments Invited

The FAA invites interested people to take part in this rulemaking by sending written comments, data, or views. The most helpful comments reference a specific portion of the special conditions, explain the reason for any recommended change, and include supporting data.

The FAA will consider all comments received by the closing date for comments. The FAA may change these special conditions based on the comments received.

Background

On November 16, 2021, P&WC applied for a type certificate for its new Model PW220A engine. The Model PW220A engine is a new centerline free-turbine turboshaft engine design intended to be used on transport category twin-engine helicopters. The engine architecture is a split compression system that incorporates the latest generation design methodology of a high-pressure ratio compressor, providing significant improvements in specific fuel consumption (SFC) and power.

A single low pressure compressor (LPC) is driven by a two-stage uncooled power turbine, which also provides mechanical power through an output shaft to the helicopter rotor system. The high pressure compressor (HPC) is a two-stage compressor system driven by a single-stage cooled high pressure turbine (HPT).

Type Certification Basis

Under the provisions of 14 CFR 21.17, P&WC must show that the Model PW220A engine meets the applicable provisions of part 33, dated February 1, 1965, as amended by amendments 33-1 through 33-34.

If the Administrator finds that the applicable airworthiness regulations (*e.g.*, 14 CFR part 33) do not contain adequate or appropriate safety standards for the P&WC Model PW220A engine because of a novel or unusual design feature, special conditions are prescribed under the provisions of § 21.16.

Special conditions are initially applicable to the model for which they are issued. Should the type certificate for that model be amended later to include any other model that incorporates the same novel or unusual design feature, these special conditions would also apply to the other model under § 21.101.

The FAA issues special conditions, as defined in § 11.19, in accordance with § 11.38, and they become part of the type certification basis under § 21.17(a)(2).

Novel or Unusual Design Feature

The P&WC Model PW220A engine will incorporate the following novel or unusual design feature:

A 30-minute all engine operating (AEO) power rating.

Discussion

The type certification basis for the Model PW220A engine does not contain adequate or appropriate airworthiness standards to address a 30-minute AEO power rating. Therefore, special conditions are necessary to provide additional requirements for rating definition, instructions for continued airworthiness (ICA), and endurance testing.

The 30-minute time limit applies to each instance the rating is used; however, there is no limit to the number of times the rating can be used during any one flight, and there is no cumulative time limitation. The ICA requirement in these special conditions is intended to address the unknown nature of actual usage of the 30-minute AEO power rating and any associated engine deterioration. The applicant is expected to make an assessment of the expected usage and publish ICA's and airworthiness limitations section (ALS) limits in accordance with those assumptions, such that engine deterioration is not excessive. The endurance test requirement of 25 hours of operation at a 30-minute AEO rating is similar to several special conditions issued over the past 20 years addressing the same subject. Because the PWC Model PW220A turboshaft engine has a continuous one engine inoperative (OEI) rating and limits equal to or higher than the 30-minute AEO rating, the test time performed at the continuous OEI rating may be credited toward the 25-hour requirement. However, test time spent at other rating elements of the § 33.87 endurance test, such as takeoff or other OEI ratings (that may be equal to or higher values), may not be counted toward the 25 hours of required running. These special conditions contain the additional safety standards that the Administrator considers necessary to establish a level of safety equivalent to that established by the existing airworthiness standards.

Applicability

As discussed above, these special conditions are applicable to the P&WC Model PW220A engine. Should P&C

apply at a later date for a change to the type certificate to include another model incorporating the same novel or unusual design feature, these special conditions would apply to that model as well.

Conclusion

This action affects only a certain novel or unusual design feature on one engine model. It is not a rule of general applicability.

List of Subjects in 14 CFR Part 33

Aircraft, Aviation safety, Reporting and recordkeeping requirements.

Authority Citation

The authority citation for these special conditions is as follows:

Authority: 49 U.S.C. 106(f), 106(g), 40113, 44701, 44702, and 44704.

The Special Conditions

Accordingly, pursuant to the authority delegated to me by the Administrator, the following special conditions are issued as part of the type certification basis for the Pratt and Whitney Canada Model PW220A engine.

In addition to the general definitions in 14 CFR 1.1, the following definition applies to these special conditions: "Rated 30-Minute All Engine Operating (AEO) Power," means the approved shaft horsepower developed under static conditions at the specified altitude and temperature, and within the operating limitations established under part 33, and limited in use to periods not exceeding 30-minutes each.

In addition to the airworthiness standards in part 33, the following special conditions apply:

(a) Sections 33.1 Applicability and 33.3 General: As applicable, all documentation, testing, and analysis required to comply with the part 33 certification basis, must account for the 30-minute AEO rating, limits, and usage.

(b) Section 33.4, Instructions for Continued Airworthiness (ICA). In addition to the requirements of § 33.4, the ICA must:

(1) Include instructions to ensure that in-service engine deterioration due to rated 30-minute AEO power usage will not be excessive, meaning that all other approved ratings are available within associated limits and assumed usage, for successive flights; and that deterioration will not exceed that assumed for declaring a time between overhaul (TBO) period.

(i) The applicant must validate the adequacy of the maintenance actions required under paragraph (b)(1) above.

(2) Include in the airworthiness limitations section (ALS), any mandatory inspections and serviceability limits related to the use of the 30-minute AEO rating.

(c) Section 33.87, Endurance Test. In addition to the requirements of §§ 33.87(a) and 33.87(d), the overall test run must include a minimum of 25 hours of operation at 30-minute AEO power and limits, divided into periods of 30-minute AEO power with alternate periods at maximum continuous power or less.

(1) Modification of the § 33.87 test requirements to include the 25 hours of operation at 30-minute AEO power rating must be proposed by the Applicant and accepted by the FAA.

(2) Each § 33.87(d) continuous one-engine-inoperative (OEI) rating test period of 30-minutes or longer, run at power and limits equal to or higher than the 30-minute AEO rating, may be credited toward this requirement. Note that the test time required for the takeoff or other OEI ratings may not be counted toward the 25 hours of operation required at the 30-minute AEO rating.

Issued in Seattle, Washington, on November 13, 2024.

Paul R. Siegmund,

Acting Manager, Technical Policy Branch, Policy and Standards Division, Aircraft Certification Service.

[FR Doc. 2024-27041 Filed 11-19-24; 8:45 am]

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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. FAA-2024-2426; Project Identifier MCAI-2024-00625-T; Amendment 39-22886; AD 2024-23-07]

RIN 2120-AA64

Airworthiness Directives; Embraer S.A. Airplanes

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final rule; request for comments.

SUMMARY: The FAA is adopting a new airworthiness directive (AD) for certain Embraer S.A. Model EMB-545 and EMB-550 airplanes. This AD was prompted by reports of corrosion, damage, and rupture on the down lock spring assemblies of the main landing gear (MLG) and nose landing gear (NLG). This AD requires inspecting for affected MLG and NLG down lock springs and replacing affected down

lock springs, and prohibits the installation of affected parts, as specified in an Agência Nacional de Aviação Civil (ANAC) AD, which is incorporated by reference. The FAA is issuing this AD to address the unsafe condition on these products.

DATES: This AD is effective November 20, 2024.

The Director of the Federal Register approved the incorporation by reference of a certain publication listed in this AD as of November 20, 2024.

The FAA must receive comments on this AD by January 6, 2025.

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](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 above between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays.

AD Docket: You may examine the AD docket at [regulations.gov](https://www.regulations.gov) under Docket No. FAA-2024-2426; 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 mandatory continuing airworthiness information (MCAI), any comments received, and other information. The street address for Docket Operations is listed above.

Material Incorporated by Reference:

- For ANAC material identified in this AD, contact National Civil Aviation Agency (ANAC), Aeronautical Products Certification Branch (GGCP), Rua Dr. Orlando Feirabend Filho, 230—Centro Empresarial Aquarius—Torre B—Andares 14 a 18, Parque Residencial Aquarius, CEP 12.246-190—São José dos Campos—SP, Brazil; telephone 55 (12) 3203-6600; email pac@anac.gov.br; website anac.gov.br/en/. You may find this material on the ANAC website at sistemas.anac.gov.br/certificacao/DA/DAE.asp.

- You may view this material 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. It is also available at [regulations.gov](https://www.regulations.gov) under Docket No. FAA-2024-2426.

FOR FURTHER INFORMATION CONTACT: Hassan Ibrahim, Aviation Safety

Engineer, FAA, 1600 Stewart Avenue, Suite 410, Westbury, NY 11590; telephone 206-231-3653; email Hassan.M.Ibrahim@faa.gov.

SUPPLEMENTARY INFORMATION:

Comments Invited

The FAA invites 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 “Docket No. FAA-2024-2426; Project Identifier MCAI-2024-00625-T” at the beginning of your comments. The most helpful comments reference a specific portion of the final rule, 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 final rule 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](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 final rule.

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Background

ANAC, which is the aviation authority for Brazil, has issued ANAC Emergency AD 2024-10-02, effective October 21, 2024 (ANAC Emergency AD