

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

[Docket No. 2002–NM–293–AD; Amendment 39–12994; AD 2002–26–06]

RIN 2120–AA64

**Airworthiness Directives; Dornier Model 328–300 Series Airplanes**

AGENCY: Federal Aviation Administration, (DOT).

ACTION: Final rule; request for comments.

**SUMMARY:** This amendment adopts a new airworthiness directive (AD) that is applicable to all Dornier Model 328–300 series airplanes. This action requires revising the Airplane Flight Manual to incorporate revised performance data for certain operations. This action is necessary to prevent operation in weight/altitude/temperature conditions that exceed the performance capabilities of the airplane, which could result in impact with terrain during engine out performance-limited operations. This action is intended to address the identified unsafe condition.

**DATES:** Effective January 17, 2003.

The incorporation by reference of certain publications listed in the regulations is approved by the Director of the Federal Register as of January 17, 2003.

Comments for inclusion in the Rules Docket must be received on or before February 3, 2003.

**ADDRESSES:** Submit comments in triplicate to the Federal Aviation Administration (FAA), Transport Airplane Directorate, ANM–114, Attention: Rules Docket No. 2002–NM–293–AD, 1601 Lind Avenue, SW., Renton, Washington 98055–4056. Comments may be inspected at this location between 9 a.m. and 3 p.m., Monday through Friday, except Federal holidays. Comments may be submitted via fax to (425) 227–1232. Comments may also be sent via the Internet using the following address: [9-anm-iacomment@faa.gov](mailto:9-anm-iacomment@faa.gov). Comments sent via fax or the Internet must contain “Docket No. 2002–NM–293–AD” in the subject line and need not be submitted in triplicate. Comments sent via the Internet as attached electronic files must be formatted in Microsoft Word 97 for Windows or ASCII text.

The service information referenced in this AD may be obtained from Fairchild Dornier, Dornier Luftfahrt GmbH, PO Box 1103, D–82230 Wessling, Germany. This information may be examined at the FAA, Transport Airplane Directorate, 1601 Lind Avenue, SW.,

Renton, Washington; or at the *Office of the Federal Register*, 800 North Capitol Street, NW., suite 700, Washington, DC.

**FOR FURTHER INFORMATION CONTACT:** Tom Groves, Aerospace Engineer, International Branch, ANM–116, FAA, Transport Airplane Directorate, 1601 Lind Avenue, SW., Renton, Washington 98055–4056; telephone (425) 227–1503; fax (425) 227–1149.

**SUPPLEMENTARY INFORMATION:** The Luftfahrt-Bundesamt (LBA), which is the airworthiness authority for Germany, recently notified the FAA that an unsafe condition may exist on all Dornier Model 328–300 series airplanes. The LBA advises that the engine performance data has been revised by the engine manufacturer, Pratt & Whitney Canada. The engine thrust has been reduced for certain operations at pressure altitudes in excess of 5,000 feet. Operation in conditions that exceed the performance capabilities of the airplane, if not corrected, could result in impact with terrain during engine out performance-limited operations.

**Explanation of Relevant Service Information**

The manufacturer has issued Dornier 328 J All Operators Telefax (AOT) AOT–328J–00–006, dated October 1, 2002, which describes procedures for revising the Performance Section of the Airplane Flight Manual (AFM) to incorporate revised performance data for certain operations. The LBA classified the AOT as mandatory and issued German airworthiness directive 2002–355, dated November 14, 2002, in order to assure the continued airworthiness of these airplanes in Germany.

**FAA’s Conclusions**

This airplane model is manufactured in Germany and is type certificated for operation in the United States under the provisions of section 21.29 of the Federal Aviation Regulations (14 CFR 21.29) and the applicable bilateral airworthiness agreement. Pursuant to this bilateral airworthiness agreement, the LBA has kept the FAA informed of the situation described above. The FAA has examined the findings of the LBA, reviewed all available information, and determined that AD action is necessary for products of this type design that are certificated for operation in the United States.

**Explanation of Requirements of Rule**

Since an unsafe condition has been identified that is likely to exist or develop on other airplanes of the same type design registered in the United States, this AD is being issued to prevent operation in weight/altitude/

temperature conditions that exceed the performance capabilities of the airplane, which could result in impact with terrain during engine out performance-limited operations. This AD requires revising the Performance Section of the AFM to incorporate revised performance data for certain operations.

**Determination of Rule’s Effective Date**

Since a situation exists that requires the immediate adoption of this regulation, it is found that notice and opportunity for prior public comment hereon are impracticable, and that good cause exists for making this amendment effective in less than 30 days.

**Comments Invited**

Although this action is in the form of a final rule that involves requirements affecting flight safety and, thus, was not preceded by notice and an opportunity for public comment, comments are invited on this rule. Interested persons are invited to comment on this rule by submitting such written data, views, or arguments as they may desire. Communications shall identify the Rules Docket number and be submitted in triplicate to the address specified under the caption **ADDRESSES**. All communications received on or before the closing date for comments will be considered, and this rule may be amended in light of the comments received. Factual information that supports the commenter’s ideas and suggestions is extremely helpful in evaluating the effectiveness of the AD action and determining whether additional rulemaking action would be needed.

Submit comments using the following format:

[bull] Organize comments issue-by-issue. For example, discuss a request to change the compliance time and a request to change the service bulletin reference as two separate issues.

[bull] For each issue, state what specific change to the AD is being requested.

[bull] Include justification (e.g., reasons or data) for each request.

Comments are specifically invited on the overall regulatory, economic, environmental, and energy aspects of the rule that might suggest a need to modify the rule. All comments submitted will be available, both before and after the closing date for comments, in the Rules Docket for examination by interested persons. A report that summarizes each FAA-public contact concerned with the substance of this AD will be filed in the Rules Docket.

Commenters wishing the FAA to acknowledge receipt of their comments submitted in response to this rule must submit a self-addressed, stamped postcard on which the following statement is made: "Comments to Docket Number 2002-NM-293-AD." The postcard will be date stamped and returned to the commenter.

### Regulatory Impact

The regulations adopted herein 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. Therefore, it is determined that this final rule does not have federalism implications under Executive Order 13132.

The FAA has determined that this regulation is an emergency regulation that must be issued immediately to correct an unsafe condition in aircraft, and that it is not a "significant regulatory action" under Executive Order 12866. It has been determined further that this action involves an emergency regulation under DOT Regulatory Policies and Procedures (44 FR 11034, February 26, 1979). If it is determined that this emergency regulation otherwise would be significant under DOT Regulatory Policies and Procedures, a final regulatory evaluation will be prepared and placed in the Rules Docket. A copy of it, if filed, may be obtained from the Rules Docket at the location provided under the caption **ADDRESSES**.

### List of Subjects in 14 CFR Part 39

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

### Adoption of the Amendment

Accordingly, pursuant to the authority delegated to me by the Administrator, the Federal Aviation Administration amends part 39 of the Federal Aviation Regulations (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. Section 39.13 is amended by adding the following new airworthiness directive:

#### 2002-26-06 Dornier Luftfahrt GMBH:

Amendment 39-12994. Docket 2002-NM-293-AD.

**Applicability:** All Model 328-300 series airplanes, certificated in any category.

**Compliance:** Required as indicated, unless accomplished previously.

To prevent operation in weight/altitude/temperature conditions that exceed the performance capabilities of the airplane, which could result in impact with terrain during engine out performance-limited operations; accomplish the following:

#### Airplane Flight Manual Revision

(a) Within 7 days after the effective date of this AD: Revise the Performance Section of the Dornier 328-300 Airplane Flight Manual (AFM) to incorporate revised performance data for certain operations; as specified in Dornier 328 J All Operators Telefax (AOT) AOT-328J-00-006, dated October 1, 2002. This may be accomplished by inserting a copy of the AOT into the AFM.

(b) The AOT may be removed from the AFM when the revised performance data in the AOT specified in paragraph (a) of this AD has been incorporated into a general revision of the AFM.

#### Alternative Methods of Compliance

(c) An alternative method of compliance or adjustment of the compliance time that provides an acceptable level of safety may be used if approved by the Manager, International Branch, ANM-116, Transport Airplane Directorate, FAA. Operators shall submit their requests through an appropriate FAA Principal Operations Inspector, who may add comments and then send it to the Manager, International Branch, ANM-116.

**Note 1:** Information concerning the existence of approved alternative methods of compliance with this AD, if any, may be obtained from the International Branch, ANM-116.

#### Special Flight Permits

(d) Special flight permits may be issued in accordance with sections 21.197 and 21.199 of the Federal Aviation Regulations (14 CFR 21.197 and 21.199) to operate the airplane to a location where the requirements of this AD can be accomplished.

#### Incorporation by Reference

(e) The AFM revision required by paragraph (a) of this AD shall be done in accordance with Dornier 328 J All Operators Telefax AOT-328J-00-006, dated October 1, 2002. This incorporation by reference was approved by the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Copies may be obtained from Fairchild Dornier, Dornier Luftfahrt GmbH, PO Box 1103, D-82230 Wessling, Germany. Copies may be inspected at the FAA, Transport Airplane Directorate, 1601 Lind Avenue, SW., Renton, Washington; or at the *Office of the Federal Register*, 800 North Capitol Street, NW., suite 700, Washington, DC.

**Note 2:** The subject of this AD is addressed in German airworthiness directive 2002-355, dated November 14, 2002.

#### Effective Date

(f) This amendment becomes effective on January 17, 2003.

Issued in Renton, Washington, on December 23, 2002.

**Vi L. Lipski,**

*Manager, Transport Airplane Directorate, Aircraft Certification Service.*

[FR Doc. 02-32879 Filed 12-31-02; 8:45 am]

**BILLING CODE 4910-13-U**

## DEPARTMENT OF TRANSPORTATION

### Federal Aviation Administration

#### 14 CFR Part 39

[Docket No. 97-ANE-44-AD; Amendment 39-12989; AD 2000-16-02R1]

**RIN 2120-AA64**

### Airworthiness Directives; Pratt & Whitney PW4164, PW4168, and PW4168A Series Turbofan Engines

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

**ACTION:** Final rule.

**SUMMARY:** This amendment revises an existing airworthiness directive (AD), that is applicable to Pratt & Whitney PW4164, PW4168, and PW4168A series turbofan engines. That AD currently requires initial and repetitive torque checks for loose or broken front pylon mount bolts made from INCO 718 material and MP159 material. That AD also requires initial and repetitive visual inspections of the primary mount thrust load path. This amendment requires extension of the cycles accumulated before performing the initial inspection, reduces the frequency of repetitive inspections for MP159 material bolts, and adds a terminating action to the primary mount thrust load path inspections by introducing a new increased durability forward engine mount bearing housing. This amendment is prompted by component testing to assess the low cycle fatigue (LCF) life of the MP159 material bolts and the development of a new design forward engine mount bearing housing that meets the 8,000 flight cycle design intent for inspection. The actions specified by this AD are intended to prevent front pylon mount bolt and primary mount thrust load path failure, which could result in an engine separating from the airplane.

**DATES:** Effective February 6, 2003. The incorporation by reference of certain publications listed in the regulations is approved by the Director of the Federal Register as of February 6, 2003. The incorporation by reference of certain other publications, as listed in the regulations, was approved previously by the Director of the Federal Register as of