

List of Subjects in 14 CFR Part 39

Air transportation, Aircraft, Aviation safety, Safety.

The Proposed Amendment

Accordingly, pursuant to the authority delegated to me by the Administrator, the Federal Aviation Administration proposes to amend part 39 of the Federal Aviation Regulations (14 CFR part 39) as follows:

PART 39—AIRWORTHINESS DIRECTIVES

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:

Dornier Luftfahrt GMBH: Docket 2000–NM–339-AD.

Applicability: Model 328–300 series airplanes, certificated in any category, serial numbers 3105 through 3144 inclusive, 3146, 3148, 3151 through 3154 inclusive, 3158, and 3159.

Note 1: This AD applies to each airplane identified in the preceding applicability provision, regardless of whether it has been modified, altered, or repaired in the area subject to the requirements of this AD. For airplanes that have been modified, altered, or repaired so that the performance of the requirements of this AD is affected, the owner/operator must request approval for an alternative method of compliance in accordance with paragraph (c) of this AD. The request should include an assessment of the effect of the modification, alteration, or repair on the unsafe condition addressed by this AD; and, if the unsafe condition has not been eliminated, the request should include specific proposed actions to address it.

Compliance: Required as indicated, unless accomplished previously.

To prevent overheating of the brakes, which could result in cracked pistons and consequent leakage and burning of the hydraulic fluid, accomplish the following:

Brake Piston Replacement

(a) Within 7 weeks after the effective date of this AD, replace the left and right brake assemblies having part number (P/N) AHA2227–2 with modified brake assemblies having P/N AHA2227–3, in accordance with Dornier Service Bulletin SB–328J–32–029, Revision 1, dated August 4, 2000.

Note 2: Replacement of the brake assemblies prior to the effective date of this AD in accordance with Dornier Service Bulletin SB–328J–32–029, dated June 14,

2000, is also acceptable for compliance with the requirements of paragraph (a) of this AD.

Spares

(b) As of the effective date of this AD, no person may install a brake assembly having P/N AHA2227–2 on any airplane.

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 Maintenance Inspector, who may add comments and then send it to the Manager, International Branch, ANM–116.

Note 3: 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.

Note 4: The subject of this AD is addressed in German airworthiness directive 2000–288, dated September 21, 2000.

Issued in Renton, Washington, on April 30, 2001.

John W. McGraw,

Acting Manager, Transport Airplane Directorate, Aircraft Certification Service.
[FR Doc. 01–11225 Filed 5–3–01; 8:45 am]

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

[Docket No. 2000–NM–366–AD]

RIN 2120–AA64

Airworthiness Directives; Dornier Model 328–100 Series Airplanes

AGENCY: Federal Aviation Administration, DOT.

ACTION: Notice of proposed rulemaking (NPRM).

SUMMARY: This document proposes the superseding of an existing airworthiness directive (AD), applicable to all Dornier Model 328–100 series airplanes, that currently requires repetitive inspections of the left and right roll spoiler actuators

to check for signs of leakage and deformation of the housing, repetitive inspections of the gap between the left roll spoiler actuator housing cap and the actuator housing, repetitive torque checks of the left roll spoiler actuator housing cap attachment screws, and corrective action, if necessary. This action would require replacement of the double shuttle valves in the roll spoiler actuators with new improved valves. Accomplishment of the proposed replacement would constitute terminating action for the requirements of this AD. This proposal is prompted by issuance of mandatory continuing airworthiness information by a foreign civil airworthiness authority. The actions specified by the proposed AD are intended to prevent oil leakage from the roll spoiler actuators, which could result in incorrect roll spoiler operation and reduced controllability of the airplane.

DATES: Comments must be received by June 4, 2001.

ADDRESSES: Submit comments in triplicate to the Federal Aviation Administration (FAA), Transport Airplane Directorate, ANM–114, Attention: Rules Docket Number 2000–NM–366–AD, 1601 Lind Avenue, SW., Renton, Washington 98055–4056. Comments may be inspected at this location between 9:00 a.m. and 3:00 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-nprmcomment@faa.gov. Comments sent via fax or the Internet must contain “Docket No. 2000–NM–366–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 the proposed rule may be obtained from Fairchild Dornier, Dornier Luftfahrt GmbH, P.O. Box 1103, D–82230 Wessling, Germany. This information may be examined at the FAA, Transport Airplane Directorate, 1601 Lind Avenue, SW., Renton, Washington.

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:**Comments Invited**

Interested persons are invited to participate in the making of the proposed 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 above. All communications received on or before the closing date for comments, specified above, will be considered before taking action on the proposed rule. The proposals contained in this action may be changed in light of the comments received.

Submit comments using the following format:

- 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.
- For each issue, state what specific change to the proposed AD is being requested.
- 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 proposed 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 summarizing each FAA-public contact concerned with the substance of this proposal will be filed in the Rules Docket.

Commenters wishing the FAA to acknowledge receipt of their comments submitted in response to this action must submit a self-addressed, stamped postcard on which the following statement is made: "Comments to Docket Number 2000-NM-366-AD." The postcard will be date stamped and returned to the commenter.

Availability of NPRMs

Any person may obtain a copy of this NPRM by submitting a request to the FAA, Transport Airplane Directorate, ANM-114, Attention: Rules Docket Number 2000-NM-366-AD, 1601 Lind Avenue, SW., Renton, Washington 98055-4056.

Discussion

On October 22, 1999, the FAA issued AD 99-22-15, amendment 39-11393 (64 FR 59117, November 2, 1999), applicable to all Dornier Model 328-100 series airplanes, to require repetitive inspections of the left and right roll spoiler actuators to check for signs of leakage and deformation of the housing,

repetitive inspections of the gap between the left roll spoiler actuator housing cap and the actuator housing, repetitive torque checks of the left roll spoiler actuator housing cap attachment screws, and corrective action, if necessary. That action was prompted by issuance of mandatory continuing airworthiness information by a foreign civil airworthiness authority. The requirements of that AD are intended to prevent oil leakage from the roll spoiler actuators, which could result in incorrect roll spoiler operation and reduced controllability of the airplane.

Actions Since Issuance of Previous Rule

Since the issuance of that AD, the manufacturer has developed an improved double shuttle valve to replace the existing valves in the roll spoiler actuator, which have been subject to leakage. Replacement of the valves would terminate the need for repetitive inspections of the roll spoiler actuators for leaks.

Explanation of Relevant Service Information

The manufacturer has issued Dornier Service Bulletin SB-328-27-310, dated June 10, 2000, which describes procedures for replacement of the double shuttle valves with the new improved valves. Accomplishment of the actions specified in the service bulletin is intended to adequately address the identified unsafe condition. The Luftfahrt-Bundesamt (LBA), which is the airworthiness authority for Germany, classified this service bulletin as mandatory and issued German airworthiness directive 1998-479/3, dated October 5, 2000, 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 aviation safety agreement. Pursuant to the implementation procedures for airworthiness of this bilateral aviation safety 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 Proposed 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, the proposed AD would supersede AD 99-22-15 to continue to require repetitive inspections of the left and right roll spoiler actuators to check for signs of leakage and deformation of the housing, repetitive inspections of the gap between the left roll spoiler actuator housing cap and the actuator housing, repetitive torque checks of the left roll spoiler actuator housing cap attachment screws, and corrective action, if necessary. The proposed AD would add the requirement to replace the double shuttle valves in the roll spoiler actuators, which would terminate the repetitive inspections and checks. The actions would be required to be accomplished in accordance with the service bulletin described previously.

Cost Impact

There are approximately 50 airplanes of U.S. registry that would be affected by this proposed AD.

The repetitive inspections and checks that are currently required by AD 99-22-15 take approximately 3 work hours per airplane to accomplish, at an average labor rate of \$60 per work hour. Based on these figures, the cost impact of these inspections and checks on U.S. operators is estimated to be \$9,000, or \$180 per airplane, per inspection cycle.

The replacement that is proposed in this AD action would take approximately 1 work hour per airplane to accomplish, at an average labor rate of \$60 per work hour. Required parts would be provided at no charge to operators. Based on these figures, the cost impact of the proposed requirements of this AD on U.S. operators is estimated to be \$3,000, or \$60 per airplane.

The cost impact figures discussed above are based on assumptions that no operator has yet accomplished any of the current or proposed requirements of this AD action, and that no operator would accomplish those actions in the future if this AD were not adopted.

Regulatory Impact

The regulations proposed herein 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. Therefore, it is determined that this proposal

would not have federalism implications under Executive Order 13132.

For the reasons discussed above, I certify that this proposed regulation (1) Is not a "significant regulatory action" under Executive Order 12866; (2) is not a "significant rule" under the DOT Regulatory Policies and Procedures (44 FR 11034, February 26, 1979); and (3) if promulgated, 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. A copy of the draft regulatory evaluation prepared for this action is contained in the Rules Docket. A copy of it may be obtained by contacting the Rules Docket at the location provided under the caption **ADDRESSES**.

List of Subjects in 14 CFR Part 39

Air transportation, Aircraft, Aviation safety, Safety.

The Proposed Amendment

Accordingly, pursuant to the authority delegated to me by the Administrator, the Federal Aviation Administration proposes to amend 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 removing amendment 39-11393 (64 FR 59117, November 2, 1999), and by adding a new airworthiness directive (AD), to read as follows:

Dornier Luftfahrt GMBH: Docket 2000-NM-366-AD. Supersedes AD 99-22-15, Amendment 39-11393.

Applicability: All Model 328-100 series airplanes, certificated in any category.

Note 1: This AD applies to each airplane identified in the preceding applicability provision, regardless of whether it has been modified, altered, or repaired in the area subject to the requirements of this AD. For airplanes that have been modified, altered, or repaired so that the performance of the requirements of this AD is affected, the owner/operator must request approval for an alternative method of compliance in accordance with paragraph (f)(1) of this AD. The request should include an assessment of the effect of the modification, alteration, or repair on the unsafe condition addressed by this AD; and, if the unsafe condition has not been eliminated, the request should include specific proposed actions to address it.

Compliance: Required as indicated, unless accomplished previously.

To prevent oil leakage from the roll spoiler actuators, which could result in incorrect roll spoiler operation and reduced controllability of the airplane, accomplish the following:

Restatement of Requirements of AD 99-22-15

(a) Within 14 days after December 7, 1999 (the effective date of AD 99-22-15, amendment 39-11393), accomplish the requirements of paragraphs (a)(1) and (a)(2) of this AD on the left and right roll spoiler actuators, in accordance with Dornier Alert Service Bulletin ASB-328-27-025, Revision 1, dated September 22, 1999. Thereafter, repeat the inspections required by paragraphs (a)(1) and (a)(2) of this AD at intervals not to exceed 400 flight hours.

(1) Perform a detailed inspection to detect leakage of the area around the actuator cap and housing of the roll spoiler actuators. If leakage is found, prior to further flight, replace the actuator and the double shuttle valve with new or serviceable parts.

(2) Perform a detailed inspection to detect flatness of the surface of the cap of the roll spoiler actuators. If the cap surface is not flat, prior to further flight, replace the actuator and the double shuttle valve with new or serviceable parts.

Note 2: For the purposes of this AD, a detailed inspection is defined as: "An intensive visual examination of a specific structural area, system, installation, or assembly to detect damage, failure, or irregularity. Available lighting is normally supplemented with a direct source of good lighting at intensity deemed appropriate by the inspector. Inspection aids such as mirror, magnifying lenses, etc. may be used. Surface cleaning and elaborate access procedures may be required."

(b) Within 14 days after December 7, 1999, accomplish the requirements of paragraphs (b)(1) and (b)(2) of this AD on the left roll spoiler actuator, in accordance with Dornier Alert Service Bulletin ASB-328-27-025, Revision 1, dated September 22, 1999. Thereafter, repeat the inspections required by paragraphs (b)(1) and (b)(2) of this AD at intervals not to exceed 400 flight hours.

(1) Perform a detailed inspection to detect a gap between the cap of the roll spoiler actuator and the actuator housing. If any gap exists, prior to further flight, replace the actuator and the double shuttle valve with new or serviceable parts.

(2) Perform a torque check of the housing cap attachment screws. If the torque is within the limits specified by the alert service bulletin, prior to further flight, torque the screws to 17.7 lb-in, in accordance with the alert service bulletin. If the torque is outside the limits specified by the alert service bulletin, prior to further flight, replace the left roll spoiler actuator and double shuttle valve with new or serviceable parts, in accordance with the alert service bulletin.

(c) If any left roll spoiler actuator is replaced during any inspection required by paragraph (b)(1) or (b)(2) of this AD, prior to further flight, accomplish the requirements of paragraphs (b)(1) and (b)(2) for the right roll spoiler actuator.

Note 3: Accomplishment of the inspections required by paragraphs (a) and (b) of this AD

prior to the effective date of this AD, in accordance with Dornier Alert Service Bulletin ASB-328-27-025, dated October 16, 1998, is acceptable for compliance with the initial inspections required by those paragraphs.

New Actions Required By This AD

Replacement

(d) Within 90 days after the effective date of this AD: Replace the double shuttle valves with new improved double shuttle valves, in accordance with Dornier Service Bulletin SB-328-27-310, dated June 10, 2000. Accomplishment of this action constitutes terminating action for the requirements of this AD.

Spares

(e) As of the effective date of this AD, no person shall install a double shuttle valve having any of the following part numbers on any airplane:

ZCV 193
ZCV 193-1 Revision Letter J
ZCV 193 MOD
ZCV 193-1
ZCV 193-1 MOD
ZCV 193-2 MOD
ZCV 193-3
ZCV 193-4
ZCV 193-5

Alternative Methods of Compliance

(f)(1) 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 Maintenance Inspector, who may add comments and then send it to the Manager, International Branch, ANM-116.

(2) Alternative methods of compliance, approved previously in accordance with AD 99-22-15, amendment 39-11393, are approved as alternative methods of compliance with the requirements of paragraphs (a), (b) and (c) of this AD.

Note 4: 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

(g) 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.

Note 5: The subject of this AD is addressed in German airworthiness directive 1998-479/3, of which the effective date is October 5, 2000.

Issued in Renton, Washington, on April 30, 2001.

John W. McGraw,

Acting Manager, Transport Airplane Directorate, Aircraft Certification Service.

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