

Proposed Rules

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This section of the FEDERAL REGISTER contains notices to the public of the proposed issuance of rules and regulations. The purpose of these notices is to give interested persons an opportunity to participate in the rule making prior to the adoption of the final rules.

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. 2002–NM–267–AD]

RIN 2120–AA64

Airworthiness Directives; Dornier Model 328–300 Series Airplanes

AGENCY: Federal Aviation Administration, DOT.

ACTION: Notice of proposed rulemaking (NPRM).

SUMMARY: This document proposes the adoption of a new airworthiness directive (AD) that is applicable to certain Dornier Model 328–300 series airplanes. This proposal would require replacement of 3-switch and 4-switch overhead fire extinguisher control panels with new, improved panels. This action is necessary to prevent the inadvertent release of the fire switch pushbutton on the overhead fire extinguisher control panel with the switch guard closed, which could result in an uncommanded engine shutdown. This action is intended to address the identified unsafe condition.

DATES: Comments must be received by December 17, 2003.

ADDRESSES: Submit comments in triplicate to the Federal Aviation Administration (FAA), Transport Airplane Directorate, ANM–114, Attention: Rules Docket No. 2002 NM–267–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-nprmcomment@faa.gov. Comments sent via fax or the Internet must contain “Docket No. 2002–NM–267–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 or 2000 or ASCII text.

The service information referenced in the proposed rule may be obtained from AvCraft Aerospace 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: Dan Rodina, Aerospace Engineer, International Branch, ANM–116, FAA, Transport Airplane Directorate, 1601 Lind Avenue, SW., Renton, Washington 98055–4056; telephone (425) 227–2125; 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 2002–NM–267–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 No. 2002–NM–267–AD, 1601 Lind Avenue, SW., Renton, Washington 98055–4056.

Discussion

The Luftfahrt-Bundesamt (LBA), which is the airworthiness authority for Germany, notified the FAA that an unsafe condition may exist on certain Dornier Model 328–300 series airplanes. The LBA advises that the airplane manufacturer identified a design problem with the switch guard for the fire switch pushbutton on the overhead fire extinguisher control panel. The procedure that uses the switch guard to reset the fire switch pushbutton does not force the pushbutton into the locked position, and the spring force of the pushbutton works against the switch guard. A slight lifting of the switch guard during flight, due to g-forces, could cause the switch guard to open and inadvertently release the pushbutton, and activate the engine shutdown function. Such conditions could result in an uncommanded engine shutdown.

Explanation of Relevant Service Information

Dornier has issued Service Bulletins SB–328J–26–156 and SB–328J–26–161, both dated February 26, 2002, which describe procedures for replacing the 3-switch and 4-switch overhead fire extinguisher control panels with new, improved control panels; and operational testing of the newly installed control panels. The procedures described in the two service bulletins are similar. The serial numbers listed in the effectivity of each service bulletin are different because SB–328J–26–161 addresses airplanes with a 3-switch panel and SB–328J–26–156 addresses airplanes with a 4-switch panel. Accomplishment of the actions specified in the service bulletins is intended to adequately address the identified unsafe condition. Dornier Service Bulletin SB–328J–26–156 refers