

Document No.	Pages	Revision	Date
T53-L-703-A0092 Total pages: 7	1-7	Original	June 4, 1997.

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 AlliedSignal Aerospace, Attn: Data Distribution, M/S 64-3/2101-201, P.O. Box 29003, Phoenix, AZ 85038-9003; telephone (602) 365-2493, fax (602) 365-5577. Copies may be inspected at the FAA, New England Region, Office of the Assistant Chief Counsel, 12 New England Executive Park, Burlington, MA; or at the Office of the Federal Register, 800 North Capitol Street, NW., suite 700, Washington, DC.

(e) This amendment becomes effective on November 3, 1997.

Issued in Burlington, Massachusetts, on October 8, 1997.

Jay J. Pardee,

Manager, Engine and Propeller Directorate, Aircraft Certification Service.

[FR Doc. 97-27350 Filed 10-16-97; 8:45 am]

BILLING CODE 4910-13-U

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. 97-NM-220-AD; Amendment 39-10164; AD 97-21-11]

RIN 2120-AA64

Airworthiness Directives; Short Brothers Model SD3-30 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 Short Brothers Model SD3-30 series airplanes. This action requires a one-time inspection to measure the depth of the skin flutes of the skin panels of the rudder and elevators, and repair, if necessary. This amendment is prompted by reports indicating that, due to a manufacturing process error, the depth of certain skin flutes of the rudder and elevators is less than the design specification. The actions specified in this AD are intended to prevent structural damage and/or loss of the rudder or elevators if the airplane is operated under ultimate load conditions, which could result in reduced controllability of the airplane.

DATES: Effective November 3, 1997.

The incorporation by reference of certain publications listed in the regulations is approved by the Director of the Federal Register as of November 3, 1997.

Comments for inclusion in the Rules Docket must be received on or before November 17, 1997.

ADDRESSES: Submit comments in triplicate to the Federal Aviation Administration (FAA), Transport Airplane Directorate, ANM-103, Attention: Rules Docket No. 97-NM-220-AD, 1601 Lind Avenue, SW., Renton, Washington 98055-4056.

The service information referenced in this AD may be obtained from Short Brothers, Airworthiness & Engineering Quality, P.O. Box 241, Airport Road, Belfast BT3 9DZ, Northern Ireland. 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: Gary D. Lium, Aerospace Engineer, Standardization Branch, ANM-113, FAA, Transport Airplane Directorate, 1601 Lind Avenue, SW., Renton, Washington 98055-4056; telephone (425) 227-1112; fax (425) 227-1149.

SUPPLEMENTARY INFORMATION: The Civil Aviation Authority (CAA), which is the airworthiness authority for the United Kingdom, recently notified the FAA that an unsafe condition may exist on all Short Brothers Model SD3-30 series airplanes. The CAA advises of findings that the depth of the skin flutes of the port and starboard skin panels of the rudder and elevators is less than the appropriate depth specified by the design specification. The problem was noticed during the production of skin flutes for the SD3-60 SHERPA series airplanes, and it was noted that the same manufacturing process was used for Model SD3-30 series airplanes. (The manufacturer advises that all SD3-60 SHERPA series airplanes have been inspected, and that no unsafe condition exists with regard to the skin flutes on these airplanes; therefore, Model SD3-60 SHERPA series airplanes are not included in the applicability of this AD.) Such inadequate depth of the skin flutes, if not corrected, could result in structural damage and/or loss of the rudder or elevators if the airplane is operated under ultimate load

conditions, and consequent reduced controllability of the airplane.

Explanation of Relevant Service Information

The manufacturer has issued Service Bulletin SD330-55-19, dated February 11, 1997, which describes procedures for performing a one-time inspection to measure the depth of the skin flutes of the skin panels of the rudder and elevators, and repair, if necessary. The CAA classified this service bulletin as mandatory and issued British airworthiness directive 006-02-97 in order to assure the continued airworthiness of these airplanes in the United Kingdom.

FAA's Conclusions

This airplane model is manufactured in the United Kingdom 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 CAA has kept the FAA informed of the situation described above. The FAA has examined the findings of the CAA, 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 structural damage and/or loss of the rudder or elevators if the airplane is operated under ultimate load conditions, and consequent reduced controllability of the airplane. This AD requires a one-time inspection to measure the depth of the skin flutes of the skin panels of the rudder and elevators, and repair, if necessary. The inspection is required to be accomplished in accordance with the service bulletin described previously. The repair of any discrepant skin flute is required to be accomplished in accordance with a method approved by the FAA.

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.

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 97-NM-220-AD." The postcard will be date stamped and returned to the commenter.

Regulatory Impact

The regulations adopted herein will not have substantial direct effects 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, in accordance with Executive Order 12612, it is determined that this final rule does not have sufficient federalism

implications to warrant the preparation of a Federalism Assessment.

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:

97-21-11 Short Brothers, PLC: Amendment 39-10164. Docket 97-NM-220-AD.

Applicability: All Model SD3-30 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 otherwise modified, altered, or repaired in the area subject to the requirements of this AD. For airplanes that have been otherwise 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 (b) 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 structural damage and/or loss of the rudder or elevators if the airplane is operated under ultimate load conditions, and consequent reduced controllability of the airplane, accomplish the following:

(a) Within 90 days of the effective date of this AD, accomplish a one-time inspection to measure the depth of the skin flutes of the port and starboard skin panels of the rudder and elevators, in accordance with Short Brothers Service Bulletin SD330-55-19, dated February 11, 1997.

(1) If the depth of the skin flutes is within the limits specified in the service bulletin, no further action is required by this AD.

(2) If the depth of the skin flutes is beyond the limits specified in the service bulletin, prior to further flight, repair it in accordance with a method approved by the Manager, Standardization Branch, ANM-113, FAA, Transport Airplane Directorate.

(b) 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, Standardization Branch, ANM-113. Operators shall submit their requests through an appropriate FAA Principal Maintenance Inspector, who may add comments and then send it to the Manager, Standardization Branch, ANM-113.

Note 2: Information concerning the existence of approved alternative methods of compliance with this AD, if any, may be obtained from the Standardization Branch, ANM-113.

(c) 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.

(d) The inspection shall be done in accordance with Short Brothers Service Bulletin SD330-55-19, dated February 11, 1997. 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 Short Brothers, Airworthiness & Engineering Quality, P.O. Box 241, Airport Road, Belfast BT3 9DZ, Northern Ireland. 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.

(e) This amendment becomes effective on November 3, 1997.

Issued in Renton, Washington, on October 9, 1997.

James V. Devany,

Acting Manager, Transport Airplane Directorate, Aircraft Certification Service.

[FR Doc. 97-27355 Filed 10-16-97; 8:45 am]

BILLING CODE 4910-13-P