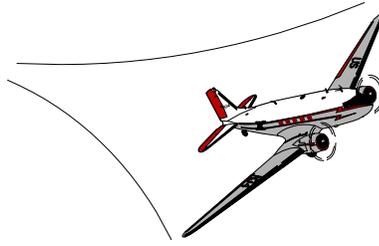


SPECIAL AIRWORTHINESS INFORMATION BULLETIN

Aircraft Certification Service
Washington, DC



U.S. Department
of Transportation

**Federal Aviation
Administration**

No. CE-04-17
November 14, 2003

www.faa.gov - Search "SAIBs"

This is information only. Recommendations aren't mandatory.

Introduction

This Special Airworthiness Information Bulletin advises you, owners and operators of **DORNIER model 228 series airplanes**, of issuance of maintenance materials related to Airworthiness Directive (AD) 2001-21-01.

Background

We issued AD 2001-21-01 on October 19, 2001, requiring the implementation of the provisions of DORNIER Service Bulletin SB-228-234 and repairs, if structural cracks were found as a result of the service bulletin inspections. **DORNIER has now issued relevant service information in the form of maintenance manual revisions.**

Recommendations

We won't supersede AD 2001-21-01 until DORNIER issues service information requiring terminating action. The Small Airplane Directorate has approved the service information as an alternate method of compliance (AMOC) to DORNIER SB SB-228-234. We have attached a copy of the AMOC approval and Germany's AD 2001-045/2 for your use.

For Further Information Contact

Karl M. Schletzbaum, Aerospace Engineer, FAA Project Support Branch (ACE-112), Small Airplane Directorate, 901 Locust Street, Room 301, Kansas City, Missouri 64106; telephone: (816) 329-4146; fax: (816) 329-4090; email: karl.schletzbaum@faa.gov.

You Can Get The Service Information From

RUAG Aerospace Services GmbH, Airworthiness Office, Airport Oberpfaffenhofen, P.O. Box 1253, 82231 Wessling, Germany; phone: 011-49 8153 30 4500; fax: 011-49 8153 30 4133; website: www.ruag.com



U.S. Department
of Transportation

**Federal Aviation
Administration**

Memorandum

Subject: **INFORMATION:** Alternative Method of Compliance
(AMOC) for AD 2001-21-01

Date: **OCT 23 2003**

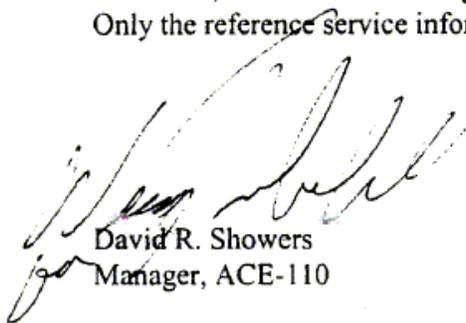
From: Manager, Standards Office, ACE-110

Reply to: Karl Schletzbaum
Attn. of: 816-329-4146

To: Docket 2001-CE-19-AD

The Small Airplane Directorate issued Airworthiness Directive (AD) 2001-21-01 on October 9, 2001. This AD applied to Dornier Luftfahrt GmbH (Dornier) models 228-100, 228-101, 228-200, 228-201, 228-202 and 228-212 airplanes. The manufacturer subsequently issued maintenance manual temporary revisions numbers TR 55-6 and TR 05-88, dated April 22, 2003, which gave more descriptive instructions for the mandated inspection. The aviation authority of Germany, the Luftfahrt-Bundesamt revised its AD 2001-045 to revision 2001-045/2 (attached) to include this service information. Utilization of the maintenance materials, (attached) per the instructions of the German AD is approved as an AMOC for AD 2001-21-01.

However, the provisions of AD 2001-21-01 that require the **repair or replacement of affected structure**, rather the continuing inspection, remain in force, as do the reporting requirements. Only the reference service information had changed.



David R. Showers
Manager, ACE-110

cc: ACE-7, Docket Clerk, Docket 2001-CE-19-AD



**Airworthiness
Directive
2001-045/2**

Luftfahrt-Bundesamt
Airworthiness Directive Section
Hermann-Blenk-Str. 26
38108 Braunschweig
Federal Republic of Germany

Dornier

Effective Date: July 24, 2003

Affected:

Kind of aeronautical product: Airplane
Manufacturer: Dornier, Wessling, Germany
Type: Dornier Do 28 D-6, Dornier 228-101 and Dornier 228
Models affected: Dornier 228-100 and -101
Serial numbers affected: S/N 7003 up to 7116, 7167 and 7168
Dornier 228-200, -201, -202 and -212
S/N 8002 and up
German Type Certificate No.: 2031a, 2031 b and 2031 c

Subject:

Horizontal Stabilizer Leading Edge and Ribs – Inspection for cracks

Reason:

Horizontal tail, skin and ribs of the horizontal stabilizer, ATA- Code 55-10-00, - cracking around the riveted joints of the horizontal stabilizer skin and ribs caused by corrosion and material fatigue - this defect may cause extensive detachment of the horizontal stabilizer skin in flight, leading to a loss of aircraft controllability.

Action:

Within the framework of this AD, the following actions are to be accomplished:

1. Visual inspection of the components concerned for signs of cracks and detachment of parts of the skin.
2. Repetition of this inspection at fixed intervals.
3. Repair of the components concerned, if during the inspections damage beyond allowable limits has been found.
4. Reporting of the inspection results to:

Luftfahrt-Bundesamt, Division M2, P.O. Box 3054, D-38020 Braunschweig, Fax: ++49 (0) 531 2355-721

All necessary actions are to be accomplished in accordance with Airplane Maintenance Manual.

Compliance:

The actions have to be accomplished as noted in the Airplane Maintenance Manual.

Technical publication of the manufacturer:

Dornier Airplane Maintenance Manual Temporary Revision No. 55-6 dated March 03, 2003 and No. AMM TR 05-88 dated April 22, 2003 which becomes herewith part of this AD can be obtained from Messrs.:

Fairchild / Dornier
P.O. Box 11 03
D-82230 Wessling
Federal Republik of Germany
Phone: ++ 49 8153 300 Fax: ++ 49 8153 304463

Note:

This AD supersedes the AD-No. 2001-045 dated January 26, 2001.

Holders of affected aircraft registered in Germany have to observe the following:

Action has to be accomplished by the owner of the aircraft or an approved service station and to be checked and entered in the log book by a licensed inspector.

As a result of the a.m. deficiencies, the airworthiness of the aircraft is affected to such an extent that after the expiry of the a.m. dates the aircraft may be operated only after proper accomplishment of the prescribed actions. In the interest of aviation safety outweighing the interest of the receiver in a postponement of the prescribed actions, the immediate compliance with this AD is to be directed.

An appeal to this notice may be raised within a period of one month following notification. Appeals are to be raised with the Luftfahrt-Bundesamt, Hermann-Blenk-Str. 26, 38108 Braunschweig, in writing or for the purpose of drawing up minutes.

Enquiries regarding this Airworthiness Directive should be referred to Mr. Olaf Schneider, Airworthiness Directive Section at the above address, fax-no. 0049 531/2355-720. Please note, that in case of any difficulty, reference should be made to the German Issue!