

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-CE-14-AD]

RIN 2120-AA64

Airworthiness Directives; British Aerospace Model HP.137 Jetstream Mk.1, Jetstream Series 200, Jetstream Series 3101, and Jetstream Model 3201 Airplanes

AGENCY: Federal Aviation Administration, DOT.

ACTION: Supplemental notice of proposed rulemaking (NPRM); reopening of the comment period.

SUMMARY: This document proposes to revise an earlier proposed airworthiness directive (AD) that would apply to all British Aerospace Model HP.137 Jetstream Mk.1, Jetstream Series 200, Jetstream Series 3101, and Jetstream Model 3201 airplanes. The earlier NPRM would have required you to repetitively inspect the horizontal and vertical stabilizer attachment fittings and associated hardware for corrosion and wear (damage) and repair or replace any damaged parts. The earlier NPRM resulted from mandatory continuing airworthiness information (MCAI) issued by the airworthiness authority for the United Kingdom. The manufacturer has issued new service information that supersedes the service information specified in the NPRM and changes the procedures for doing the proposed inspections. These procedures impose an additional burden over that proposed in the NPRM. Therefore, we are reopening the comment period to allow the public the chance to comment on these additional actions.

DATES: The Federal Aviation Administration (FAA) must receive any comments on this proposed rule on or before January 17, 2003.

ADDRESSES: Submit comments to FAA, Central Region, Office of the Regional Counsel, Attention: Rules Docket No.

2002-CE-14-AD, 901 Locust, Room 506, Kansas City, Missouri 64106. You may view any comments at this location between 8 a.m. and 4 p.m., Monday through Friday, except Federal holidays. You may also send comments electronically to the following address: 9-ACE-7-Docket@faa.gov. Comments sent electronically must contain "Docket No. 2002-CE-14-AD" in the subject line. If you send comments electronically as attached electronic files, the files must be formatted in Microsoft Word 97 for Windows or ASCII text.

You may get service information that applies to this proposed AD from British Aerospace Regional Aircraft, Prestwick International Airport, Ayrshire, KA9 2RW, Scotland; telephone: (01292) 672345; facsimile: (01292) 671625. You may also view this information at the Rules Docket at the address above.

FOR FURTHER INFORMATION CONTACT: Doug Rudolph, Aerospace Engineer, FAA, Small Airplane Directorate, 901 Locust, Room 301, Kansas City, Missouri 64106; telephone: (816) 329-4059; facsimile: (816) 329-4090.

SUPPLEMENTARY INFORMATION:

Comments Invited

How Do I Comment on This Proposed AD?

The FAA invites comments on this proposed rule. You may submit whatever written data, views, or arguments you choose. You need to include the proposed rule's docket number and submit your comments to the address specified under the caption **ADDRESSES**. We will consider all comments received on or before the closing date. We may amend this proposed rule in light of comments received. Factual information that supports your ideas and suggestions is extremely helpful in evaluating the effectiveness of this proposed AD action and determining whether we need to take additional rulemaking action.

Are There Any Specific Portions of This Proposed AD I Should Pay Attention to?

The FAA specifically invites comments on the overall regulatory, economic, environmental, and energy aspects of this proposed rule that might suggest a need to modify the rule. You may view all comments we receive before and after the closing date of the rule in the Rules Docket. We will file a

report in the Rules Docket that summarizes each contact we have with the public that concerns the substantive parts of this proposed AD.

How Can I Be Sure FAA Receives My Comment?

If you want FAA to acknowledge the receipt of your mailed comments, you must include a self-addressed, stamped postcard. On the postcard, write "Comments to Docket No. 2002-CE-14-AD." We will date stamp and mail the postcard back to you.

Discussion

What Events Have Caused This Proposed AD?

The Civil Aviation Authority (CAA), which is the airworthiness authority for the United Kingdom, recently notified FAA that an unsafe condition may exist on all British Aerospace Model HP.137 Jetstream Mk.1, Jetstream Series 200, Jetstream Series 3101, and Jetstream Model 3201 airplanes. The CAA reports that, during regular scheduled maintenance, an operator discovered fretting corrosion on the horizontal and vertical stabilizer attachment bolts on an in-service Jetstream Series 4100 airplane. The Jetstream Series 4100 airplane has a similar structural layout in the affected area to those affected by this proposed action. The corrosion is occurring on the eye bolt shanks and the horizontal and vertical stabilizer forward and rear attachment fitting lugs on the contact faces. There have been 10 reported cases of corrosion found on Jetstream Series 3101 and Jetstream Model 3201 airplanes.

What Are the Consequences If the Condition Is Not Corrected?

This condition, if not detected and corrected, could result in failure of the horizontal and vertical stabilizer attachment fittings. Such failure could lead to flutter and subsequent structural failure of the empennage.

Has FAA Taken Any Action to This Point?

We issued a proposal to amend part 39 of the Federal Aviation Regulations (14 CFR part 39) to include an AD that would apply to all British Aerospace Model HP.137 Jetstream Mk.1, Jetstream Series 200, Jetstream Series 3101, and Jetstream Model 3201 airplanes. This proposal was published in the **Federal**

Register as a notice of proposed rulemaking (NPRM) on July 31, 2002 (67 FR 49627). The NPRM proposed to require you to repetitively inspect the forward and rear horizontal and vertical stabilizer attachment fittings and associated hardware for corrosion and wear (damage), and replace or repair any damaged parts found during any inspection.

You would have to accomplish the proposed actions in accordance with British Aerospace Jetstream Mandatory Service Bulletin 55-JA010941, Original issue: January 25, 2002.

Was the Public Invited To Comment?

The FAA encouraged interested persons to participate in the making of this amendment. The following presents the comments received on the proposal and FAA's response to each comment:

Comment Issue No. 1: Incorporate New Service Information

What Is the Commenter's Concern?

The manufacturer suggests that we incorporate new service information that changes the procedures for doing the proposed inspections of the horizontal and vertical stabilizers for corrosion. The manufacture states that the inspection procedures in British Aerospace Jetstream Mandatory Service Bulletin 55-JA010941, Original Issue: January 25, 2002, do not ensure the detection of all possible fretting corrosion. Removal of the horizontal stabilizer when inspecting for fretting corrosion is now required in accordance with British Aerospace Jetstream Mandatory Service Bulletin 55-JA020543, Original Issue: October 24, 2002, which supersedes British Aerospace Jetstream Mandatory Service Bulletin 55-JA010941, Original Issue: January 25, 2002.

What Is FAA's Response to the Concern?

We concur and will change the proposed AD action accordingly. Any owner/operator of the affected airplanes will have to accomplish the requirements of this proposed AD in accordance with the new manufacturer's service bulletin. Credit will not be given for accomplishing the proposed actions in accordance with British Aerospace Jetstream Mandatory Service Bulletin 55-JA010941, Original Issue: January 25, 2002.

Comment Issue No. 2: Receive Compliance Credit for Using Current BAE Corrosion Preventative and Control Program (PCPC) Maintenance Task Number 55-10-011C1 When Doing the Inspections

What Is the Commenter's Concern?

The commenter states that operators who utilize the current FAA-BAE approved Corrosion Preventative and Control Program (CPCP) Maintenance Task Number 55-10-011C1 and Zonal Task Card 55-10-11 are already accomplishing the inspections required in the proposed AD and should receive credit for compliance using these procedures instead of the manufacturer's service bulletin. The commenter also states that language should be incorporated into the proposed AD giving owners/operators credit for using CPCP Task 55-10-011C1.

What Is FAA's Response to the Concern?

We do not concur. As earlier discussed, we are incorporating new service information into this proposed AD that requires removal of the horizontal stabilizer when doing the proposed inspection. We have confirmed with the manufacturer that CPCP Maintenance Task Number 55-10-011C1 and Zonal Task Card 55-10-11 do not require removal of the horizontal stabilizer when doing the inspection.

Therefore, we cannot give credit for accomplishing the inspection using CPCP Maintenance Task Number 55-10-011C1 and Zonal Task Card 55-10-11 as an alternative method of compliance.

We are not changing the final rule AD action based on this comment.

Comment Issue No. 3: Change the Compliance Time

What Is the Commenter's Concern?

The manufacturer states that because the change to the inspection procedures imposes an additional burden over that proposed in the NPRM, more time should be allowed to accomplish the requirements in the proposed AD (as allowed in the new service information).

What Is FAA's Response to the Concern?

We concur and will change the proposed AD action accordingly.

The FAA's Determination

What Has FAA Decided?

After examining the circumstances and reviewing all available information related to the incidents described above, we have determined that:

- The unsafe condition referenced in this document exists or could develop on other British Aerospace Model HP.137 Jetstream Mk.1, Jetstream Series 200, Jetstream Series 3101, and Jetstream Model 3201 airplanes of the same type design that are on the U.S. registry;
- The NPRM should be changed to incorporate the new service information; and
- AD action should be taken in order to correct this unsafe condition.

The Supplemental NPRM

How Will the Changes to the NPRM Impact the Public?

Proposing that the NPRM incorporate the new service information that changes the procedures for doing the proposed inspections goes beyond the scope of what was already proposed. Therefore, we are issuing a supplemental NPRM and reopening the comment period to allow the public additional time to comment on the proposed AD.

What Are the Provisions of the Supplemental NPRM?

The proposed AD would require you to:

- Repetitively inspect the forward and rear horizontal and vertical stabilizer attachment fittings and associated hardware for corrosion and wear (damage); and
- Replace or repair any damaged parts found during any inspection.

Cost Impact

How Many Airplanes Would This Proposed AD Impact?

We estimate that this proposed AD affects 250 airplanes in the U.S. registry.

What Would Be the Cost Impact of This Proposed AD on Owners/Operators of the Affected Airplanes?

We estimate the following costs to accomplish the proposed inspection:

Labor cost	Parts cost	Total cost per airplane	Total cost on U.S. operators
120 workhours × \$60 = \$7,200	No parts required to perform the inspection.	\$7,200	\$7,200 × 250 = \$1,800,000.

The FAA has no method of determining the number of repetitive inspections each owner/operator would incur over the life of each of the affected airplanes so the cost impact is based on the initial inspection.

The FAA has no method of determining the number of repairs each owner/operator would incur over the life of each of the affected airplanes based on the results of the proposed inspections. We have no way of determining the number of airplanes that may need such repair. The extent of damage would vary on each airplane.

Compliance Time of This Proposed AD

What Would Be the Compliance Time of This Proposed AD?

The compliance time of this proposed AD is “upon accumulating 8 calendar years on the airframe or within the next 12 months after the effective date of this AD, whichever occurs later.”

Why Is the Compliance Time Presented in Calendar Time Instead of Hours Time-In-Service (TIS)?

The unsafe condition specified by this proposed AD is caused by corrosion. Corrosion can occur regardless of whether the aircraft is in operation or is in storage. Therefore, to assure that the unsafe condition specified in this proposed AD does not go undetected for a long period of time, the compliance is presented in calendar time instead of hours time-in-service (TIS). This will allow the owners/operators to work the proposed inspection into regularly scheduled maintenance.

Regulatory Impact

Would This Proposed AD Impact Various Entities?

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 proposed rule would not have federalism implications under Executive Order 13132.

Would This Proposed AD Involve a Significant Rule or Regulatory Action?

For the reasons discussed above, I certify that this proposed action (1) is not a “significant regulatory action” under Executive Order 12866; (2) is not a “significant rule” under 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 has been placed 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, under 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. FAA amends § 39.13 by adding a new airworthiness directive (AD) to read as follows:

British Aerospace: Docket No. 2002-CE-14-AD.

(a) *What airplanes are affected by this AD?* This AD affects Model HP.137 Jetstream Mk.1, Jetstream Series 200, Jetstream Series 3101, and Jetstream Model 3201 airplanes, all serial numbers, that are certificated in any category.

(b) *Who must comply with this AD?* Anyone who wishes to operate any of the airplanes identified in paragraph (a) of this AD must comply with this AD.

(c) *What problem does this AD address?* The actions specified by this AD are intended to detect and correct corrosion and/or wear on the horizontal and vertical stabilizer attachment fittings and associated hardware, which could result in failure of the attachment fittings. Such failure could lead to flutter and subsequent structural failure of the empennage.

(d) *What actions must I accomplish to address this problem?* To address this problem, you must accomplish the following:

Actions	Compliance	Procedures
(1) Visually inspect the forward and rear horizontal stabilizer attachment bolts and associated hardware for corrosion (i.e., pitting or a change of color in the surface) and wear (damage).	Initially inspect upon accumulating 8 years on the airframe or within the next 12 calendar months after the effective date of this AD, whichever occurs later. Repetitively inspect thereafter at intervals not to exceed 8 years.	In accordance with British Aerospace Jetstream Mandatory Service Bulletin 55-JA020543, Original Issue: October 24, 2002.
(2) If corrosion or wear is found during any inspection required in paragraph (d)(1) of this AD, replace or repair any damaged part in accordance with the procedures specified in the manufacturer's service bulletin.	Prior to further flight after the inspection in which the damage was found.	In accordance with British Aerospace Jetstream Mandatory Service Bulletin 55-JA020543, Original Issue: October 24, 2002.
(3) Visually inspect the forward and rear horizontal and vertical stabilizer attachment fittings and the forward eye bolts of the vertical stabilizer for corrosion or damage at the lug faces.	Initially inspect upon accumulating 8 years on the airframe or within the next 12 calendar months after the effective date of this AD, whichever occurs later. Repetitively inspect thereafter at intervals not to exceed 8 years.	In accordance with British Aerospace Jetstream Mandatory Service Bulletin 55-JA020543, Original Issue: October 24, 2002.

Actions	Compliance	Procedures
(4) If corrosion or damage is found during any inspection required in paragraph (d)(3) of this AD: (i) replace or repair any damaged part in accordance with the procedures specified in the manufacturer's service bulletin; or (ii) if damage exceeds the limits defined in the manufacturer's service bulletin, obtain a repair scheme from the manufacturer through the FAA at the address specified in paragraph (f) of this AD; and (iii) incorporate this repair scheme.	Prior to further flight after the inspection in which the damage was found.	Repair in accordance with the repair scheme obtained from British Aerospace Regional Aircraft, Prestwick International Airport, Ayrshire, KA92RW, Scotland. Obtain this repair scheme through the FAA at the address specified in paragraph (f) of this AD.

Note 1: Although not required by this AD, FAA highly recommends you accomplish *Highly Recommended Corrosion Prevention Tasks* in British Aerospace Jetstream Service Bulletin 55-JA020544, Original Issue: October 24, 2002, upon accomplishing the initial inspection of this AD and during repetitive inspections if damage is found.

(e) *Can I comply with this AD in any other way?* You may use an alternative method of compliance or adjust the compliance time if:

(1) Your alternative method of compliance provides an equivalent level of safety; and
 (2) The Manager, Standards Office, Small Airplane Directorate, approves your alternative. Submit your request through an FAA Principal Maintenance Inspector, who may add comments and then send it to the Manager, Standards Office.

Note 2: This AD applies to each airplane identified in paragraph (a) of this AD, 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 (e) 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 you have not eliminated the unsafe condition, specific actions you propose to address it.

(f) *Where can I get information about any already-approved alternative methods of compliance?* Contact Doug Rudolph, Aerospace Engineer, FAA, Small Airplane Directorate, 901 Locust, Room 301, Kansas City, Missouri 64106; telephone: (816) 329-4059; facsimile: (816) 329-4090.

(g) *What if I need to fly the airplane to another location to comply with this AD?* The FAA can issue a special flight permit under sections 21.197 and 21.199 of the Federal Aviation Regulations (14 CFR 21.197 and 21.199) to operate your airplane to a location where you can accomplish the requirements of this AD.

(h) *How do I get copies of the documents referenced in this AD?* You may get copies of the documents referenced in this AD from British Aerospace Regional Aircraft, Prestwick International Airport, Ayrshire, KA9 2RW, Scotland; telephone: (01292) 672345; facsimile: (01292) 671625. You may view these documents at FAA, Central Region, Office of the Regional Counsel, 901

Locust, Room 506, Kansas City, Missouri 64106.

Note 3: The subject of this AD is addressed in British Aerospace Jetstream Mandatory Service Bulletin 55-JA020543, Original Issue: October 24, 2002. This service bulletin is classified as mandatory by the United Kingdom Civil Aviation Authority (CAA).

Issued in Kansas City, Missouri, on December 2, 2002.

Michael Gallagher,
 Manager, Small Airplane Directorate, Aircraft Certification Service.

[FR Doc. 02-31129 Filed 12-9-02; 8:45 am]

BILLING CODE 4910-13-P

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. 2002-NM-218-AD]

RIN 2120-AA64

Airworthiness Directives; Dornier Model 328-100 and -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 328-100 and -300 series airplanes. This proposal would require replacement of certain flight data recorder (FDR) and cockpit voice recorder (CVR) impact switches with certain new impact switches. This action is necessary to prevent the loss of data recorded on the FDR and CVR, which, in the event of an accident, could result in the inability to retrieve data from the FDR and CVR during the accident investigation. This loss of data could hinder the identification of the unsafe condition which caused the accident, and prevent the FAA from developing and mandating actions to

prevent additional accidents caused by that same unsafe condition.

DATES: Comments must be received by January 9, 2003.

ADDRESSES: Submit comments in triplicate to the Federal Aviation Administration (FAA), Transport Airplane Directorate, ANM-114, Attention: Rules Docket No. 2002-NM-218-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-218-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: 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