

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

[Docket No. 2002-CE-11-AD]

RIN 2120-AA64

Airworthiness Directives; Diamond Aircraft Industries GmbH Models H-36 "Dimona", HK 36 R "Super Dimona", HK 36 TC, HK 36 TS, HK 36 TTC, HK 36 TTC-ECO, HK 36 TTC-ECO (Restricted Category), and HK 36 TTS Sailplanes**AGENCY:** Federal Aviation Administration, DOT.**ACTION:** Notice of proposed rulemaking (NPRM).

SUMMARY: This document proposes to adopt a new airworthiness directive (AD) that would apply to all Diamond Aircraft Industries GmbH (Diamond) Models H-36 "Dimona", HK 36 R "Super Dimona", HK 36 TC, HK 36 TS, HK 36 TTC, HK 36 TTC-ECO, HK 36 TTC-ECO (Restricted Category), and HK 36 TTS sailplanes. This proposed AD would require you to inspect the long aileron push rods in both wings for damage and modify the push rods. This proposed AD is the result of mandatory continuing airworthiness information (MCAI) issued by the airworthiness authority for Austria. The actions specified by this proposed AD are intended to detect and correct damage in the long aileron push control rods, which could result in failure of the aileron push rods and decreased control. Such failure could lead to aeroelastic flutter.

DATES: The Federal Aviation Administration (FAA) must receive any comments on this proposed rule on or before June 17, 2002.

ADDRESSES: Submit comments to FAA, Central Region, Office of the Regional Counsel, Attention: Rules Docket No. 2002-CE-11-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-11-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

Diamond Aircraft Industries GmbH, N.A. Otto-Strasse 5, A-2700 Wiener Neustadt, Austria; telephone: 43 2622 26 700; facsimile: 43 2622 26 780. You may also view this information at the Rules Docket at the address above.

FOR FURTHER INFORMATION CONTACT:

Mike Kiesov, Aerospace Engineer, FAA, Small Airplane Directorate, 901 Locust, Room 301, Kansas City, Missouri 64106; telephone: (816) 329-4144; 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 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-11-AD." We will date stamp and mail the postcard back to you.

Discussion*What Events Have Caused This Proposed AD?*

The Austro Control GmbH (Austro Control), which is the airworthiness authority for Austria, recently notified FAA that an unsafe condition may exist on all Diamond Models H-36

"Dimona", HK 36 R "Super Dimona", HK 36 TC, HK 36 TS, HK 36 TTC, HK 36 TTC-ECO, HK 36 TTC-ECO (Restricted Category), and HK 36 TTS sailplanes. The Austro Control reports during the preflight of one sailplane, the long aileron push rod was found to be broken. On several sailplanes, the aileron push control rods in both wings were found damaged due to contact or interference with the support for the aileron bellcrank.

What Are the Consequences if the Condition Is Not Corrected?

If the damaged aileron push control rods are not detected and corrected, the damage could result in failure of the aileron push rods and decreased control. Such failure could lead to aeroelastic flutter.

Is there service information that applies to this subject?

Diamond has issued:

- Service Bulletin No. MSB36-72, dated February 1, 2002; and
- Work Instruction No. WI-MSB36-72, dated February 1, 2002.

What Are the Provisions of This Service Information?

The service bulletin includes procedures for:

- Inspecting the long aileron push rods in both wings; and
- Modifying the long aileron push rods.

What Action Did the Austro Control Take?

The Austro Control classified this service bulletin as mandatory and issued Austrian AD Number 111, dated February 26, 2002, in order to ensure the continued airworthiness of these sailplanes in Austria.

Was This in Accordance With the Bilateral Airworthiness Agreement?

These sailplane models are manufactured in Austria and are 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 Austro Control has kept FAA informed of the situation described above.

The FAA's Determination and an Explanation of the Provisions of This Proposed AD*What Has FAA Decided?*

The FAA has examined the findings of the Austro Control; reviewed all

available information, including the service information referenced above; and determined that:

- The unsafe condition referenced in this document exists or could develop on other Diamond Models H-36 “Dimona”, HK 36 R “Super Dimona”, HK 36 TC, HK 36 TS, HK 36 TTC, HK 36 TTC-ECO, HK 36 TTC-ECO (Restricted Category), and HK 36 TTS sailplanes of the same type design that are on the U.S. registry;
- The actions specified in the previously-referenced service information should be accomplished on the affected sailplanes; and

—AD action should be taken in order to correct this unsafe condition.

What Would This Proposed AD Require?

This proposed AD would require you to incorporate the actions in the previously-referenced service bulletin.

Why Is a Compliance of 10 Hours Time-in-Service (TIS) Used for the Inspection of the Long Aileron Push Rods?

Normally, FAA uses a 10-hours TIS compliance time for urgent safety of flight conditions. However, sailplane operation varies among operators. It might take operators between 3 months to 12 months or more to accumulate 10 hours TIS. For this reason, FAA has

determined that compliance time of this proposed AD should be 10 hours TIS to ensure this condition is corrected in a timely manner but does not unduly penalize operators.

Cost Impact

How Many Sailplanes Would This Proposed AD Impact?

We estimate that this proposed AD affects 45 sailplanes in the U.S. registry.

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

We estimate the following costs to accomplish the proposed inspection:

Labor cost	Parts cost	Total cost per sailplane	Total cost on U.S. operators
1 workhour × \$60 per hour=\$60	None	\$60 per airplane	\$60 × 45 = \$2,700

We estimate the following costs to accomplish any necessary modification that would be required based on the results of the proposed inspection.

Labor cost	Parts cost	Total cost per sailplane	Total cost on U.S. operators
2 workhours × \$60 per hour = \$120	\$80	\$200	\$9,000

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:

Diamond Aircraft Industries GMBH: Docket No. 2002-CE-11-AD

(a) *What sailplanes are affected by this AD?* This AD affects the following sailplane models, all serial numbers, that are certificated in any category:

Model

H-36 “Dimona”
HK 36 R “Super Dimona”
HK 36 TC
HK 36 TS
HK 36 TTC
HK 36 TTC-ECO
HK 36 TTC-ECO (Restricted Category)
HK 36 TTS

(b) *Who must comply with this AD?* Anyone who wishes to operate any of the sailplanes 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 damage in the long aileron push control rods, which could result in failure of the aileron push rods and decreased control. Such failure could lead to aeroelastic flutter.

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

Actions	Compliance	Procedures
(1) Inspect the long aileron push rods in both wings.	Within the next 10 hours time-in-service (TIS) after the effective date of this AD.	In accordance with paragraph 1.8 Measures of Diamond Aircraft Industries GmbH Service Bulletin No. MSB36-72, dated February 1, 2002, Diamond Aircraft Industries GmbH Work Instruction No. WI-MSB36-72, dated February 1, 2002, and the applicable sailplane maintenance manual.
(2) If any long aileron push rods are found damaged during the inspection required in paragraph (d)(1) of this AD, modify the push rods.	Before further flight, after the inspection in paragraph (d)(1) of this AD.	In accordance with paragraph 1.8 Measures of Diamond Aircraft Industries GmbH Service Bulletin No. MSB36-72, dated February 1, 2002, Diamond Aircraft Industries GmbH Work Instruction No. WI-MSB36-72, dated February 1, 2002, and the applicable sailplane maintenance manual.
(3) If no damage is found during the inspection required in paragraph (d)(1), modify the push rods.	Within the next 25 hours TIS after effective date of this AD.	In accordance with paragraph 1.8 Measures of Diamond Aircraft Industries GmbH Service Bulletin No. MSB36-72, dated February 1, 2002, Diamond Aircraft Industries GmbH Work Instruction No. WI-MSB36-72, dated February 1, 2002, and the applicable sailplane maintenance manual.

(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 Standards Office Manager, 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 Standards Office Manager.

Note 1: This AD applies to each sailplane 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 sailplanes 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 Mike Kiesov, Aerospace Engineer, FAA, Small Airplane Directorate, 901 Locust, Room 301, Kansas City, Missouri 64106; telephone: (816) 329-4144; facsimile: (816) 329-4090.

(g) *What if I need to fly the sailplane 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 sailplane 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 Diamond Aircraft Industries GmbH, N.A. Otto-Strasse 5, A-2700 Wiener Neustadt, Austria; telephone: 43 2622 26 700; facsimile: 43 2622 26 780. You may view these documents at FAA, Central Region, Office of

the Regional Counsel, 901 Locust, Room 506, Kansas City, Missouri 64106.

Note 2: The subject of this AD is addressed in Austrian AD No. 111, dated February 26, 2002.

Issued in Kansas City, Missouri, on May 10, 2002.

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

[FR Doc. 02-12519 Filed 5-17-02; 8:45 am]

BILLING CODE 4910-13-P

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. 2001-NM-322-AD]

RIN 2120-AA64

Airworthiness Directives; Bombardier Model CL-600-2B19 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 Bombardier Model CL-600-2B19 series airplanes. This proposal would require a one-time inspection of the aft edge of the left and right main windshields to determine whether a certain placard is installed, and corrective actions if necessary. This action is necessary to prevent failure of the main windshields due to stress-related cracking, which could cause cabin depressurization and emergency descent, and adversely affect continued

safe flight of the airplane. This action is intended to address the identified unsafe condition.

DATES: Comments must be received by June 19, 2002.

ADDRESSES: Submit comments in triplicate to the Federal Aviation Administration (FAA), Transport Airplane Directorate, ANM-114, Attention: Rules Docket No. 2001-NM-322-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. 2001-NM-322-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 Bombardier, Inc., Canadair, Aerospace Group, P.O. Box 6087, Station Centre-ville, Montreal, Quebec H3C 3G9, Canada. This information may be examined at the FAA, Transport Airplane Directorate, 1601 Lind Avenue, SW., Renton, Washington; or at the FAA, Engine and Propeller Directorate, New York Aircraft Certification Office, 10 Fifth Street, Third Floor, Valley Stream, New York.

FOR FURTHER INFORMATION CONTACT:
Serge Napoleon, Aerospace Engineer, Airframe and Propulsion Branch, ANE-171, FAA, New York Aircraft Certification Office, 10 Fifth Street,