

Actions	Compliance	Procedures
(1) For Group 1 airplanes: inspect for up to 9 missing rivets between fuselage station (F.S.) 83.00 and F.S. 91.00 at water line (W.L.) 90.3.	Within the next 100 hours time-in-service (TIS) after February 16, 2001 (the effective date of AD 2000-26-16), unless already accomplished.	In accordance with the ACCOMPLISHMENT INSTRUCTIONS section of Raytheon Mandatory Service Bulletin SB 53-3341, Rev. 1, Revised: May 2000; or Raytheon Mandatory Service Bulletin SB 53-3341, Rev. 2, Revised: October, 2002; and the Bonanza Series Maintenance Manual or Baron Model 58 Series Maintenance Manual.
(2) For Group 2 airplanes: inspect for up to 9 missing rivets between fuselage station (F.S.) 83.00 and F.S. 91.00 at water line (W.L.) 90.3.	Within the next 100 hours time-in-service after February 27, 2003 (the effective date of this AD), unless already accomplished.	In accordance with the ACCOMPLISHMENT INSTRUCTIONS section of Raytheon Mandatory Service Bulletin SB 53-3341, Rev. 1, Revised: May 2000; or Raytheon Mandatory Service Bulletin SB 53-3341, Rev. 2, Revised: October, 2002; and the Bonanza Series Maintenance Manual.
(3) For all affected airplanes: if you find rivets are missing, install these rivets.	Before further flight after the inspection, unless already accomplished.	In accordance with the ACCOMPLISHMENT INSTRUCTIONS section of Raytheon Mandatory Service Bulletin SB 53-3341, Rev. 1, Revised: May 2000; or Raytheon Mandatory Service Bulletin SB 53-3341, Rev. 2, Revised: October, 2002; and the Bonanza Series Maintenance Manual or Baron Model 58 Series 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) You may use an alternative method of compliance or adjust the compliance time if:

(i) Your alternative method of compliance provides an equivalent level of safety; and

(ii) The Manager, Wichita Aircraft Certification Office (ACO), approves your alternative. Submit your request through an FAA Principal Maintenance Inspector, who may add comments and then send it to the Manager, Wichita ACO.

(2) Alternative methods of compliance approved in accordance with AD 2000-26-16, which is superseded by this AD, are approved as alternative methods of compliance with this AD.

**Note:** 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 T.N. Baktha, Aerospace Engineer, FAA, Wichita Aircraft Certification Office, 1801 Airport Road, Wichita, Kansas 67209; telephone: (316) 946-4155; facsimile: (316) 946-4407.

(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) *Are any service bulletins incorporated into this AD by reference?*

(1) Actions required by this AD must be done in accordance with Raytheon Mandatory Service Bulletin SB 53-3341, Rev. 1, Revised: May 2000, or Raytheon Mandatory Service Bulletin SB 53-3341, Rev. 2, Revised: October, 2002.

(i) The Director of the Federal Register approved the incorporation by reference of Raytheon Mandatory Service Bulletin SB 53-3341, Rev. 2, Revised: October, 2002, under 5 U.S.C. 552(a) and 1 CFR part 51.

(ii) The Director of the Federal Register previously approved the incorporation by reference of Raytheon Mandatory Service Bulletin SB 53-3341, Rev. 1, Revised May, 2000, as of February 16, 2001 (66 FR 1253, January 8, 2001).

(2) You may get copies from Raytheon Aircraft Company, PO Box 85, Wichita, Kansas 67201-0085; telephone: (800) 429-5372 or (316) 676-3140. You may view copies at the FAA, Central Region, Office of the Regional Counsel, 901 Locust, Room 506, Kansas City, Missouri, or at the Office of the Federal Register, 800 North Capitol Street, NW., suite 700, Washington, DC.

(i) *Does this AD action affect any existing AD actions?* This amendment supersedes AD 2000-26-16, Amendment 39-12066.

(j) *When does this amendment become effective?* This amendment becomes effective on February 27, 2003.

Issued in Kansas City, Missouri, on December 30, 2002.

**James E. Jackson,**

*Acting Manager, Small Airplane Directorate, Aircraft Certification Service.*

[FR Doc. 03-148 Filed 1-7-03; 8:45 am]

**BILLING CODE 4910-13-P**

## DEPARTMENT OF TRANSPORTATION

### Federal Aviation Administration

#### 14 CFR Part 39

[Docket No. 2002-NM-77-AD; Amendment 39-13010; AD 2002-26-21]

RIN 2120-AA64

#### Airworthiness Directives; Dornier Model 328-100 and -300 Series Airplanes

**AGENCY:** Federal Aviation Administration, DOT.

**ACTION:** Final rule.

**SUMMARY:** This amendment adopts a new airworthiness directive (AD), applicable to certain Dornier Model 328-100 and -300 series airplanes, that requires inspecting the electrical wire harness next to the fuel line at the left electric fuel pump for signs of chafing; securing the electrical wire harness to the fuel line using ty-rap; and taking corrective actions, if necessary. This action is necessary to prevent damage to the electrical wire harness, which could

result in electrical arcing and an increased potential for fire or explosion. This action is intended to address the identified unsafe condition.

**DATES:** Effective February 12, 2003.

The incorporation by reference of certain publications listed in the regulations is approved by the Director of the Federal Register as of February 12, 2003.

**ADDRESSES:** The service information referenced in this AD may be obtained from FAIRCHILD DORNIER, DORNIER Luftfahrt GmbH, PO Box 1103, D-82230 Wessling, Germany. This information may be examined at the Federal Aviation Administration (FAA), Transport Airplane Directorate, Rules Docket, 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:** 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:** A proposal to amend part 39 of the Federal Aviation Regulations (14 CFR part 39) to include an airworthiness directive (AD) that is applicable to certain Dornier Model 328-100 and -300 series airplanes was published in the **Federal Register** on September 13, 2002 (67 FR 57984). That action proposed to require inspecting the electrical wire harness next to the fuel line at the left electric fuel pump for signs of chafing; securing the electrical wire harness to the fuel line using ty-rap; and taking corrective actions, if necessary.

## Comments

Interested persons have been afforded an opportunity to participate in the making of this amendment. No comments were submitted in response to the proposal or the FAA's determination of the cost to the public.

## Conclusion

The FAA has determined that air safety and the public interest require the adoption of the rule as proposed.

## Cost Impact

The FAA estimates that 100 airplanes of U.S. registry will be affected by this AD, that it will take approximately 1 work hour per airplane to accomplish the required inspection and securing of the electrical wire harness, and that the average labor rate is \$60 per work hour. Based on these figures, the cost impact

of the AD on U.S. operators is estimated to be \$6,000, or \$60 per airplane.

The cost impact figure discussed above is based on assumptions that no operator has yet accomplished any of the requirements of this AD action, and that no operator would accomplish those actions in the future if this AD were not adopted. The cost impact figures discussed in AD rulemaking actions represent only the time necessary to perform the specific actions actually required by the AD. These figures typically do not include incidental costs, such as the time required to gain access and close up, planning time, or time necessitated by other administrative actions.

## Regulatory Impact

The regulations adopted herein will 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 final rule does not have federalism implications under Executive Order 13132.

For the reasons discussed above, I certify that this 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) 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 final evaluation has been prepared for this action and it is contained in the Rules Docket. A copy of it 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:

**2002-26-21 Dornier Luftfahrt GMBH:**  
Amendment 39-13010. Docket 2002-NM-77-AD.

**Applicability:** Model 328-100 series airplanes, as listed in Dornier Service Bulletin SB-328-24-391, dated September 11, 2001; and Model 328-300 series airplanes, as listed in Dornier Service Bulletin SB-328J-24-120, dated September 12, 2001; certificated in any category.

**Note 1:** This AD applies to each airplane identified in the preceding applicability provision, 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 (d) 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 damage to the electrical wire harness, made up of wiring and a protective sleeve, which could result in electrical arcing and an increased potential for fire or explosion, accomplish the following:

## Inspection

(a) Within 400 flight hours after the effective date of this AD, do a one-time general visual inspection to detect chafing damage to the electrical wire harness, made up of wiring and a protective sleeve, next to the fuel line at the left electric fuel pump; per Dornier Service Bulletin SB-328-24-391, dated September 11, 2001 (for Model 328-100 series airplanes); or Dornier Service Bulletin SB-328J-24-120, dated September 12, 2001 (for Model 328-300 series airplanes); as applicable.

**Note 2:** For the purposes of this AD, a general visual inspection is defined as: "A visual examination of an interior or exterior area, installation, or assembly to detect obvious damage, failure, or irregularity. This level of inspection is made from within touching distance unless otherwise specified. A mirror may be necessary to enhance visual access to all exposed surfaces in the inspection area. This level of inspection is made under normally available lighting conditions such as daylight, hangar lighting, flashlight, or droplight and may require removal or opening of access panels or doors. Stands, ladders, or platforms may be required to gain proximity to the area being checked."

## No Chafing: Secure the Electrical Wire Harness

(b) If no chafing damage to the electrical wire harness, made up of wiring and a protective sleeve, is detected during the

inspection required by paragraph (a) of this AD, before further flight, secure the electrical wire harness to the fuel line using ty-rap, per Dornier Service Bulletin SB-328-24-391, dated September 11, 2001 (for Model 328-100 series airplanes); or Dornier Service Bulletin SB-328J-24-120, dated September 12, 2001 (for Model 328-300 series airplanes); as applicable.

#### **Chafing: Corrective Action(s) and Secure the Electrical Wire Harness**

(c) If any chafing damage to the electrical wire harness, made up of wiring and a protective sleeve, is detected during the inspection required by paragraph (a) of this AD, before further flight, do the action(s) specified in paragraphs (c)(1) and (c)(2) of this AD, as applicable, and paragraph (c)(3) of this AD, per Dornier Service Bulletin SB-328-24-391, dated September 11, 2001 (for Model 328-100 series airplanes); or Dornier Service Bulletin SB-328J-24-120, dated September 12, 2001 (for Model 328-300 series airplanes); as applicable.

(1) For any damaged protective sleeve: Repair or replace the protective sleeve, per the applicable service bulletin.

(2) For any damaged wiring: Replace the electrical wire harness, made up of wiring and a protective sleeve, with a new electrical wire harness, per the applicable service bulletin.

(3) Secure the electrical wire harness, made up of wiring and a protective sleeve, to the fuel line using ty-rap, per the applicable service bulletin.

#### **Alternative Methods of Compliance**

(d) 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, International Branch, ANM-116, Transport Airplane Directorate, FAA. Operators shall submit their requests through an appropriate FAA Principal Maintenance Inspector, who may add comments and then send it to the Manager, International Branch, ANM-116.

**Note 3:** Information concerning the existence of approved alternative methods of compliance with this AD, if any, may be obtained from the International Branch, ANM-116.

#### **Special Flight Permits**

(e) 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.

#### **Incorporation by Reference**

(f) The actions shall be done in accordance with Dornier Service Bulletin SB-328-24-391, dated September 11, 2001; or Dornier Service Bulletin SB-328J-24-120, dated September 12, 2001; as applicable. 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 FAIRCHILD DORNIER, DORNIER Luftfahrt GmbH, PO Box 1103, D-82230 Wessling, Germany. 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.

**Note 4:** The subject of this AD is addressed in German airworthiness directives 2002-049 and 2002-050, both dated March 7, 2002.

#### **Effective Date**

(g) This amendment becomes effective on February 12, 2003.

Issued in Renton, Washington, on December 30, 2002.

**Kevin Mullin,**

*Acting Manager, Transport Airplane Directorate, Aircraft Certification Service.*

[FR Doc. 03-151 Filed 1-7-03; 8:45 am]

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## **DEPARTMENT OF TRANSPORTATION**

### **Federal Aviation Administration**

#### **14 CFR Part 39**

**[Docket No. 2002-NE-25-AD; Amendment 39-13014; AD 2003-01-03]**

**RIN 2120-AA64**

#### **Airworthiness Directives; Hartzell Propeller Inc. Model ( )HC-( )2Y( )-( ) propellers**

**AGENCY:** Federal Aviation Administration, DOT.

**ACTION:** Final rule; request for comments.

**SUMMARY:** This amendment adopts a new airworthiness directive (AD) that is applicable to Hartzell Propeller Inc. model ( )HC-( )2Y( )-( ) propellers, with certain serial numbers (SN's) of two-bladed aluminum propeller hubs part numbers (P/N's) D-6522-1, D-6522-2, D-6529-1, and D-6559-3 installed. This action requires removal from service of those certain SN's of two-bladed aluminum propeller hubs and replacement with serviceable hubs. This amendment is prompted by a two-bladed aluminum propeller hub manufacturing quality control problem. The actions specified in this AD are intended to prevent in-flight propeller blade separation resulting in airframe and engine damage, and possible loss of the airplane.

**DATES:** Effective January 23, 2003. The incorporation by reference of certain publications listed in the rule is approved by the Director of the Federal Register as of January 23, 2003.

Comments for inclusion in the Rules Docket must be received on or before March 10, 2003.

**ADDRESSES:** Submit comments in triplicate to the Federal Aviation

Administration (FAA), New England Region, Office of the Regional Counsel, Attention: Rules Docket No. 2002-NE-25-AD, 12 New England Executive Park, Burlington, MA 01803-5299. Comments may be inspected at this location, by appointment, between 8 a.m. and 4:30 p.m., Monday through Friday, except Federal holidays. Comments may also be sent via the Internet using the following address: "9-ane-adcomment@faa.gov". Comments sent via the Internet must contain the docket number in the subject line.

The service information referenced in this AD may be obtained from Hartzell Propeller Inc. Technical Publications Department, One Propeller Place, Piqua, OH 45356; telephone (937) 778-4200; fax (937) 778-4391. This information may be examined, by appointment, at the FAA, New England Region, Office of the Regional 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.

#### **FOR FURTHER INFORMATION CONTACT:**

Tomaso DiPaolo, Aerospace Engineer, Chicago Aircraft Certification Office, FAA, Small Airplane Directorate, 2300 East Devon Avenue, Des Plaines, IL 60018; telephone (847) 294-7031; fax (847) 294-7834.

**SUPPLEMENTARY INFORMATION:** On August 19, 2002, the FAA was notified by Hartzell Propeller Inc. that certain two-bladed aluminum propeller hub SN's installed in 2-bladed propellers were found to have subsurface discontinuities in the aluminum. Some of these hubs have been installed in propellers and some have been shipped as spares. The discontinuities were not removed during the propeller hub forging process, and could initiate fatigue cracking in the propeller hub arms. This final rule; request for comments, replaces affected hubs determined to be under higher stresses based on specific airplane installation, within 50 hours time-since-new (TSN) or 12 months from the effective date of the AD, whichever occurs first, and affected hubs determined to be under lower stresses based on specific airplane installation, within 100 hours TSN or 12 months from the effective date of this AD, whichever occurs first. This condition, if not corrected, could result in in-flight propeller blade separation, airframe and engine damage, and possible loss of the airplane.

#### **Manufacturer's Service Information**

The FAA has reviewed and approved the technical contents of Hartzell Propeller Inc. Alert Service Bulletin