

Actions	Compliance	Procedures
(2) Repetitively replace any eyebolts that attach the front and rear spar of the horizontal stabilizer to the respective stabilizer strut.	Initially replace upon accumulating the applicable number of hours TIS referenced in Snow Engineering Co. Service Letter #129, revised October 21, 2004, or within 50 hours TIS after August 5, 2005 (the effective date of this AD), whichever occurs later. Replace repetitively thereafter at the intervals referenced in Snow Engineering Co. Service Letter #129, revised October 21, 2004.	Follow Snow Engineering Co. Service Letter #129, Issued September 26, 1994, Revised October 21, 2004.
(3) <i>For Model AT-602 airplanes through serial number 602-0695 and AT-802, and 802A airplanes through serial number 802A-0188:</i> As an alternative in order to use the increased replacement compliance times in paragraph (e)(2) of this AD, you may replace the steel brace assembly inside the stabilizer with a new steel brace assembly with larger bushings, and (i) <i>For the Model AT-602 airplane:</i> replace any 7/16-inch eyebolt with the 9/16-inch eyebolt (P/N 30774-1) (ii) <i>For the Model AT-802 and AT-802A airplanes:</i> replace any 7/16-inch eyebolt with the 9/16-inch eyebolt (P/N 30775-1)	At any time after August 5, 2005 (the effective of this AD). Use the applicable time in Snow Engineering Co. Service Letter #129A, dated August 7, 2004. The repetitive replacement of paragraph (e)(2) of this AD is still required.	Follow Snow Engineering Co. Service Letter #129A, Dated August 7, 2004.
(4) Do not install any 5/16-inch eyebolt (P/N AN44-17A or AN44-21A), 7/16-inch eyebolt (AN47-22A or AN47-30A), or 9/16-inch eyebolt (P/N 30774-1 or 30775-1) that exceeds the corresponding cumulative hours TIS specified in paragraphs (e)(2) or (e)(3) of this AD.	As of August 5, 2005 (the effective date of this AD).	Not Applicable.

#### May I Request an Alternative Method of Compliance?

(f) You may request a different method of compliance or a different compliance time for this AD by following the procedures in 14 CFR 39.19. Unless FAA authorizes otherwise, send your request to your principal inspector. The principal inspector may add comments and will send your request to the Manager, Fort Worth Airplane Certification Office (ACO), FAA. For information on any already approved alternative methods of compliance, contact Andrew D. McAnaul, Aerospace Engineer, FAA, Fort Worth ACO, ASW-150, 2601 Meacham Boulevard, Fort Worth, Texas 76193-0150. Current duty station: San Antonio Manufacturing Inspection District Office (MIDO-43), 10100 Reunion Place, Suite 650, San Antonio, Texas 78216; telephone: (210) 308-3365; facsimile: (210) 308-3370.

#### Does This AD Incorporate Any Material by Reference?

(g) You must do the actions required by this AD following the instructions in Snow Engineering Co. Service Letter #129, Issued September 26, 1994, Revised October 21, 2004, and Snow Engineering Co. Service Letter #129A, dated August 7, 2004. The Director of the Federal Register approved the incorporation by reference of this service bulletin in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. To get a copy of this service information, contact Air Tractor, Incorporated, P.O. Box 485, Olney, Texas 76374. To review copies of this service

information, go to the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, go to: [http://www.archives.gov/federal\\_register/code\\_of\\_federal\\_regulations/ibr\\_locations.html](http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html) or call (202) 741-6030. To view the AD docket, go to the Docket Management Facility; U.S. Department of Transportation, 400 Seventh Street, SW., Nassif Building, Room PL-401, Washington, DC 20590-001 or on the Internet at <http://dms.dot.gov>. The docket number is FAA-2004-19837; Directorate Identifier 2004-CE-43-AD.

Issued in Kansas City, Missouri, on June 14, 2005.

**John R. Colomy,**

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

[FR Doc. 05-12177 Filed 6-21-05; 8:45 am]

**BILLING CODE 4910-13-P**

## DEPARTMENT OF TRANSPORTATION

### Federal Aviation Administration

#### 14 CFR Part 39

[Docket No. FAA-2004-18958; Directorate Identifier 2004-NE-32-AD; Amendment 39-14137; AD 2005-13-01]

**RIN 2120-AA64**

#### **Airworthiness Directives; [Hoffmann Propeller GmbH & Co KG Models HO-V343 and HO-V343K Propellers]**

**AGENCY:** Federal Aviation Administration (FAA), DOT.

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

**SUMMARY:** The FAA is superseding an existing airworthiness directive (AD) for Hoffmann Propeller GmbH & Co KG Models HO-V343 and HO-V343K propellers. That AD currently requires initial and repetitive visual inspections of propeller blades for blade shake and blade nut preload. That AD also requires initial and repetitive eddy current inspections of blade hubs for damage and cracks. This AD requires an ultrasonic inspection of the propeller hub and an eddy current inspection of the propeller hub if any cracks are discovered during ultrasonic inspection.

Additionally, this AD requires sending a hub inspection report to the manufacturer. This AD also requires replacement of the propeller if any signs of blade shake, cracks, or other damage to the propeller hub outside serviceable limits are detected during the inspections. This AD results from the discovery of a propeller blade separation due to a possible hub failure. We are issuing this AD to prevent propeller hub failure and blade separation due to an unknown root cause, leading to damage and possible loss of control of the airplane.

**DATES:** Effective July 7, 2005. The Director of the Federal Register approved the incorporation by reference of certain publications listed in the regulations as of July 7, 2005.

We must receive any comments on this AD by August 22, 2005.

**ADDRESSES:** Use one of the following addresses to comment on this proposed AD.

- DOT Docket Web site: Go to <http://dms.dot.gov> and follow the instructions for sending your comments electronically.

- Government-wide rulemaking Web site: Go to <http://www.regulations.gov> and follow the instructions for sending your comments electronically.

- Mail: Docket Management Facility; U.S. Department of Transportation, 400 Seventh Street, SW., Nassif Building, Room PL-401, Washington, DC 20590-0001.

- Fax: (202) 493-2251.

- Hand Delivery: Room PL-401 on the plaza level of the Nassif Building, 400 Seventh Street, SW., Washington, DC, between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays.

Contact Hoffmann Propeller GmbH & Co KG, K pferlingstra e 9, D-83022 Rosenheim, Germany, telephone ++49-(0)8031-1878-0; fax ++49-(0)8031-1878-78 for the service information identified in this AD.

**FOR FURTHER INFORMATION CONTACT:** Frank Walsh, Aerospace Engineer, Boston Aircraft Certification Office, FAA, Engine & Propeller Directorate, 12 New England Executive Park, Burlington, MA 01803-5299; telephone (781) 238-7158; fax (781) 238-7199.

**SUPPLEMENTARY INFORMATION:** On August 24, 2004, the FAA issued AD 2004-18-01, Amendment 39-13778 (69 FR 53603, September 2, 2004). That AD requires initial and repetitive visual inspections of propeller blades for blade shake and blade nut preload. That AD also requires initial and repetitive eddy current inspections of blade hubs for damage and cracks. That AD resulted from a report of a blade separating from

either a model HO-V343 or HO-V343K propeller. That condition, if not corrected, could result in propeller hub failure and blade separation due to an unknown root cause, leading to damage and possible loss of control of the airplane.

#### **Actions Since AD 2004-18-01 Was Issued**

Since that AD was issued, the Luftfahrt-Bundesamt (LBA), which is the aviation authority for Germany, notified us that an unsafe condition might still exist on Hoffmann propeller models HO-V343 and HO-V343K propellers. The LBA advises that another instance of a propeller blade separation due to possible hub failure has been reported. The root cause of the failure is not known and is still under investigation. This AD requires an ultrasonic inspection of the propeller hub and eddy current inspection of the propeller hub if any cracks are discovered during ultrasonic inspection. Additionally, this AD requires sending a hub inspection report to the manufacturer. This AD also requires replacement of the propeller if any signs of blade shake, cracks, or other damage to the propeller hub outside serviceable limits are detected during the inspections. We certificated these propellers for use in the U.S. in 1997 and it is possible that some U.S. airplanes have acquired sufficient service hours for the propellers to be subject to the failure mode. We are issuing this AD to prevent propeller hub failure and blade separation due to an unknown root cause, leading to damage and possible loss of control of the airplane.

#### **Relevant Service Information**

We have reviewed and approved the technical contents of Hoffmann Propeller GmbH & Co KG Service Instruction (SI) No. 61-10-05 SI E 4D, dated March 16, 2005. This SI describes procedures for initial and repetitive visual inspections of propeller blades for blade shake, blade nut preload, and inspection of blade retaining threads for cracks. This service instruction also describes procedures for initial and repetitive ultrasonic and eddy current inspections of blade hubs for damage or cracks. The LBA classified this service instruction as mandatory and issued AD D-2004-352R4 in order to ensure the airworthiness of these Hoffmann Propeller GmbH & Co KG propellers in Germany.

#### **Bilateral Airworthiness Agreement**

This propeller model is manufactured in Germany and is type certificated for

operation in the United States under the provisions of § 21.29 of the Federal Aviation Regulations (14 CFR 21.29) and the applicable bilateral airworthiness agreement. Under this bilateral airworthiness agreement, the LBA has kept the FAA informed of the situation described above. We have examined the findings of the LBA, 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.

#### **FAA's Determination and Requirements of This AD**

The unsafe condition described previously is likely to exist or develop on other Hoffmann Propeller GmbH & Co KG Models HO-V343 and HO-V343K propellers of the same type design. We are issuing this AD to prevent propeller hub failure and blade separation due to an unknown root cause, leading to damage and possible loss of control of the airplane.

This AD requires initial and repetitive visual inspections of propeller blades for blade shake and blade nut preload. This AD also requires an ultrasonic inspection of the propeller hub and an eddy current inspection of the propeller hub if any cracks are discovered during ultrasonic inspection. Additionally, this AD requires sending a hub inspection report to the manufacturer. This AD also requires replacement of the propeller if any signs of blade shake, cracks, or other damage to the propeller hub outside serviceable limits are detected during the inspections. You must use the service information described previously to perform the actions required by this AD.

#### **FAA's Determination of the Effective Date**

Since an unsafe condition exists that requires the immediate adoption of this AD, we have found that notice and opportunity for public comment before issuing this AD are impracticable, and that good cause exists for making this amendment effective in less than 30 days.

#### **Interim Action**

These actions are interim actions and we may take further rulemaking actions in the future.

#### **Comments Invited**

This AD is a final rule that involves requirements affecting flight safety and was not preceded by notice and an opportunity for public comment; however, we invite you to send us any written relevant data, views, or

arguments regarding this AD. Send your comments to an address listed under **ADDRESSES**. Include "AD Docket No. FAA-2004-18958; Directorate Identifier 2004-NE-32-AD" in the subject line of your comments. We specifically invite comments on the overall regulatory, economic, environmental, and energy aspects of the rule that might suggest a need to modify it.

We will post all comments we receive, without change, to <http://dms.dot.gov>, including any personal information you provide. We will also post a report summarizing each substantive verbal contact with FAA personnel concerning this AD. Using the search function of the DMS Web site, anyone can find and read the comments in any of our dockets, including the name of the individual who sent the comment (or signed the comment on behalf of an association, business, labor union, etc.). You may review the DOT's complete Privacy Act Statement in the **Federal Register** published on April 11, 2000 (65 FR 19477-78) or you may visit <http://dms.dot.gov>.

#### Examining the AD Docket

You may examine the docket that contains the AD, any comments received, and any final disposition in person at the DMS Docket Offices between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays. The Docket Office (telephone (800) 647-5227) is located on the plaza level of the Department of Transportation Nassif Building at the street address stated in **ADDRESSES**. Comments will be available in the AD docket shortly after the DMS receives them.

#### Authority for This Rulemaking

Title 49 of the United States Code specifies the FAA's authority to issue rules on aviation safety. Subtitle I, Section 106, describes the authority of the FAA Administrator. Subtitle VII, Aviation Programs, describes in more detail the scope of the Agency's authority.

We are issuing this rulemaking under the authority described in Subtitle VII, Part A, Subpart III, Section 44701, "General requirements." Under that section, Congress charges the FAA with promoting safe flight of civil aircraft in air commerce by prescribing regulations for practices, methods, and procedures the Administrator finds necessary for safety in air commerce. This regulation is within the scope of that authority because it addresses an unsafe condition that is likely to exist or develop on products identified in this rulemaking action.

#### Regulatory Findings

We have determined that this AD will not have federalism implications under Executive Order 13132. This AD 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.

For the reasons discussed above, I certify that the regulation:

1. Is not a "significant regulatory action" under Executive Order 12866;
2. Is not a "significant rule" under the 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.

We prepared a summary of the costs to comply with this AD and placed it in the AD Docket. You may get a copy of this summary by sending a request to us at the address listed under **ADDRESSES**. Include "AD Docket No. 2004-NE-32-AD" in your request.

#### List of Subjects in 14 CFR Part 39

Air transportation, Aircraft, Aviation safety, Incorporation by reference, Safety.

#### Adoption of the Amendment

- Under 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. The FAA amends § 39.13 by removing Amendment 39-13778 (69 FR 53603, September 2, 2004), and by adding a new airworthiness directive, Amendment 39-14137, to read as follows:

**2005-13-01 Hoffmann Propeller GmbH & Co KG:** Amendment 39-14137. Docket No. FAA-2004-18958; Directorate Identifier 2004-E-32-AD.

#### Effective Date

- (a) This airworthiness directive (AD) becomes effective July 7, 2005.

#### Affected ADs

- (b) This AD supersedes AD 2004-18-01, Amendment 39-13778.

#### Applicability

(c) This AD applies to Hoffmann Propeller GmbH & Co KG (Hoffmann Propeller) models HO-V343 and HO-V343K propellers. These propellers are installed on, but not limited to, general aviation airplanes possibly having an FAA-approved Supplemental Type Certificate.

#### Unsafe Condition

(d) This AD results from a report of a blade separating from either a model HO-V343 or HO-V343K propeller. We are issuing this AD to prevent propeller hub failure and blade separation due to an unknown root cause, leading to damage and possible loss of control of the airplane.

#### Compliance

(e) You are responsible for having the actions required by this AD performed within the compliance times specified unless the actions have already been done.

#### Propeller Blade Shake Inspection During Preflight Inspection

(f) For all propellers, perform an inspection for propeller blade shake at each preflight inspection. If you have any blade shake, replace the propeller assembly.

#### Propeller Blade Nut Preload Inspection

(g) For all propellers, use paragraph 2.1 of the Accomplishment Instructions of Hoffmann Propeller Service Instruction (SI) No. 61-10-05 SI E 4D, dated March 16, 2005, to inspect blade nut preload at the following intervals:

- (1) Before further flight after the effective date of this AD.
- (2) Inspect within 50 flight hours (FH) time-since-initial inspection.
- (3) Thereafter, inspect within 100 FH time-since-last inspection (TSLI).
- (h) If the blade nut preload inspection shows a loss of the blade nut preload, before further flight perform an ultrasonic inspection (UI) as specified in paragraph (i) of this AD.

#### Ultrasonic Inspection

(i) If the propeller meets any of the conditions detailed in subparagraphs (1) and (2) below, before further flight, calibrate the ultrasonic probe and conduct an ultrasonic inspection of the propeller hub blade retaining threads for cracks inserting the probe in each hub arm bore. Use paragraph 2.2 of the Accomplishment Instructions of Hoffmann Propeller Service Instruction (SI) No. 61-10-05 SI E 4D, dated March 16, 2005, to perform the inspection.

(1) The propeller hub has accumulated 500 or more FH time-since-new (TSN), and has not been inspected using an ultrasonic or eddy current method, or

(2) The blade nut preload and final retorquer force inspection called for in paragraph (g) of this AD indicates a loss of blade retention nut preload torque below allowable limits.

(j) For propellers with hubs that have accumulated 500 or more FH TSN repeat the ultrasonic inspection within intervals of 100 FH TSLI.

**Eddy Current Inspection**

(k) If the ultrasonic inspection shows any signs of cracks or damage, conduct an eddy current inspection of the threads in the hub bore before further flight. Use paragraph 2.3 of the Accomplishment Instructions of Hoffmann Propeller Service Instruction (SI) No. 61-10-05 SI E 4D, dated March 16, 2005, to perform this inspection.

(l) If you find any signs of cracks or damage to the propeller hub outside serviceable limits during the eddy current inspection, repair or replace the propeller before further flight.

**Credit for Previous Inspections**

(m) Previous credit is allowed for propeller hub inspections performed under the requirements of AD 2004-18-01.

**Hub Inspection Report**

(n) Complete Hoffmann Hub Inspection Report HO-V343 detailing any blade shake, blade nut preload history and final blade nut retorquing force and forward report to Hoffmann Propeller GmbH & Co KG, K pferlingstra e 9, D-83022 Rosenheim, Germany, telephone ++49-(0)8031-1878-0; fax ++49-(0)8031-1878-78.

**Alternative Methods of Compliance (AMOCs)**

(o) The Manager, Boston Aircraft Certification Office, has the authority to approve alternative methods of compliance for this AD if requested using the procedures found in 14 CFR 39.19.

**Material Incorporated by Reference**

(p) You must use Hoffmann Propeller Service Instruction No. 61-10-05 SI E 4D, dated March 16, 2005, to perform the checks and inspections required by this AD. The Director of the Federal Register approved the incorporation by reference of this service bulletin in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. You can get a copy from Hoffmann Propeller GmbH & Co KG, K pferlingstra e 9, D-83022 Rosenheim, Germany, telephone ++49-(0)8031-1878-0; fax ++49-(0)8031-1878-78; or at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: [http://www.archives.gov/federal\\_register/code\\_of\\_federal\\_regulations/ibr\\_locations.html](http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html).

**Related Information**

(q) LBA airworthiness directive D-2004-352R4, dated April 10, 2005, which holds EASA Approval No. 2005-2514, also addresses the subject of this AD.

Issued in Burlington, Massachusetts, on June 13, 2005.

**Francis A. Favara,**

*Acting Manager, Engine and Propeller Directorate, Aircraft Certification Service.*

[FR Doc. 05-12172 Filed 6-21-05; 8:45 am]

BILLING CODE 4910-13-P

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

[Docket No. FAA-2005-21598; Directorate Identifier 2005-NM-121-AD; Amendment 39-14159; AD 2005-13-22]

RIN 2120-AA64

**Airworthiness Directives; Empresa Brasileira de Aeronautica S.A. (EMBRAER) Model EMB-135 Airplanes and Model EMB-145, -145ER, -145MR, -145LR, -145XR, -145MP, and -145EP Airplanes**

**AGENCY:** Federal Aviation Administration (FAA), Department of Transportation (DOT).

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

**SUMMARY:** The FAA is superseding an existing airworthiness directive (AD) that applies to all EMBRAER Model EMB-135 and -145 airplanes. The existing AD currently requires repetitive inspections of the electrical connectors of the electric fuel pumps to detect discrepancies, application of anti-corrosion spray, replacement of all fuel pumps with improved fuel pumps, repetitive inspections after all six fuel pumps are replaced, and applicable corrective actions. This new AD retains those requirements but revises the initial compliance time for an inspection for certain airplanes. This new AD is prompted by the need to correct a compliance time in the existing AD. We are issuing this AD to prevent an ignition source in the fuel tank or adjacent dry bay, which could result in fire or explosion.

**DATES:** Effective July 7, 2005.

On May 19, 2005 (70 FR 19685, April 14, 2005), the Director of the Federal Register approved the incorporation by reference of EMBRAER Service Bulletin 145-28-0013, dated April 25, 2001.

On October 3, 2000 (65 FR 56233, September 18, 2000), the Director of the Federal Register approved the incorporation by reference of EMBRAER Alert Service Bulletin S.B. 145-28-A013, dated August 16, 2000.

We must receive any comments on this AD by August 22, 2005.

**ADDRESSES:** Use one of the following addresses to submit comments on this AD.

- **DOT Docket Web Site:** Go to <http://dms.dot.gov> and follow the instructions for sending your comments electronically.

- **Government-wide Rulemaking Web Site:** Go to <http://www.regulations.gov>

and follow the instructions for sending your comments electronically.

- **Mail:** Docket Management Facility, U.S. Department of Transportation, 400 Seventh Street SW., Nassif Building, room PL-401, Washington, DC 20590.

- **Fax:** (202) 493-2251.

- **Hand Delivery:** Room PL-401 on the plaza level of the Nassif Building, 400 Seventh Street, SW., Washington, DC, between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays.

For service information identified in this AD, contact Empresa Brasileira de Aeronautica S.A. (EMBRAER), P.O. Box 343—CEP 12.225, Sao Jose dos Campos—SP, Brazil.

You can examine the contents of this AD docket on the Internet at <http://dms.dot.gov>, or in person at the Docket Management Facility, U.S. Department of Transportation, 400 Seventh Street, SW., room PL-401, on the plaza level of the Nassif Building, Washington, DC. This docket number is FAA-2005-21598; the directorate identifier for this docket is 2005-NM-121-AD.

**Examining the Docket**

You can examine the AD docket on the Internet at <http://dms.dot.gov>, or in person at the Docket Management Facility office between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays. The Docket Management Facility office (telephone (800) 647-5227) is located on the plaza level of the Nassif Building at the DOT street address stated in the **ADDRESSES** section. Comments will be available in the AD docket shortly after the Docket Management System (DMS) receives them.

**FOR FURTHER INFORMATION CONTACT:**

Todd Thompson, Aerospace Engineer, International Branch, ANM-116, FAA, Transport Airplane Directorate, 1601 Lind Avenue, SW., Renton, Washington 98055-4056; telephone (425) 227-1175; fax (425) 227-1149.

**SUPPLEMENTARY INFORMATION:** On April 1, 2005, the FAA issued AD 2005-08-02, amendment 39-14054 (70 FR 19685, April 14, 2005). That AD applies to all EMBRAER Model EMB-135 and -145 series airplanes. That AD requires repetitive inspections of the electrical connectors of the electric fuel pumps to detect discrepancies, follow-on corrective actions, replacement of discrepant fuel pumps under certain conditions, application of anti-corrosion spray, eventual replacement of all fuel pumps with improved fuel pumps; and repetitive inspections after all six fuel pumps are replaced. That AD was prompted by the manufacturer's development of a new modification that