

List of Subjects in 14 CFR Part 39

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

Adoption of the Amendment

■ Accordingly, under the authority delegated to me by the Administrator, the FAA amends 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 adding the following new AD:

2007-13-15 Alpha Aviation Design Limited (Type Certificate No. A48EU previously held by APEX Aircraft and AVIONS PIERRE ROBIN): Amendment 39-15119; Docket No. FAA-2006-26494; Directorate Identifier 2006-CE-079-AD.

Effective Date

(a) This airworthiness directive (AD) becomes effective August 10, 2007.

Affected ADs

(b) None.

Applicability

(c) This AD applies to Model R2160 airplanes, serial numbers 001 through 378, certificated in any category.

Subject

(d) Air Transport Association of America (ATA) Code 57: Wings.

Reason

(e) The mandatory continuing airworthiness information (MCAI) states:

To prevent unchecked corrosion developing on the wing spars due to access for inspections being difficult under normal maintenance practices, which could lead to an unsafe condition and possibly a catastrophic failure of the wing * * * The MCAI requires inspecting the visible parts of the spar web and the upper and lower boom angles (top and bottom spar caps) for corrosion and correcting as necessary.

Actions and Compliance

(f) Unless already done, do the following actions (Accomplishment of European Aviation Safety Agency (EASA) AD 2005-0028 satisfies the requirement of this AD):

(1) Initially within 60 months after aircraft date of manufacture or within 6 months after August 10, 2007 (the effective date of this AD), whichever occurs later, and thereafter at intervals not to exceed 24 months, remove the main landing gear legs and all the wing inspection panels following the instructions in the aircraft maintenance manual and inspect the visible parts of the spar web and the upper and lower boom angles (top and

bottom spar caps), following Avions Pierre Robin Service Letter No. 19, dated October 1980; and Avions Pierre Robin Service Bulletin No. 99, dated June 24, 1983. If the spars are replaced, then you must inspect within 60 months from the date of replacement and thereafter every 24 months.

(i) If, during any inspection required by paragraph (f)(1) of this AD, any sign of corrosion is found on the rear face of the spar web or the upper and lower boom angles, then inspect the front face of the spar for corrosion following Avions Pierre Robin Service Letter No. 19, dated October 1980; and Avions Pierre Robin Service Bulletin No. 99, dated June 24, 1983. It may be necessary to cut inspection holes or remove the wings to inspect the front face of the spar. Inspection holes must be prepared to a manufacturer-approved repair scheme.

(ii) If corrosion is found during any inspection required by this AD that does not exceed the limits specified in Avions Pierre Robin Service Letter No. 19, dated October 1980, treat the corrosion following Avions Pierre Robin Service Letter No. 19, dated October 1980; and Avions Pierre Robin Service Bulletin No. 99, dated June 24, 1983.

(2) If corrosion is found during any inspection required by this AD that exceeds the limits specified in Avions Pierre Robin Service Letter No. 19, dated October 1980, before further flight from when the corrosion is found that exceeds the limits:

(i) Obtain an FAA-approved repair scheme from the manufacturer; and
(ii) incorporate this repair scheme.

FAA AD Differences

Note: This AD differs from the MCAI and/or service information as follows: No differences.

Other FAA AD Provisions

(g) The following provisions also apply to this AD:

(1) *Alternative Methods of Compliance (AMOCs):* The Manager, Standards Staff, FAA, has the authority to approve AMOCs for this AD, if requested using the procedures found in 14 CFR 39.19. Send information to ATTN: Karl Schletzbaum, Aerospace Engineer, FAA, Small Airplane Directorate, 901 Locust, Room 301, Kansas City, Missouri 64106; telephone: (816) 329-4146; fax: (816) 329-4090. Before using any approved AMOC on any airplane to which the AMOC applies, notify your appropriate principal inspector (PI) in the FAA Flight Standards District Office (FSDO), or lacking a PI, your local FSDO.

(2) *Airworthy Product:* For any requirement in this AD to obtain corrective actions from a manufacturer or other source, use these actions if they are FAA-approved. Corrective actions are considered FAA-approved if they are approved by the State of Design Authority (or their delegated agent). You are required to assure the product is airworthy before it is returned to service.

(3) *Reporting Requirements:* For any reporting requirement in this AD, under the provisions of the Paperwork Reduction Act (44 U.S.C. 3501 et seq.), the Office of Management and Budget (OMB) has approved the information collection

requirements and has assigned OMB Control Number 2120-0056.

Related Information

(h) Refer to MCAI Civil Aviation Authority of New Zealand AD DCA/R2000/37A, dated December 21, 2006; Avions Pierre Robin Service Letter No. 19, dated October 1980; and Avions Pierre Robin Service Bulletin No. 99, dated June 24, 1983, for related information.

Material Incorporated by Reference

(i) You must use Avions Pierre Robin Service Letter No. 19, dated October 1980; and Avions Pierre Robin Service Bulletin No. 99, dated June 24, 1983, to do the actions required by this AD, unless the AD specifies otherwise.

(1) The Director of the Federal Register approved the incorporation by reference of this service information under 5 U.S.C. 552(a) and 1 CFR part 51.

(2) For service information identified in this AD, contact Alpha Aviation Ltd, Ingram Road, Hamilton Airport RD 2, Hamilton 2021, New Zealand; telephone: 011 64 7 843 7070; fax: 011 64 7 843 8040; Internet: <http://www.alphaaviation.co.nz>.

(3) You may review copies at the FAA, Central Region, Office of the Regional Counsel, 901 Locust, Room 506, Kansas City, Missouri 64106; 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/cfr/ibr-locations.html>.

Issued in Kansas City, Missouri, on June 21, 2007.

David R. Showers,

Acting Manager, Small Airplane Directorate, Aircraft Certification Service.

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

[Docket No. FAA-2007-27610 Directorate Identifier 2007-CE-023-AD; Amendment 39-15120; AD 2007-13-16]

RIN 2120-AA64

Airworthiness Directives; Diamond Aircraft Industries GmbH Model DA 42 Airplanes

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

ACTION: Final rule.

SUMMARY: We are adopting a new airworthiness directive (AD) for the products listed above. This AD results from mandatory continuing airworthiness information (MCAI) issued by an aviation authority of

- ### Affected ADs

SUMMARY: We are adopting a new airworthiness directive (AD) that supersedes AD 2006-22-08, which