
Sektion 2. Utlandstillverkad flygmateriel

TITEL: Sprickkontroll av vinge

GÄLLER: Modeller och S/N angivna i bifogad kopia av FAA AD 2000-10-22

ÅTGÄRD: Utför åtgärder angivna i FAA AD 2000-10-22

TID FÖR ÅTGÄRD: Inom tider angivna i FAA AD 2000-10-22

UNDERLAG: Revo Inc. Service Bulletin B-79 R1, reviderad 5 januari 2000 eller senare utgåva

REFERENS: FAA AD 2000-10-22

BESLUTSDATUM: 20 juni 2000

LFS 2000:86

Åtgärder enligt LVD utgör nödvändig förutsättning för ifrågavarande flygmateriels luftvärdighet. Referens BCL M 1.11.
Anteckning om åtgärd, som vidtagits i enlighet med LVD, skall införas i teknisk journal för berörd flygmateriel med hänvisning till ifrågavarande LVD-nummer. Angivet underlag refererar till senast gällande revision/utgåva. LVD utges i luftfartsverkets författningssamlingar LFS.

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U.S. Department
of Transportation
**Federal Aviation
Administration**

AD's are posted on the internet at <http://av-info.faa.gov>

The following Airworthiness Directive issued by the Federal Aviation Administration in accordance with the provisions of Title 14 of the Code of Federal Regulations (14 CFR) part 39, applies to an aircraft model of which our records indicate you may be the registered owner. Airworthiness Directives affect aviation safety and are regulations which require immediate attention. You are cautioned that no person may operate an aircraft to which an Airworthiness Directive applies, except in accordance with the requirements of the Airworthiness Directive (reference 14 CFR part 39, subpart 39.3).

2000-10-22 REVO, INCORPORATED: Amendment 39-11746; Docket No. 99-CE-27-AD.

(a) **What airplanes are affected by this AD?** This AD applies to the following model and serial number airplanes, certificated in any category; that incorporate any of the wing spar part numbers (or FAA-approved equivalent part numbers) that are specified below the airplane models and serial numbers:

Affected Airplanes

Model	Serial Numbers
Lake LA-4	246 through 421, 423 through 429, 445, and 446
Lake LA-4A	244 and 245
Lake LA-4P	121
Lake LA-4-200	422, 430 through 444, and all serial numbers after 446
Lake Model 250	1 through 232

Wing Spar Part Numbers Incorporated

Wing Spar Parts	Part Numbers
Upper Spar Cap Angles	2-1610-015 and 2-1610-016
Lower Spar Cap Angles	2-1610-075 and 2-1610-076
Upper Spar Doublers	2-1610-061 and 2-1610-081 and 2-1610-065
Lower Spar Doublers	2-1610-063 and 2-1610-083

(b) **Who must comply with this AD?** This AD applies to anyone who wishes to operate any of the above airplanes on the U.S. Register.

(c) **What problem does this AD address?** The actions of this AD are intended to detect and correct cracks in the wing spars, which could result in loss of the wing with consequent loss of control of the airplane.

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

ACTION	WHEN	PROCEDURES
(1) Inspect the left and right wing upper and lower spar doublers for cracks.	At whichever of the following that occurs first: (i) Within the next 50 hours time-in-service (TIS) after June 20, 2000 (the effective date of this AD); or (ii) On or before June 20, 2001 (12 months after the effective date of this AD).	In accordance with the Inspection section of Revo, Inc. Service Bulletin B-79 R1 - Revised January 5, 2000.
(2) Replace any cracked wing spar doubler with a new part that incorporates the same part number (or FAA-approved equivalent part number).	Prior to further flight after the required inspection.	In accordance with the applicable maintenance manual.
(3) Incorporate Modification Kit B-79.	Prior to further flight after the required inspection.	In accordance with the Kit Installation section of Revo, Inc. Service Bulletin B-79 R1 - Revised January 5, 2000.

(e) **What if I need to replace a wing on my airplane?** After the effective date of this AD, you may not install a wing on any of the affected airplanes, unless one of the following exists:

(1) The wing is new from the factory; or

(2) The inspection, applicable replacement, and kit incorporation requirements of this AD have been accomplished at the time of installation.

(f) **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, Boston 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, Boston ACO.

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 (f) 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.

(g) **Where can I get information about any already-approved alternative methods of compliance?** Contact Mr. Richard B. Noll, Aerospace Engineer, FAA, Boston Aircraft Certification Office, 12 New England Executive Park, Burlington, Massachusetts 01803; telephone: (781) 238-7160; facsimile: (781) 238-7199.

(h) **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.

(i) **Are any service bulletins incorporated into this AD by reference?** Actions required by this AD must be done in accordance Revo, Inc. Service Bulletin B-79 R1 - Revised January 5, 2000. The Director of the Federal Register approved this incorporation by reference under 5 U.S.C. 552(a) and 1 CFR part 51. You can get copies from REVO, Incorporated, P.O. Box 312, One High Street, Sanford, Maine 04073. You can look at copies at 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.

(j) **When does this amendment become effective?** This amendment becomes effective on June 20, 2000.

FOR FURTHER INFORMATION CONTACT:

Mr. Richard B. Noll, Aerospace Engineer, FAA, Boston Aircraft Certification Office, 12 New England Executive Park, Burlington, Massachusetts 01803; telephone: (781) 238-7160; facsimile: (781) 238-7199.

Issued in Kansas City, Missouri, on May 17, 2000.

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