

What Airplanes Are Affected by This AD?

(c) This AD affects the following airplane models and serial numbers that are:

- (1) Certificated in any category; and
- (2) Equipped with forward and aft dihedral fittings, part number (P/N) 111.34.07.469, 111.34.07.470, 111.34.07.471, and P/N 111.34.07.472.

Model	Manufacturer serial Nos. (MSN)
PC-7	101 through 618.

What Is the Unsafe Condition Presented in This AD?

(d) This AD is the result of mandatory continuing airworthiness information (MCAI)

issued by the airworthiness authority for Switzerland. The actions specified by this AD are intended to prevent cracks from developing in the forward and aft dihedral fittings, which could result in failure of the wing in certain maneuvers. Such failure could lead to loss of control of the airplane.

What Must I Do To Address This Problem?

(e) To address this problem, you must accomplish the following:

Actions	Compliance	Procedures
(1) Accomplish the following inspections: (i) Using Impedance-Plane Eddy-Current inspection procedures, inspect the aft dihedral fittings, P/N 111.34.07.469 and P/N 111.34.07.470, for cracks; and (ii) Using Radiographic inspection procedures, inspect the forward dihedral fittings, P/N 111.34.07.471 and P/N 111.34.07.472, for cracks	At whichever of the following occurs later, unless already accomplished: upon the accumulation of 3,000 hours time-in-service (TIS) on the dihedral fittings or 10 years after installation of the dihedral fittings, whichever occurs first; or within 90 days after November 14, 2003 (the effective date of this AD).	Inspect in accordance with Pilatus PC-7 Service Bulletin No. 57-006, Revision No. 3, dated January 15, 2003.
(2) If a crack is found in any aft dihedral fittings, P/N 111.34.07.469 and/or P/N 111.34.07.470, replace with an improved fitting, P/N 557.10.09.071 and/or P/N 557.10.09.072 (as applicable or FAA-approved equivalent P/N), and modify the spar-cap bolt holes	Prior to further flight after the inspection required in paragraph (e)(1) of this AD.	Modify in accordance with Pilatus PC-7 Service Bulletin No. 57-006, Revision No. 3, dated January 15, 2003.
(3) If no cracks are found in any aft dihedral fittings, P/N 111.34.07.469 and P/N 111.34.07.470, modify the fittings and the spar-cap bolt holes	Prior to further flight after the inspection required in paragraph (e)(1) of this AD.	Modify in accordance with Pilatus PC-7 Service Bulletin No. 57-006, Revision No. 3, dated January 15, 2003.
(4) If cracks are found in any forward dihedral fittings, P/N 111.34.07.471 and/or P/N 111.34.07.472, replace with a new part	Prior to further flight after the inspection required in paragraph (e)(1) of this AD.	Not applicable.
(5) If no cracks are found in any forward dihedral fittings, P/N 111.34.07.471 and P/N 111.34.07.472, no further action is required	Not applicable	Not applicable.
(6) Only install aft dihedral fittings that have a P/N of 557.10.09.071 and P/N 557.10.09.072. You must also accomplish the spar-cap bolt hole modification	As of November 14, 2003 (the effective date of this AD).	Modify the spar-cap bolt holes in accordance with Pilatus PC-7 Service Bulletin No. 57-006, Revision No. 3, dated January 15, 2003.

What About Alternative Methods 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 39.13. Send your request to the Manager, Standards Office, Small Airplane Directorate, FAA. For information on any already approved alternative methods of compliance, contact Doug Rudolph, Aerospace Engineer, FAA, Small Airplane Directorate, 901 Locust, Room 301, Kansas City, Missouri 64106; telephone: (816) 329-4059; facsimile: (816) 329-4090.

Is There Material Incorporated by Reference?

(g) Actions required by this AD must be done in accordance with Pilatus PC-7 Service Bulletin No. 57-006, Revision No. 3, dated January 15, 2003. 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 may get a copy from Pilatus Aircraft Ltd., Customer Liaison Manager, CH-6371 Stans, Switzerland; telephone: +41 41 619 63 19; facsimile: +41 41 619 6224; or from Pilatus Business Aircraft Ltd., Product Support Department, 11755 Airport Way, Broomfield, Colorado 80021; telephone: (303) 465-9099; facsimile: (303) 465-6040. You may review copies at FAA, Central Region, Office of the Regional Counsel, 901 Locust, Room 506, Kansas City, Missouri 64106; or at the Office of the Federal Register, 800 North Capitol Street, NW, suite 700, Washington, DC.

Is There Other Information That Relates to This Subject?

(h) Swiss AD HB 2003-196, dated May 12, 2003, also addresses the subject of this AD.

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

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