

2009-26-01 Cirrus Design Corporation: Amendment 39-16136; Docket No. FAA-2009-1162; Directorate Identifier 2009-CE-066-AD.

Effective Date

(a) This AD becomes effective on December 21, 2009.

Affected ADs

(b) None.

Applicability

(c) This AD applies to Model SR22 airplanes; serial numbers 3409, 3411 through 3430, 3432 through 3441, 3443 through 3450, 3455 through 3465, 3467, 3468, 3470 through 3472, 3485, 3486, 3488, 3489, 3491 through 3493, 3495 through 3500, 3504, 3505, 3512, 3513, 3517, 3524, 3525, 3528, and 3546 that are:

- (1) Equipped with an anti-ice system approved for flight into known icing; and
- (2) Certificated in any category.

Subject

(d) Air Transport Association of America (ATA) Code 30: Ice and Rain Protection.

Unsafe Condition

(e) This AD is the result of an anti-ice fluid line separation during a quality assurance inspection at the manufacturing plant. We are issuing this AD to detect and correct anti-ice fluid distribution lines with improperly installed compression fittings, which could result in anti-ice fluid distribution line separation. A line separation could result in a total loss of ice protection fluid supply to the protected surfaces, which would allow ice to build on the airplane and degrade the handling qualities and performance.

Compliance

(f) To address this problem, you must do the following, unless already done:

Actions	Compliance	Procedures
(1) Fabricate a placard (using at least 1/8-inch letters) with the following words and install a placard on the instrument panel within the pilot's clear view: "FLIGHT INTO KNOWN OR FORECAST ICING PROHIBITED."	Before further flight after December 21, 2009 (the effective date of this AD), unless the inspection requirement of paragraph (f)(2) has already been done.	Not Applicable.

<p>(2) Inspect and repair as necessary the anti-ice fluid line compression fittings. Accomplishment of all of the actions specified in Cirrus SR22 service bulletin SB 2X-30-08, dated November 9, 2009, terminates the placard requirements specified in paragraph (f)(1) of this AD.</p>	<p>(i) Inspect at the next scheduled inspection after December 21, 2009 (the effective date of this AD) or within the next 100 hours time-in-service after December 21, 2009 (the effective date of this AD), whichever occurs first.</p> <p>(ii) Repair before further flight after the inspection specified in paragraph (f)(2) of this AD where any incorrectly installed compression fittings are found.</p>	<p>Follow Cirrus SR22 Service Bulletin SB 2X-30-08, dated November 9, 2009.</p>
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Alternative Methods of Compliance (AMOCs)

(g) The Manager, Chicago Aircraft Certification Office (ACO), 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: Anthony Flores, Aerospace Engineer, Chicago Aircraft Certification Office (ACO), 2300 E. Devon Ave., Room 107, Des Plaines, Illinois 60018; telephone: (847) 294-7140; fax: (847) 294- 7834. 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.

Material Incorporated by Reference

(h) You must use Cirrus SR22 Service Bulletin SB 2X-30-08, dated November 9, 2009, 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 Cirrus Design Corporation, 4515 Taylor Circle, Duluth, MN 55811- 1548; telephone: (218) 788-3000; fax: (218) 788-3525; e-mail: fieldservice@cirrusaircraft.com; Internet: [http:// cirrusaircraft.com](http://cirrusaircraft.com).

(3) You may review copies of the service information incorporated by reference for this AD at the FAA, Central Region, Office of the Regional Counsel, 901 Locust, Kansas City, Missouri 64106. For information on the availability of this material at the Central Region, call (816) 329-3768.

(4) You may also review copies of the service information incorporated by reference for this AD 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.