
(a) Effective Date

This AD is effective April 7, 2014.

(b) Affected ADs

None.

(c) Applicability


(d) Subject

Joint Aircraft System Component (JASC)/Air Transport Association (ATA) of America Code: 11, Placards and Markings.

(e) Unsafe Condition

This AD was prompted by an investigation of recent and historical icing-related accidents and incidents for the products listed above. We are issuing this AD to prohibit flight into known icing conditions as well as increase the approach speed in case of an inadvertent encounter with icing. This condition, if not corrected, could result in unusual flight characteristics that could lead to loss of control after flight into known icing conditions or an inadvertent encounter with icing conditions. Based on the data, an example of the unusual flight characteristics seen in many of the accidents is high sink speeds that resulted in a hard landing.

(f) Compliance

Comply with the actions specified in paragraphs (g) through (i) of this AD, to include all subparagraphs, unless already done.

(g) Incorporate Operational Limitations

Within 100 hours time-in-service (TIS) after April 7, 2014 (the effective date of this AD) or within 3 calendar months after April 7, 2014 (the effective date of this AD), whichever occurs first, incorporate the operational limitations by accomplishing either paragraph (g)(1) or (g)(2) of this AD, to include all subparagraphs:

(1) Incorporate the limitations identified in Appendix 1 of this AD into your airplane maintenance records and install a copy of the approved supplemental airplane flight manual/airplane flight manual supplement (SAFM/AFMS) in Appendix 1 of this AD in the airplane accessible to the pilot; or

(2) Install the following placards:
(i) Cessna placard part number (P/N) DP0500-13 or a placard that states: "This airplane is prohibited from flight into known icing conditions." If installing the Cessna placard P/N DP0500-13, obtain the placard following Cessna Aircraft Company Service Bulletin MEB97-4, dated March 24, 1997; and

(ii) An additional placard for the applicable airspeed indicator readings listed in paragraph (g)(2)(A) or (g)(2)(B) below, as applicable:

(A) If Airspeed Indicator Reads in MPH. Placard states: "For inadvertent encounters with icing conditions, increase published airspeed on approach at least 17 mph."

(B) If Airspeed Indicator Reads in Knots. Placard states: "For inadvertent encounters with icing conditions, increase published airspeed on approach at least 15 KIAS."

(h) Placard Installation

Install the placards on the instrument panel in clear view of the pilot using 1/8-inch black lettering on a white background.

(i) Pilot Authorization

In addition to the provisions of 14 CFR 43.3 and 43.7, the actions required by paragraphs (g)(1) and (g)(2) of this AD, to include all subparagraphs, may be performed by the owner/operator (pilot) holding at least a private pilot certificate and must be entered into the airplane records showing compliance with this AD in accordance with 14 CFR 43.9 (a)(1)-(4) and 14 CFR 91.417(a)(2)(v). The record must be maintained as required by 14 CFR 91.417. This authority is not applicable to aircraft being operated under 14 CFR part 119.

(j) Special Flight Permit

Special flight permits are permitted with the following limitation: flight into known icing is prohibited.

(k) Alternative Methods of Compliance (AMOCs)

(1) The Manager, Wichita 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. In accordance with 14 CFR 39.19, send your request to your principal inspector or local Flight Standards District Office, as appropriate. If sending information directly to the manager of the ACO, send it to the attention of the person identified in the Related Information section of this AD.

(2) Before using any approved AMOC, notify your appropriate principal inspector, or lacking a principal inspector, the manager of the local flight standards district office/certificate holding district office.

(l) Related Information

For more information about this AD, contact Dan Withers, Program Manager, FAA, Wichita ACO, 1801 S. Airport Road, Room 100, Wichita, Kansas 67209; telephone: (316) 946-4137; fax: (316) 946-4107; email: dan.withers@faa.gov.
(m) Material Incorporated by Reference

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

(2) You must use this service information as applicable to do the actions required by this AD, unless the AD specifies otherwise.


(ii) Reserved.

(3) For Cessna Aircraft Company service information identified in this AD, contact Cessna Aircraft Company, Product Support, P.O. Box 7706, Wichita, KS 67277; telephone: (316) 517-5800; fax: (316) 517-7271; email: customercare@cessna.textron.com; Internet: http://www.cessna.com/.

(4) You may view this service information at FAA, FAA, Small Airplane Directorate, 901 Locust, Kansas City, MO 64106. For information on the availability of this material at the FAA, call (816) 329-4148.

(5) You may view this service information that is incorporated by reference 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.
Appendix 1 to Airworthiness Directive 2014-03-03

Supplemental Airplane Flight Manual (SAFM) for Airplanes Without an Approved AFM or Airplane Flight Manual Supplement (AFMS) For Airplanes With an FAA-Approved AFM or POH/AM