

(1) *Alternative Methods of Compliance (AMOCs)*: The Manager, International Branch, ANM-116, Transport Airplane Directorate, 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 International Branch, send it to ATTN: Vladimir Ulyanov, Aerospace Engineer, International Branch, ANM 116, Transport Airplane Directorate, FAA, 1601 Lind Avenue SW., Renton, WA 98057-3356; telephone 425-227-1138; fax 425-227-1149. Information may be emailed to: [9-ANM-116-AMOC-REQUESTS@faa.gov](mailto:9-ANM-116-AMOC-REQUESTS@faa.gov). 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. The AMOC approval letter must specifically reference this AD.

(2) *Contacting the Manufacturer*: For any requirement in this AD to obtain corrective actions from a manufacturer, the action must be accomplished using a method approved by the Manager, International Branch, ANM-116, Transport Airplane Directorate, FAA; or the European Aviation Safety Agency (EASA); or Airbus's EASA Design Organization Approval (DOA). If approved by the DOA, the approval must include the DOA-authorized signature.

#### (p) Related Information

(1) Refer to Mandatory Continuing Airworthiness Information (MCAI) EASA Airworthiness Directive 2013-0274, dated November 15, 2013, for related information. This MCAI may be found in the AD docket on the Internet at <http://www.regulations.gov> by searching for and locating Docket No. FAA-2015-0076.

(2) For Airbus service information identified in this AD, contact Airbus SAS, Airworthiness Office—EAL, 1 Rond Point Maurice Bellonte, 31707 Blagnac Cedex, France; telephone +33 5 61 93 36 96; fax +33 5 61 93 45 80; email [airworthiness.A330-A340@airbus.com](mailto:airworthiness.A330-A340@airbus.com); Internet <http://www.airbus.com>. For Hamilton Sundstrand service information identified in this AD, contact Hamilton Sundstrand, Technical Publications, Mail Stop 302-9, 4747 Harrison Avenue, P.O. Box 7002, Rockford, IL 61125-7002; telephone 860-654-3575; fax 860-998-4564; email [tech.solutions@hs.utc.com](mailto:tech.solutions@hs.utc.com); Internet <http://www.hamiltonsundstrand.com>. You may view the referenced service information at the FAA, Transport Airplane Directorate, 1601 Lind Avenue SW., Renton, WA. For information on the availability of this material at the FAA, call 425-227-1221.

Issued in Renton, Washington, on January 14, 2015.

**John P. Piccola, Jr.,**

*Acting Manager, Transport Airplane Directorate, Aircraft Certification Service.*

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## DEPARTMENT OF TRANSPORTATION

### Federal Aviation Administration

#### 14 CFR Part 39

[Docket No. FAA-2014-1044; Directorate Identifier 2014-NM-148-AD]

RIN 2120-AA64

#### Airworthiness Directives; Cessna Aircraft Company Airplanes

**AGENCY:** Federal Aviation Administration (FAA), DOT.

**ACTION:** Notice of proposed rulemaking (NPRM).

**SUMMARY:** We propose to adopt a new airworthiness directive (AD) for certain Cessna Aircraft Company Model 500, 501, 550, 551, S550, 560, and 650 airplanes. This proposed AD was prompted by reports of smoke and/or fire in the tailcone caused by sparking due to excessive wear of the brushes in the air conditioning (A/C) motor. This proposed AD would require inspections to determine if certain A/C compressor motors are installed and to determine the accumulated hours on certain A/C compressor motor assemblies; and repetitive replacement of the brushes in the A/C compressor motor assembly, or, as an option to the brush replacement, deactivation of the A/C system and placard installation; and return of replaced brushes to Cessna. We are proposing this AD to prevent the brushes in the A/C motor from wearing down beyond their limits, which could result in the rivet in the brush contacting the commutator, causing sparks and consequent fire and/or smoke in the tailcone with no means to detect or extinguish the fire and/or smoke.

**DATES:** We must receive comments on this proposed AD by March 9, 2015.

**ADDRESSES:** You may send comments, using the procedures found in 14 CFR 11.43 and 11.45, by any of the following methods:

- *Federal eRulemaking Portal:* Go to <http://www.regulations.gov>. Follow the instructions for submitting comments.
- *Fax:* 202-493-2251.
- *Mail:* U.S. Department of Transportation, Docket Operations, M-30, West Building Ground Floor, Room W12-140, 1200 New Jersey Avenue SE., Washington, DC 20590.
- *Hand Delivery:* Deliver to Mail address above between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays.

For service information identified in this proposed AD, contact Cessna Aircraft Co., P.O. Box 7706, Wichita, KS

67277; telephone 316-517-6215; fax 316-517-5802; email [citationpubs@cessna.textron.com](mailto:citationpubs@cessna.textron.com); Internet <https://www.cessnasupport.com/newlogin.html>. You may view this referenced service information at the FAA, Transport Airplane Directorate, 1601 Lind Avenue SW., Renton, WA. For information on the availability of this material at the FAA, call 425-227-1221.

#### Examining the AD Docket

You may examine the AD docket on the Internet at <http://www.regulations.gov> by searching for and locating Docket No. FAA-2014-1044; or in person at the Docket Management Facility between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays. The AD docket contains this proposed AD, the regulatory evaluation, any comments received, and other information. The street address for the Docket Office (phone: 800-647-5527) is in the **ADDRESSES** section. Comments will be available in the AD docket shortly after receipt.

#### FOR FURTHER INFORMATION CONTACT:

Craig Henrichsen, Aerospace Engineer, Electrical Systems and Avionics Branch, ACE-119W, FAA, Wichita Aircraft Certification Office (ACO), 1801 Airport Road, Room 100, Mid-Continent Airport, Wichita, KS 67209; phone: 316-946-4110; fax: 316-946-4107; email: [Craig.Henrichsen@faa.gov](mailto:Craig.Henrichsen@faa.gov).

#### SUPPLEMENTARY INFORMATION:

#### Comments Invited

We invite you to send any written relevant data, views, or arguments about this proposal. Send your comments to an address listed under the **ADDRESSES** section. Include "Docket No. FAA-2014-1044; Directorate Identifier 2014-NM-148-AD" at the beginning of your comments. We specifically invite comments on the overall regulatory, economic, environmental, and energy aspects of this proposed AD. We will consider all comments received by the closing date and may amend this proposed AD because of those comments.

We will post all comments we receive, without change, to <http://www.regulations.gov>, including any personal information you provide. We will also post a report summarizing each substantive verbal contact we receive about this proposed AD.

#### Discussion

We have received reports of smoke/fire (three reports of fire) in the tailcone of Cessna Aircraft Company Model 525, 550, and 560 airplanes, where investigation revealed brushes had worn

beyond their limits on the part number (P/N) 1134104-1 A/C compressor motors. The motor assembly is located in the airplane tailcone where flammable fluids in the form of fuel lines and hydraulics are present. There is no fire detection or extinguishing system in the tailcone. We are proposing this AD to prevent the brushes in the air conditioning motor from wearing down beyond their limits, which could result in the rivet in the brush contacting the commutator, causing sparks and consequent fire and/or smoke in the tailcone with no means to detect or extinguish the fire and/or smoke.

The subject part, P/N 1134104-1 A/C compressor motors, might also be installed on Model 500, 501, 551, S550, and 650 airplanes. Therefore, those Model 500, 501, 551, S550, and 650 airplanes might be subject to the unsafe condition revealed on Model 525, 550, and 560 airplanes.

#### Related ADs

AD 2013-09-11, Amendment 39-17453 (78 FR 32349, May 30, 2013), was issued for certain Cessna Aircraft Company Model 500, 501, 550, 551, S550, 560, 560XL, and 650 airplanes. AD 2013-09-11 requires inspecting to determine if certain A/C compressor motors are installed and to determine the accumulated hours on certain A/C compressor motor assemblies; and repetitive replacement of the brushes in the A/C compressor motor assembly, or, as an option to the brush replacement, deactivation of the A/C system and placard installation; and return of replaced brushes to Cessna.

After AD 2013-09-11, Amendment 39-17453 (78 FR 32349, May 30, 2013), was published the FAA received several questions asking if AD 2013-09-11 is applicable to airplanes having an air conditioning system installed via any of the following Fort Worth Airworks supplemental type certificates (STCs):

- SA3849SW ([http://rgl.faa.gov/Regulatory\\_and\\_Guidance\\_Library/rqstc.nsf/0/029C5719AD18E79C86257C1A0069742C?OpenDocument&Highlight=sa3849sw](http://rgl.faa.gov/Regulatory_and_Guidance_Library/rqstc.nsf/0/029C5719AD18E79C86257C1A0069742C?OpenDocument&Highlight=sa3849sw));
- SA7580SW ([http://rgl.faa.gov/Regulatory\\_and\\_Guidance\\_Library/rqstc.nsf/0/7C9B0FB7D5923D4986257C1A0069E2C0?OpenDocument&Highlight=sa7580sw](http://rgl.faa.gov/Regulatory_and_Guidance_Library/rqstc.nsf/0/7C9B0FB7D5923D4986257C1A0069E2C0?OpenDocument&Highlight=sa7580sw));
- SA7753SW ([http://rgl.faa.gov/Regulatory\\_and\\_Guidance\\_Library/rqstc.nsf/0/A78233CBB3314BAF86257C1A0069D128?OpenDocument&Highlight=sa7753sw](http://rgl.faa.gov/Regulatory_and_Guidance_Library/rqstc.nsf/0/A78233CBB3314BAF86257C1A0069D128?OpenDocument&Highlight=sa7753sw)); or
- SA8918SW ([http://rgl.faa.gov/Regulatory\\_and\\_Guidance\\_Library/rqstc.nsf/0/5FAD7ABA3EAA464](http://rgl.faa.gov/Regulatory_and_Guidance_Library/rqstc.nsf/0/5FAD7ABA3EAA464)

*C86257C1A0069F239?OpenDocument&Highlight=sa8918sw*).

The A/C compressor motor part numbers installed via these STCs are the same as in AD 2013-09-11, except the prefix "FWA" has been added to the part numbers of the A/C compressor motor installed via the STCs (FWA1134104-1 or FWA1134104-5).

Based on a discussion between the FAA and Cessna, we determined that AD 2013-09-11, Amendment 39-17453 (78 FR 32349, May 30, 2013), should also apply to A/C compressor motor airplanes with P/N FWA1134104-1 or P/N FWA1134104-5 installed. Instead of superseding AD 2013-09-11 to add these airplanes to the applicability, the FAA is issuing this new proposed AD applicable only to airplanes with P/N FWA1134104-1 or P/N FWA1134104-5 installed.

Cessna Model 560XL airplanes are not included in the applicability of this proposed AD because the Fort Worth Airworks STCs identified previously are not installed on that airplane model.

AD 2013-08-05, Amendment 39-17422 (78 FR 24343, April 25, 2013), addresses the same unsafe condition that prompted this proposed AD. AD 2013-08-05 is applicable to Cessna Aircraft Company Model 525 airplanes. The Fort Worth Airworks STCs referenced above do not apply to the Cessna Model 525 airplanes; therefore, this proposed AD does not affect AD 2013-08-05.

After AD 2013-08-05, Amendment 39-17422 (78 FR 24343, April 25, 2013); and AD 2013-09-11, Amendment 39-17453 (78 FR 32349, May 30, 2013); were published, the FAA determined that there are some airplanes on which the air conditioning motor system had been installed via the Fort Worth Airworks STCs mentioned previously, and an A/C compressor hour meter was not part of the type design. To assist in future compliance with this proposed AD, an A/C compressor hour meter may be installed. The installation can be done using Cessna Service Letter CIL-21-02, dated January 23, 2014, or by a method approved by the FAA.

#### Related Service Information

We have reviewed the following service information, which describes procedures for replacement of life-limited components including P/N FWA1134104-1 or FWA1134104-5 A/C compressor motor brushes.

- Subject 4-11-00, Replacement Time Limits, of Chapter 4, Airworthiness Limitations, Revision 6, dated June 23, 2014, of the Cessna Model 500/501 Maintenance Manual.

- Subject 4-11-00, Replacement Time Limits, of Chapter 4, Airworthiness Limitations, Revision 10, dated June 23, 2014, of the Cessna Model 550/551 Maintenance Manual.

- Subject 4-11-00, Replacement Time Limits, of Chapter 4, Airworthiness Limitations, Revision 12, dated June 23, 2014, of the Cessna Model 550 Bravo Maintenance Manual.

- Subject 4-11-00, Replacement Time Limits, of Chapter 4, Airworthiness Limitations, Revision 9, dated June 23, 2014, of the Cessna Model S550 Maintenance Manual.

- Subject 4-11-00, Replacement Time Limits, of Chapter 4, Airworthiness Limitations, Revision 22, dated June 23, 2014, of the Cessna Model 560 Maintenance Manual.

- Subject 4-11-00, Replacement Time Limits, of Chapter 4, Airworthiness Limitations, Revision 32, dated June 23, 2014, of the Cessna Model 650 Maintenance Manual.

#### FAA's Determination

We are proposing this AD because we evaluated all the relevant information and determined the unsafe condition described previously is likely to exist or develop in other products of these same type designs.

#### Proposed AD Requirements

This proposed AD would require an inspection to determine if certain A/C compressor motors are installed; an inspection of the A/C compressor hour meter for certain A/C compressor motors to determine the number of hours accumulated on the motors; and repetitive replacement of the brushes in the A/C compressor motor assembly, or optional deactivation of the A/C system and installation of a placard prohibiting use of the A/C system until replacement of the brushes. This proposed AD would also require, when the brushes are replaced, reporting aircraft information related to the replacement of the brushes and sending the replaced motor brushes to Cessna Aircraft Company for two replacement cycles.

#### Interim Action

We consider this proposed AD interim action. The reporting data required by this proposed AD will enable us to obtain better insight into brush wear. The reporting data will also indicate if the replacement intervals we established are adequate. After we analyze the reporting data received, we might consider further rulemaking.

#### Costs of Compliance

We estimate that this proposed AD affects 333 airplanes of U.S. registry.

We estimate the following costs to comply with this proposed AD:

#### ESTIMATED COSTS—BRUSH REPLACEMENT

Action	Labor cost	Parts cost	Cost per product	Cost on U.S. operators
Inspection and replacement.	11 work-hours × \$85 per hour = \$935 per replacement cycle.	\$252	\$1,187 per replacement cycle.	\$395,271 per replacement cycle.
Reporting/return parts .....	1 work-hour × \$85 per hour = \$85 per return.	\$0	\$85 .....	\$4,995 per return (2 returns required).

#### ESTIMATED COSTS—A/C DEACTIVATION

Action	Labor cost	Parts cost	Cost per product
Fabrication of placard for A/C deactivation .....	1 work-hour × \$85 per hour = \$85 .....	\$0	\$85
Deactivation/reactivation of A/C .....	1 work-hour × \$85 per hour = \$85 .....	0	85

### Paperwork Reduction Act

A federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to penalty for failure to comply with a collection of information subject to the requirements of the Paperwork Reduction Act unless that collection of information displays a current valid OMB control number. The control number for the collection of information required by this AD is 2120–0056. The paperwork cost associated with this AD has been detailed in the Costs of Compliance section of this document and includes time for reviewing instructions, as well as completing and reviewing the collection of information. Therefore, all reporting associated with this AD is mandatory. Comments concerning the accuracy of this burden and suggestions for reducing the burden should be directed to the FAA at 800 Independence Ave. SW., Washington, DC 20591, ATTN: Information Collection Clearance Officer, AES–200.

### Authority for This Rulemaking

Title 49 of the United States Code specifies the FAA's authority to issue rules on aviation safety. Subtitle I, section 106, describes the authority of the FAA Administrator. Subtitle VII: Aviation Programs, describes in more detail the scope of the Agency's authority.

We are issuing this rulemaking under the authority described in Subtitle VII, Part A, Subpart III, Section 44701: "General requirements." Under that section, Congress charges the FAA with promoting safe flight of civil aircraft in air commerce by prescribing regulations for practices, methods, and procedures the Administrator finds necessary for

safety in air commerce. This regulation is within the scope of that authority because it addresses an unsafe condition that is likely to exist or develop on products identified in this rulemaking action.

### Regulatory Findings

We determined that this proposed AD would not have federalism implications under Executive Order 13132. This proposed AD would not have a substantial direct effect on the States, on the relationship between the national Government and the States, or on the distribution of power and responsibilities among the various levels of government.

For the reasons discussed above, I certify this proposed regulation:

- (1) Is not a "significant regulatory action" under Executive Order 12866,
- (2) Is not a "significant rule" under the DOT Regulatory Policies and Procedures (44 FR 11034, February 26, 1979),
- (3) Will not affect intrastate aviation in Alaska, and
- (4) Will not have a significant economic impact, positive or negative, on a substantial number of small entities under the criteria of the Regulatory Flexibility Act.

### List of Subjects in 14 CFR Part 39

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

### The Proposed Amendment

Accordingly, under the authority delegated to me by the Administrator, the FAA proposes to amend 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 airworthiness directive (AD):

**Cessna Aircraft Company:** Docket No. FAA–2014–1044; Directorate Identifier 2014–NM–148–AD.

#### (a) Comments Due Date

We must receive comments by March 9, 2015.

#### (b) Affected ADs

None.

#### (c) Applicability

This AD applies to the Cessna Aircraft Company airplanes, certificated in any category, identified in table 1 to paragraph (c) of this AD, that have an air conditioning system installed via a Fort Worth Airworks supplemental type certificate (STC) identified in paragraph (c)(1), (c)(2), (c)(3), or (c)(4) of this AD.

(1) SA3849SW ([http://rgl.faa.gov/Regulatory\\_and\\_Guidance\\_Library/rgstc.nsf/0/029C5719AD18E79C86257C1A0069742C?OpenDocument&Highlight=sa3849sw](http://rgl.faa.gov/Regulatory_and_Guidance_Library/rgstc.nsf/0/029C5719AD18E79C86257C1A0069742C?OpenDocument&Highlight=sa3849sw)).

(2) SA7580SW ([http://rgl.faa.gov/Regulatory\\_and\\_Guidance\\_Library/rgstc.nsf/0/7C9B0FB7D5923D4986257C1A0069E2C0?OpenDocument&Highlight=sa7580sw](http://rgl.faa.gov/Regulatory_and_Guidance_Library/rgstc.nsf/0/7C9B0FB7D5923D4986257C1A0069E2C0?OpenDocument&Highlight=sa7580sw)).

(3) SA7753SW ([http://rgl.faa.gov/Regulatory\\_and\\_Guidance\\_Library/rgstc.nsf/0/A78233CBB3314BAF86257C1A0069D128?OpenDocument&Highlight=sa7753sw](http://rgl.faa.gov/Regulatory_and_Guidance_Library/rgstc.nsf/0/A78233CBB3314BAF86257C1A0069D128?OpenDocument&Highlight=sa7753sw)).

(4) SA8918SW ([http://rgl.faa.gov/Regulatory\\_and\\_Guidance\\_Library/rgstc.nsf/0/5FAD7ABA3EAA464C86257C1A0069F239?OpenDocument&Highlight=sa8918sw](http://rgl.faa.gov/Regulatory_and_Guidance_Library/rgstc.nsf/0/5FAD7ABA3EAA464C86257C1A0069F239?OpenDocument&Highlight=sa8918sw)).

TABLE 1 TO PARAGRAPH (C) OF THIS AD—AFFECTED AIRPLANE MODELS AND SERIAL NUMBERS

Cessna aircraft company airplane models	Serial Nos. (S/Ns)
Model 500 and 501 airplanes .....	0001 through 0689 inclusive.
Model 550 and 551 airplanes .....	0002 through 0733 inclusive, and 0801 through 1136 inclusive.
Model S550 airplanes .....	0001 through 0160 inclusive.
Model 560 airplanes .....	0001 through 0707 inclusive, and 0751 0751 through 0815 inclusive.
Model 650 airplanes .....	0200 through 0241 inclusive, and 7001 7001 through 7119 inclusive.

**(d) Subject**

Air Transport Association (ATA) of America 21, Air Conditioning.

**(e) Unsafe Condition**

This AD was prompted by reports of smoke and/or fire in the tailcone caused by sparking due to excessive wear of the brushes in the air conditioning (A/C) motor. We are issuing this AD to prevent the brushes in the A/C motor from wearing down beyond their limits, which could result in the rivet in the brush contacting the commutator, causing sparks and consequent fire and/or smoke in the tailcone with no means to detect or extinguish the fire and/or smoke.

**(f) Compliance**

Comply with this AD within the compliance times specified, unless already done.

**(g) Inspection for Part Number (P/N)**

Within 30 days or 10 flight hours after the effective date of this AD, whichever occurs first: Inspect the A/C compressor motor to determine whether P/N FWA1134104-1 or P/N FWA1134104-5 is installed. A review of airplane maintenance records is acceptable in lieu of this inspection if the part number of the A/C compressor motor can be conclusively determined from that review.

**(h) Inspection of Compressor Hour Meter and Maintenance Records**

If, during the inspection required by paragraph (g) of this AD, any A/C compressor motor having P/N FWA1134104-1 or P/N FWA1134104-5 is found: Within 30 days or 10 flight hours after the effective date of this AD, whichever occurs first, determine the hour reading on the A/C compressor hour meter as specified in paragraphs (h)(1) and (h)(2) of this AD.

(1) Inspect the number of hours accumulated on the A/C compressor hour meter.

(2) Check the airplane logbook for any entry for replacing the A/C compressor motor brushes with new brushes, or for replacing the compressor motor or compressor condenser module assembly (pallet) with a motor or assembly that has new brushes.

(i) If the logbook contains an entry for replacement of parts, as specified in paragraph (h)(2) of this AD, determine the number of hours accumulated on the A/C compressor motor brushes by comparing the number of hours on the compressor motor since replacement and use this number in lieu of the number determined in paragraph (h)(1) of this AD.

(ii) If, through the logbook check, a determination cannot be made regarding the number of hours accumulated on the A/C

compressor motor brushes, as specified in paragraph (h)(2) of this AD, use the number of hours accumulated on the A/C compressor hour meter determined in paragraph (h)(1) of this AD, or presume the brushes have over 500 hours' time-in-service.

**(i) Replacement**

Using the hour reading on the A/C compressor hour meter determined in paragraph (h) of this AD, replace the A/C compressor motor brushes with new brushes at the later of the times specified in paragraphs (i)(1) and (i)(2) of this AD. Thereafter, repeat the replacement of the A/C compressor motor brushes at intervals not to exceed 500 hours' time-in-service on the A/C compressor motor. Do the replacement in accordance with the applicable Cessna maintenance manual subject specified in paragraphs (j)(1) through (j)(6) of this AD.

(1) Before the accumulation of 500 total hours' time-in-service on the A/C compressor motor.

(2) Before further flight after doing the inspection required in paragraph (h) of this AD.

**(j) Maintenance Manual Information for Replacement**

Use the instructions in the applicable Cessna maintenance manual subject specified in paragraphs (j)(1) through (j)(6) of this AD to do the replacement required by paragraph (i) of this AD.

(1) Subject 4-11-00, Replacement Time Limits, of Chapter 4, Airworthiness Limitations, Revision 6, dated June 23, 2014, of the Cessna Model 500/501 Maintenance Manual.

(2) Subject 4-11-00, Replacement Time Limits, of Chapter 4, Airworthiness Limitations, Revision 10, dated June 23, 2014, of the Cessna Model 550/551 Maintenance Manual.

(3) Subject 4-11-00, Replacement Time Limits, of Chapter 4, Airworthiness Limitations, Revision 12, dated June 23, 2014, of the Cessna Model 550 Bravo Maintenance Manual.

(4) Subject 4-11-00, Replacement Time Limits, of Chapter 4, Airworthiness Limitations, Revision 9, dated June 23, 2014, of the Cessna Model S550 Maintenance Manual.

(5) Subject 4-11-00, Replacement Time Limits, of Chapter 4, Airworthiness Limitations, Revision 22, dated June 23, 2014, of the Cessna Model 560 Maintenance Manual.

(6) Subject 4-11-00, Replacement Time Limits, of Chapter 4, Airworthiness Limitations, Revision 32, dated June 23, 2014, of the Cessna Model 650 Maintenance Manual.

**(k) Deactivation of the A/C System**

In lieu of replacing the A/C compressor motor brushes as required by this AD, deactivate the A/C system as specified in paragraph (k)(1) or (k)(2) of this AD, as applicable.

(1) For all airplanes except Model 650 airplanes: Pull the vapor cycle A/C circuit breaker labeled "AIR COND," do the actions specified in paragraphs (k)(1)(i) and (k)(1)(ii) of this AD, and document deactivation of the system in the airplane logbook, referring to this AD as the reason for deactivation.

(i) Fabricate a placard that states: "A/C DISABLED" with 1/8-inch black lettering on a white background.

(ii) Install the placard on the airplane instrument panel within 6 inches of the A/C selection switch.

(2) For Model 650 airplanes: Pull the vapor cycle A/C circuit breaker labeled "FWD EVAP FAN," do the actions specified in paragraphs (k)(1)(i) and (k)(1)(ii) of this AD, and document deactivation of the system in the airplane logbook, referring to this AD as the reason for deactivation.

Note 1 to paragraph (k) of this AD: While the A/C system is deactivated, it is recommended that airplane operators remain aware of the operating temperature limitations specified in the applicable airplane flight manual.

**(l) Reactivation of the A/C System**

If the A/C system is deactivated, as specified in paragraph (k) of this AD, prior to the A/C system being reactivated: Perform the inspection specified in paragraph (h) of this AD, and do the replacements specified in paragraph (i) of this AD, at the times specified in paragraph (i) of this AD. Return the A/C system to service by doing the actions specified in paragraph (l)(1) or (l)(2) of this AD, as applicable.

(1) For all airplanes except Model 650 airplanes: Push in the vapor cycle A/C circuit breaker labeled "AIR COND," remove the placard by the A/C selection switch that states "A/C DISABLED," and document reactivation of the system in the airplane logbook.

(2) For Model 650 airplanes: Push in the vapor cycle A/C circuit breaker labeled "FWD EVAP FAN," remove the placard by the A/C selection switch that states "A/C DISABLED," and document reactivation of the system in the airplane logbook.

**(m) Parts Return and Reporting Requirements**

For the first two A/C compressor motor brush replacement cycles on each airplane, send the removed brushes to Cessna Aircraft Company, Cessna Service Parts and

Programs, 7121 Southwest Boulevard, Wichita, KS 67215. Provide the brushes and the information specified in paragraphs (m)(1) through (m)(6) of this AD within 30 days after the replacement if the replacement was done on or after the effective date of this AD, or within 30 days after the effective date of this AD if the replacement was done before the effective date of this AD.

(1) The model and serial number of the airplane.

(2) The part number of the motor.

(3) The part number of the brushes, if known.

(4) The elapsed time, in motor hours, since the last brush/motor replacement, if known.

(5) If motor hours are unknown, report the elapsed airplane flight hours since the last brush/motor replacement, and indicate that motor hours are unknown.

(6) The number of motor hours currently displayed on the pallet hour meter, if installed.

#### (n) Parts Installation Limitation

As of the effective date of this AD, no person may install an A/C compressor motor having P/N FWA1134104-1 or P/N FWA1134104-5, unless the inspection specified in paragraph (h) of this AD is done before installation, and the replacements specified in paragraph (i) of this AD are subsequently done in accordance with the applicable service information identified in paragraphs (j)(1) through (j)(6) of this AD at the times specified in paragraph (i) of this AD.

#### (o) Special Flight Permit Limitation

Special flight permits may be issued in accordance with sections 21.197 and 21.199 of the Federal Aviation Regulations (14 CFR 21.197 and 21.199) with the following limitation: Operation of the A/C system is prohibited.

#### (p) Paperwork Reduction Act Burden Statement

A federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with a collection of information subject to the requirements of the Paperwork Reduction Act unless that collection of information displays a current valid OMB Control Number. The OMB Control Number for this information collection is 2120-0056. Public reporting for this collection of information is estimated to be approximately 5 minutes per response, including the time for reviewing instructions, completing and reviewing the collection of information. All responses to this collection of information are mandatory. Comments concerning the accuracy of this burden and suggestions for reducing the burden should be directed to the FAA at: 800 Independence Ave. SW., Washington, DC 20591, Attn: Information Collection Clearance Officer, AES-200.

#### (q) 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 paragraph (r)(1) 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.

#### (r) Related Information

(1) For more information about this AD, contact Craig Henrichsen, Aerospace Engineer, Electrical Systems and Avionics Branch, ACE-119W, FAA, Wichita Aircraft Certification Office (ACO), 1801 Airport Road, Room 100, Mid-Continent Airport, Wichita, KS 67209; phone: 316 946 4110; fax: 316 946 4107; email: [Craig.Henrichsen@faa.gov](mailto:Craig.Henrichsen@faa.gov).

(2) For service information identified in this AD, contact Cessna Aircraft Co., P.O. Box 7706, Wichita, KS 67277; telephone 316-517-6215; fax 316-517-5802; email [citationpubs@cessna.textron.com](mailto:citationpubs@cessna.textron.com); Internet <https://www.cessnasupport.com/newlogin.html>. You may view this referenced service information at the FAA, Transport Airplane Directorate, 1601 Lind Avenue SW., Renton, WA. For information on the availability of this material at the FAA, call 425-227-1221.

Issued in Renton, Washington, on January 11, 2015.

**Jeffrey E. Duven,**

*Manager, Transport Airplane Directorate, Aircraft Certification Service.*

[FR Doc. 2015-00994 Filed 1-22-15; 8:45 am]

**BILLING CODE 4910-13-P**

## DEPARTMENT OF TRANSPORTATION

### Federal Aviation Administration

#### 14 CFR Part 39

[Docket No. FAA-2014-1051; Directorate Identifier 2014-NM-171-AD]

RIN 2120-AA64

#### Airworthiness Directives; Airbus Airplanes

**AGENCY:** Federal Aviation Administration (FAA), DOT.

**ACTION:** Notice of proposed rulemaking (NPRM).

**SUMMARY:** We propose to adopt a new airworthiness directive (AD) for certain Airbus Model A319, A320, and A321 series airplanes. This proposed AD was prompted by reports that on airplanes equipped with sharklets, discretes (used to activate the load alleviation function) are connected on various flight computers using the same ground point. In these cases, the ground point segregation is no longer effective and a

single failure could lead to loss of sharklet identification by flight computers causing a return to the wing tip fence (no sharklet configuration) performance. This proposed AD would require modification of the sharklet ground connection. We are proposing this AD to prevent loss of sharklet identification by the flight computers and subsequent reduced control of the airplane.

**DATES:** We must receive comments on this proposed AD by March 9, 2015.

**ADDRESSES:** You may send comments, using the procedures found in 14 CFR 11.43 and 11.45, by any of the following methods:

- *Federal eRulemaking Portal:* Go to <http://www.regulations.gov>. Follow the instructions for submitting comments.

- *Fax:* 202-493-2251.

- *Mail:* U.S. Department of Transportation, Docket Operations, M-30, West Building Ground Floor, Room W12-140, 1200 New Jersey Avenue SE., Washington, DC 20590.

- *Hand Delivery:* U.S. Department of Transportation, Docket Operations, M-30, West Building Ground Floor, Room W12-140, 1200 New Jersey Avenue SE., Washington, DC, between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays.

For service information identified in this proposed AD, contact Airbus, Airworthiness Office-EIAS, 1 Rond Point Maurice Bellonte, 31707 Blagnac Cedex, France; telephone +33 5 61 93 36 96; fax +33 5 61 93 44 51; email [account.airworth\\_eas@airbus.com](mailto:account.airworth_eas@airbus.com); Internet <http://www.airbus.com>. You may view this referenced service information at the FAA, Transport Airplane Directorate, 1601 Lind Avenue SW., Renton, WA. For information on the availability of this material at the FAA, call 425-227-1221.

#### Examining the AD Docket

You may examine the AD docket on the Internet at <http://www.regulations.gov> by searching for and locating Docket No. FAA-2014-1051; or in person at the Docket Management Facility between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays. The AD docket contains this proposed AD, the regulatory evaluation, any comments received and other information. The street address for the Docket Operations office (telephone 800-647-5527) is in the **ADDRESSES** section. Comments will be available in the AD docket shortly after receipt.

**FOR FURTHER INFORMATION CONTACT:** Sanjay Ralhan, Aerospace Engineer, International Branch, ANM-116,