



AIRWORTHINESS DIRECTIVE

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2018-07-03 Piper Aircraft, Inc: Amendment 39-19234; Docket No. FAA-2018-0245; Product Identifier 2018-CE-012-AD.

(a) Effective Date

This AD is effective April 20, 2018.

(b) Affected ADs

This AD replaces 2018-02-05, Amendment 39-19158 (83 FR 3064, January 23, 2018) (“AD 2018-02-05”).

(c) Applicability

This AD applies to the following Piper Aircraft, Inc. airplane models and serial numbers (S/Ns) that are certificated in any category:

Table–1 to Paragraph (c) of This AD–Applicable Airplane Models and S/Ns

Model	Serial No.
PA-28-140	28-20001 through 28-26946; 28-7125001 through 28-7725290.
PA-28-150	28-03, 28-1 through 28-4377, and 28-1760A.
PA-28-151	28-7415001 through 28-7715314.
PA-28-160	28-03, 28-1 through 28-4377, and 28-1760A.
PA-28-161	2841001 through 2841365, 28-7716001 through 28-8216300, 28-8316001 through 28-8616057, 2816001 through 2816109, 2816110 through 2816119, and 2842001 through 2842420.
PA-28-180	28-03, 28-671 through 28-5859, 28-7105001 through 28-7205318, 28-E13, and 28-7305001 through 28-7505261.
PA-28-181	28-7690001 through 28-8690056, 28-8690061, 28-8690062, 2890001 through 2890205, 2890206 through 2890231, and 2843001 through 2843879.
PA-28-236	28-7911001 through 28-8611008 and 2811001 through 2811050.
PA-28-201T	28-7921001 through 28-7921095.
PA-28R-180	28R-30002 through 28R-31270 and 28R-7130001 through 28R-7130019.
PA-28R-200	28R-30482, 28R-35001 through 28R-35820, 28R-7135001 through 28R-7135238, and 28R-7235001 through 28R-7635545.

PA-28R-201	28R-7737002 through 28R-7837317, 2837001 through 2837061, and 2844001 through 2844171.
PA-28R-201T	28R-7703001 through 28R-7803374 and 2803001 through 2803015.
PA-28RT-201	28R-7918001 through 28R-8218026.
PA-28RT-201T	28R-7931001 through 28R-8631005, and 2831001 through 2831038.

(d) Subject

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

(e) Unsafe Condition

This AD was prompted by our determination to change the inspection of the fuel tank selector cover to a preflight check and allows for various fuel selector clocking configurations. We are issuing this AD to allow the pilot to do a preflight check of the fuel selector placards.

(f) Compliance

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

(g) Preflight Check of the Fuel Selector Cover

Before further flight after April 20, 2018 (the effective date of this AD), check the left and right fuel selector cover placards for proper installation using the Appendix to this AD. If the fuel selector placards are properly installed, no further action is required. The preflight check of the fuel selector cover 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, 121.380, or 135.439.

(h) Install Temporary Fuel Selector Placards

If improper (reversed clock positions) installation of the left and right fuel selector placards is found during the preflight check of the fuel selector cover required in paragraph (g) of this AD, before further flight, fabricate and install temporary left and right fuel selector placards using Part II of Piper SB No. 1309A, dated March 6, 2018. In lieu of installing the temporary placards required by this paragraph, you may install the permanent placards specified in paragraph (i) of this AD. An FAA-approved licensed mechanic authorized to do maintenance is required to do any fabrication and installation of the fuel selector placards required in this AD.

(i) Install Permanent Fuel Selector Placards

Within the next 100 hours time-in-service (TIS) after April 20, 2018 (the effective date of this AD), replace the temporary placard installed in paragraph (h) of this AD with permanent left and right fuel selector placards using Part III of Piper SB No. 1309A, dated March 6, 2018, unless already done in lieu of installing the temporary placards specified in paragraph (h) of this AD.

(j) Credit for Previous Actions

This AD allows credit for doing the actions required in paragraphs (g) through (i) of this AD using Piper Aircraft, Inc. Service Bulletin No. 1309, dated October 10, 2017, if done before the effective date of this AD in compliance with AD 2018-02-05.

(k) Special Flight Permit

A special flight permit is allowed for this AD per 14 CFR 39.23 with the following limitations: Flights are not to exceed a total of 100 hours TIS with temporary placards installed.

(l) Alternative Methods of Compliance (AMOCs)

(1) The Manager, Atlanta ACO Branch, 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 certification office, send it to the attention of the person identified in paragraph (m) 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.

(3) AMOCs approved for AD 2018-02-05 are not approved as AMOCs for the corresponding provisions of this AD.

(m) Related Information

For more information about this AD, contact Boyce Jones, Aerospace Engineer, Atlanta ACO Branch, FAA, 1701 Columbia Avenue, College Park, Georgia 30337; phone: (404) 474-5535; fax: (404) 474-5606; email: boyce.jones@faa.gov.

(n) 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 this AD specifies otherwise.

(i) Piper Aircraft, Inc. Service Bulletin No. 1309A, dated March 6, 2018.

(ii) Reserved.

(3) For Piper Aircraft, Inc. service information identified in this AD, contact Piper Aircraft, Inc., 2926 Piper Drive, Vero Beach, FL 32960; telephone: (772) 567-4361; internet: www.piper.com/technical-publications-documents/.

(4) You may view this service information at FAA, Policy and Innovation Division, 901 Locust, Kansas City, Missouri 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 to AD 2018-07-03

Special Preflight Check

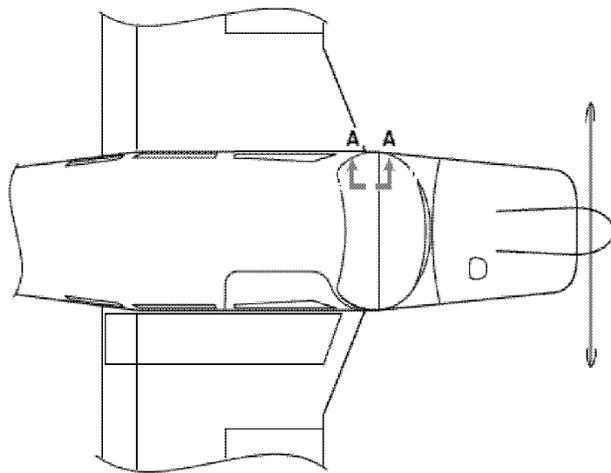
Note: This action may be performed by the owner/operator (pilot) holding at least a private pilot certificate and must be entered into the airplane records showing compliance with AD 2018-07-03 in accordance with 14 CFR 43.9 (a)(1)-(4) and 14 CFR 91.417(a)(2)(v). The record must be maintained as required by 14 CFR 91.417, 121.380, or 135.439. This action may also be performed by an FAA-approved licensed mechanic.

(1) Compare the currently installed fuel selector cover against the covers shown in Figure 2, View A-A:

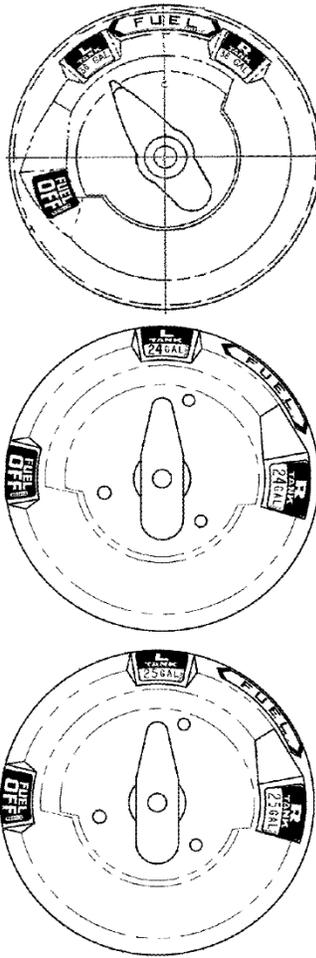
(a) If the currently installed fuel selector cover matches the cover shown in Figure 2, View A-A, then proceed to Step 2.

(b) If the currently installed fuel selector cover does not match the cover shown Figure 2, View A-A (Note: The fuel selector cover that does not match View A-A is a flat round plate without any features that limit the rotational travel of the fuel selector lever), then the remaining instructions in AD 2018-07-03 do not apply and no further action is required. Compliance with this part of AD 2018-07-03 must be documented by the owner/operator (pilot) holding at least a private pilot certificate, and must be entered into the aircraft 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, 121.380, or 135.439.

Note: Documentation in the aircraft logbook should include: (1) Current Date (2) Tach Time (3) Statement that the comparison has been accomplished, including the AD number and Revision date (4) Sign and Print Name (5) Certificate Type & Number.



**Figure 1 to the Appendix of AD 2018-07-03, Plane View
Fuel Selector Cover Configurations – Location and Identification**



Note: The pictures are exemplar only to indicate the position of the FUEL OFF, L TANK and R TANK orientation of the placards. The most important aspect of this comparison is the orientation of the FUEL OFF, L TANK, and R TANK placards.

Note: The fuel tank capacity stated on the L TANK and R TANK placards will vary by aircraft model, but the location of these placards with respect to the fuel selector cover must all conform to View A-A

**Figure 2 to the Appendix of AD 2018-07-03, View A-A
Fuel Selector Cover Configurations – Location and Identification**

(2) Compare the currently installed fuel selector cover to the illustration in Figure 2, View A-A. Examine all placards for proper placement, with specific emphasis on the location of the placards labeled L TANK and R TANK.

Note: The fuel selector cover placard positions will vary. See Figure 2, View A-A.

(a) If the placards are in the proper locations, then no further action is required. Compliance with this part AD 2018-07-03 must be documented by the owner/operator (pilot) holding at least a private pilot certificate, and must be entered into the aircraft 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, 121.380, or 135.439.

Note: Documentation in the aircraft logbook should include: (1) Current Date (2) Tach Time (3) Statement that the comparison has been accomplished, including the AD number and Revision date (4) Sign and Print Name (5) Certificate Type & Number.

(b) If replacement is required, proceed to either paragraph (h) and (i) of AD 2018-07-03.

Issued in Kansas City, Missouri, on March 23, 2018.
Melvin J. Johnson,
Deputy Director, Policy & Innovation Division,
Aircraft Certification Service.