



**Piper Aircraft, Inc.**  
2926 Piper Drive  
Vero Beach, FL, U.S.A. 32960

# SERVICE NO. 1309A BULLETIN

## PIPER CONSIDERS COMPLIANCE MANDATORY

Date: March 6, 2018

(S)

Service Bulletin (SB) 1309A supersedes SB 1309 in its entirety. Aircraft that were previously made compliant with SB 1309 are in compliance with SB 1309A.

**SUBJECT:**

**FUEL TANK SELECTOR PLACARDS EXAMINATION**

**REASON FOR REVISION:**

SB 1309A clarifies that the requirement to examine the fuel selector cover placards in Part I can be accomplished by the owner/operator. SB 1309A also makes provisions for a small number of aircraft that have placard locations that differ slightly from those shown in View B-B.

**MODELS AFFECTED:**

PA-28-140 Cherokee Cruiser

PA-28-150/160 Cherokee

PA-28-180 Cherokee

PA-28-236 Dakota

PA-28-151 Warrior

PA-28-161 Cadet

PA-28-161 Warrior II

PA-28-161 Warrior III

PA-28-180 Archer

PA-28-181 Archer II

PA-28-181 Archer III

PA-28-201T Turbo Dakota

PA-28R-180 Arrow

PA-28R-200 Arrow

PA-28R-200 Arrow II

**SERIAL NUMBERS AFFECTED:**

28-20001 through 28-26946;

28-7125001 through 28-7725290

28-03; 28-1 through 28-4377 and 28-1760A

28-03; 28-671 through 28-5859;

28-7105001 through 28-7205318

28-7911001 through 28-8611008;

2811001 through 2811050

28-7415001 through 28-7715314

2841001 through 2841365

28-7716001 through 28-8216300;

28-8316001 through 28-8616057;

2816001 through 2816109

2816110 through 2816119; 2842001 through 2842420

28-E13; 28-7305001 through 28-7505261

28-7690001 through 28-8690056; 28-8690061;

28-8690062; 2890001 through 2890205

2890206 through 2890231; 2843001 through 2843879

28-7921001 through 28-7921095

28R-30002 through 28R-31270;

28R-7130001 through 28R-7130019

28R-30482; 28R-35001 through 28R-35820;

28R-7135001 through 28R-7135238

28R-7235001 through 28R-7635545

ATA/JASC: 2822

(OVER)

PA-28R-201 Arrow III	28R-7737002 through 28R-7837317; 2837001 through 2837061; 2844001 through 2844171
PA-28R-201T Turbo Arrow III	28R-7703001 through 28R-7803374; 2803001 through 2803015
PA-28RT-201 Arrow IV	28R-7918001 through 28R-8218026
PA-28RT-201T Turbo Arrow IV	28R-7931001 through 28R-8631005; 2831001 through 2831038

**COMPLIANCE TIME:****Part I. Special****Preflight Check:** Prior to next flight**Part II. Allowance  
for Limited Operation:**

If the special preflight check provided in Part I of this service bulletin determines that one or more placards must be replaced, an additional 100 hours of operation is permitted, prior to compliance with Part III, so long as the aircraft is in compliance with the requirements in Part II.

**Part III. Placard  
Replacement:**

If the special preflight check provided in Part I determines that one or more placards must be replaced, compliance with Part III is to coincide with the next regularly scheduled maintenance event, but not to exceed the next 100 hours time in service, provided that the aircraft is in compliance with Part II.

**APPROVAL:**

The engineering aspects of this service document have been shown to comply with the applicable Federal Aviation Regulations and are FAA approved.

**PURPOSE:**

Some affected aircraft may have the left and right fuel tank placards improperly installed on the fuel selector cover. This service bulletin mandates a special, one-time preflight check of the fuel selector cover, and, on condition, the replacement of missing, damaged, or mislocated placards.

**SAFETY INTENT:**

The safety intent of this service bulletin is to identify and correct a fuel selector cover that has the left and right fuel tank placards reversed. A fuel selector cover in this condition could cause the pilot to make a fuel management error, leading to loss of engine power while in flight.

**INSTRUCTIONS:**

**NOTE:** Some steps in these instructions are identified as “required for compliance” (RC). If this service bulletin is mandated by an airworthiness directive (AD), the steps identified as RC must be done to comply with the AD. Steps not identified as RC are recommended and may be deviated from, done as a part of other actions, or done with accepted methods different from those given in this service bulletin, if the RC steps can be done and the airplane can be put back in a serviceable condition.

**NOTE:** The owner/operator is authorized to perform the visual examination described in Part I of this service bulletin. If the aircraft is found to conform to the requirements of Part I, the owner/operator is authorized to perform the documentation of compliance described in Part IV. However, compliance with Part II and/or Part III, if required, must be accomplished by a holder of a mechanic certificate or an inspection authorization.

**Part I. Special Preflight Check**

1. RC – Identifying Fuel Selector Cover Configuration

Compare the currently installed fuel selector cover against the one shown in Figure 1, View A–A.

- If the currently installed fuel selector cover **matches the cover** shown in Figure 1, View A–A, then proceed to Step 2.
- If the currently installed fuel selector cover **does not match the cover** shown Figure 1, View A–A, then the instructions in this service bulletin do not apply. Proceed to Part IV, Documentation of Compliance.

**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.

2. RC – Identifying Placard Configuration

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

The proper placard locations are defined in Table 1. The majority of affected aircraft will conform to Table 1, Column A, and View B–B.

However, on a small number of affected aircraft, as delivered from the factory, the fuel selector cover and placard positions will vary from the typical configuration. For this uncommon configuration, the proper placard locations are provided in Table 1, Column B, and Figure 2, View C–C.

**TABLE 1  
PLACARD POSITIONS**

PLACARD LABELS	PLACARD POSITIONS	
	Column A Typical Configuration	Column B Uncommon Configuration
<b>FUEL OFF</b>	9:00 (Aft)	8:00
<b>L TANK</b>	12:00 (Up)	10:30
<b>R TANK</b>	3:00 (Forward)	1:00

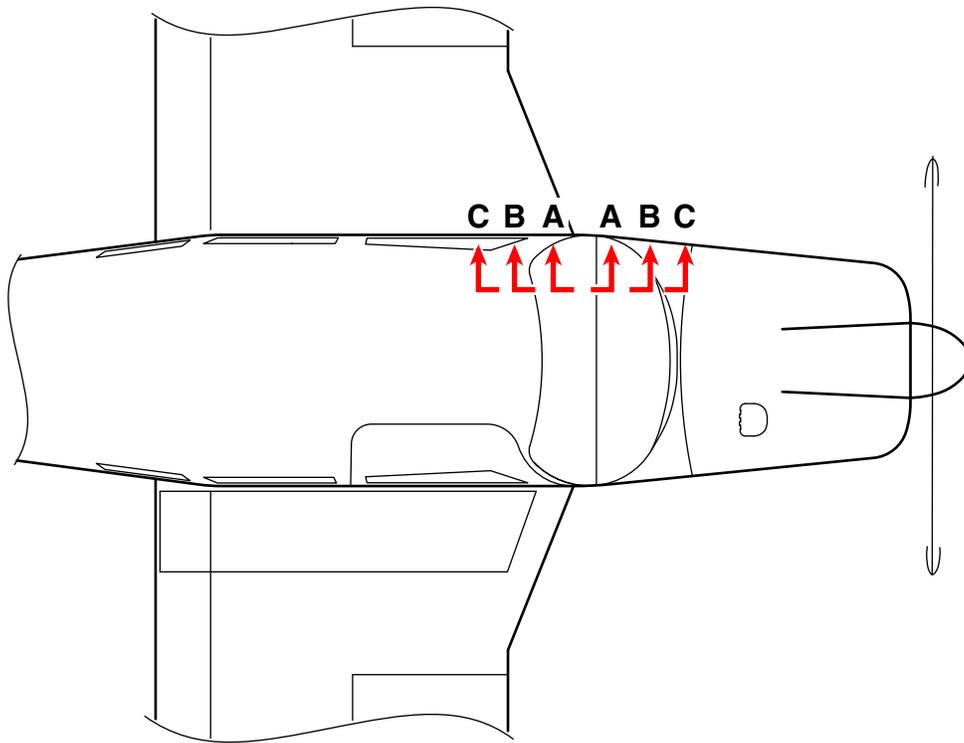
Replacement placards, if required, will be as defined in Table 2 for all aircraft.

- If the placards are in the proper locations and in good condition, then no replacement is required. Proceed to Part IV, Documentation of Compliance.
- If replacement is required, proceed to either Part II or Part III, at owner/operator discretion and as specified under Compliance Time, above.

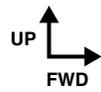
**Part II. Allowance for Limited Operation**

RC – If the special preflight check provided in Part I determines that one or more placards must be replaced, an additional 100 hours of operation is permitted prior to complying with Part III, Placard Replacement. The aircraft must maintain compliance with the following requirements in order to operate:

- RC – Fabricate temporary placards, as required, with text (all capital letters) L, R, and/or OFF, using locally sourced materials. Text shall be black in color on a white background, or white on a black background, at the operator’s discretion. Font size shall be 28 points or larger.
- RC – Install each placard at the appropriate location, as shown in Figure 2, View B–B.
- RC – Proceed to Part IV, Documentation of Compliance.



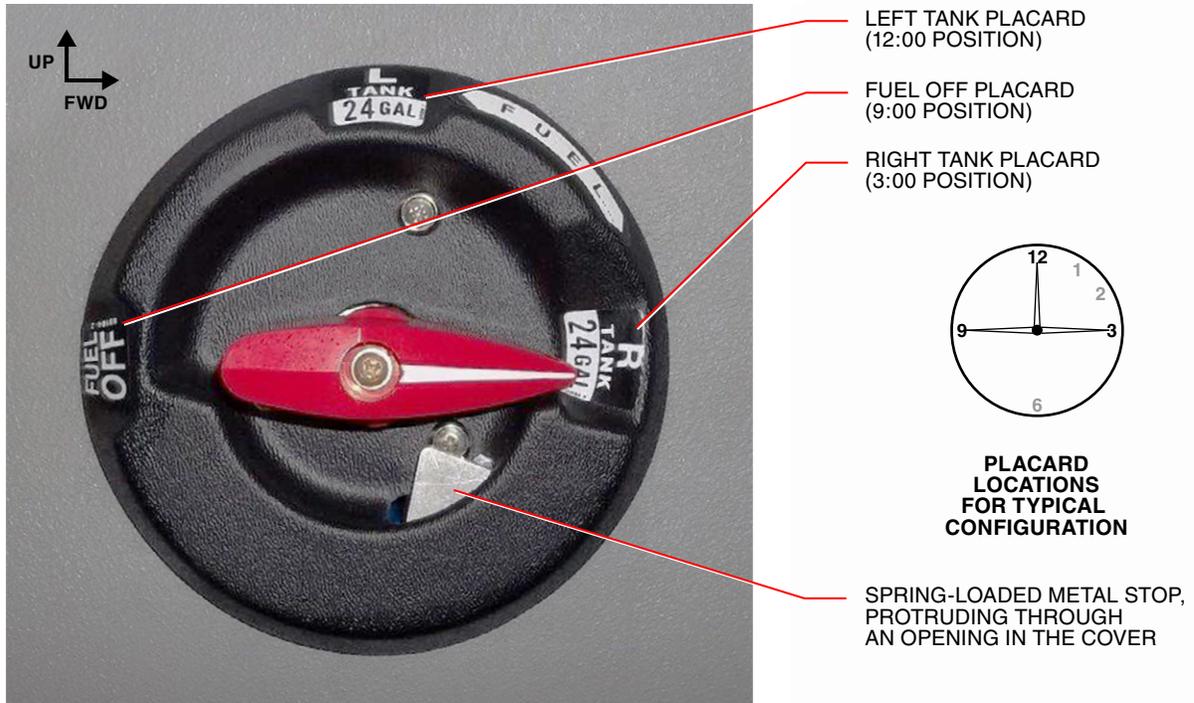
**PLAN VIEW**



**VIEW A-A**

PIPER P/N 99635-800  
OTHER COMPONENTS OMITTED FOR CLARITY

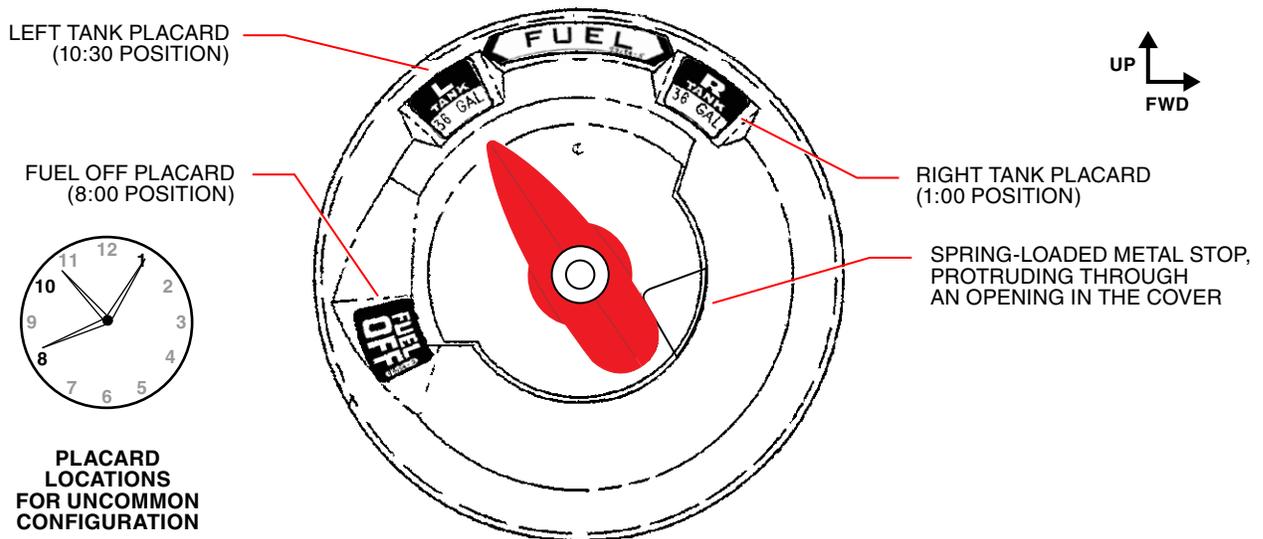
**Figure 1**  
Fuel Selector Cover – Location and Identification



**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 B-B.

**VIEW B-B**

TYPICAL FUEL SELECTOR COVER, P/N 99635-800, AND PLACARD LOCATIONS



**VIEW C-C**

UNCOMMON FUEL SELECTOR COVER, P/N 35773-002, AND PLACARD LOCATIONS

**NOTE:** Clock face graphics are provided to clarify the correct locations of the placards. These are approximate locations.

**Figure 2**  
Fuel Selector Cover Placard Locations

**Part III. Placard Replacement**

RC – Order replacement placards, as required, as specified in Table 2. Install the replacement placards as follows. For the proper adhesion of the decals, apply them when the ambient temperature is between 55° and 90° F.

- a. RC – Prepare the surface of the fuel selector cover:
  - 1) Remove the old placards, or temporary placards that were installed in Part II, as applicable.
  - 2) Wipe the area where each new placard is to be installed, using a clean cloth soaked with isopropyl alcohol.
  - 3) Dry with a clean, dry cloth before the alcohol evaporates to avoid discoloration and deposits at the edges of the wetted area.
- b. RC – Lift a corner or edge of the backing from the new placard. Do not touch the adhesive.
- c. RC – Position the new placard as shown in Figure 1, View B–B, and secure the free corner or edge.
- d. RC – Use finger pressure to hold down the secured corner or edge. Remove the rest of the backing from the new placard.
- e. RC – Firmly press the new placard onto the fuel selector cover to ensure adhesion.
- f. RC – Proceed to Part IV, Documentation of Compliance.

**TABLE 2  
REPLACEMENT PLACARDS – FUEL TANK SELECTOR**

AIRCRAFT MODELS	PLACARD PART NUMBER		
	LEFT TANK	RIGHT TANK	OFF
PA-28-140/150/160/180 Cherokee	581-686 (99184-003, 25-gallon)	581-687 (99184-004, 25-gallon)	581-685 (99184-002)
PA-28R-180 Arrow			
PA-28R-200 Arrow / II			
PA-28-151/161 Warrior / II / III	581-890 (99184-007, 24-gallon)	581-891 (99184-008, 24-gallon)	
PA-28-161 Cadet			
PA-28-181 Archer II / III (incl. LX and TX)			
PA-28-201T Turbo Dakota	582-694 (69669-170, 36-gallon)	582-693 (69669-169, 36-gallon)	
PA-28-236 Dakota			
PA-28R-201/201T Arrow / Turbo Arrow III			
PA-28R-201 Arrow III			
PA-28RT-201/201T Arrow IV / Turbo Arrow IV			

**Part IV. Documentation of Compliance**

RC – Make a logbook entry documenting compliance with the applicable part(s) of this service bulletin.

**MATERIAL REQUIRED:** On condition, Placards, one each per Table 2 in Instructions, per aircraft

**AVAILABILITY OF PARTS:** Your Piper Approved Service Center

**EFFECTIVITY DATE:** This service bulletin is effective upon receipt.

**SUMMARY:** Applicable factory participation is limited to new aircraft in warranty at the time of compliance. Factory participation will remain in effect for a period of time not to exceed 180 days from the date of this service bulletin.

Please contact your Piper Approved Service Center to make arrangements for compliance with this service bulletin in accordance with the compliance time indicated.

**NOTE:** Please notify the factory of any address/ownership corrections. Changes should include aircraft model, serial number, and current owner's name and address.

Corrections and/or changes should be directed to:

PIPER AIRCRAFT, INC.

Att'n: Customer Service

2926 Piper Drive

Vero Beach, FL 32960

or:

CustomerService@piper.com

Please include in subject line: "Aircraft ownership update"