



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

SERVICE NO. 1405A BULLETIN

PIPER CONSIDERS COMPLIANCE MANDATORY

Date: October 24, 2023

(S) (M)

Service Bulletin (SB) 1405A supersedes SB 1405 in its entirety.

SUBJECT: FUSELAGE SKIN RIVET INSPECTION, FS 156

REASON FOR REVISION: To correct serial numbers.

MODELS AFFECTED: **SERIAL NUMBERS AFFECTED:**

PA-28-236 Dakota PA-28-151 Warrior PA-28-161 Cadet PA-28-161 Warrior II PA-28-161 Warrior III PA-28-181 Archer II PA-28-181 Archer III PA-28-181 Piper Pilot 100i PA-28-201T Turbo Dakota PA-28R-201 Arrow III PA-28R-201T Turbo Arrow III PA-28RT-201 Arrow IV PA-28RT-201T Turbo Arrow PA-44-180 Seminole PA-44-180T Turbo Seminole	28-7911002 thru 28-8611009 2811001 thru 2811050 28-7415001 thru 28-7715314 2841001 thru 2841350 2841360 thru 2841365 28-7716001 thru 28-8616057 2816001 thru 2816105 2816110 thru 2816119 2842001 thru 2842420 28-7690001 thru 28-8690056 2890001 thru 2890205 2890206 thru 2890231 2843001 thru 2881618 2881041, 2802001 thru 28020111 28-7921001 thru 28-7921095 28R-7737001, 28R-7737002 28R-7737003 thru 28R-7837317 2837001 thru 2844185 28R-7703001, 28R-7703002 thru 28R-7803373 2803001 thru 2803012 28R-7918002 thru 28R-8218026 28R-7931002 thru 28R-8631004 2831001 thru 2831038 44-7995001 thru 44-8195026 4495001 thru 4496554 44-8107001 thru 44-8207020
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ATA/JASC: 5330

(OVER)

COMPLIANCE TIME: To coincide with the next regularly scheduled maintenance event, but not to exceed the next 100 hours time in service

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

PURPOSE: On some of the affected aircraft, one or more rivets common to the aircraft skin and the outboard flange of the Fuselage Station (F.S.) 156.00 frame may be missing. This service bulletin provides instructions to inspect, and on condition, install the missing rivets.

INSTRUCTIONS:

NOTE: The temporary removal of interior components, fairings and/or access panels may be required in order to accomplish these instructions.

NOTE: The instructions that follow are applicable as follows:

- For PA-28 series aircraft, instructions apply only to the right side of the aircraft.
- For PA-44 series aircraft, instructions apply to both the left and right sides of the aircraft.

NOTE: Unless otherwise specified, installed rivets shall conform to the requirements stated in Chapter 4, Section 4 of FAA Advisory Circular AC 43.13-1B.

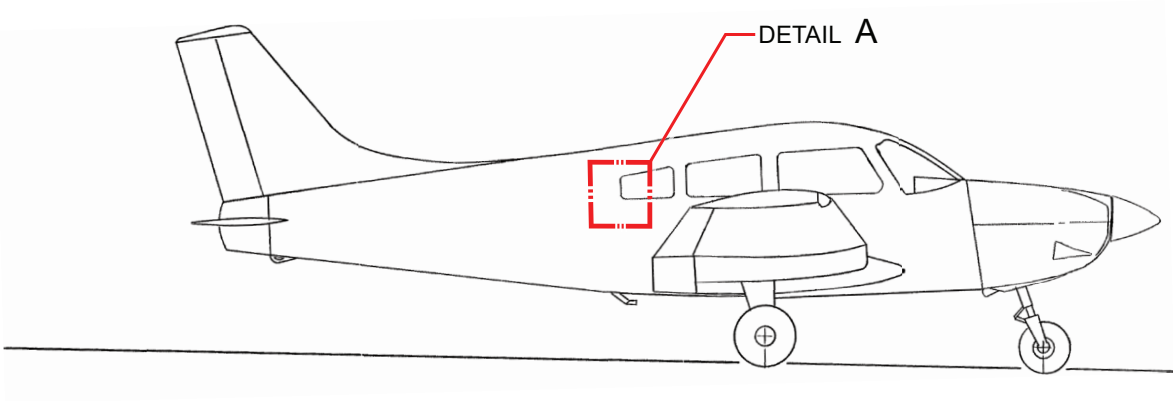
NOTE: Unless otherwise specified, dimensions are in inches.

1. Locate the portion of the aircraft skin in the vicinity of F.S. 156.00, as shown in Detail A of Figure 1. Inspect for the presence of the 6 rivets.
 - If all 6 rivets are installed as shown, then the rivet count conforms to type design at this location. No rework is required. Proceed to step 4.
 - If one or more rivets are missing, then rework is required. Proceed to step 2.
2. Install MS20470AD4 series rivets as required to conform to type design as shown in Detail A of Figure 1. Dimensions shown are nominal, with a tolerance of +/- 0.03 inches. Adjust rivet locations from dimensions shown as needed to achieve the following constraints:
 - Maintain minimum edge distance of at least 0.22 inches from the edge of all parts in the stack up.

Table 1
ACCEPTABLE EPOXY PRIMERS

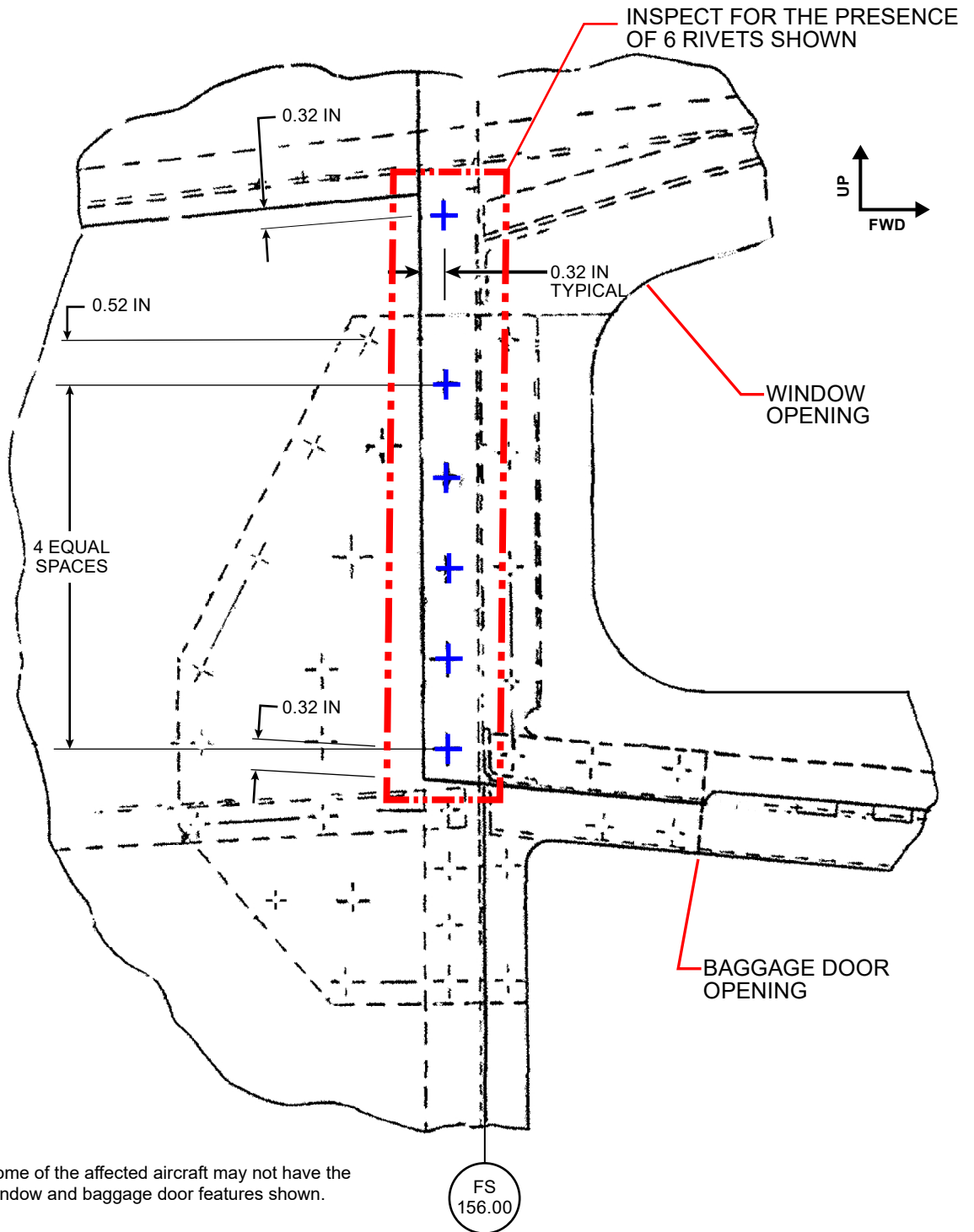
Piper Part No.	Vendor Product Name	Vendor Product Number
279-179	PPG Aerospace PRC-DeSoto	EWDE072A/B
279-506	AkzoNobel Aerospace Coatings	10P8-10NF / EC-283
279-108	AkzoNobel Aerospace Coatings	10P30-5 / EC-275
279-359	Defl, Inc.	44GN036
279-240	Axalta (formerly DuPont)	Axalta Epoxy 13550S

- Maintain a minimum rivet spacing of at least 0.38 inches from all adjacent rivets.
3. Finish all bare metal surfaces by applying a primer that conforms to MIL-PRF-85582 Type 1 Class C2, or any of the primers listed in Table 1. For exterior surfaces, apply a top coat of Axalta Imron paint in a color to match adjacent surfaces.
 4. Make a logbook entry documenting compliance with this service bulletin.



PA-28 SHOWN, PA-44 SIMILAR

Figure 1 (Sheet 1 of 2)
Inspection Area for Missing Rivets



NOTE: Some of the affected aircraft may not have the window and baggage door features shown.

DETAIL A
RIGHT SIDE VIEW OF AIRCRAFT SKIN

Figure 1 (Sheet 2 of 2)
Inspection Area for Missing Rivets

MATERIAL REQUIRED: As required, MS20470AD4 series rivets

AVAILABILITY OF PARTS: Procure locally or at your Piper Approved Service Center –
Find your local service center at <https://www.piper.com/>

EFFECTIVITY DATE: This service bulletin is effective on October 25, 2023.

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 effectivity 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.

Attn: Customer Service

2926 Piper Drive

Vero Beach, FL 32960

or:

CustomerService@piper.com

Please include in subject line: "Aircraft ownership update"