



Piper Aircraft, Inc.
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Vero Beach, Florida, U.S.A. 32960

SERVICE No. 1175A BULLETIN

**PIPER CONSIDERS
COMPLIANCE MANDATORY**

Date: May 31, 2007 (S)

SB 1175A supersedes SB 1175. SB 1175A introduces a Pilot's side window without a storm window, when installed, relieves the requirement for the 50 hour repetitive inspection of the window.

SUBJECT:

PILOT'S SIDE WINDOW INSPECTION

MODELS AFFECTED:

PA-46-310P Malibu

PA-46-350P Mirage
PA-46-500TP Meridian

SERIAL NUMBERS AFFECTED:

46-8408001 through 46-8408087; 46-8508001 through
46-8508109; 46-8608001 through 46-8608067; 4608001
through 4608140
4622001 through 4622200; 4636001 through 4636424
4697001 through 4697306

COMPLIANCE TIME:

PART I - INSPECTION: To occur after the initial 350 hours of flight and then every 50 hours of flight, until replacement of the window with the new window (Figure 1) without a storm window is accomplished.

PART II - REPLACEMENT: If cracks are found during the Inspection in **PART I**, the cracked window may be replaced with the old style window or the new window, without a storm window. Replacement of the window with the old style storm window will **not** relieve the repetitive inspection requirements of **PART I** of this Service Bulletin. Replacement of the window with the new window, without a storm window, relieves the requirement for repetitive inspections.

APPROVAL:

The technical content of this Service Bulletin has been shown to comply with the applicable Federal Aviation Regulations and is FAA approved.

PURPOSE:

Piper has received reports from the field that a crack may develop in the pilot's side window, adjacent to the lower aft corner of the storm window. The purpose of this Service Bulletin is to provide inspection and replacement instructions.

PART I of this Service Bulletin requires a repetitive inspection of the original style pilot's side window for aircraft after 350 hours of time in service.

PART II of this Service Bulletin requires replacement of the window. Repetitive inspection is still required after a replacement window with the old style storm window is installed (Figure 3). Replacement of the window with the new window, without a storm window (Figure 1), relieves the requirement for repetitive inspections.

Note: Storm windows are being discontinued. Once the remaining stock is consumed for the repair of storm windows, no more parts will be available for their support. All Pilot's side windows with storm windows that fail inspection or have broken parts must be replaced by the new style window.

(OVER)

ATA: 5610

INSTRUCTIONS:

Refer to Figures 2 and 3 and inspect the window in the area indicated by the circle.

PART I

1. If sealant exists between the storm window hinge and the airframe skin, remove the sealant very carefully with a plastic scraper, ensuring that the window is not scratched. It is not necessary to replace the sealant after inspection. Remove the sealant from the area between the hinge and skin only. If no crack is found, continue to inspect the window at 50 hour intervals until the window is replaced with the new window without a storm window, which relieves the requirement for repetitive inspection. If a crack exists follow instructions in **Part II**.

NOTE: If a crack exists in the area identified by the circle in Figure 2 or 3, continued operation of the aircraft is allowed, provided that the cabin remains un-pressurized at all times.

2. Make an appropriate logbook entry indicating compliance with this Service Bulletin.

PART II

1. See Table 1 for the cross reference between aircraft serial numbers and the applicable window part numbers. Repetitive inspections will continue to be required if the old style "storm" windows are installed. Replace the window per the appropriate Aircraft Maintenance Manual, Chapter 56-10-00. Replacement of the window will allow the aircraft to operate with the cabin pressurized according to the P.O.H, Sections 2 and 4.

Note: Storm windows are being discontinued. Once the remaining stock is consumed for the repair of storm windows, no more parts will be available for their support. All Pilot's side windows with storm windows that fail inspection or have broken parts must be replaced by the new style window.

2. Make an appropriate logbook entry indicating compliance of **PART II** with this Service Bulletin.



Figure 1
New Left Side Window without Storm Window

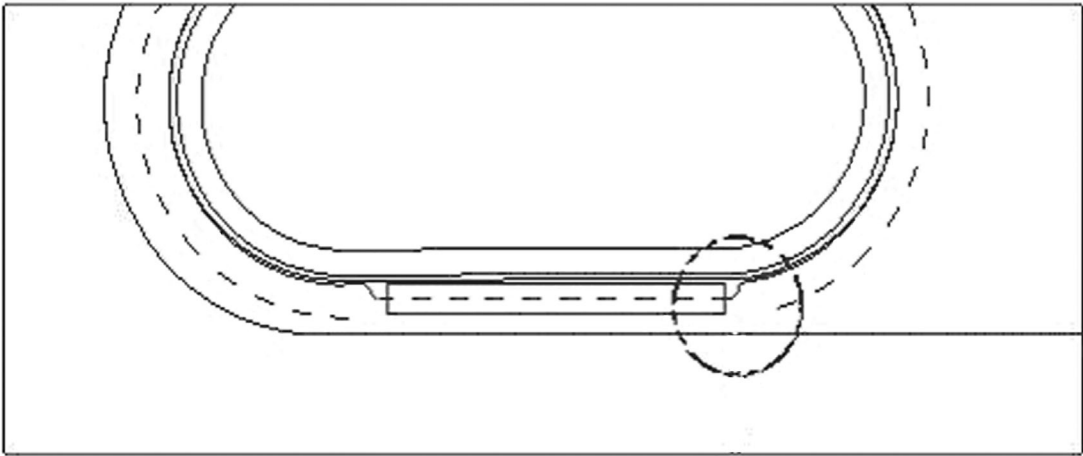


Figure 2
Left Side Looking Inboard
Inspection Area

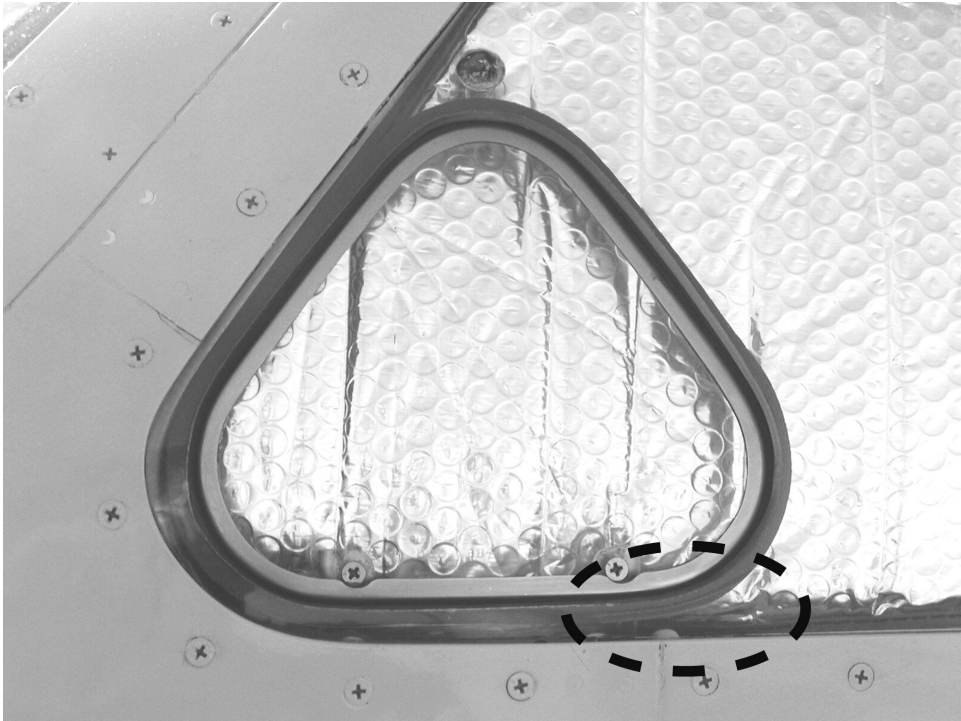


Figure 3
Left Side Looking Inboard

Replacement Window Matrix										
Pilot Side Window		Configuration		Inspection requirement		Model Applicability				
Part Number		With Storm Window	Without Storm Window	Repetitive Inspection required, In Accordance With Part I	Repetitive Inspection NOT required	PA-46-310P	PA-46-350P		PA-46-500TP	
						s/n 46-8408001 THRU 4608140	s/n 4622001 THRU 4636221	s/n 4636222 THRU 4636424	s/n 4697001 & 4697002	s/n 4697003 THRU 4697306
Old P/N	100879-003	X		X				X		
	100879-004	X		X						X
	100879-005	X		X					X	
New P/N	82282-013		X		X	X	X			
	82282-014		X		X			X		
	82282-015		X		X					X
	82282-016		X		X				X	
	82282-020		X		X			X		
	82282-022		X		X	X	X			

TABLE 1

MATERIAL REQUIRED: (If **PART II** is necessary) One (1) each:

See Table 1

AVAILABILITY OF PARTS: Your Piper Service Facility.

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 Factory Authorized Piper Service Facility to make arrangements for compliance with this Service Bulletin in accordance with the compliance time indicated.

NOTE: If you are no longer in possession of this aircraft, please forward this information to the present owner/operator and notify the factory of address/ownership corrections. Changes should include aircraft model, serial number, current owner's name and address.

Corrections and/or changes should be directed to:

PIPER AIRCRAFT, INC.
 Attn: Customer Service
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