



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

SERVICE No. 1175 BULLETIN

**PIPER CONSIDERS
COMPLIANCE MANDATORY**

Date: December 13, 2006

(S)

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 and Up

4697001 and Up

COMPLIANCE TIME:

PART I - INSPECTION: To occur after the initial 350 hours of flight and then every 50 hours of flight, until a final resolution is available.

PART II - REPLACEMENT: If cracks are found during the Inspection in **PART I**, replace cracked window. Note: Compliance with **PART II** of this Service Bulletin will not relieve the repetitive inspection requirements of **PART I** of this Service Bulletin.

NOTE: If a crack is found during inspection and the window is replaced, the new window does not require an inspection until 350 hours of flight and then every 50 hours of flight thereafter, until a final resolution is available.

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 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 is installed. A modified design is under development, which when installed, will no longer require repetitive inspections.

Refer to Figures 1, 2 and 3 and inspect the window in the area indicated by the circle.

(OVER)

ATA: 5610

INSTRUCTIONS:**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. 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. If a crack is found in the window of the PA-46-310P or a PA-46-350P, serial numbers 4622001 through 4636076, install the Piper Service Kit 88342-002, Piper Code No. 767-355. For PA-46-350P serial numbers 4636077 and up and all PA-46-500TP aircraft, replace the window per the appropriate Aircraft Maintenance Manual, Chapter 56-10-00. Repetitive inspections will continue to be required after the Service Kit is installed and/or the window is replaced. Replacement of the window will allow the aircraft to operate with the cabin pressurized according to the P.O.H, Sections 2 and 4. Piper Aircraft, Inc. is currently developing an improved design that will eliminate the need for repetitive inspections.
2. Make an appropriate logbook entry indicating compliance of **PART II** with this Service Bulletin.

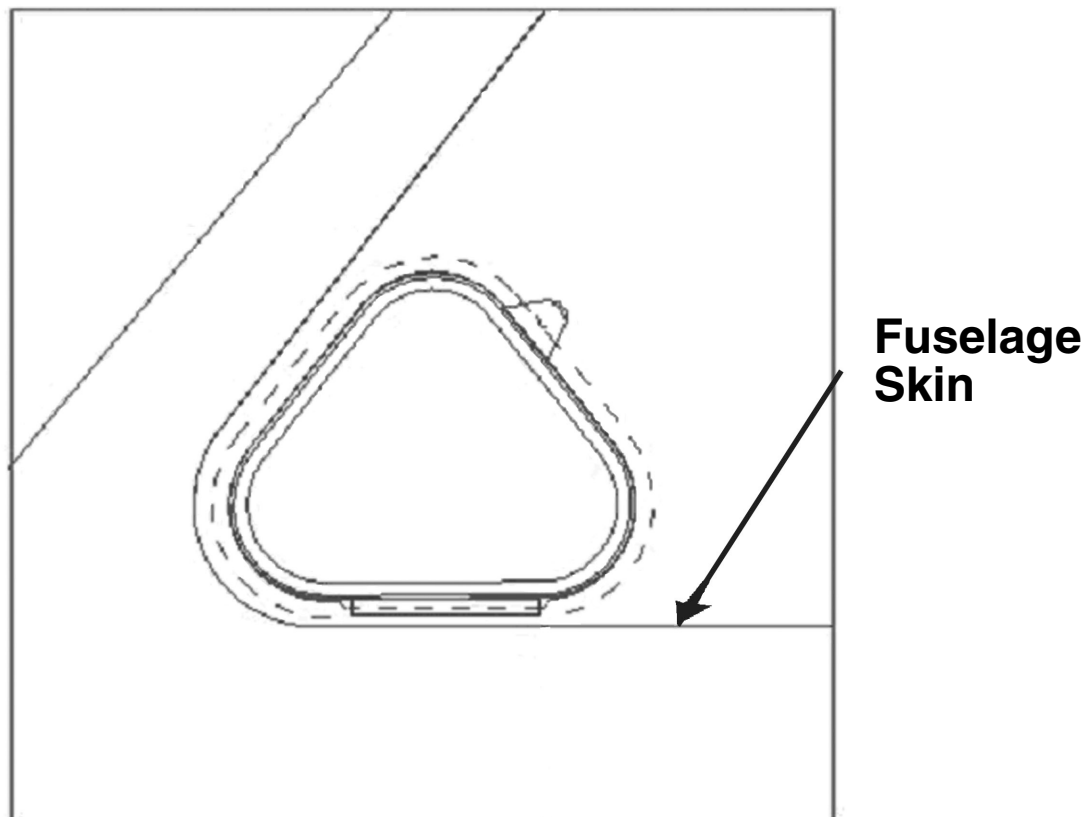


Figure 1
Left Side Looking Inboard

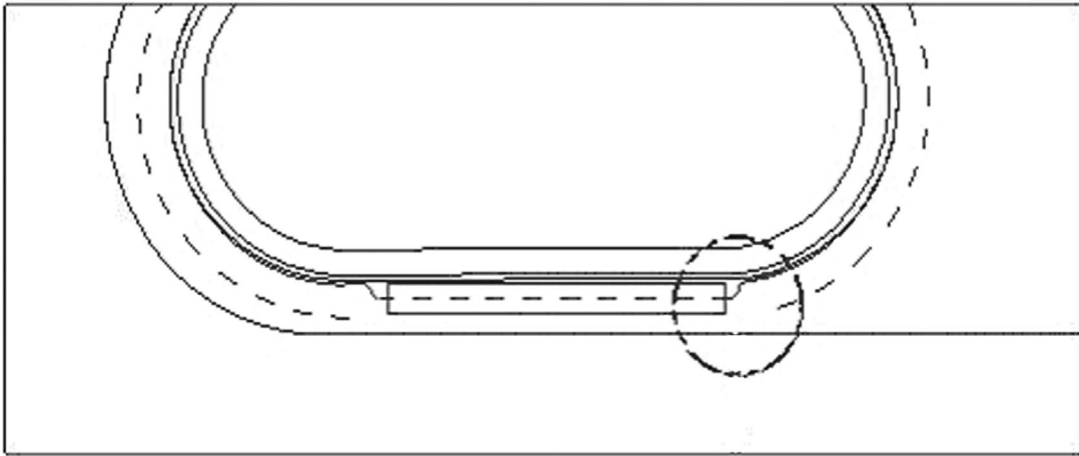


Figure 2
Left Side Looking Inboard
Inspection Area

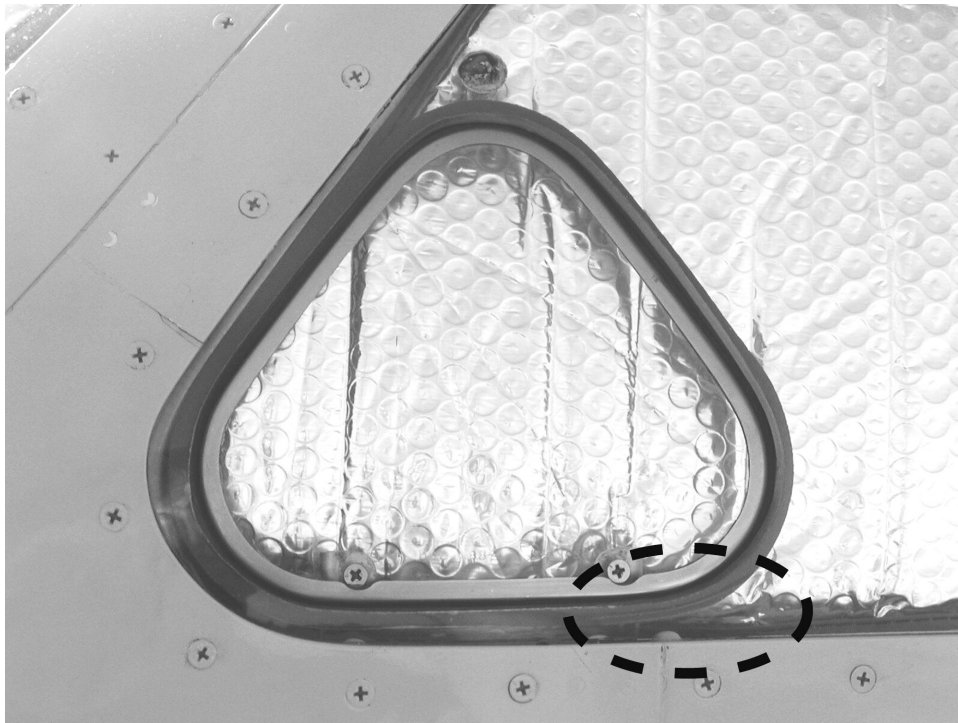


Figure 3
Left Side Looking Inboard

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

Service Kit 88342-002, Piper Code No. 767-355.	PA-46-310P & PA-46-350P, serial numbers 4622001 through 4636076
Window Assembly P/N 100879-003	PA-46-350P, serial numbers 4636077 and up
Window Assembly P/N 100879-004	PA-46-500TP, serial numbers 4697001 and up

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
2926 Piper Drive
Vero Beach, FL 32960