



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

SERVICE No. 990 BULLETIN

PIPER CONSIDERS COMPLIANCE MANDATORY

Date: January 3, 1996

(S/M)

SUBJECT:

Pacific Scientific Seat Belt Replacement

MODELS AFFECTED:

PA-28-161 Warrior III
PA-28-181 Archer III
PA-28R-201 Arrow
PA-32R-301 Saratoga II HP
PA-34-220T Seneca IV
PA-44-180 Seminole
PA-46-350P Malibu Mirage

SERIAL NUMBERS AFFECTED:

2816110 through 2816119 and
2842001 through 2842008
2890207 through 2890231 and
2843001 through 2843013
2844001
3213042 through 3213103 and
3246001 through 3246009
3448038 through 3448079 and
3447001 through 3447008
4496001
4622152 through 4622200 and
4636001 through 4636011

COMPLIANCE TIME:

Prior to each flight per Instruction One and at the next regularly scheduled inspection event, but not to exceed the next one hundred (100) hours time in service for Instruction Two.

APPROVAL:

The technical contents of this Service Bulletin have been approved by the F.A.A.

PURPOSE:

It has been reported that certain seat belts manufactured by Pacific Scientific have experienced difficulty in latching and in some cases would not return to the latched position once opened. The subject seat belts located at all seating positions are affected and must be replaced per the compliance time above. Pacific Scientific has improved the design of the seat belts to preclude the possibility of a recurrence. Left uncorrected the integrity of the seat belt system may be compromised.

This Service Bulletin requires preflight inspection until the seat belts are replaced and provides an improved seat belt as a replacement.

INSTRUCTIONS:

1. Inspect seat belts at each position in the aircraft. If seat belts conform to the information shown on Fig. 3 no further action is necessary. If the seat belt does not conform, proceed to Instruction 2 (see Figures 1 and 2). If parts are not immediately available or should the aircraft need to be flown to an approved service center, the existing seat belts may be utilized provided the pilot in command inspects each seat belt being used for secure positive latching and that the seat belts are free of any anomalies prior to each flight and during each usage.

(OVER)
ATA: 5346

INSTRUCTIONS: (cont'd)

2. Determine if the aircraft is equipped with the affected seat belts. Seat belts are affected if they are manufactured by Pacific Scientific and the seat belt has a date stamp of 6/94 through 8/95 (See Fig 2), if the seat belt buckle end has an old Piper logo or no logo (See Figs. 1 and 4.), and if the seat belt fitting end I.D. tag has a date stamp of 6/94 through 8/95. (See Fig 2.)
3. Gain access as necessary to remove all affected belts and replace with new. All improved seat belts will have The New Piper Aircraft, Inc. logo on the buckle end. (See Figs. 3 and 4.) All improved seat belt fitting ends will also have a date stamp on the I.D. tag of 9/95 or later.

NOTE:

There are only four basic types of seat belts used on the affected model aircraft. The long belt adjustable fitting end, Piper Part Number 564-867, the short belt buckle end, Piper Part Number 564-868, a medium belt buckle end, Piper Part Number 564-869 and the long belt buckle end, Piper Part Number 564-862. If the part number is in question, observe the six digit Piper part number located on the I.D. tag at the bottom and order accordingly. The new improved belts will not have a Piper Part Number change.

4. Check the new seat belts for operation and security of installation.
5. Make an appropriate Logbook entry of compliance with this Service Bulletin.

MATERIAL REQUIRED: Quantity and Part number are as required by inspection; order the appropriate quantity of: Seat belt, Fitting End, Piper Part Number 564-867, Buckle End (short), Piper Part Number 564-868, Buckle End (med.), Piper Part Number 564-869 and Buckle End (long), Piper Part Number 564-862.

AVAILABILITY OF PARTS: Your Piper Field Service Facility.

EFFECTIVE DATE: This Service Bulletin is effective upon receipt.

SUMMARY: Applicable factory participation is limited to aircraft in warranty only and 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 and to obtain information concerning any applicable factory participation.

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, and current owner's name and address.

Correction/changes should be directed to:

THE NEW PIPER AIRCRAFT, INC.
ATTN: Customer Service
2926 Piper Drive
Vero Beach, FL 32960

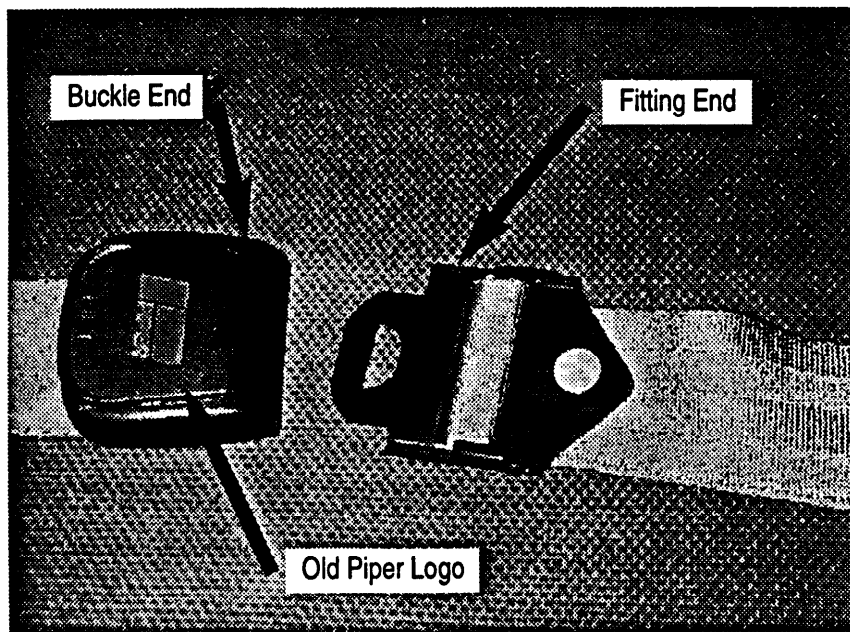


FIGURE 1 (Suspect Belts)

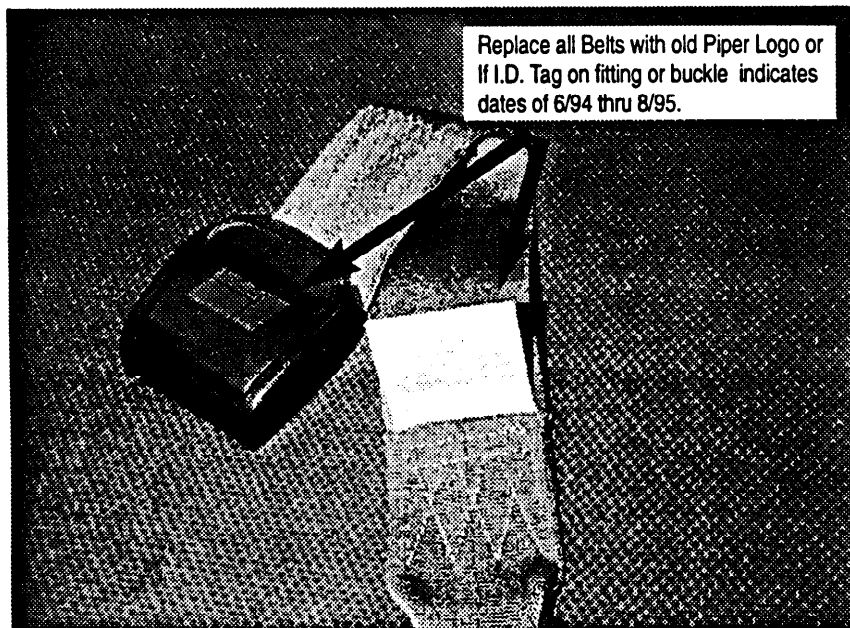


FIGURE 2 (Identification Tag)

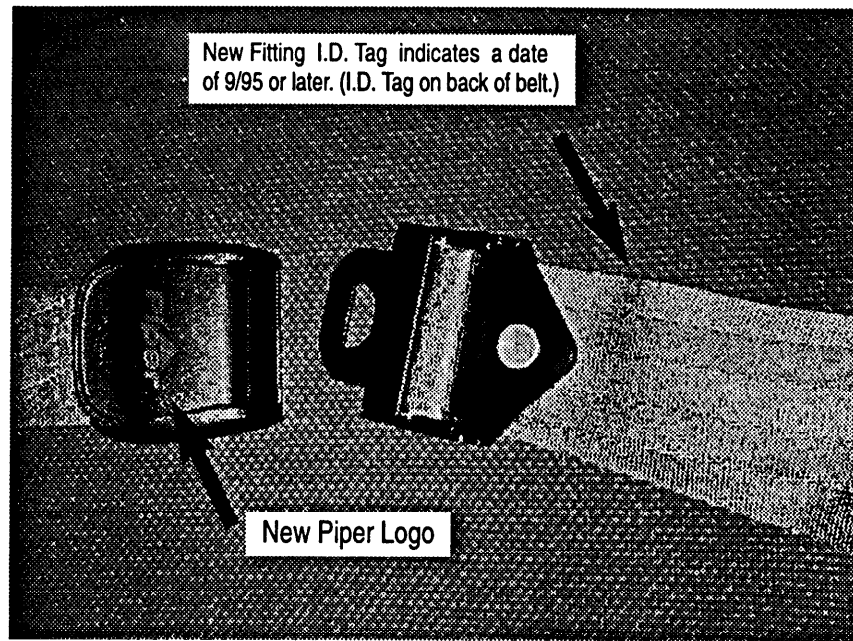


FIGURE 3 (New Replacement Belts)



Old Piper Logo



New Piper Logo

FIGURE 4 (Logo Types)