



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

# SERVICE No. 897B BULLETIN

## PIPER CONSIDERS COMPLIANCE MANDATORY

Date: July 15, 1997 (M)

(Service Bulletin No. 897B supersedes-and voids Service Bulletin No. 897A, dated January 3, 1990.)

**SUBJECT:** Elevator Butt Rib Refinement

**REASON FOR REVISION:** Revise Subject, revise Compliance Time, revise Purpose, remove PART I and delete references to a multi-part Service Bulletin, and revise Instructions.

**MODELS AFFECTED:** **SERIAL NUMBERS AFFECTED:**

PA-31P Pressurized Navajo  
 PA-31T Cheyenne/Cheyenne II  
 PA-31T1 Cheyenne I/Cheyenne IA

PA-31T2 Cheyenne IIXL

PA-31T3 T1040

31P-1 through 31P-7730012  
 31T-7400002 through 31T-8120104  
 31T-7804001 through 31T-8304003  
 31T-1104004 through 31T-1104017  
 31T-8166001 through 31T-8166076  
 31T-1166001 through 31T-1166008  
 31T-8275001 through 31T-8475001,  
 and 31T-5575001

**COMPLIANCE TIME:** Upon reaching 2000 hours time in service or at the next regularly scheduled inspection not to exceed the next one hundred (100) hours of operation.

**APPROVAL:** The technical contents of this Service Bulletin have been approved by the Federal Aviation Administration (F.A.A.).

**PURPOSE:** It has been determined that the possibility exists of cracks occurring in the false spar channels, the elevator butt ribs, and the elevator spar at the butt rib attachment. Left uncorrected, such cracks could propagate and eventually result in impairment of elevator control. Since the original issuance of this Service Bulletin (897), a significant number of reports have indicated that the conditions described above do exist. Consequently, Piper is revising this Service Bulletin (897A) to eliminate further repetitive inspections and require the installation of a permanent repair.

This Service Bulletin requires the installation of an Elevator Butt Rib Refinement Kit which, when installed, will remedy the condition described above.

**INSTRUCTIONS:**

1. Check the aircraft for previous compliance with Service Bulletin 897A by installation of the Elevator Butt Rib Refinement Kit, Piper Part Number 766-219. If the kit has been installed no further action is necessary, proceed to instruction 3. If the kit has not been installed continue with these instructions.
2. Install the Elevator Butt Rib Refinement Kit (1 each), Piper Part Number 766-219. All of the necessary instructions for installation are contained in the Elevator Butt Rib Refinement Kit.
3. Make an appropriate logbook entry of compliance with this Service Bulletin.

(OVER)  
 ATA: 5520

**MATERIAL REQUIRED:** One (1) each Elevator Butt Rib Refinement Kit, Piper Part Number 766-219, per aircraft.

**AVAILABILITY OF PARTS:** Your Piper Field Service Facility.

**SUMMARY:** There is no applicable factory participation for this Service Bulletin.

Please contact your factory authorized Piper Field 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/Changes should be directed to:

The New Piper Aircraft, Inc.  
ATTN: Customer Services  
2926 Piper Drive  
Vero Beach, FL 32960