



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

# SERVICE *No. 7047* BULLETIN

## PIPER CONSIDERS COMPLIANCE MANDATORY

**Date:** December 4, 2000

(M)

**SUBJECT:**

***Elevator Spar Refinement***

**MODELS AFFECTED:**

PA-31 T3 (T1040)

**SERIAL NUMBERS AFFECTED:**

31 T-8275001 through 31 T-8475001,  
31 T-5575001

**COMPLIANCE TIME:**

At the next regularly scheduled event inspection but not to exceed twelve (12) calendar months from the effective date of this Service Bulletin.

**APPROVAL:**

This Service Bulletin has been reviewed by the Federal Aviation Administration and the repairs and modifications herein comply with the applicable Federal Aviation Regulations and are approved for installation in the model PA-31T3.

**PURPOSE:**

It has been determined that the possibility exists for cracks to develop in the outboard portion of the elevator spar. The initial crack may not be seen without disassembly of the elevator in this area. In extreme cases, cracks may appear in the skin at the elevator spar near the top outboard end. To remedy this condition, Piper has developed a kit to strengthen the affected area. Left uncorrected, the integrity of the elevator may be affected at or near the outboard hinge.

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

**INSTRUCTIONS:**

**NOTE:** Check for prior compliance with Service Bulletin 897B, dated July 15, 1997, "Elevator Butt Rib Refinement". Comply if required.

1. Install the Elevator Spar Modification Kit (1 per aircraft), Piper Part Number 766-655. All of the necessary instructions for installation are contained in the Elevator Spar Modification Kit. For reference, see Figures 1 & 2.
2. Prior to re-installation of the elevator, but after paint touch up, check the control surface for proper balance. Balance as required. Refer to the PA-31 T3 (T1040) Maintenance Manual, Chapter 55, for control surface balancing.
3. Make an appropriate logbook entry of compliance with this Service Bulletin.

(OVER)  
ATA: 2730

**MATERIAL REQUIRED:**

One (1) each Elevator Spar Modification Kit, Piper Part Number 766-655, 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

