



**The New Piper Aircraft, Inc.**

2926 Piper Drive

Vero Beach, Florida, U.S.A. 32960

# SERVICE *No. 1048* BULLETIN

## PIPER CONSIDERS COMPLIANCE MANDATORY

Date: January 3, 2001

(S/M)

**SUBJECT:**

***Stainless Steel Control Cables***

**MODELS AFFECTED:**

PA-18-150 (Super Cub)  
PA-28-161 (Warrior II)  
PA-28-161 (Warrior III)  
  
PA-28-161 (Cadet)  
PA-28-181 (Archer II)  
PA-28-181 (Archer III)  
  
PA-28-236 (Dakota)  
PA-28R-201 (Arrow III)  
PA-28R-201 (Arrow)  
PA-28R-201T (Turbo Arrow III)  
PA-32R-301 (Saratoga SP)  
PA-32R-301 (Saratoga II HP)  
  
PA-32R-301T (Saratoga II TC)  
PA-34-220T (Seneca III)  
  
PA-34-220T (Seneca IV)  
  
PA-34-220T (Seneca V)  
PA-42/42-720 (Cheyenne III/IIIA)  
PA-42-1000 (Cheyenne 400LS)  
PA-44-180 (Seminole)  
  
PA-46-350P (Malibu Mirage)

**SERIAL NUMBERS AFFECTED:**

1809001, 1809004 through 1809113  
2816076 through 2816109  
2816110 through 2816119,  
2842001 and up  
2841037 through 2841365  
2890100 through 2890205  
2890206 through 2890231,  
2843001 and up  
2811023 through 2811050  
2837011 through 2837061  
2844001 and up  
2803001 through 2803015  
3213020 through 3213041  
3213029, 3213042 through 3213103,  
3246001 and up  
3257001 and up  
3433137 through 3433216,  
3448001 through 3448035  
3448038 through 3448079,  
3447001 through 3447029  
3449001 and up  
42-5501040, 42-5501048 through 42-5501060  
42-5527038 through 42-5527044  
4495001 through 4495013,  
4496001 and up  
4622001 through 4622200,  
4636001 and up

**NOTE:**

Models listed above were manufactured in 1989 or later, and had stainless steel control system cables as the standard installation. Prior to 1989, Piper offered galvanized steel control system cables as the standard installation, with stainless steel control system cables offered as an option. Therefore, it is possible that any Piper airplane, regardless of the year model, may have stainless steel control system cables installed. If it is determined that your Piper airplane has stainless steel control system cables installed, follow the instructions given in this service bulletin.

(OVER)

ATA: 2702

**APPROVAL:** The technical contents of this Service Bulletin have been approved by the FAA.

**COMPLIANCE TIME:** At the next scheduled maintenance event, but not to exceed the next one hundred (100) hours time in service.

**PURPOSE:** Service reports have been received stating that stainless steel cables in the aircraft control system have a considerably shorter service life as compared to galvanized cables for the same application.

As a result of these service reports, Piper initiated a project to compare the merits of stainless steel cables versus galvanized steel cables in the aircraft control system. The results of Piper's investigation are stated in the INSTRUCTIONS below.

**INSTRUCTIONS:**

1. It is mandatory that all control system cables be inspected and maintained as follows:
  - a.) Per the procedures outlined in the aircraft inspection documents, maintenance manual, and FAA Advisory Circular (AC) 43.13, latest revision.
  - b.) Although periodic application of corrosion preventative compound is not required for stainless steel cables, **stainless steel cables must be lubricated** at the same interval as galvanized steel cables, by applying a film of Aeroshell 33 or equivalent, on that portion of the cable that passes over a pulley or through a fairlead.
2. Piper will continue to offer the customer a choice of either stainless steel or galvanized steel control cables as service replacements with the approval of "mix or match" of stainless steel and galvanized steel cables on the same aircraft.
3. Piper will discontinue installing the stainless steel control cable kit as standard equipment.

**MATERIAL REQUIRED:** N/A

**AVAILABILITY OF PARTS:** N/A

**EFFECTIVE DATE:** This Service Bulletin is effective upon receipt.

**SUMMARY:**

**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