



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

# SERVICE No. 1069 LETTER

Date: March 31, 2003 (S, M)

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## MAINTENANCE ALERT

**SUBJECT:**

**FLIGHT CONTROL CABLE TERMINAL  
CORROSION INSPECTION**

**MODELS AFFECTED:**

All

**SERIAL NUMBERS AFFECTED:**

All

**COMPLIANCE TIME:**

To coincide with next regularly scheduled maintenance event, but not to exceed the next one hundred (100) hours time in service.

**APPROVAL:**

The procedures specified in the instructions section has been shown to comply with the applicable Federal Aviation Regulations and is FAA approved.

**PURPOSE:**

It has been discovered, especially in aircraft fifteen years and older, corrosion and pitting may be found on control cable attachment fittings during inspection. It is recommended to inspect the flight control cables and fittings at 100 flight hour intervals or at each annual inspection. On November 1, 2001 the FAA released "Special Airworthiness Information Bulletin No. CE-02-05", which addresses this issue. New Piper is at this time in the process of revising our Service/Maintenance Manuals. When each manual comes up for revision, we are adding in the scheduled maintenance checks notes the following: "For airplanes 15 years or older, using a 10X magnifier, visually inspect the entire surface of each cable terminal, turnbuckle, or other cable fitting for corrosion or cracking. Any evidence of corrosion or cracking, however minute, is cause for replacement. A logbook entry documenting the replacement of a cable terminal, turnbuckle, or other cable fitting relieves the inspection requirement for that fitting only, until such time as that fitting has been in service for 15 years".

Left unattended, the corrosion condition could lead to loss of some flight controls.

(OVER)

ATA: 2702

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**INSTRUCTIONS:**

1. Inspect the flight control cables per the New Piper Inspection Program using the appropriate documentation required for each type of aircraft. Pay particular attention to corrosion and "pitting" on cable terminals, turnbuckles and cable fittings. Inspect under safety wire wrapped around the cable. Any corrosion or pitting found should require replacement of the corroded fittings and/or cable. For aircraft fifteen (15) years or older, using a 10X magnifier, visually inspect the entire surface of each cable terminal, turnbuckle, or other cable fitting for corrosion or cracking. Any evidence of corrosion or cracking, however minute, is cause for replacement."
2. Make a logbook entry indicating compliance with this Service Letter. A logbook entry documenting the replacement of a cable terminal, turnbuckle, or other cable fitting relieves the repetitive inspection requirement for that fitting only, until such time as that fitting has been in service for 15 years.

**MATERIAL REQUIRED:** N/A

**AVAILABILITY OF FORMS:** N/A

**EFFECTIVITY DATE:** This Service Letter is effective upon receipt.

Please send all completed forms to:

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