



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

SERVICE *No. 1054* LETTER

Date: October 10, 2002 (S)

MAINTENANCE ALERT

SUBJECT:

**PROPELLER CONTROL ARM ATTACHMENT
INSPECTION**

MODELS AFFECTED:

PA-31T Cheyenne/Cheyenne II
PA-31T1 Cheyenne I/IA

PA-31T2 Cheyenne IIXL

PA-31T3 Cheyenne T3 (1040)

SERIAL NUMBERS AFFECTED:

31T-7400002 through 31T-8120104
31T-7804001 through 31T-8104073; 31T-8104101;
31T-8304001 through 31T-8304003; and 31T-1104004
through 31T-1104017
31T-8166001 through 31T-8166076 and 31T-1166001
through 31T-1166008
31T-8275001 through 31T-8475001 and 31T-5575001

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:

A report from the field has been received of a failure of the propeller control arm attachment bracket causing loss of propeller pitch control. This service letter introduces additional inspection criteria to enhance the inspection of the bracket for condition and security.

INSTRUCTIONS:

The following two special inspections will be added to the six Piper manuals listed below at their next revision:

761-520 - PA-31T and PA-31T1 Progressive Inspection Manual - 50 Hour
761-644 - PA-31T and PA-31T1 Progressive Inspection Manual - 100 Hour
761-758 - PA-31T2 Progressive Inspection Manual - 100 Hour
761-774 - PA-31T3 T1040 Continuous Inspection Manual - 100 Hour
761-765 - PA-31T3 T1040 Maintenance Manual
753-826 - PA-31T/T1/T1A/T2 Service Manual

(OVER)

ATA: 6120

INSTRUCTIONS: (Continued)

Propeller Governor Control Arm Linkage - **100 Hour Special Inspection**
(See Figure 1 for general location)

Each 100 hours of operation, inspect the propeller governor control arm linkage bracket (P/N 51623-000) for condition and security.

1. Remove the hardware (including a P/N 54858-002 lever on certain PA-31T aircraft) that attach the propeller control to the P/N 51623-000 bracket.
2. Visually inspect the P/N 51623-000 bracket for cracks, distortion, corrosion and the elongation of the bolt holes. Replace if required.
3. Reinstall the attachment hardware ensuring that the attaching bolts are torqued to 20-25 inch pounds (See View A, Figure 2).

Refer to appropriate Service Manual, for access and adjustment procedures to accomplish the above inspections.

MATERIAL REQUIRED: Two (2) each, Propeller Governor Control Arm Linkage Bracket, P/N 51623-000, if required, per aircraft.

AVAILABILITY OF PARTS: Your Piper Field Service Facility.

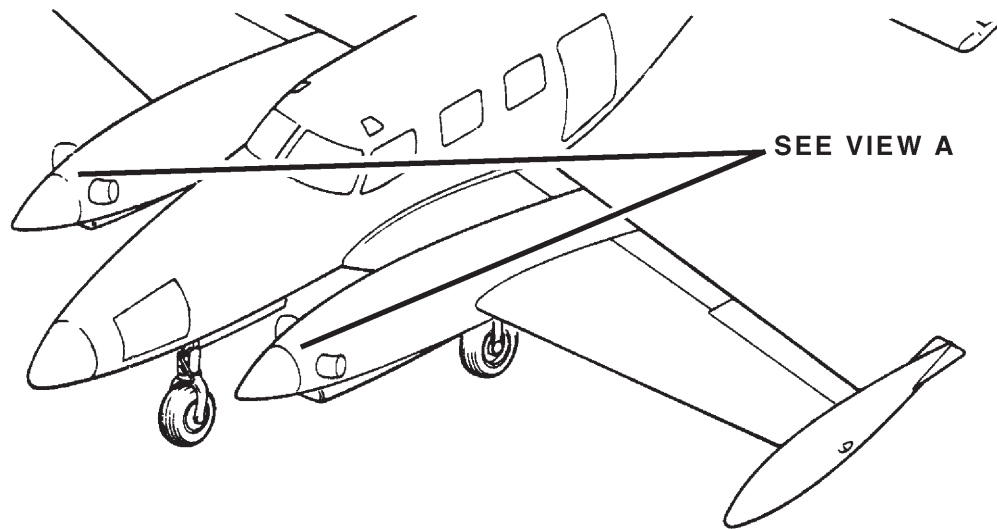
EFFECTIVITY DATE: This Service Letter is effective upon receipt.

SUMMARY: Please contact your Factory Authorized Piper Service Facility to make arrangements for compliance with this Service Letter in accordance with the compliance time indicated.

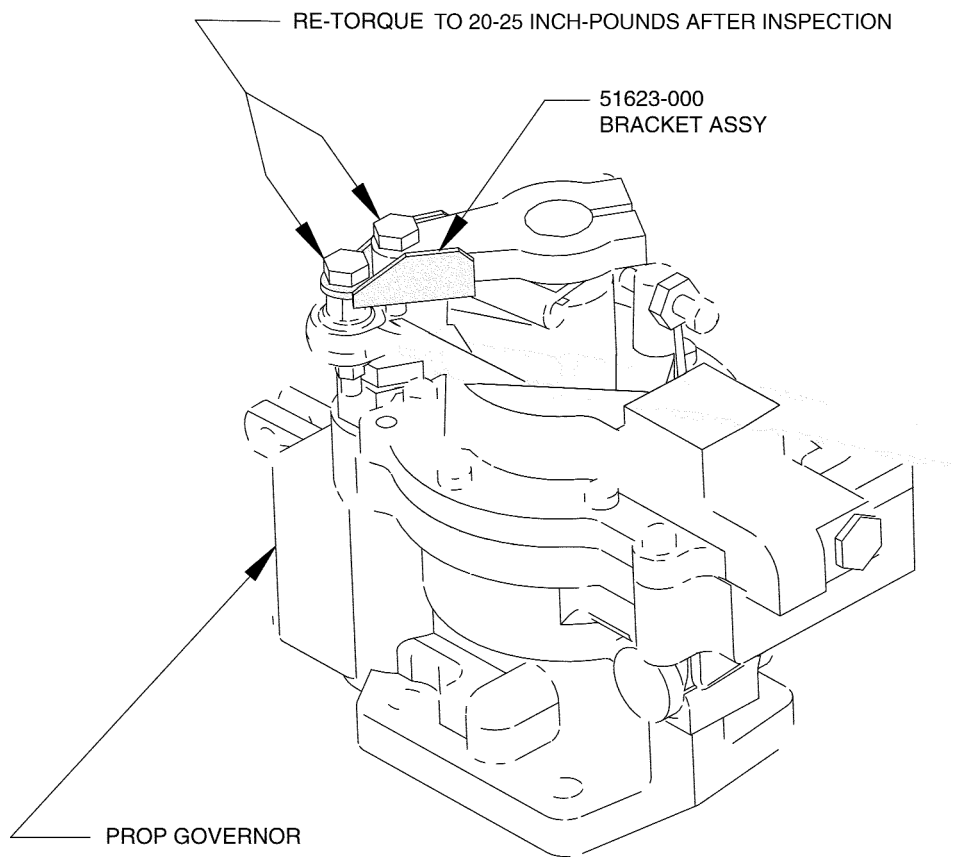
NOTE: If you are no longer in possession of this aircraft, please forward this information to the present owner/operator and notify the factory of address/ownership corrections. Changes should include aircraft model, serial number, current owner's name and address.

Corrections/changes should be directed to:

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



Bracket Location
Figure 1



VIEW A

Figure 2