



SERVICE LETTER

No. 747

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

"FAA DOA SO-1 Approved"

May 28, 1975 S/M

Subject:

Inspection of Throttle and Mixture Control Attachments.

Models Affected:

Serial Numbers Affected:

PA-28-180 Cherokee
PA-28-235 Cherokee
PA-28R-180 Cherokee Arrow
PA-28R-200 Cherokee Arrow
PA-32-260 Cherokee Six
PA-32-300 Cherokee Six
PA-34-200 Seneca

28-5153 To 28-7405188 Inclusive
28-7310001 To 28-7410081 Inclusive
28R-30737 To 28R-7130013 Inclusive
28R-35001 To 28R-7435260 Inclusive
32-1111 To 32-7400042 Inclusive
32-40566 To 32-7440122 Inclusive
34-7250001 To 34-7450187 Inclusive

Compliance Time:

Recommended at the next regularly scheduled inspection time period.

Purpose:

Reports from the field reflect a need, in the interest of serviceability, to refine maintenance practices with the inspection of Throttle and Mixture Control Attachments. This Service Letter provides instructions and material to properly inspect Throttle and Mixture Control Attachments and, if necessary, to replace attachments which may be worn. Further, we are pleased to announce the availability of Throttle and Mixture Control Attachment refinement kits which contain improved attachments that greatly increase serviceability.

NOTE:

Careful inspection of Throttle and Mixture Control Attachments is normal maintenance and is a requirement of both the standard Piper Periodic Inspection and the Piper Program Inspection Procedures.

Instructions:

1. Inspect the Throttle and Mixture Control Attachment Joint Assembly, Piper Part No. 31747-00, for evidence of wear per the sketch below.

7610

Instructions: (Cont'd)

2. Inspection is accomplished by firmly grasping the unit, pulling and rotating the ball end to insure no wear exists.
3. If indication of wear is noted, replace units with Piper Part No. 31747-00 or the appropriate kit listed below.
4. If no indication of wear is noted, make appropriate log book entry indicating compliance with this Service Letter.
5. Check control travel to insure control arm contacts both stops.
6. Make appropriate log book entry indicating compliance with this Service Letter.

Material Required:

When required per Instruction No. 3 above, the following will apply:

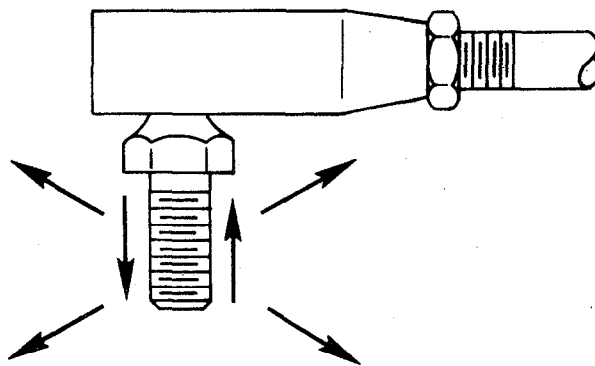
<u>Part No.</u>	<u>Quantity</u>	<u>Aircraft Model</u>	<u>Suggested Retail Unit Price</u>
31747-00	As Required	All Affected Aircraft	\$1.18 C
<u>Kit No.</u>	<u>Quantity</u>	<u>Aircraft Model</u>	<u>Suggested Retail Unit Price</u>
760-889V	1 each	PA-28-180 Cherokee Arrow	\$7.13 G
	1 each	PA-32-300 Cherokee Six	\$7.13 G
760-890V	1 each	PA-28-180 Cherokee	\$14.27 C
	1 each	PA-28R-200 Cherokee Arrow	\$14.27 C
	2 each	PA-34-200 Seneca	\$14.27 C
760-891V	1 each	PA-28-235 Cherokee	\$9.18 C
	1 each	PA-32-260 Cherokee Six	\$9.18 C

Availability of Parts:

Your Piper Field Service Facility

Effectivity Date:

This Service Letter is effective upon receipt.



INSPECTION INSTRUCTIONS

Firmly grasp the unit and pull, twist and rotate the ball end. If excessive wear exists, replace the unit with new ball joint (P/N 31747-00) or applicable kit.