

SERVICE LETTER NO. 74-5

DATE: MAY 9, 1974

SUBJECTS: ITEM 1. CANOPY LOCK SEALING
 ITEM 2. FUEL TANK ACCESS COVER IMPROVEMENT
 ITEM 3. CARBURETOR AIRBOX BEARING REPLACEMENT
 ITEM 4. WIRE BUNDLE PROTECTION

SERIALS AFFECTED: AS INDICATED ON EACH SUBJECT.

TIME OF COMPLIANCE: AS INDICATED ON EACH SUBJECT.

GENERAL

Recent production changes have incorporated engineering improvements on the Model AA-5/Traveler. These improvements are itemized in this Service Letter and are recommended for the indicated aircraft in the compliance time suggested.

ITEM 1. CANOPY LOCK SEALING

SERIALS AFFECTED: AA5-0001 through AA5-0539.

TIME OF COMPLIANCE: At owner's discretion.

Since the issuance of Service Letter No. 72-3 (ITEM 4. Canopy Latch and Lock Sealing Improvements), dated August 7, 1972, an improved lock dust cover and associated o-ring have been incorporated. The installation of one or both items, as indicated below, will prevent water seepage through and around the lock.

Aircraft serials AA5-0001 through AA5-0440 require the installation of both items: Dust Cover, part number DC1; and O-Ring, part number MS28775-210. Aircraft serials AA5-0441 through AA5-0539 require the O-Ring only, part number MS28775-210.

Installation of the Dust Cover and/or the O-Ring necessitates removal of the outside canopy handle, Royalite trim panels surrounding the canopy latch box and the screws and rivets that attach the latch box assembly to the canopy. By pulling the latch box assembly out of the canopy, access to the lock body nut may be gained. After removing the nut and lock body, discard the existing dust cover and seal, install the improved dust cover and/or O-Ring and reassemble. Four (4) Rivets, part number 1604-0412, are required to reassemble the latch box assembly to the canopy.

See Figure 1 for dust cover and o-ring location.

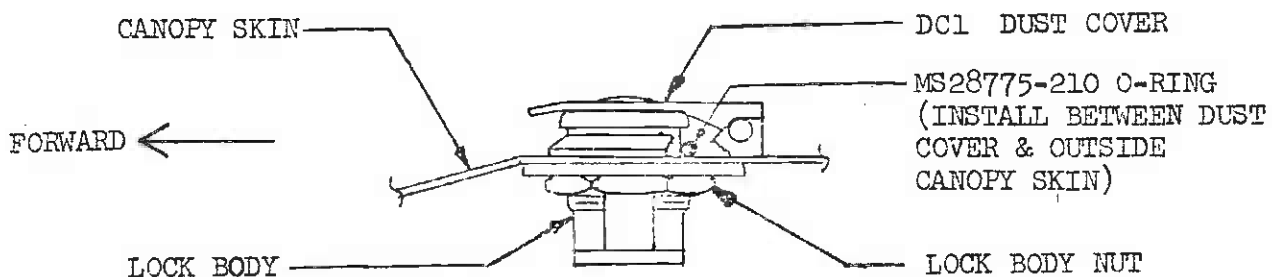


FIGURE 1. CANOPY LOCK SEALING

ITEM 2. FUEL TANK ACCESS COVER REPLACEMENT

SERIALS AFFECTED: AA5-0001 through AA5-0348, AA5-0349 (right-hand wing), AA5-0350 (left-hand wing) and AA5-0355 (left-hand wing).

TIME OF COMPLIANCE: Anytime that the existing cover will not seal, or when replacement of the cover is necessary.

To improve sealing of the fuel tank access covers, the cover material thickness has been increased from .032" to .040". This new Cover, part number 5201184-1, may be installed on the affected aircraft, however, the existing covers should not be replaced, if an adequate seal is being maintained. The applicable Service Manual and Fuel Tank Cover Sealing Kit should be consulted, prior to replacement.

ITEM 3. CARBURETOR AIRBOX BEARING REPLACEMENT

SERIALS AFFECTED: AA5-0071 and on.

TIME OF COMPLIANCE: When inspection of the existing bearing dictates replacement.

Effective on production aircraft AA5-0574 and on, a redesigned carburetor airbox bearing has been incorporated. This improved bearing is supported by a rubber grommet and may be installed on AA5-0071 through AA5-0573. Service Kit No. SK-120-2, Carburetor Airbox Bearing Replacement Kit, provides the materials and instructions required for the modification. This Kit may also be ordered for aircraft serials AA5-0574 and on, when bearing replacement is required.

ITEM 4. WIRE BUNDLE PROTECTION

SERIALS AFFECTED: All Model AA-5 aircraft.

TIME OF COMPLIANCE: At next scheduled inspection, or sooner at owner's discretion.

It has come to our attention that on some aircraft, the aft tailcone wire bundle may be chafing the inside belly skin. To preclude this condition, the following "onetime" inspection and modification is recommended in the compliance time suggested.

Remove the baggage floor inspection cover, the aft baggage upholstery panel or inspection cover (1974 and later models) and view the wire bundle. If the wire bundle is chafing the belly skin, or if such a condition could develop, the wire bundle should be isolated from the skin by installing Spirap on the bundle, or by installing foam or friction tape under the bundle on the belly skin.

Model AA-5 aircraft which have the wire bundle routed along the aft tailcone side skin, are not subject to this inspection and modification.

PARTS INFORMATION SUMMARY

	<u>QTY.</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>PRICE EACH</u>
ITEM 1.	4	1604-0412	Rivet	.03 (E)
	1	DC1	Dust Cover	.79 (E)
	1	MS28775-210	O-Ring	.12 (E)
ITEM 2.	A/R	5201184-1	Cover	1.08 (H)
ITEM 3.	1	SK-120-2	Carburetor Airbox	.36 (E)
			Bearing Replacement Kit	
ITEM 4.	N/A	N/A	N/A	N/A

Parts required for the above modification are available from your authorized Grumman American Aviation Corporation Dealer.

Since the subjects covered in this Service Letter are design improvements, no parts or labor allowance will be available for compliance.

Prices subject to change without notice.

Very truly yours,

GRUMMAN AMERICAN AVIATION CORPORATION



Paul H. Seibert
Customer Service Manager

PHS:pjo

Distribution (B)