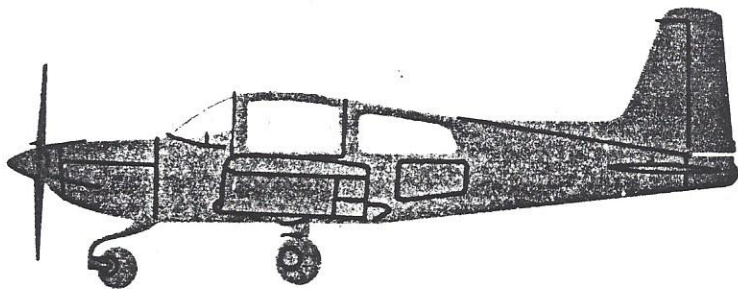
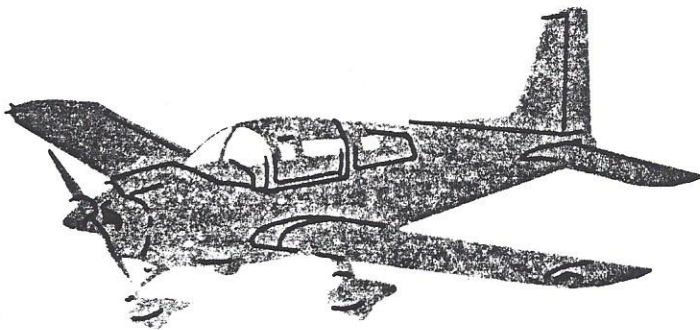
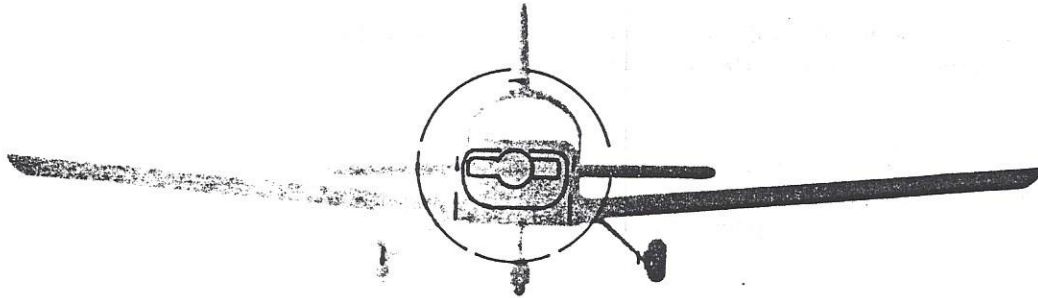


SINGLE ENGINE AIRCRAFT SERVICE KIT NO. 133

SUBJECT: ENGINE (ATA NO. 75) INDUCTION AIR FILTER ASSEMBLY - REPLACEMENT OF



NOTED BY	
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19 April 1977

GRUMMAN AMERICAN AVIATION CORPORATION

PO BOX 2206, SAVANNAH, GEORGIA 31402

PROPRIETARY INFORMATION

This document consisting of 4 pages with 2 figures contains information proprietary to Grumman American Aviation Corporation. It shall not be used, duplicated, or further disseminated for any purpose, other than for use in connection with an installation in AA-5B aircraft without written consent of an authorized representative of Grumman American Aviation Corporation.

GRUMMAN AMERICAN SINGLE ENGINE AIRCRAFT SERVICE KIT NO. 133

SUBJECT: Engine (ATA No. 75) Induction Air Filter Assembly - Replacement of.

PURPOSE/DISCUSSION: Modify existing AA-5B Aircraft with an improved Induction Air Filter Assembly.

DESCRIPTION: Replaces existing Air Filter with improved Air Filter Assembly and modifies existing Air Induction Box Assembly.

SPECIAL TOOLS/
EQUIPMENT REQUIRED: None

EFFECTIVITY:	<u>MODEL</u>	<u>SERIAL NUMBER</u>
	AA-5B	0001-0328 0337-0348

WEIGHT AND BALANCE: Negligible

THIS IS A DESIGN IMPROVEMENT. NO PARTS OR LABOR CREDIT WILL BE GIVEN.

PRICE: Prices are subject to change without notice:

List Price (E)
\$29.79

GRUMMAN AMERICAN SINGLE ENGINE AIRCRAFT SERVICE KIT NO. 133

MODIFICATION INSTRUCTIONS:

- A. Prepare Aircraft for safe maintenance.
 - A-1 Gain access to Engine Compartment. Open Air Induction Box and remove existing Air Filter and discard.
 - A-2 Remove Sealant from tooling hole in aft plate between Air Induction Box and firewall.
 - A-3 Install MS35207-261 Screw, AN960-10 Washers (2) and MS20364-1032 Nut. (See Figure 1).
 - A-4 As an aid for installing 8994656 Filter, recommend making filter insertion plate using dimensions shown in Figure 2.
 - A-5 Position 8994656 Filter on 5503005-508 Filter Cover. Coat Filter insertion plate with light coat of Engine Oil and compress 8994656 Filter between insertion plate and filter cover and install filter in Air Induction Box.

NOTE

When properly positioned dimple in center of 5503005-508 Filter Cover fits over MS35207-261 Screw head acting as detent to hold cover in proper position.

- A-6 Remove insertion plate while holding filter in position.
- A-7 Close cover on Air Induction Box and close Engine Cowling opened in Step A-1.
- B. Return Aircraft to flight status.
- C. Record compliance in the aircraft's log book.

PARTS REQUIRED

<u>Part Number</u>	<u>Nomenclature</u>	<u>Qty.</u>
5503005-508	Filter Cover	1
MS35207-261	Screw	1
MS20364-1032	Nut	1
AN960-10	Washer	2
8994656	Air Filter Assembly	1

Service Kit prepared by Grumman American Aviation Corporation,
P. O. Box 2206, Travis Field, Savannah, Georgia 31402.

FAA (DER) Approval of this Service Kit has been granted.

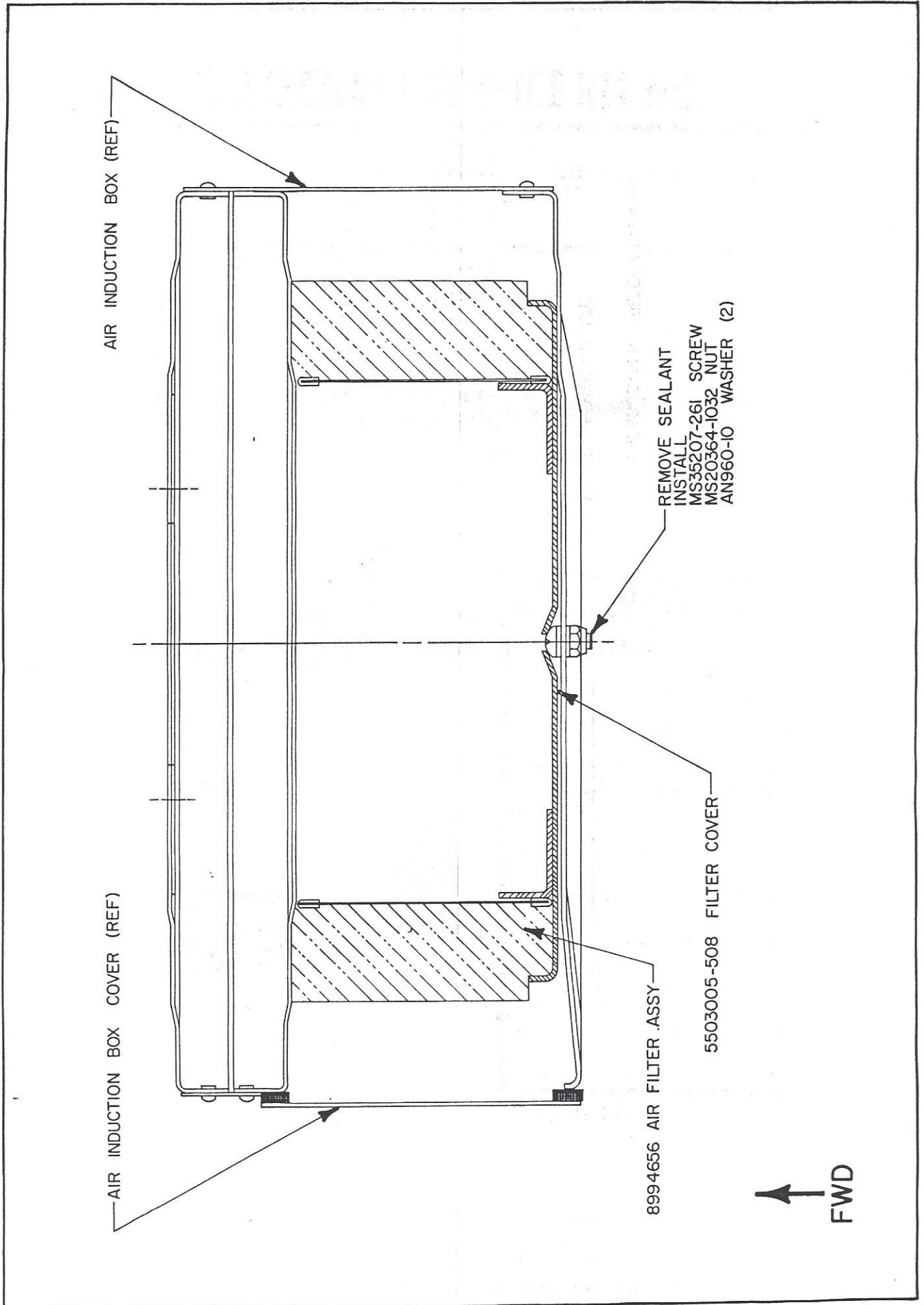
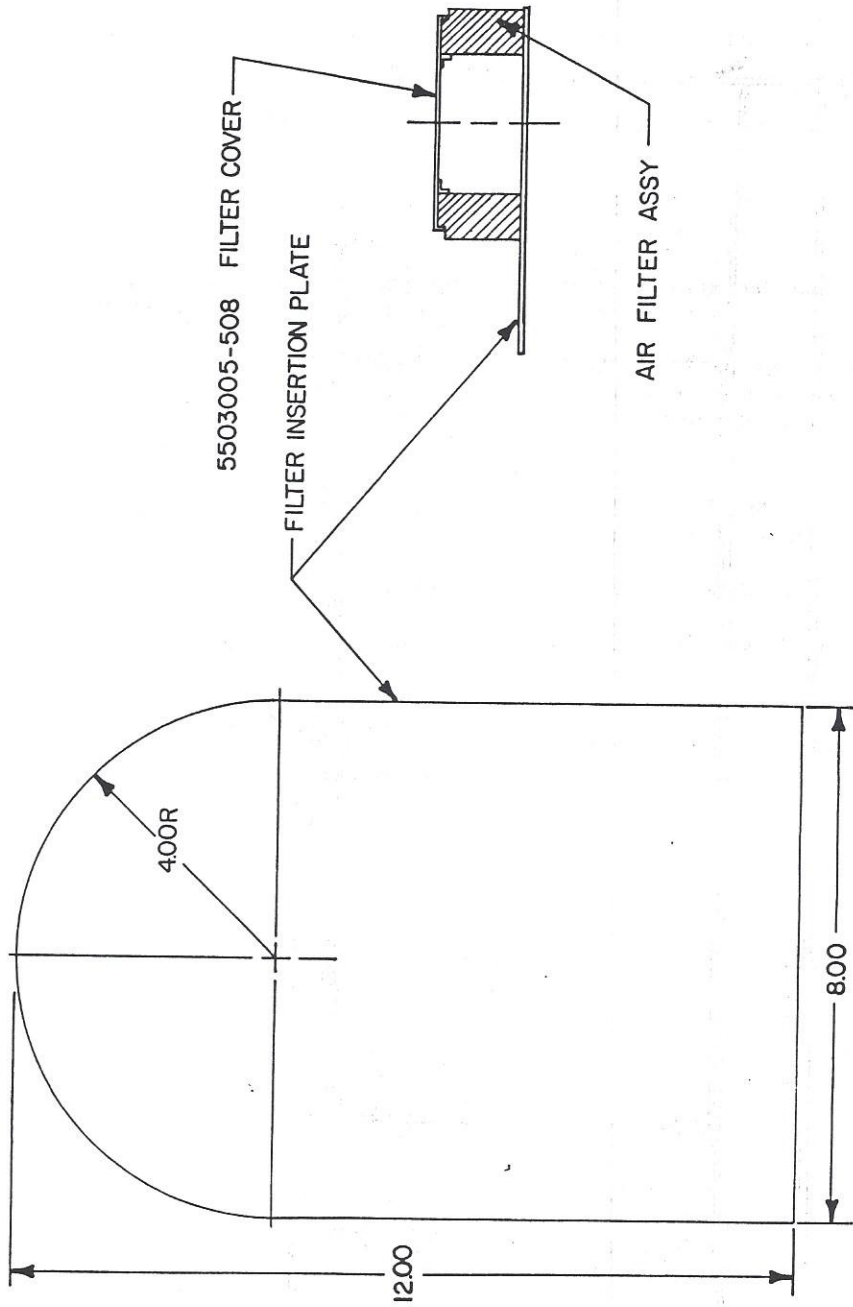


FIGURE 1



CONSTRUCT AIR FILTER INSERTION PLATE OF .022 THICK METAL OR MATERIAL OF SUFFICIENT RIGIDITY.

AIR FILTER INSERTION PLATE

FIGURE 2