

**GRUMMAN AMERICAN AVIATION
CORPORATION**

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(216) 448-2200 TELEEX NO. 980-245

SERVICE BULLETIN NO. 146
"FAA DOA EA-4 APPROVED"

DATE: February 5, 1975

SUBJECT: FIREWALL RIVET INSTALLATION

SERIALS AFFECTED: All Model AA-1 and AA-1A, AA1B-0001 thru AA1B-0502
and AA5-0001 thru AA5-0710.

TIME OF COMPLIANCE: At next scheduled inspection, or within 50 hours
of operation, whichever occurs first.

GENERAL

The firewall on Grumman American aircraft is constructed by attaching two pieces of sheet steel to the forward side of the honeycomb cabin structure. The upper and lower firewalls are joined together by a .75 inch overlap that is riveted with Avex aluminum rivets.

To provide increased protection in the cabin area, if a fire should occur in the engine compartment, the aluminum rivets have been replaced by steel rivets with closer spacing on current production aircraft.

In order to provide this protection on the delivered aircraft serials listed in this Service Bulletin, additional steel rivets must be added to supplement the existing aluminum rivets. The installation must be made in the time of compliance indicated.

INSTALLATION INSTRUCTIONS (Refer to Figure 1)

1. Remove upper engine cowl.

N O T E

ON MODEL AA-1, AA-1A AND AA-1B AIRCRAFT THE
OIL SCREEN HOUSING WILL HAVE TO BE REMOVED
TO PROVIDE CLEARANCE FOR DRILLING AND RIVET
SETTING.

2. Layout rivet pattern on same centerline as existing rivets and center punch hole locations as shown in Figure 1, detail A and B.
3. With a right angle drill, drill (24) .129/.132 dia X .25 deep holes that were located in Step 2. Drill out existing end rivets with a number 30 drill.
4. Install (26) MD424BS Rivets (approved alternate is Cherrylock #CR2563M4-2), using Avdel Model 735 Rivet Tool or equivalent.

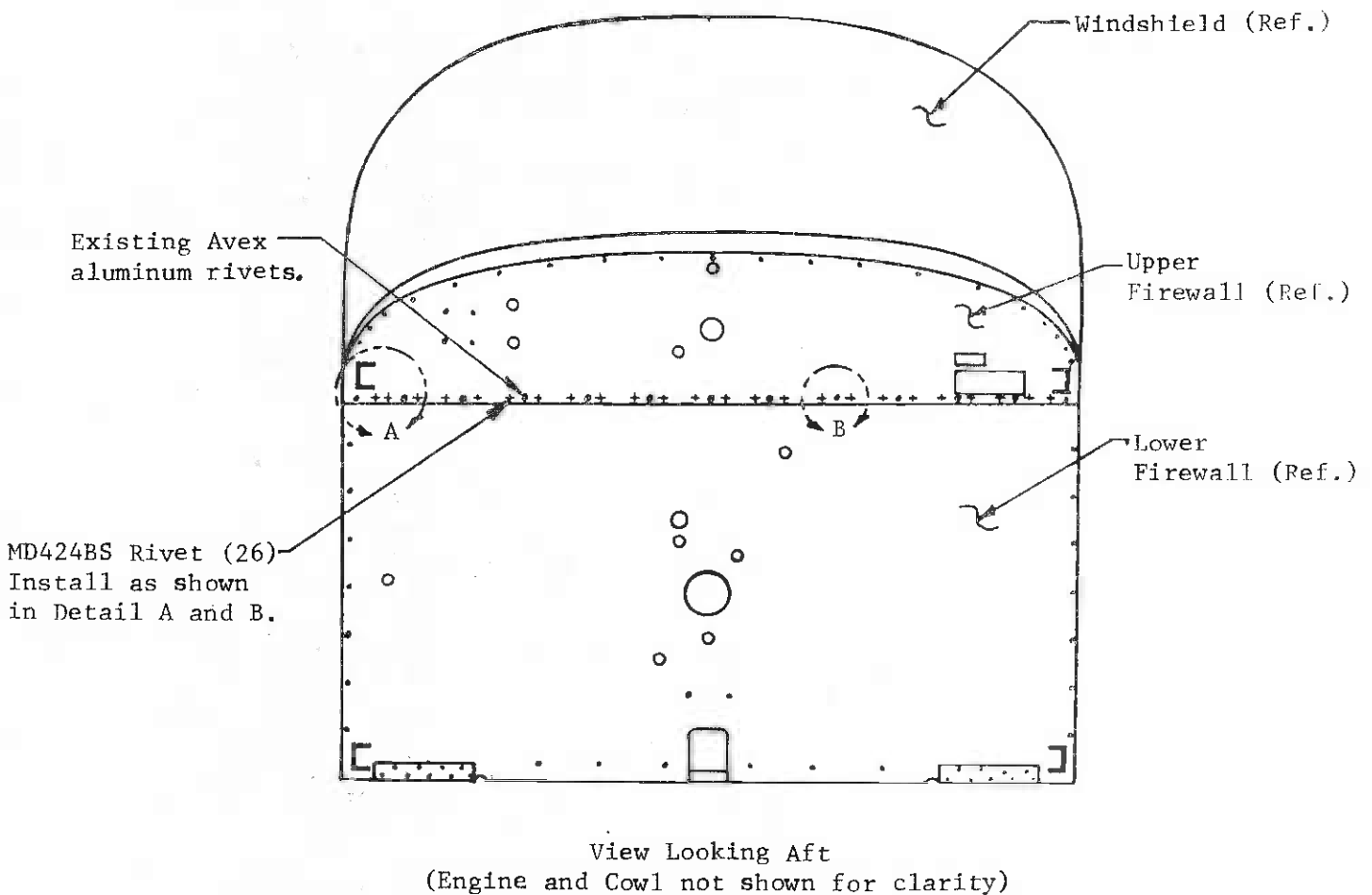
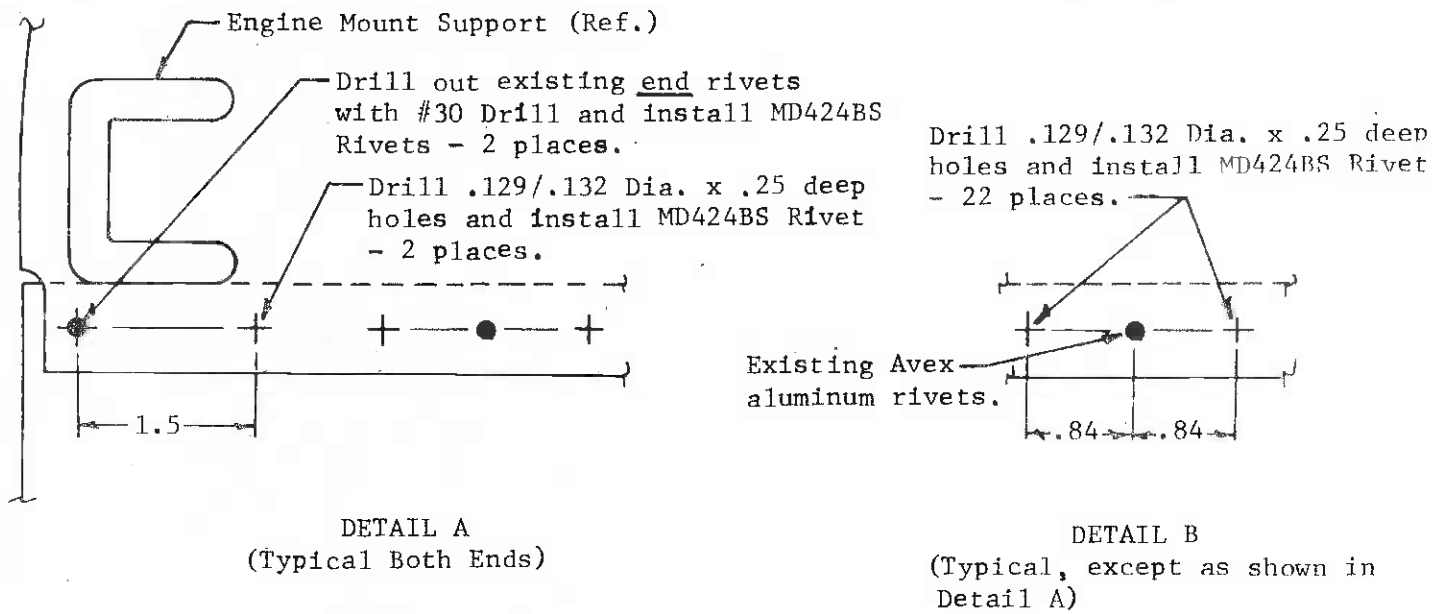


Figure 1. Firewall Rivet Installation

N O T E

DUE TO MINIMUM MAGNETO/FIREWALL CLEARANCE ON MODEL AA-1, AA-1A AND AA-1B AIRCRAFT, MAGNETO REMOVAL MAY BE REQUIRED, DEPENDING ON RIVET TOOL USED.

5. Install oil screen and magnetos, if removed. Install upper engine cowl.

PARTS INFORMATION

Rivets, part number MD424BS, price \$.07(E) each, (26) required, are available from your authorized Grumman American Aviation Corporation Dealer.

CREDIT INFORMATION

A full parts and labor credit allowance of 1.0 hours for rivet installation on 2-place aircraft and .5 hours for rivet installation on 4-place aircraft at the Dealer's prevailing shop rate, will be available for each aircraft in warranty as of the date of this Service Bulletin.

All work must be performed or authorized by a Grumman American Aviation Corporation Dealer or representative and a completed Warranty Claim Form No. GAA-740, submitted to the factory prior to August 31, 1975 for credit allowance.

Prices subject to change without notice.

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REB:nf

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