

SERVICE BULLETIN NO. 137A
Supersedes SB No. 137

DATE: June 22, 1973
SUBJECT: Engine Mount Inspection
SERIALS AFFECTED: AA5-0175 through AA5-0290
TIME OF COMPLIANCE: Within 25 hours of operation

GENERAL

Some aircraft within the above serial number range may have been produced with engine mounts that provide insufficient clearance between the engine mount and the air intake pipes on number 3 and number 4 cylinder.

To prevent possible damage to the air intake pipes, due to contact with the engine mount, the following inspection is to be accomplished within 25 hours of operation on the above affected aircraft.

INSPECTION

Inspect clearance between engine mount and #3 and #4 air intake pipes as shown on Figure 1. NOTE: CLEARANCE IS TO BE .25" MINIMUM.

If clearance is .25" or greater, no further action is required and the aircraft may be returned to service.

MODIFICATION

If clearance is less than .25", but no evidence of physical contact between the engine mount and the air intake pipes exists, the aircraft may be returned to service, but the engine mount must be replaced within 100 hours of operation or at the next scheduled inspection, whichever occurs first.

If clearance is less than .25" and evidence of physical contact between the engine mount and air intake pipe exists, the engine mount must be replaced within 10 hours of operation and the intake pipe checked for cracks before further flight. Replace intake pipe before further flight if required.

PARTS INFORMATION

Engine mount assembly, part no. 5501110-501, price \$297.33 (H).

CREDIT ALLOWANCE

A labor credit allowance of 8.0 hours at the dealer's prevailing shop rate will be available for replacement of defective engine mounts, on all affected aircraft in or out of warranty.

A full parts credit for defective engine mounts will be available. The lower left mount cluster assembly as shown in Figure 1, is to be removed from the defective mount assembly, identified with Tag, Form GAAC-741 and return to the factory, for credit allowance. The remainder of the mount is to be destroyed.

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 September 30, 1973 for credit allowance.

SERVICE REPLY CARD

Service Reply Card (attached), is to be completed and returned, noting compliance with the inspection requirements in this Service Bulletin No. 137 and also noting clearance.

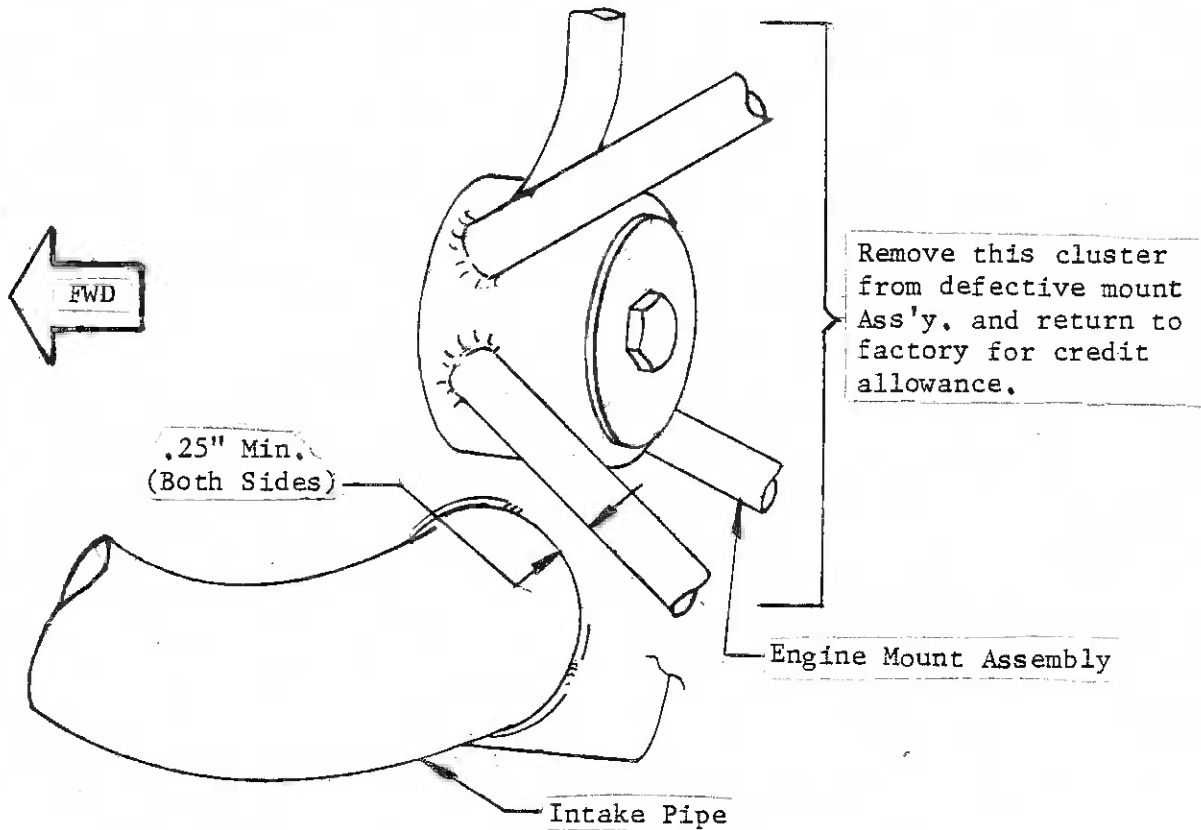


FIGURE 1. ENGINE MOUNT/INTAKE PIPE CLEARANCE INSPECTION
(LH shown, RH opposite)

Prices subject to change without notice.

GRUMMAN AMERICAN AVIATION CORPORATION

NOTE: REVISION "A" CHANGES CYLINDER 2 TO CYLINDER 3.