DATE: July 11, 1969

SUBJECT: Exhaust System Modification

MODELS AFFECTED: AA1-0001 through AA1-0159

WEIGHT AND BALANCE CHANGE: Negligible

Parts List

Quantity	Part Number	Description
1	503008-501	Exhaust Bracket Assembly
1	QS200M52S	Clamp
2	AN960-416	Washers
1	MS90725-10	Bolt

Description of Modification

1. Removal of existing exhaust tail pipe hanger.

2. Installation of rigid exhaust tail pipe brace and related attach hardware.

Modification Instructions - Removal

1. Remove upper and lower engine cowling.

2. Remove existing tail pipe hanger assembly by cutting flexible material, loosening clamp, and sliding clamp off the tail pipe.

3. Inspect muffler per Service Letter 69-2.

Modification Instructions - Installation

1. Remove the oil sump bolt and nut located just forward of the lower right-hand engine-to-engine mount attach point. Discard bolt.

2. Remove the oil sump bolt located at left rear corner of engine. This bolt is also used for holding engine primer line clamp.

3. Install 503008-501 bracket assembly and locate at holes from which the above bolts were removed.

   NOTE: Throttle, mixture, and carburetor heat control cables are to be positioned between bracket arms.

4. Position one (1) AN960-416 Washer (supplied in Service Kit) on outside of bracket and reinstall left side oil sump bolt, sandwiching primer line clamp between original washer and oil sump.

5. Position one (1) AN960-416 Washer (supplied in Service Kit) on outside of replacement bracket and install right side oil sump bolt, washers, nut, using the MS90725-10 Bolt supplied in Service Kit.

6. Torque sump bolts to 60 inch pounds.

7. Locate QS200M52S clamp over tail pipe and forward areas of bracket and secure.

8. Check clearance and operation of engine controls and install cowlings.

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