

No. 64-9

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SHOCK MOUNTS FOR INSTRUMENT PANEL

MODELS AFFECTED: Model 23 (M-1, M-2, M-3, M-7, M-8, M-10 thru M-52, M-54 thru M-340, M-348 thru M-432, M-434 thru M-467, M-469 thru M-481, M-484 thru M-503, M-506, M-507, M-509, M-510, M-512, M-513, M-514, M-517, M-518, M-520, M-522, M-524, M-525, M-527 thru M-531, M-535, M-537, and M-539 thru M-541).

Two additional shock mounts are now available for installation on the floating panel to protect the instruments against the shock of the starting torque produced by the engine. As a further precaution, it is recommended that .187 inch be trimmed from the fixed instrument panel in the area around the air speed and the turn and bank indicators on all Musketeers affected by this letter. This will provide additional clearance for these instruments during engine starts.

The new shock mounts can be installed without further modification on fixed and floating instrument panels that already contain holes centered between the existing shock mounts along the top and bottom of the floating panel. In instrument panels not equipped with these holes, the new shock mounts can be located and installed as follows:

1. Using a 11/64 drill, drill a hole through the floating panel at a point in line with the center of the directional gyro and .40 inch up from the bottom edge of the panel.

2. Remove the cap nuts from the existing shock mounts on the bottom of the panel and lift the panel until the existing shock mounts are perpendicular to the fixed panel.

3. With the panel in this position, use a 11/64 drill to drill a hole in the fixed panel directly aligned with that in the floating panel.

4. Insert the 169-324000-35 shock mount between the two panels and through the holes in each; secure it in place with a 8-32 brass cap nut and AN340-8 nut, then reinstall the cap nuts on the existing shock mounts.

5. Using a 11/64 drill, drill a hole through the floating panel at a point .30 inch from the top of the panel and in line with the hole previously drilled in the bottom of the panel.

6. Drill a hole of the same size in the fixed panel directly in line with that just drilled in the floating panel.

7. Insert the 169-324000-33 shock mount between the two panels and secure it in place with a 8-32 brass cap nut and AN340-8 nut.

The following parts are required for this modification:

PART NUMBER	DESCRIPTION	QUANTITY
169-324000-33	Shock Mount	1
169-324000-35	Shock Mount	1
Number 8-32	Brass Cap Nut	2
AN340-8	Nut	2

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