

# SERVICE



# LETTER

Service Letter No. 431

September 2, 1964

TO: Distributors, Dealers, Certified Service Centers and Owners

SUBJECT: Insulation of Motor Mounts

AIRCRAFT AFFECTED: PA-24 "250" Comanches - Serial Nos. 24-3558 to 24-3687  
incl. also those Comanches listed in note of this service  
letter

COMPLIANCE DATE: Prior to but not later than next 50 hours of operation

The aircraft indicated by the above serial numbers are equipped with a hollow type muffler. Service reports from the field indicate that, due to the construction of this hollow muffler, the engine mount tubes have shown evidence of heat at the end where the burned gases enter the tailpipe. This heat has resulted in two of the engine mount tubes becoming scorched and, in some cases, a slight amount of corrosion has been noted.

In order to protect these tubes, kit number 756 831, consisting of two (2) asbestos blankets and clamps, is available for installation and it is required that it be installed. See sketch on reverse side of this service letter.

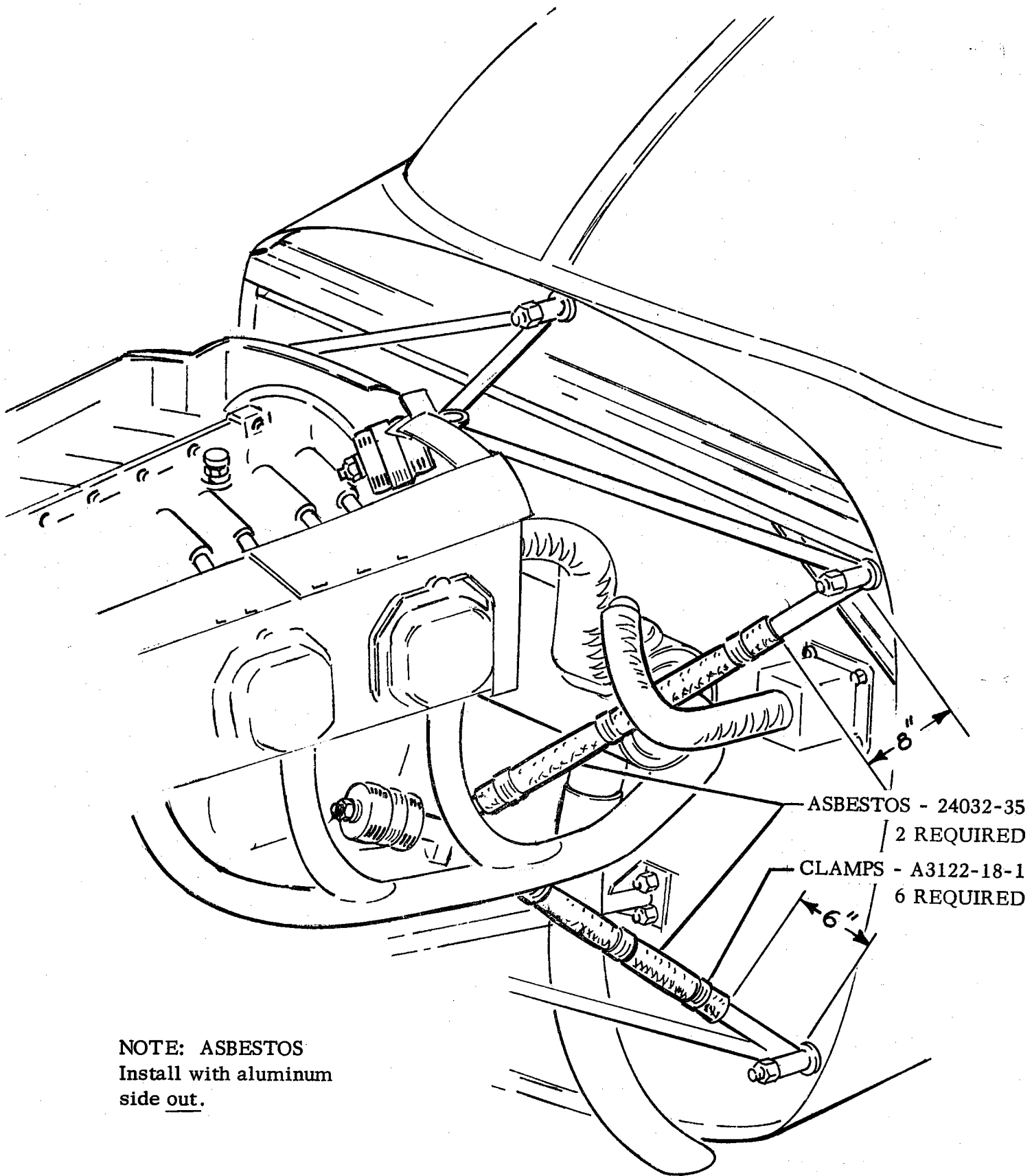
Prior to the installation of kit number 756 831, the tubes should be cleaned to the bare metal and if pits are noted, they should be sanded until the metal surface is free of paint and pits. When necessary to remove pits by sanding, the tubes should not be sanded beyond a depth of .005 on either side. When the tube is cleaned of paint and any corrosion, the tube should then be painted; first with prime (either zinc chromate or red oxide) and then with two coats of any lacquer or enamel.

## NOTE

Compliance with this service letter is required on all PA-24 "250" Comanche aircraft serial numbers 24-103 to 24-3557 inclusive that have had hollow mufflers installed as service replacements.

Distributors should estimate their requirements for the aircraft indicated by the above serial numbers and service replacements and order a sufficient quantity of these kits to comply with this service letter. The kits will be provided on a no charge basis.

**PIPER AIRCRAFT CORPORATION, LOCK HAVEN, PA., U. S. A.**



ASBESTOS - 24032-35  
2 REQUIRED  
CLAMPS - A3122-18-1  
6 REQUIRED

NOTE: ASBESTOS  
Install with aluminum  
side out.

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