



SERVICE BULLETIN

No. 509

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

"Modification DOA EA-1 Approved"

June 25, 1976

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Subject:

Replacement of Engine Mount Assembly
Attachment Nuts.

Models Affected:

PA-31-310 and PA-31-325 Navajo
PA-31-350 Navajo Chieftain

Serial Numbers Affected:

31-7612014 to 31-7612055 Inclusive.
31-7652028 to 31-7652086 Inclusive.

Compliance Time:

At the next inspection interval (periodic or Programmed Inspection Event, whichever applies), not to exceed the next 100 hours of operation.

Purpose:

It has been determined that aircraft in the above specified group may have had engine mount assembly attachment nuts installed which were not cadmium-plated. This condition could eventually lead to corrosion of the nuts.

This service release provides material and instructions to replace the existing engine mount assembly attachment nuts with cadmium-plated nuts. Appropriate nut torque values are also stated to insure proper installation.

Instructions:

Refer to sketch/instruction sheet provided with this service release for location and proper installation of engine mount assembly attachment nuts.

Material Required:

Eight (8) each per aircraft Nut, MS20365-624C, Piper part number 404 890.

Availability of Parts:

Your Piper Field Service Facility.

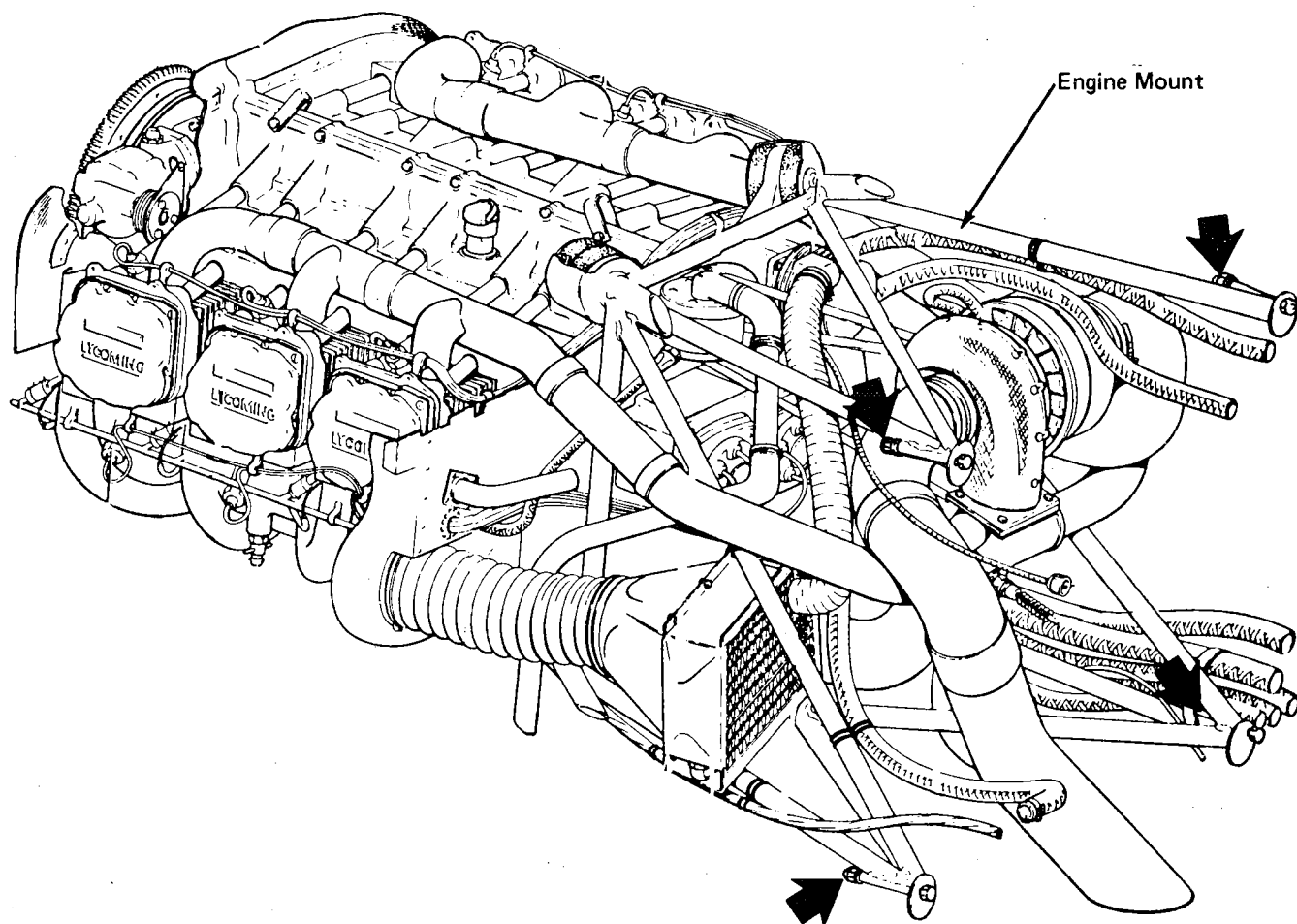
Effectivity Date:

This Service release is effective upon receipt.

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Summary:

Please contact your Piper Field Service Facility to make arrangements for compliance with the provisions of this service release, in accordance with Compliance Time, above. Material specified above required for compliance with this service release is available free of charge through your Piper Field Service Facility. Installation time is minimal when coordinated with an inspection interval.



INSTRUCTIONS

Replace existing nuts on engine mount attachment bolts (four per mount) with new cad. plated nuts MS20365-624C (Piper P/N 404 890). Torque nuts to 160 to 190 inch-pounds (13 to 16 foot-pounds).