



SERVICE LETTER

No. 690A

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

March 4, 1974 M

(Supersedes and voids Service Letter No. 690 dated January 3, 1974)

Reason for Revision:

To revise cylinder head temperature probe relocation.

Subject:

Engine Cylinder Baffle Removal and Cylinder Head Temperature Probe Relocation

Models Affected:

PA-31-350 Navajo Chieftain

Serial Numbers Affected:

31-5001 to 31-5004 incl., 31-7305005 to 31-7405135 incl. and 31-7405401

Compliance Time:

Within the next 100 hours of operation.

Purpose:

It has been determined from a continuing series of flight tests, that the engine No. 3 and No. 4 cylinder baffles (Piper Part No. 53390-00 - left and Part No. 53394-00 - right) could be removed from the engine compartment without affecting engine cooling. Current production aircraft no longer include the engine No. 3 and No. 4 cylinder baffles.

Therefore, to coincide with current production installations, this service release provides instructions to remove the above referenced engine cylinder baffles and (resulting from the removal of the No. 3 cylinder baffle) to relocate the cylinder head temperature probe from its original location on the No. 3 cylinder to the No. 6 cylinder. Baffle removal relates to both engines and the cylinder head temperature probe relocation relates to the left engine only (refer to sketch on the reverse side of this service release for a pictorial description).

Instructions:

Contained on sketch/instruction sheet on reverse side of this service release.

Material Required:

Not applicable.

Availability of Parts:

Not applicable.

Effectivity Date:

This Service Letter is effective March 11, 1974.

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.

Summary: (continued)

The modification described above may be performed in a minimum amount of time when accomplished during a routine engine maintenance or inspection interval.

A Service Publication Compliance form is enclosed with each copy of this service release mailed to affected owners of record; this form is to be filled out according to instructions on the form reverse side and left with the Piper Field Service Facility performing the modification.

