



SERVICE LETTER

No. 712

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

May 15, 1974 M

Subject:

High-Tensile T-Bolt Clamping Bands -- reference attached Lycoming Service Bulletin No. 372A, dated March 15, 1974.

Models Affected:

PA-31-350 Navajo Chieftain

Serial Numbers Affected:

31-5001 to 31-7405208 incl., 31-7405401 to 31-7405431 incl.

Compliance Time:

Refer to attached Lycoming Service Bulletin No. 372A, Time of Compliance.

Purpose:

To provide distribution of attached Lycoming Service Bulletin No. 372A, dated March 15, 1974.

Balance of Piper Service Letter format not applicable; refer to attached Lycoming Service Bulletin No. 372A for detailed information.

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AVCO LYCOMING DIVISION

WILLIAMSPORT, PENNSYLVANIA 17701

Service Bulletin

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DATE:

March 15, 1974

Service Bulletin No. 372A
(Supersedes Service Bulletin No. 372)
Engineering Aspects are
FAA (DEER) Approved

SUBJECT:

High-Tensile T-Bolt Clamping Bands

MODELS AFFECTED:

TIO-540-J and LTIO-540-J series engines.

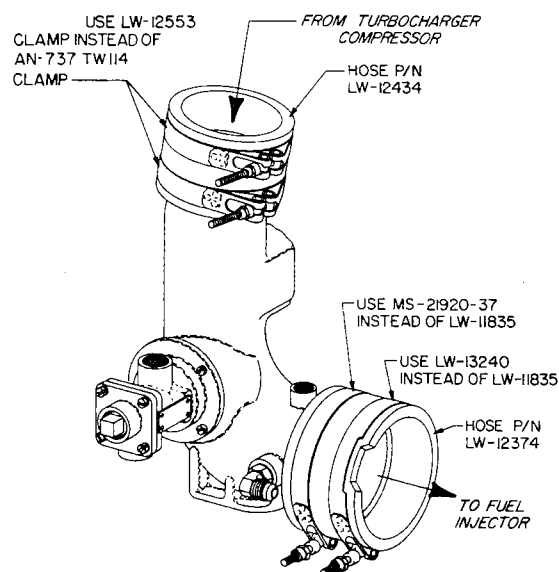
TIME OF COMPLIANCE:

Not later than next 50 hour inspection of the aircraft engine.

It has been found that operating characteristics of some engine installations tend to cause loosening of the rubber connections used to attach the air inlet housing assembly to the compressor outlet of the turbocharger and the fuel injector inlet. Slipping of the rubber hose or failure of the clamp can cause immediate loss of manifold pressure to normally aspirated engine conditions.

To correct this condition, a wider, heavier clamping band with T-bolt tightening device has been provided to replace the narrower screw-type clamp now used at these locations. Replacement should be made at the operators earliest convenience. Replace connector hoses if they show evidence of ageing or are damaged.

A kit LW-13886 for making this change is available thru any Avco Lycoming Distributor at no charge upon furnishing engine serial numbers of engines affected when ordering.



Air Inlet Housing Showing Location of T-Bolt Hose Clamps

PARTS DATA:

Kit No. LW-13886 T-Bolt Clamp (consists of):-

Qty.	Part No.	Name
2	LW-12553	T-Bolt Clamp (Use on the connector hose between the turbocharger compressor and air inlet housing)
1	MS-21920-37	T-Bolt Clamp (Use at rear location of connector hose between air inlet housing and fuel injector)
1	LW-13240	T-Bolt Clamp (Use at front location of connector hose between air inlet housing and fuel injector)

16981, 16981-B, 16981-C - These numbers for Avco Lycoming reference only.

NOTE: Revision "A" adds kit no. LW-13886; revises part numbers.