



# SERVICE BULLETIN

No. 365

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

"FAA DOA EA-1 Approved"

August 29, 1972 M

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Subject: Replacement of Torquemeter Oil Pump (reference Avco Lycoming Service Bulletin No. 350, dated July 21, 1972, reproduced on the reverse side of this Service Bulletin.

Models Affected: PA-31P Navajo

Serial Numbers Affected: Reference Avco Lycoming Service Bulletin No. 350, Models Affected. (over)

Compliance Time: Reference Avco Lycoming Service Bulletin No. 350, Time of Compliance. (over)

Purpose: To provide distribution of Avco Lycoming Service Bulletin No. 350, reproduced on the reverse side of this Bulletin.

Instructions: Provided by Avco Lycoming with the modification material, per Avco Lycoming Service Bulletin No. 350. (over)

Material Required: Reference Avco Lycoming Service Bulletin No. 350 (Avco Lycoming Kit No. LW12637), reproduced on the reverse side of this Bulletin.

Availability of Parts: Your Piper Dealer.

Effectivity Date: This Service Bulletin is effective September 7, 1972.

Summary: Please contact your Piper Dealer to arrange for compliance with Avco Lycoming Service Bulletin No. 350, dated July 21, 1972, reproduced on the reverse side of this Bulletin.

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# **AVCO LYCOMING DIVISION**

WILLIAMSPORT, PENNSYLVANIA 17701

## Service Bulletin



S. B. #365

DATE: July 21, 1972

Service Bulletin No. 365  
Engineering Aspects are  
FAA (DEER) Approved

SUBJECT: Replacement of Torquemeter Oil Pump

MODELS AFFECTED: All Avco Lycoming TIGO-541 series engines except the following.

Engine Serial Numbers 127-62, 128-62, 129-62, 158-62, 159-62, 176-62, 193-62, 198-62, 201-62, 205-62, 206-62, 209-62, 228-62, 241-62, 243-62, 250-62, 251-62, 264-62, 267-62, 269-62, 270-62, 271-62, 272-62, 273-62, 276-62, 280-62 thru 284-62, 286-62 thru 296-62, 299-62 and up.

All Remanufactured Engines shipped after May 15, 1972 are not applicable.

TIME OF COMPLIANCE: Within next 50 hours.

The torquemeter oil pump assembly, No. LW12220, located in the front of the engine below the propeller shaft is discontinued in both production and remanufactured engines. To provide more reliable operation it is recommended that all owners and operators remove this torquemeter oil pump assembly and install a propeller shaft drive thrust bearing assembly.

A kit, LW12637, containing the component parts

necessary to accomplish this conversion on two engines is available. Besides the necessary parts, the kit also contains a special service publication, SSP472, which provides the necessary instructions to accomplish the change. The kit may be obtained direct from the Avco Lycoming factory at no cost. The serial numbers of the engines must be supplied with your request in addition to the serial number of the aircraft.

16906 - This number for Avco Lycoming reference only.