

Service Bulletin

DATE: 10-15-90

SERVICE BULLETIN NO. 3
ENGINEERING ASPECTS ARE FAA APPROVED

SUBJECT: Aircraft-Engine Vibration Levels

MODELS AFFECTED: A-1 Husky Aircraft

For Indexing: S/N's 1001 thru 1138, 1140,
& 1144

For Conical Mounts: S/N's 1001 thru 1138,
1140 thru 1144, & 1146
thru 1165

TIME OF COMPLIANCE: At Owners Discretion

Recent tests have confirmed that engine vibration levels in the Husky can be substantially reduced by reindexing the propeller and installing Lord J-1522 conical mounts in place of the rubber conical mounts supplied by Lycoming.

Reindexing of the propeller should be accomplished in accordance with Lycoming Service Instruction No. 1452, a copy of which is enclosed with this Service Bulletin. In order to reindex the propeller, two additional bushings (Lycoming P/N's 72061S & 72074S), must be purchased and installed. These bushings are available from Christen Industries at cost. If the propeller has been previously reindexed or, after the propeller is reindexed, the propeller blades will be at the 7 o'clock - 1 o'clock position at the beginning of the engine compression stroke.

A set of Lord J-1552 conical mounts and bushings may be purchased at cost. The Lord mounts are completely interchangeable with the conical mounts originally installed on the aircraft.

Bushings and conical mounts may be obtained by contacting Christen Industries at Afton, Wyoming.

Williamsport Plant
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652 Oliver Street
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SERVICE INSTRUCTION

DATE: October 22, 1990

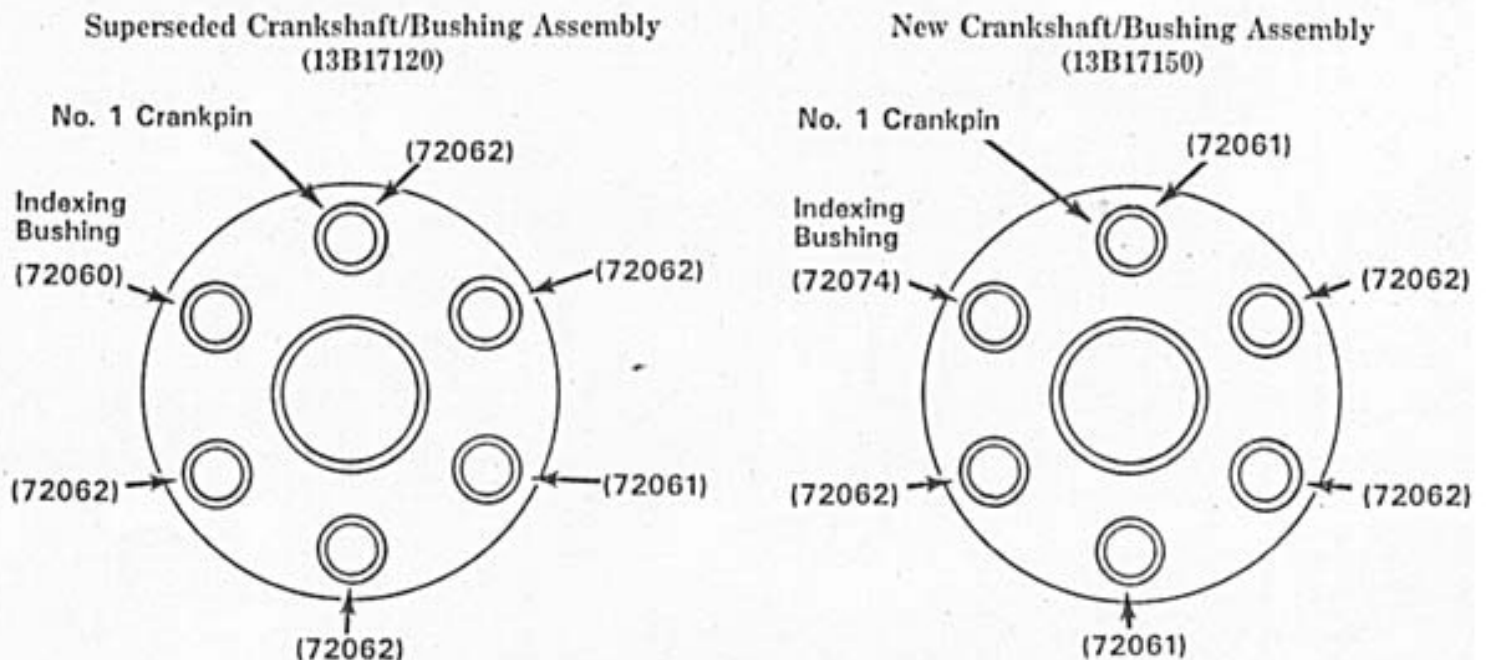
Service Instruction No. 1452
Engineering Aspects are
FAA Approved

SUBJECT: Reindexing of Prop Flange Bushings

MODELS AFFECTED: O-360-C1G installed in Christen Husky Aircraft with serial numbers up to L-32584-36A inclusive.

TIME OF COMPLIANCE: At Owner's Discretion.

For the purpose of improving cabin vibration characteristics in Christen Husky aircraft employing the subject engine model, prop flange bushings are reindexed as shown in Figure 1. Refer to latest edition of Service Instruction No. 1098 for installation of replacement bushings. (Service-replacement bushings are designated with the suffix "S".)



Upon compliance with this Service Instruction, re-identify the new bushing configuration by vibropeening the new crankshaft/bushing assembly part number on the outside diameter of the prop flange. Note in log book.

Figure 1. Bushing Indexing Configuration