

SERVICE BULLETIN 108 MANDATORY

SUBJECT: Glasair III Cowl Flap Rod End Bearings (Stoddard-Hamilton Stock No. 170-0110-003)

APPLICATION: All 170-0110-003 rod end bearings shipped either with or without kits between 7/3/91 and 12/31/91. These bearings are used in the Glasair III cowl flap linkage.

DESCRIPTION: Some of the 170-0110-003 rod end bearings recently shipped lack the two small inspection holes that are necessary to determine if the rod ends are threaded sufficiently onto their actuator rods. The affected rod ends are part number MW3MT-2, manufactured by Aurora Bearing.

SOLUTION:

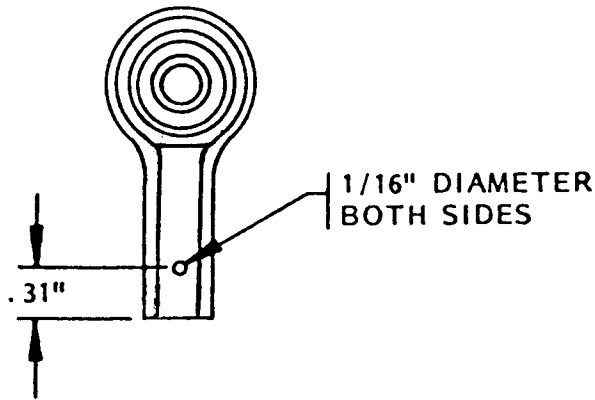


FIGURE (1)

If the rod end bearings shipped to you lack the inspection holes, they must be modified to permit inspection for adequate threading onto the actuator rods. Using a 1/16" drill bit, drill holes through both sides of the rod end bearing. Locate the holes .31" from the threaded end of the bearing, as shown in FIGURE (1).

To inspect for sufficient threading of the rod end bearing onto the actuator rod, insert a piece of .040" or smaller safety wire into the inspection hole. If the safety wire can be passed through either inspection hole past the end of the threaded actuator rod, an unsafe condition exists. The actuator rod must be threaded into the rod end bearing past the inspection hole.



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