

INSTRUCTIONS NO. 12

Propeller Modification For Franklin 6A8-215-B8F Engines  
Having Full Reverse Thrust Ball Bearing



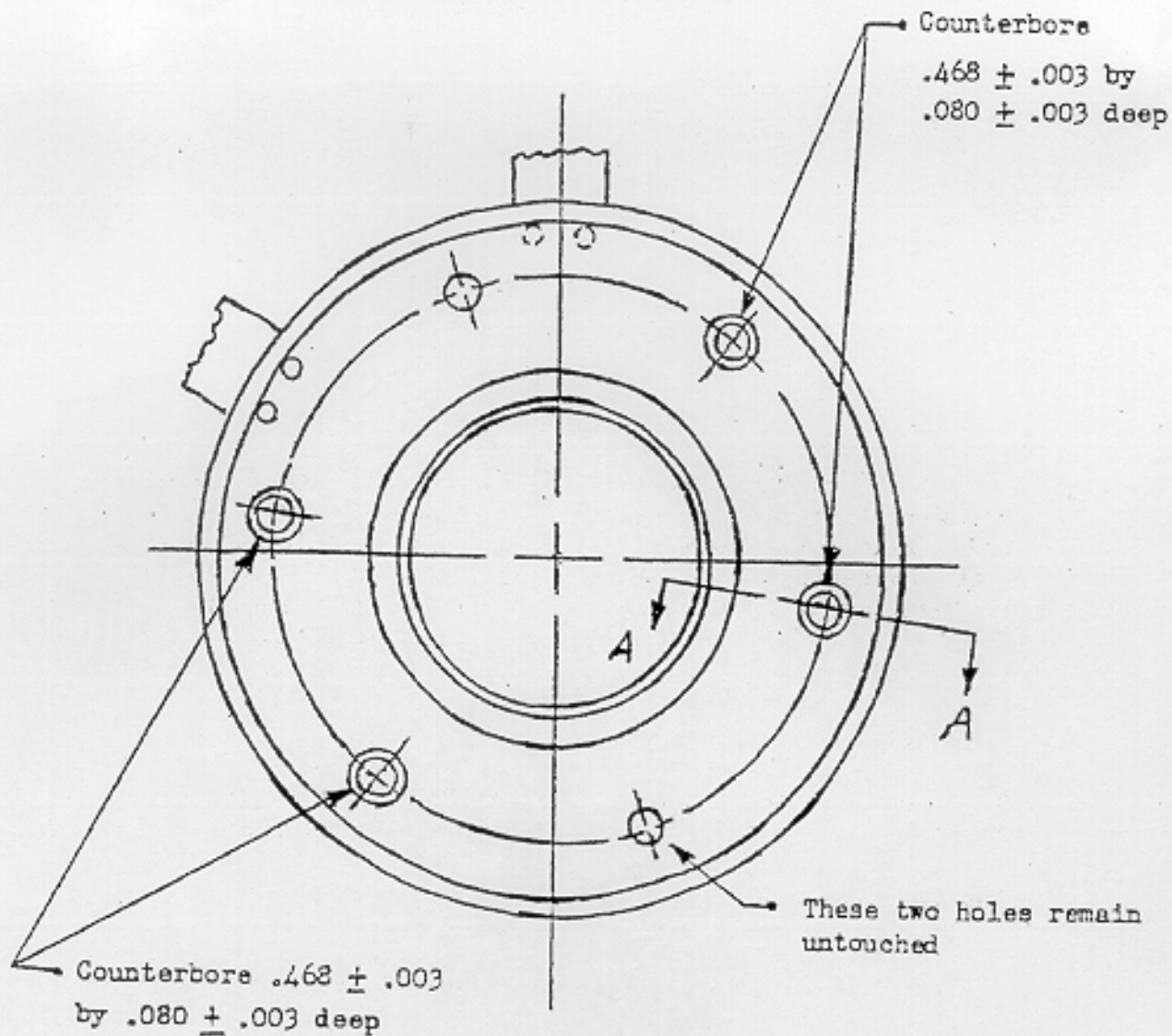
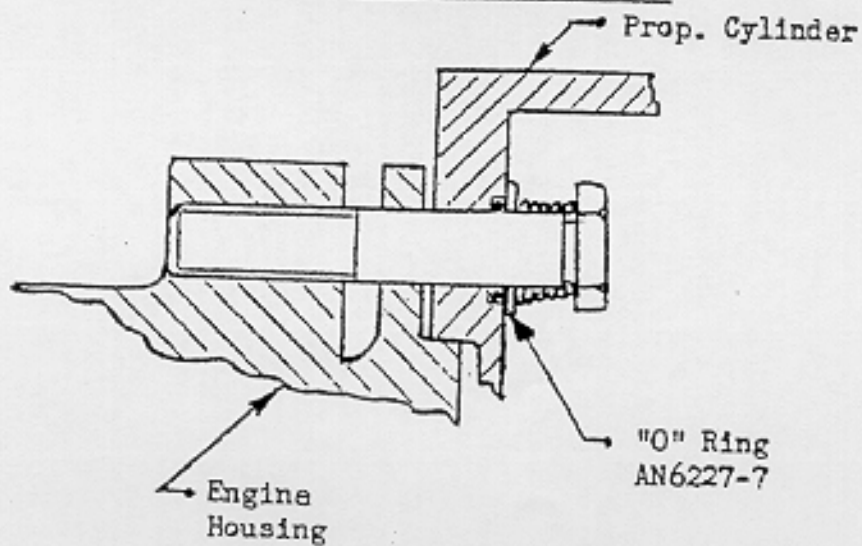
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Any Franklin Engine serial number 23001 thru 23286 which is modified to incorporate a ball reverse thrust bearing in place of the original thrust washer type bearing in order to permit full 2500 RPM operation in reverse pitch must also have the propeller cylinder modified to accommodate the "O" ring seal required by four of the six new studs used on this installation. This is identical with the installations used on engines 23281 through 23500.

The propeller cylinder used on an engine so modified must have the four holes through which the spring loaded studs pass counterbored on the inside as shown in the accompanying illustration. AN6227-7 "O" ring fits into the counterbore and prevents the oil from leaking.

The counterbore should be concentric with the stud hole. The tolerances on both the .468 diameter and .080 depth are plus or minus .003.

(over)

VIEW LOOKING INTO CYLINDERSECTION A-A