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File 51.0223
721.17023
.17045

REC. R.A.A.H.
DEC 27 1945

December 21st, 1945

TO: S. Alvis
FROM: R. M. Smith
SUBJECT: ENGINE 721-722 SEAR
DRAWING E-17045

Results of a recent Dry Firing Test have shown that this part can be made satisfactorily from powdered iron. However, due to the serrations designed on the cocking surface, the seal cannot be manufactured completely in the powdered iron dies.

In discussing this point with E. Walker, it was decided that the serrations could be included in the firing pin head design.

Please have this change incorporated in the Firing Pin Head, Drawing E-17023, as soon as possible so that immediate steps may be taken to obtain quotations on suitable equipment to manufacture the redesigned firing pin head.

AT.HIF

R. M. Smith
Engineering Section
Technical Department