

cc: J.H. Chisnall  
*Copy to EFB*

REMINGTON ARMS COMPANY, INC.

INTER-DEPARTMENTAL CORRESPONDENCE

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July 21, 1977

JUL 25 1977

OFFICE - E. F. SIENKIEWICZ

TO: E.G. LARSON

FROM: E.F. SIENKIEWICZ

SUBJECT: MODEL 700, .17 CALIBER RIFLES

We have a potential primer blanking problem in our .17 caliber rifles due to an improper radius being performed on the firing pin hole in the bolt face.

This primer blanking condition can break the trigger connector by allowing gas to escape rearward through the firing pin hole, causing the striker to move rearward and hitting the sear down onto the trigger connector. With the trigger connector broken, a rifle could fire upon closing the bolt.

After receiving two primer blanking complaints in May, I examined the production drawings on the .17 caliber bolt and found that the .010" firing pin hole radius was not included on the drawings. This matter was brought to the attention of John Linde, who took immediate action and this was added in a DCR (Design Change Request) drawing, along with a tool drawing to perform this operation.

I met with Jim Conover, Foreman of the Model 700 Assembly, and instructed their bolt assembler how to use the tool supplied to obtain the proper radius, as he was only bumping the firing pin hole, causing a ridge to form, which would increase the blanking problem. Also, Arms Service personnel were instructed how to use the tool and a bolt with the proper radius on the firing pin hole was shown.

All of the corrective measures have now been implemented and production has been made aware of this potentially dangerous condition. However, several thousand of these rifles are now in the field and all can experience a primer blanking problem.

Sincerely,

*E. F. Sienkiewicz*

EFS:tp

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JUL 22 1977

E. G. LARSON