

REMINGTON ARMS COMPANY, INC.

INTER-DEPARTMENTAL CORRESPONDENCE



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File

"CONFINE YOUR LETTER TO ONE SUBJECT ONLY" _____

November 19, 1981

ACTIVE COMMITTEE

A. R. Baszczuk
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W. R. Globig
G. J. Hill

P. G. Johnson
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CENTERFIRE GFM "HAMMER MARKS"

A meeting was held to review this problem.

A M/7400 barrel was processed normally except to skip 100 grit polish. "Hammer Marks" looked very similar to many of those seen in production.

Another M/7400 barrel was processed normally except to skip 100 grit and broken down 100 grit polish. This left 220 grit polish and Harper Buff. "Hammer Marks" were visible over whole surface of barrel in a uniform pattern.

Per K. L. Taylor, we have been getting approximately 10 M/700 to one M/7400 barrel with "Hammer Marks", particularly at the point that the GFM forging hammers blend into the breech.

FOLLOW-UP ACTION

1. Check conformity of GFM hammers to drawing and M/700 barrel breech shape. C. F. Ciecko
2. Fabricate and test a serrated contact wheel to significantly increase material removal of our current 100 grit "rough polish". This was the recommendation of our polishing belt suppliers. If successful, it will eliminate "Hammer Marks" without a cost increase. W. R. Globig

The next meeting will be held when there is further progress to review.

W. R. Globig

WRG:hf