XC: A. R. Baszczuk
T. L. Capeletti
C. F. Ciecko
W. W. Cook
G. E. Fletcher
W. R. Globig
J. A. Harter
P. G. Johnson
T. J. McCormack
R. L. Stafford
C. B. Workman
File

**REMINGTON ARMS COMPANY, INC.**

INTER-DEPARTMENTAL CORRESPONDENCE

Remington DUPONT PETERS DUPONT

"CONFINE YOUR LETTER TO ONE SUBJECT ONLY"

June 1, 1981

J. P. LINDE

CENTERFIRE GFM HAMMER MARKS

A second meeting was held by P E & C and Research to review this problem.

Follow Up Action

1. Harder backer wheels to be tried at centerless polish. A wheel of 80 Durometer being used at prosent. A 90 Durometer wheel to be tried. This will be tried on Barrels with known Hammer Marks.
   T. J. McCormack

2. Determine if residual stress patterns can be measured. "FAS - TRESS" measurement process to be investigated.
   T. L. Capeletti

3. Are "Hammer Marks" related to an etching effect from the Black Oxide color process.
   P. G. Johnson
   C. F. Ciecko
   T. L. Capeletti
   K. R. Thondukolam

4. Send sample of "Hammer Mark" Barrel to DuPont ETL - Wilmington for analysis, check chemistry and metal properties.
   P. G. Johnson
   T. L. Capeletti

Tim & Chet

— My slower feed rates ——— New Parts line

— Barrels for Repair

CENTERFIRE GFM HAMMER MARKS-Contd.

5. A trial lot of several Barrels were ground on breech end to see if this would remove "Hammer Marks" in comparison to belt polishing. This Barrel will also be sent to DuPont for analysis.
C. F. Ciecko
A. R. Baszczuk

6. A Chemical Engineer, Karen Lundquist, from ESD, will be contacted to see if she can give any assistance.
T. L. Capaletti

7. Additional meetings will be scheduled by writer.

by GJHill 6/4/81
G. J. Hill, Supervisor
Process Engineering
Current Products.

GJH/cac