

Xc. J.P. Linde

REMINGTON ARMS COMPANY, INC.

INTER-DEPARTMENTAL CORRESPONDENCE

Remington

PETERS

Stress Relief - to remove marks
- Main spring surface finish
to be S.R.

"CONFINE YOUR LETTER TO ONE SUBJECT ONLY"

- Harper Buff
- New upsetter / induction heater

October 16, 1980

Centerfire "Hammer Mark" MeetingPresent:

A.R. Baszczuk
 H.J. Baylor
 J.W. Bower
 W.W. Cook
 K.R. Couchman

G.E. Fletcher
 W.R. Globig
 J.A. Harter
G.J. Hill

A. Huffman
 P.G. Johnson
 C.S. Poore
 G.E. Schineller

A meeting was held on October 15, 1980, at 2:00 in the P.E. & C. Conference Room to discuss the problem of hammer marks on M/700, 7400 and 7600 barrels.

The following was established:

1. All barrels with hammer marks were produced on the new Upsetter.
2. ~~New Upsetter places barrels in Verson type tubs and they do not cool for 18-24 hours. Old upset barrels were placed in H-frame and cooled within 4 hours.~~
3. Hammer marks showed up after Harper Buff operations were introduced.
4. Only "No Finish Turn" barrels have hammer marks.

Questions to be answered:

1. ~~Do barrels for new Upsetter need different Heat Treat?~~ *No*
2. ~~Does prolonged heat in Verson type upsetter now heat treat affect the steel?~~
3. Is the Black Oxide process not coloring properly?

Feed rate test 8, 9, 11, 13 IPM - 55 Total BBL

Centerfire "Hammer Mark" Meeting

Kevin Couchman and Carla Poore will follow a load of barrels with hammer marks (already through color) through strip, re-polish, re-harper and color in Dept. 79. They will also have a micro-structure done of a barrel with hammer marks.

J.A. Harter, Supervisor
Centerfire Bbl. Mfg. Area

dcw