

MONTHLY PROGRESS REPORT - May

JWBrooks:T
5-24-78

MODEL 870 COMPETITION TRAP

Blowup tests have to be completed. If results are satisfactory drawings can be transmitted by the end of May. Work is proceeding on evaluation of Marketing's field test results.

MODEL 600 CARBINE STYLING

Marketing has nine rifles with various designs that are to be used for a focus panel.

MODEL 541 - 22 Hornet

A single shot model will be assembled and proofed May 25.

A parts list and set of drawings is being sent to Process Engineering for a high spot cost estimate. This is being done to investigate additional costs that may be required because of the design changes made to the present M/541 components.

MODEL 700 FIRE CONTROL

A new trigger has been completed. *model shop work on* The sear safety cam ~~cam~~ *Model Shop* ~~work~~ will be done by June 2.

BENCH REST BULLETS

Sixty two thousand 6mm 68 gr. bench rest bullets are being delivered to the warehouse this month.

ILION RESEARCH DIVISION
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MAY 1978

PROCESS RESEARCH

Centerfire Rivetless Extractors

No "short-run" stamping vendors were willing to quote on supplying us with a large test quantity of prototype extractors. Therefore, equipment for making them "in house" is being investigated.

Two (2) variations of extractors, with .026 and .020 spring arms, were tested up to 3000 rounds in M/700 - 30-06 Cal. rifles with no failures.

Dies for reforming current extractors into "magnum" and "small" caliber rivetless extractors are being manufactured. M/700 "magnum" and "small" caliber bolt heads will be machined to accept these. Testing should begin in mid-July.

Discussions are continuing with vendors who can supply the equipment for full "in house" production of rivetless extractors.

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BENCH REST BULLETS

Approximately 62,000 6mm 68 gr. bench rest bullets have been shipped to the warehouse.

A cost reduction program on the 6mm bullet job has been implemented. Direct labor, machine downtime and preliminary operations are the major elements relevant to high bullet costs. Proposals to reduce labor, downtime, and simplify preparation cycle are being evaluated.

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