

MONTHLY PROGRESS REPORT - September 1978

9-22-78
JWBrooks:TMODEL 870 COMPETITION TRAP

The latest stock, fore end and barrel assembly drawings will be furnished to Process Engineering this month.

Target grade triggers are in test in the Test Lab. Live firing tests have started.

<u>Shotgun</u>	<u>Trigger Pull at Start</u>	<u>Rounds</u>	<u>Present Trigger Pull</u>
870	1.08#	1000	1.9#
1100	2.92#	210	2.87#
1100	4.08#	-	-

On the first two guns a fail-to connect was encountered and a double click safety. It was found that the trigger was not returning to the rear and was caused by over adjustment of the new pounds pull adjustment screw. Methods or preventing over adjustment are being investigated.

MODEL 700 - 600 FIRE CONTROL

Redesigned Fire controls that have adjustment for pounds pull, ~~within safe limits~~ without having to remove the action from the stock, fixed trigger and sear engagement and fixed trigger overtravel are in the Test Lab.

Two different designs of the bolt lock that allow the rifle to be unloaded with the safety "ON SAFE" will be ready in October for testing and market evaluation.

MODELS 788, 580s, 541S and 540XR

A new design of the fire control for these models has been completed. It has a uniform "ON" and "OFF" safety force, improved tolerances, and a stronger attachment to the receiver. Models are in the Test Lab.

MODEL 788 - 22 Hornet

Work is progressing on the design of a magazine for this model and caliber.

MECHANICAL TRAP

to avoid

The Marketing Department has requested return of the test lever cocked, solenoid release traps this month, along with test result questionnaires. Evaluation will begin as results are received.

Production has gone out for quotes on the hand cocked model for January introduction.

Marketing has requested the return of the lever cocked, solenoid release traps that are in field test. Questionnaires requesting information on the operation of these traps will be returned at this time and will be evaluated as they are received.

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RBHurley:TPROCESS RESEARCHCenter Fire Rivetless Extractors

Purchasing expects a proposal from our current vendor before the end of September, about a month overdue. *Design not in final form - the*

ASEA Manipulator

Three quotes on polishing equipment have been received, 30M, 45M and approx. 50M. None are fully satisfactory as yet and will have to be refined. Deliveries of 5 months were quoted. ASEA has had prints of suggested gripper designs since September 1, but has not responded.

Barrel Drill Line

The vendor was visited September 5 & 6. Designs are nearly complete and finalized prints should be in Illon by October 1 for approval.

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RLSassone:T

BENCH REST BULLETS

Approximately 57,000 6mm bench rest bullets have been shipped to the warehouse.

Labor and material standards are currently being re-evaluated by Industrial Engineering to update increased cost of material and direct labor. ~~New standards will provide a more accurate cost of the bullet job.~~