

cc: W.E. Leek

REMINGTON ARMS COMPANY, INC.

INTER-DEPARTMENTAL CORRESPONDENCE

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Ilion, New York
September 14, 1972

TO: S.M. ALVIS
FROM: C.B. WORKMAN *CHU*
SUBJECT: SERVICE APPLICATIONS SECTION
STAFF MEETING
9/11/72

<u>PRESENT:</u>	J.J. BECHARD	<u>ABSENT:</u>	W.R. GOOGIN
	W.M. CURRY		
	D.S. HARDY		
	A.A. HUGICK		
	R.J. SANZO		
	R.L. SASSONE		
	C.B. WORKMAN		

DISCUSSION:

N/C Checkering Machine

Production run of "AA" stock is underway at the Engineering Test Center, Wilmington. A total of approximately 150 stocks (Monte Carlo Former) have been gaged okay for checkering and sent to Wilmington. Approximately 300 more stocks are in the process of being finished.

The 3200 Shotgun fore-end is proved out and ready for final editing. Sample sanded fore-ends are to be sent to Wilmington to allow final editing.

The 3200 Shotgun is expected to be ready for limited production runs in Mid-October.

M/541-S Stock checkering program is proceeding as scheduled. The program is expected to be completed ready for Plant prove out in Mid-October.

DISCUSSION (Continued):

The 3200 Shotgun

- (1) Design test reports are being worked on.
- (2) The 3200 Shotgun (P000003 "B") is still in dry cycle test -- broke another set of ejectors.
- (3) Design request additional P.O.I. shooting with Production barrels and Production receivers. (Approximate patterns to date -- 500)

Model 742-X

Per K.W. Soucy's request, a trunnion system is in pendulum muzzle drop dry cycle test.

Model 591 - 5mm

No change.

Polyurethane Shotgun Stock

Summary report issued.

N66G Plant Assistance

No change.

Model 1100 -410 Ga. E.S.S. Test

Field function fired 50 R-W-F on 10 - 3" guns and 6 - 2 1/2" guns. E.S.S. reduced, but not eliminated. Report being prepared.

Bonded Rib Test

Received eight bond rib shotgun barrels for preliminary testing. (Four 12 Gauge ribs became loose during proof)

DISCUSSION (Continued):

C.B.C. Pellet Gun

Received one C.B.C. M/145 Pellet Gun for evaluation.

Model 700-30/06 Left Hand Pilot Lot Test

Accuracy test, field function test and design specifications measurements completed and results are satisfactory. Further testing planned is cock and dry fire testing on dry cycle machine. (Per M.H. Walker)

C.A.D.

Work on a new fire control device which will allow firing of any semi-automatic at any interval without effecting recoil is in progress. Presently three (3) systems are under investigation. (No change)

Meeting with F.I.A. Representative was held. HALON only systems are not allowed, but several alternate proposals were suggested. Prices for alternate systems will be investigated.

Checkering Program will be complete by 9/22/72.

Engraving Program will be complete by 11/20/72.

G.E.'s quote for hexadecimal tape punch is \$1500 with delivery of 18 weeks. Order has been issued.

New programs for new system test are in the process of being compiled. All ADAPT Program Tests have been sent to G.E. -- including latest up-dates. (No change)

The following post processors have been tested over our terminal:
(1) Edlund, (2) Brown & Sharpe, (3) Compudyne, (4) Eb and
(5) AVS Lathe.

DISCUSSION (Continued):

C.A.D. (Continued)

Scheduled delivery date for the new system is as follows:

Biomation Oct. 6

Core, new monitor and line printer has been installed. G.E. claims to be making every effort to have the system in before the above dates.

Additions to draw package underway (LINLIN, LNLNRD and several others). Installation will be on an "as written" basis. (No change)

Doing preliminary work on STAR for 4020 Computer System. Hi-Speed Range is being expanded to include velocity-time and travel-time curves.

Miscellaneous

Works Engineering may need help with determining difficulty in Thompson Grinder set-up used in The 3200 Barrel Assembly breech facing (vibration).

N/C and Model Shops

Reports attached.

CBW/RLS:sp
Ilion Research Division
Attach.