

REMINGTON ARMS COMPANY, INC.

INTER-DEPARTMENTAL CORRESPONDENCE

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"CONFINE YOUR LETTER TO ONE SUBJECT ONLY" \_\_\_\_\_

Ilion, New York  
October 13, 1972

**LIMITED DISTRIBUTION**  
TO: S.M. ALVIS

FROM: C.B. WORKMAN

SUBJECT: SERVICE APPLICATION SECTION  
STAFF MEETING  
10/9/72

PRESENT: J.J. BECHARD  
W.M. CURRY  
D.S. HARDY  
A.A. HUGICK  
R.L. SASSONE  
C.B. WORKMAN  
W.R. GOOGIN  
W. RANKINS

ABSENT: R.J. SANZO  
(VACATION)

DISCUSSION:

N/C Engraving

Project TI-116 is in process of being closed out. Final financial closing notice is expected to be issued mid-October.

Presently we are awaiting approval of 1 of 1000-3200 Trap Gun engraving pattern(s).

N/C Checkering

Two machine controllers, under The 3200 Shotgun Project, have been installed and is being set-up for production running of M/870. Controller problem has delayed production running. Expect to be running full production week of 10/20.

M/870 "All American" stocks are expected to be in production at Ilion next week. Fixturing and Program Tape have been delivered.

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DISCUSSION (Continued):

N/C Checkering (Continued):

Prove-out of The 3200 Shotgun over/under fore-end is complete and ready for limited production. Program tape has been delivered to Ilion and start up is expected to begin next week.

Work is continuing on prove-out of The 3200 Shotgun stock pattern.

M/541-S stock pattern prove-out is continuing and expected to be ready by November 1st.

The 3200 Shotgun

- (1) Design Test Reports - No Change.
- (2) P000003V is in dry cycle test with approximately 40,000 dry cycles.
- (3) No activity with P.O.I. test for plant.
- (4) Evaluating fore end latch cover plate design change.

Model 742-X

Pendulum muzzle drop dry cycle testing is complete at 6600 drop cycles. Design will issue a summary test report.

C.B.C. Pellet Gun Evaluation

Test data is in the process of being reviewed.

M/1100 20 Ga. LW

Per request of R.E. Carr, receiver strain measurements have been made at the crack location. Strain measurements were made on a M/1100 receiver with light and heavy loads, competitive and R-P Ammo. The Winchester unit body construction was part of competitive Ammo. Data is being reviewed.

M/700 LH PLT #1

PLT #1 was rejected and guns were returned to production. Test area will issue report. Follow-up cock and fire dry cycle tests are in progress for purposes correcting trigger pull difficulties.

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DISCUSSION (Continued):

Jap. Ammo and Jap. Gun

Test organized; no activity

Steel Shot

No activity

Polyethelene Duck Plug Evaluation

12-16-20 test 90% complete

Ducks Unlimited Gun Testing

4XM1100 guns with All American medallion submitted to test -  
All resulted in medallion separation.  
M870 AA at 5700 rounds of R-P 4-1 1/2 appeared ok,

C.A.D.

Meeting with F.I.A. representative was held. HALON only systems are not allowed, but several alternate proposals were suggested. Prices for alternate systems are being investigated. (No Change).

Checkering Program will be complete 11/6/72. (Waiting for finalized version from Bob Turner).

Engraving Program will be complete 11/20/72.

G.E.'s quote for hexadecimal tape punch is \$1500 with delivery of 18 weeks. Order has been issued. Delivery date is Mid-November. (On Schedule)

All of our programs are being converted to new systems as time and priority allow.

Scheduled delivery date for the new system is as follows:  
Biomation                      Late November

Adapt and all post-processors have been installed. Tapver and one (1) post processor will be installed by December 1st.

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.

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C.A.D. (Continued)

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.

N/C MAINTENANCE

Stock Measurement

Investigation complete. All information filed with photographs and electrical diagrams. (No change)

Electric Fire Control

All components acquired and assembly is in process-completion date two (2) weeks from 10/2/72. (No Schedule)

N/C and Model Shops

Reports attached.

MISCELLANEOUS:

Assembly Torque of Short Stocks

Per request of Jim Bowers assembly torque requirements are being established. Five foot-pounds is recommended and being checked thru gallery test.

Photography

Wiring of N/C Engraving Machine is being photographed for Maclaw Tool works request.

S.A.A.M.I.

A center fire pressure-velocity test is scheduled for 10-27-72. Total rounds expected is 360.

*Lawrence*