

REMINGTON ARMS COMPANY, INC.

INTER-DEPARTMENTAL CORRESPONDENCE



cc: S.M. Alvis
W.E. Leek
C.B. Workman
C.W. Stephan

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Ilion, New York
December 10, 1970

SUBJECT: STAFF MEETING (J.S. MARTIN)

DATE: DECEMBER 8, 1970

PRESENT:

J.S. MARTIN	C.L. ENNIS
J.C. HUTTON	L.J. HAGEN (Vacation)
T.G. BAUMAN	L.L. JOHNSON
T.J. PLUNKETT	M.F. CARTER
R.C. ECKER	

DISCUSSION:

1. M/732 New Rifle Concept

- A. Wooden model for the pump version is now 80% complete.
- B. L.L. Johnson stated that the completion date for this model would be approximately 12/15/70.
- C. P.E.R.T. program is now complete and shows completion of first model gun and drawing by 7/1/71.
- D. J.C. Hutton and T.G. Bauman are continuing evaluation of weights and the design of the frame. We have also at this time reduced the width of the frame from 1.450 to 1.350.
- E. A meeting was held with personnel from H & P Die Stamping Company on 12/3/70 to go over the process of manufacturing the frame design and other components we plan to fabricate from stamping.

The following parts were discussed:

- 1. Frame (3 Sections)
- 2. Action Bars
- 3. Slide Tube
- 4. Gas System Cam Tube
- 5. Fire Control Encloser

DISCUSSION (Continued):

1. M/732 New Rifle Concept (Continued)
 - F. Model S/732 parts are now 85% complete. The receiver for this gun is the component which is delaying completion.
2. M/1132 New Shotgun Design
 - A. Discussion was held as to how it will look and differ from the M/732, but still be in the so-called "family line" of guns.
 - B. We will be requesting that J.F. Finnegan make some new rendering of this design for a "second look" before the wooden model can be produced.
3. M/870 - 20 Ga. Lightweight 2 3/4 3" (R.C. Ecker)
 - A. New parts are now in the Model Shop to up-date gun.
 - B. Completion date for parts is approximately 12/15/70.
4. M/541 Custom Sporter
 - A. Some changes still have to be made after a report from Sales.
 - B. Stock drawing has to be completed.
5. M/870 All American Trap
 - A. Drawings are complete and turned over to T.G. Bauman for checking.
6. M/1100 Slide Block (T.J. Plunkett)
 - A. All parts returned from the Model Shop.
 - B. Completion of assemblies to be approximately 12/15/70 for the two (2) new designs.

DISCUSSION (Continued):

7. S.A.A.M.I. Chamber (R.C. Ecker)

- A. 28 and 410 Gauge are now being transmitted to Plant.
- B. This will complete all chambers to S.A.A.M.I. specifications.

8. M/1100 and M/870 Current Items for Follow-Up

- A. Per W.E. Leek's request, I have asked T.G. Bauman to obtain from Production ten (10) M/1100 barrel assemblies and fifteen (15) locking blocks for measurement.
- B. R.C. Ecker will check on our new trigger assembly and place this in a trigger plate casting which will have the new designed hammer pin and tru-arc holding device. This will be tested at the same time the new fore-end design is tested in the Lab.
- C. We now have a new material for the piston seal (Vespal) being tested.
- D. M/1100 - 20 Ga. Lightweight Piston
 - a. Plant has now ordered a lot of 500 pistons -- changing the outside diameter from $1.098 \pm .001$ to $1.101 \pm .002$. If this proves to be satisfactory for function, a model drawing change will be needed.
- E. M/788 Bolt Handle
 - a. R.C. Ecker will turn over to W.E. Leek a bolt handle with the new designed enlarged hole in the end.
- F. M/870 - 20 Ga. Left Hand 2 3/4" Pilot Line Guns
 - a. Action for lock change needed to model drawing. We are waiting for an evaluation on this.

DISCUSSION (Continued):

9. Meeting between Bridgeport Research and Ilion Research was held in Kingston, New York.

- a. J.C. Hutton discussed what took place with our group.

10. Safety Discussion

J.S. Martin:sp
Ilion Research Division