

REMINGTON ARMS COMPANY, INC.

INTER-DEPARTMENTAL CORRESPONDENCE



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"CONFINE YOUR LETTER TO ONE SUBJECT ONLY" _____

Illon, New York
September 21, 1982

TO: C. B. WORKMAN
FROM: T. L. CAPELETTI *TC*
SUBJECT: ITEMS FOR REMINGTON STAFF MEETING

Model 700 ADL Restyle

The Model 700 ADL Restyle program is on schedule for introduction in November. Questionable areas currently center on fine tuning of the cut checkering machine for production stocks and feeding of the short action .222 Rem. caliber. Three (3) long action 30-06 caliber rifles are being prepared for display at the Writer's Seminar in November.

Experimental short action .222 Rem. no-bind stamped followers and new magazine springs have been ordered. Testing is scheduled to begin the first of November. If successful, this design will also be incorporated into the Model Seven Lightweight.

Prototype ADL long action no-bind stamped followers were tested using the current production magazine spring. Feeding from the magazine was satisfactory and only one gun showed a slight shifting of the magazine spring.

The parts list and all model drawings, except for the stock, checkering, and .222 Rem. short action magazine follower drawings, have been transmitted.

Model Seven Lightweight

Forty (40) Model Seven Lightweight rifles in 7mm-08 caliber are being assembled for the Writer's Seminar in November. Eighteen (18) have been

completed. The remaining twenty-two (22) rifles are being cut checkered and tested for accuracy. These rifles will be shipped from Ilion on October 1st along with 4,000 rounds of ammunition.

Production is running a Trial and Pilot of the Model Seven Lightweight in .308 caliber. Expected completion date is October.

Model 1100 Special - Field Shotgun

A prototype of the Model 1100 Special - Field shotgun for 1983 has been reviewed and approved by Marketing. Specifications for the 12 Ga. field gun include a 21 inch, vent rib barrel chambered for 2-3/4 inch shells in full, modified, or improved cylinder choke. Magazine tube (and fore-end) length reduced by 2 inches with a corresponding reduction to 3 shell capacity. The English style stock and slimmed down fore-end will be cut checkered (18 lines per inch) with a medium gloss finish. Preliminary design drawings have been provided to Production for cost estimation. Product Acceptance and Design Transmittal are planned for October.

XSG/XPG Shotguns

All six (6) prototypes illustrating various design and styling options have been completed for Research evaluation. Design revisions have reduced the estimated minimum capital investment for the XSG Autoloader to \$3.5MM. That estimate includes approximately \$1MM each for a new receiver design, a new locking system, and addition of cut checkering, plus \$500M for miscellaneous items. In summary, this design can provide a 6½ lb. autoloader with aluminum receiver, M/1100 locking system, and threaded magazine tube attachment for a capital investment of approximately \$1.5MM. A preliminary factory cost estimate for the XSG is being developed. Design completion is scheduled for December 1982.

Injection Molding of Metal and Ceramic Components

Nickel-iron alloys are available and will be used in the fabrication of prototype firearms parts. Alloy development priority is being given to stainless steel, which is generating the most enthusiasm among potential external customers.

The Wittec equipment is operating. Parmatech equipment should be available in October.

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Cut Checkering Machine Development

Equipment has been identified which satisfies the goals of the program (machine cost less than \$50M per spindle; operating costs equal to or better than present N/C machines; quality as good as or better than competitive checkering). A project for purchase of a prototype machine will be circulating in the 4Q82. Early project approval will provide equipment for checkering development, and production capability for the M/1100 Special.

TLC:ws