

REMINGTON ARMS COMPANY, INC.

INTER-DEPARTMENTAL CORRESPONDENCE



"CONFINE YOUR LETTER TO ONE SUBJECT ONLY" _____

Ilion, New York
May 22, 1975

TO: W. E. LEEK
FROM: J. P. LINDE
SUBJECT: RESEARCH PRESENTATION OUTLINE

I. 3200 Design Improvements and Cost Reduction.

- A. There will be a continuing design effort over the next year to lower the costs and improve the reliability of the 3200.
- B. Functional items which have been completed or are being worked on include:
 - 1. Wide ejector cam plates to increase the endurance life of the cam plates and reduce wear.
 - 2. Design changes to allow the gun to open farther to eliminate the ejecting shell from hitting the top lock.
 - 3. Improved trigger pull with ground sear and hammer notches. A test device is being developed to measure the creep and poundpull on all triggers. This gage will be used to maintain our gun standards plus compare ours to competition.
- C. Cost improvements
 - 1. The design of the ejector is being reevaluated. A two piece assembly which would be electron beam welded together, at a vendor, to eliminate a number of milling operations is being looked into.
 - 2. The high cost items will be reevaluated from a design standpoint.

II. 3200 Competition Skeet and Trap Gun.

- A. The competition grade will be announced in Jan. 1976 to replace the special trap gun now being produced. This gun will allow the restructuring of the 3200 prices to increase revenues. This will give the skeet shooter the opportunity to buy a gun with select wood.

CHART

3200 Competition Features

"B" Grade Wood
Low Gloss, Oil Type Finish
Gold gilded frame markings
New distinctive checkering patterns
Checkered stock side pannels
Contoured pistol grip.
Engraved trigger bow and fore-end latch plate
Presentation style recoil pad
Improved ejector finish.

III.

3200 Single Barrel Trap Gun

The design objective of this gun was to develop a trap gun superior to any in the market place with features to help break trap birds which no one else has. The design effort is continuing, models will be made and tested both by Research and Marketing. Cost estimates will be developed and by the first quarter of 1976 we should have the complete story and can plan the future steps of the program.

CHART

Single Barrel Trap Gun.

One gun superior to any at all trap shooting events;
Singles, Handicap, and Doubles.
Straight line recoil
Recoil reducer
Adjustable choke
Special doubles barrel assembly

IV. All Gage Skeet Barrel Sets

With this set the customer can shoot all skeet events with the same gun, instead of having to adopt to a new gun for each event. This new design means that a 12 gage gun would be fitted with 3 new barrel assemblies.

IV. Continued

CHART

All Gauge Skeet Barrel Sets

12-20-28-410

Common balance and weight for all gages.

Common point of impact

Common fore-end without the use of spacers

Improved skeet chokes.

V. 3200 Lightweight in 12 & 20 Gage with Slug Barrel.

The 3200 was designed for the skeet and trap markets. This gun is a variation of the standard which has been lightened up to provide a better gun for the field. The 20 gage was developed to weigh under 7# for the man who wants the smaller gage or a combination 12 and 20. It was realized that we could never bring out a 20 gage in a smaller frame so every effort was made to get a light 20 gage on the 12 gage frame. The slug barrel could be an addition to the field gun. An over and under will shoot slugs very accurate. This gun is being developed as a possible addition to the line with no firm announcement date.

VI. Model 870 Super Trap.

This model would be positioned price wise between the 870 trap and 3200 trap gun. It would feature a recoil reduction system, and an adjustable rib for an adjustable point of impact.

CHART

Model 870 Super Trap

Recoil Reduction

Adjustable point of impact

Two shoot

Manually operated

VII. Model 700 Program

To maintain our position in the bolt action market, we are continuing work on the 700 & 600 family. In 1976 we will announce the model 700 BDL Varmint in the 308 caliber. This gun will be especially suited for police work, sporter class bench rest, and metallic silhouette shooting. For the future we are looking at reworking the gun safety for more positive operation. Investigating the possibility of going to a box magazine. A study of the basic gun is also being started to look into the basic forces on the gun to see if we can obtain a gun with increased accuracy and better features.

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VIII. Model 600 Mini Carbine

This gun was developed to be a true carbine in popular calibers readily suitable to the guide, back packer, timber hunting and general deer hunting. The gun can be carried easily on a horse, in a pickup or by hand

CHART

Short with light weight
Special straight pull stock
could be offered in two grades.

JPLinde:bd
Illion Research Division