

SHOTGUNS - contd.MODEL 1100 AUTOLOADING SHOTGUN - IMPROVEMENTS - contd.

- . Small gas orifice - 3" magnum - in effect with some problems on "Doesn't blow back" (anticipated to be corrected with new pistons below.)
- . New Piston - 12, 16 and 20 gauge Pistons just received.
- . Relocate Barrel marking - design completed and hand engraved sample reviewed. Process estimate completed showing tooling expenditure of \$20,000. Product cost estimate is to be made and plant order prepared for tooling.
- . New Fore-end Tube - expect to be in production in September. Revised costs estimates are to be made.

The R & D schedule presented is Exhibit 2. Samples of the new trap Barrel were shown. Point of impact is 7" above point of aim. Five Barrels have been assembled. Drop is changed but not the Stock.

Marketing is enthusiastic about the new trap Barrel. Guns are needed for showing at the Grand American.

R & D was requested to devise a test to measure the extent of improvement the changes produce. A quantity of current Model 1100 guns are to be held for testing along with the improved guns to provide statistical before and after results. An estimate of cost of this test was requested. The Browning 2000 and Winchester Super X might be evaluated in the same test.

Samples of the new Browning 2000 and Winchester Super X autoloading shotguns were shown. These guns appeared to be well received at the National Sporting Goods Association Show. R & D has just started testing these guns. Results will be reported.

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