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**DON'T SAY IT—WRITE IT** *Chern*

TO E. F. BARRETT

DATE May 19, 1976

FROM J.S. MARTIN/J.P. LINDE

NOTES FOR MANAGEMENT STAFF MEETING

MODEL 1100 - II - Immediate Product Improvements

1. Research has put a hold on the plated piston and piston seal. Research and Process Engineering are working together to resolve better control of the plating process.
2. Model guns for the cut checkering program have been completed. The corresponding drawings are complete except for the M/870 Skeet assembly. Drawing will have to be updated for the Trap guns.

Model 1100-A Program

The action bar disconnect system to the power sleeve is being worked on and can be tested in our standard M/1100. Basic layouts and process records are being reviewed for the receiver insert. Layouts for the revised locking system have started.

M/742-760 NEW GENERATION

Fabrication of twenty test models is 75% complete. Four M/742 test rifles in 30-06 Caliber are scheduled for completion in early July. The remaining sixteen M/742 and M/760 models are scheduled for completion in August.

NEW PROCESS GUN CONCEPT

Some temporary tooling for this concept has been completed, including the Stock Frame and Receiver. Parts from this tooling should be here by mid-June. Molds for the Stock and Fore End should be started by June 1, with parts expected by the end of June. Subsequent tooling is proceeding as per schedule.

MODEL 3200

Six guns will be fabricated in June with all the latest cost reduction items, for Marketing inspection.

MODEL 580

A design improvement which detents the front of the bolt for easier assembly for the shooter and spring loads the firing pin back to prevent misfires is in test.

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time  
in test

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To: E.F. Barrett  
From: J.S. Martin/J.P. Linde  
Notes for Management Staff Meeting

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#### MECHANICAL TRAP

The design is progressing and models for demonstration and testing should be fabricated by late summer.

#### MARKETING FIELD TEST

The six 3200s shot all week without one malfunction. The test was inconclusive on setting any new direction; our present production guns did very well. A suggestion was made, as long as we make two trap stocks (standard and Monte Carlo), why not make the Monte Carlo a little straighter. We are presently considering this proposal.

#### MODEL 788 FIRING PIN HEAD

Production is running out of the special powder needed for the 788 firing pin head. A new design is being tested which would make the head from formed bar stock and the firing pin from a screw machine blank.

#### BULLET SHOP

Work force on bullet job reduced to 2 people. Two people transferred to the Plant as of 5-17-76. Production continuing at a reduced rate.

JSM:JPL:T