September 20, 1974

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Ilion Research Division

TO:

W. E. LEEK

FROM:

M. H. WALKER

MONTHLY PROGRESS REPORT CUSTOM FIREARMS SEPTEMBER, 1974

MECHANICAL TRAP

Assembly of the prototype was completed and some testing has been done.

Minor charges to the interlock system are being made. Additional testing will begin next week, September 23. No problems with target flight are apparent.

SKEET TRAP

Initial testing of the prototype indicates that our problems with target flight accuracy from the high house has been alleviated by the addition of a small target positioning spring. The first 2500 targets thrown were better targets from all standpoints than those from the 2008 or the Hansen. Comparisons with the Winchester-Western skeet trap are planned beginning September 23.

BULLETS

Costs for the month of August were at 58% of net selling. Costs for the year to date are at 90% of net selling. Production will hit the forecast of 260,000 this month if the present rate continues.

W. E. Leek Monthly Progress Report - Custom Fixearms

Page 2 September 20, 1974

MODEL 788

Additional braze area for the bolt handle has been obtained by reducing the thread size on the bolt plug. Additional strength has also been obtained by eliminating the bolt lock down slot. Testing and economic evaluation will probably be completed by the October Operations Committee Meeting.

MODEL 700

A prototype of the three-position safety and the enclosed firing pin head is available for review.

CUSTOM SHOP

Total Sales through August \$262M Factory Margin through August \$36M Backlog as of September 1, 1974 \$226M

BULLET SHOP

Total Sales through August	\$77M
Factory Margin through August	\$ 7M
Backlog as of Sept. 1, 1974	\$17M