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REMINGTON ARMS COMPANY, INC.

INTER-DEPARTMENTAL CORRESPONDENCE



"CONFINE YOUR LETTER TO ONE SUBJECT ONLY" _____

Ilion, New York
November 25, 1974

TO: W. E. LEEK
FROM: A. A. HUGICK
DATE: November 25, 1974
SUBJECT: XP-100 DROP TEST - REPORT #2
Work Order: G 0459 - Plant Assistance

INTRODUCTION:

Per request of the custom shop one XP-100 pistol was subjected to the same drop test conducted in the XP-100 drop test letter dated August 15, 1974. The XP-100 pistol was a current production pistol with exception of the experimental design bolt plug. The experimental bolt plug is 0.350 inches longer thus extending beyond the cocked firing pin head.

TEST OBJECTIVE:

Subject the XP-100 pistol to the drop test per S.A.A.M.I. letter dated August 7, 1974.

TEST OBSERVATIONS:

1. The XP-100 SN7506169 firing pin assembly fell when subjected to the impact of the 3 lbs. - 12 oz. drop weight impacting the bolt plug. The firing pin fell on drop number two (2) and drop number three (3) of this three drop test.
2. A copper crusher located in the chamber during this drop testing had sufficient indent to discharge a chambered round.
3. During drop testing the safe moved from safe-on position to safe-off position.
4. The gun damage was localized to the butt end of the experimental bolt plug as minor deformation.

AAH:B
Measurement Test Lab