

REMINGTON ARMS COMPANY, INC.

INTER-DEPARTMENTAL CORRESPONDENCE



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File

Chm. file

"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 #3
Work Order: G 0459 - Plant Assistance

INTRODUCTION:

The Custom Shop delivered to the Measurement Test Lab one (1) experimental XP-100 with a complete shroud bolt plug design pistol for drop test evaluation. Drop test procedure was the same as used in report numbers one (1) & two (2).

TEST OBJECTIVE:

Subject the XP-100 pistol with complete shroud bolt plug design to the drop test per S.A.A.M.I. letter dated August 7, 1974.

TEST OBSERVATIONS:

1. The XP100 SN 5412 firing pin assembly fell when subjected to the impact of the 3 lbs - 12 oz. drop weight impacting on the bolt plug.
2. A copper crusher located in the chamber during this drop test had sufficient indent to discharge a chambered round.
3. During drop testing the safe moved from safe-on position to safe-off position.
4. Restricting the safe movement to the safe-on position resulted in drop testing without firing pin fall.
5. No visible damage of the pistol was noted in this test.
6. The striker assembly tip was cleared to insure its length to be less than the bolt plug.

AAH:B
Measurement Test Lab