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the
REMINGTON ARMS COMPANY, INC.

INTER-DEPARTMENTAL CORRESPONDENCE

File
Remington

OUPOINT

PETERS

OUPOINT

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Ilion, New York
February 5, 1963

MAR 4 1963

G. M. CALHOUN

W. E. LEEK
Chief Designer - Firearms

XP-100 DROP TEST

The purpose of this test was to compare jar-off probability of the XP-100 compared with several current production models. All guns used in the test were standard production guns with no alterations.

All models tested were dropped several times from known heights onto a flat sheet of 3/4" fir plywood supported by a rigid base. All guns were dropped both on the muzzle and stock or breech end.

Guns were recocked after each drop to insure full sear engagement.

Test data is shown in the following table.

DROP TEST

Jar-Off - 3/4" Plywood Drop Area

Model	Trigger Pull	Muzzle Drop		Breech Drop	
		Drop Ht. (In.)	Jar-Off	Drop Ht. (In.)	Jar-Off
XP-100	1 3/4#	30	No	30	No
XP-100	2 1/4#	30	No	30	No
N-11	6#	26	No	26	No
		30	No	30	Yes
700	4#	30	No	30	No
40-X	3#	30	No	30	50% of drops
Hvy. Bbl.					jarred off

H. L. Chambers
H. L. Chambers
Research Engineer - Firearms

HLC:B