

*File*

**REMINGTON ARMS COMPANY, INC.**

INTER-DEPARTMENTAL CORRESPONDENCE

**Remington**  


**PETERS**  


*Wayne reported this in showed to Pete Morgan on lost trip. I feel that we are right in design wise. Some*

"CONFINE YOUR LETTER TO ONE SUBJECT ONLY"

**RECEIVED**

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 jarred off
Hvy. Bbl.					

*H. L. Chambers*

H. L. Chambers

Research Engineer - Firearms

HLC:B