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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

| <u>Model</u> | <u>Trigger Pull</u> | <u>Muzzle Drop</u> | | <u>Breech Drop</u> | |
|--------------|---------------------|-----------------------|----------------|-----------------------|----------------|
| | | <u>Drop Ht. (In.)</u> | <u>Jar-Off</u> | <u>Drop Ht. (In.)</u> | <u>Jar-Off</u> |
| 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 |

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