

DROP TEST

Three of the M/700 design change fire controls (2 with 10,000 dry cycles and 500 live rounds, one as received from design) and one current production M/700 fire control were assembled in M/700 30.06 cal. actions and a drop test was conducted.

Each of the rifles were dropped from 4 feet onto a solid neoprene rubber mat, and from 2 feet onto a solid maple plank.

- At each distance the rifles were dropped in four different positions:
 - a) muzzle first
 - b) butt first
 - c) top first
 - d) bottom first
- The actions were closed on a copper crumler placed in a holder in the chamber.
- The safety was in the "on" position in the 4 foot drops, and in the "off" position in the two foot drops.

TEST RESULTS

- The position of the safety was not affected by the drops.
- The rifle did not fire during the test.
- The copper crumler was not indented during the test.
- There was no difference noticed in the results of this test between the new design and the current design fire controls.

Firearms Research Division
AL/FS:m
Attachments