

PRODUCT SAFETY SUBCOMMITTEE MEETING

AUGUST 27, 1980

PRESENT:

Subcommittee

J. P. Glas, Acting Chairman
E. Hooton, Jr.
E. G. Larson
R. A. Partnoy, Acting Secretary
J. G. Williams

Others

R. Dietz
E. J. Garrity
F. T. Millener
W. D. Nickel
J. E. Preiser

7mm EXPRESS REMINGTON

Ammunition Research (W. D. Nickel) reported on tests of high pressure 7mm Express Remington rounds fired in a Remington Model 742 rifle, which represents the minimum chamber strength condition for a rifle of this caliber. (See Exhibit A)

Previous examinations and tests indicated that 7mm Express Remington ammunition with loading codes M02I, M03I, M06I, M07I, M08I, M09I, and M13I contained mixed powders and thin webs which could, and evidently did, cause Remington Model 700 rifles to lockup, though the excess pressures were not enough to damage the guns and there was no safety hazard. These latest tests in a Model 742 rifle indicated that the excess pressures produced by this ammunition could damage guns of this model. However, as in the case of tests of the Model 700, it was demonstrated that pressures at the maximum level generated by this ammunition, while excessive, are still sufficiently moderate