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Remington Arms Company Inc.
RESEARCH & DEVELOPMENT TECHNICAL CENTER
315 WEST RING ROAD
ELIZABETHTOWN, KY 42701

- Another gun, B-9, was tested as per the same procedure. This time the bolt plug cracked and separated slightly from the bolt assembly but it did not detach from the rifle. The grip cap, magazine box bottom, spring and follower also exited the rifle.
- Another gun, B-7, was tested per the above procedure. This time the bolt plug failed as it did in B-20 and was propelled rearward from the rifle. The ISS system components stayed intact with the bolt plug. The box bottom, spring and follower also exited the rifle and the operating handle was separated from the bolt body. The bolt plug penetrated three sheets of paper and hit and bounced off a fourth sheet at which point it fell almost straight downward. A high-speed movie was captured showing failure of the bolt plug and impact and penetration with the first sheet of paper only. The first sheet of paper was placed approximately 20 inches behind the rear surface of the receiver. The second sheet of paper was 39 inches from this reference point, the third 42-1/2 inches and the fourth 57-1/2 inches. The paper used was cut from a roll of 36 inch wide by 50-yd. long 20-lb. Hi-Bright computer plotter paper. The paper was taped to wooden frames as depicted in the following picture that shows the room set-up.

Jan. '01 Trial & Pilot Test Remington M710 Centerfire Rifle;
R & D Technical Center Project No. 241039; TLW 0300
File: F:\Test Reports\Firearms Tests\710 T&P_3006\M710_T&P_REPORT_JAN01_Rev0.doc

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Subject to Protective Order - Williams v. Remington

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