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The second sample was checked for engagement, fixtured and run. This time a primed case was loaded into the chamber to determine if the primer would fire if an over-ride occurred. The result was similar except the load profile differed slightly at the high end of the scale. The system appeared to get stiffer just before the over-ride. The peak value on run #2 was almost 100 lbs. higher than run #1. The primer was not contacted during this test.

Test run number three was with the Model 700 control. It was set-up the same way except this time the action was not bedded in a stock. The Model 710's stock actually supports the rear of the synthetic insert and as a result needed to be tested with the stock in place. It was felt that the Model 700 stock would not influence the test results and therefore was tested as shown in Fig. 4 below.

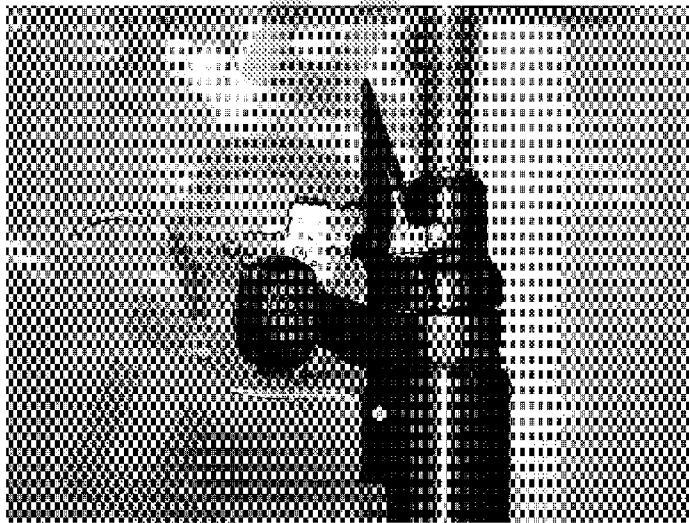


Fig. 4 – Model 700 Set-up

Test results were similar in that an over-ride of the sear safety cam occurred. The maximum force reached just before over-ride was 394 lbs. The slope of the force/time curve was steeper than the M/710 from the very beginning, however the end result was the same.

Remington Model 710, .30-06 Caliber Bolt Action Rifle
 R & D Technical Center Project No. 241095

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Page 6

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Subject to Protective Order - Williams v. Remington