

MEASUREMENT LAB TEST RESULTS

REQUESTOR: R. Murphy TESTER: P. Conant DATE: 05/29/85

REPORT NO.: 850871 WORK ORDER NO.: C-5001-315

TEST TYPE: Safety Related Competitive Evaluation -- jar-off

FIREARM STAT'S : MODEL: _____ CAL OR GAUGE: _____

BARREL TYPE: _____ PROOFED: YES ___ NO ___

REASON FOR TEST : To evaluate competetors firearms at minimum pull and maximum Jar-off height.

EQUIPMENT REQUIRED : The following guns: Ruger M/77, Smith & Wesson M/1500, Colt Sauer, Browning, Winchester M/70, Sako and Weatherby Vanguard.

TEST PROCEDURE : The guns were loaded with dummy rounds in the chamber and in the magazine. Each gun was then raised to a height of 1 foot and dropped with the muzzel striking the 90 durometer mat. This procedure was repeated 2 more times for each gun. The guns were then raised to a height of 2 feet and dropped 3 times each. The same procedure was used to test the guns at 3, 4 and 5 feet. After each drop, the guns were fired and then re-cocked.

TEST RESULTS : None of the guns tested experienced "Jar-off" at any height.