

TEST AND MEASUREMENT LAB TEST RESULTS

REQUESTER: F. Martin TESTER: C. Stephens DATE: 07/14/88
REPORT NO.: 881721 WORK ORDER NO.: 481152
WRITTEN BY: C. Stephens
TEST TYPE: _____

FIREARM STAT'S : MODEL: 700 CAL or GAUGE: .416
BARREL TYPE: _____ PROOFED: YES X NO _____

REASON FOR TEST : To determine if a M/700 rifle in .416
caliber will withstand the abuse of a high pressure
round.

EQUIPMENT REQUIRED : 700 rifle in .416 caliber. Loading room & dies,
P4U Range, Older system, PCB transducer, Amplifier, Measurement
Lab and Iron lung.

TEST PROCEDURE : The barrel of the rifle was plugged with 4
410gr. bullets. A high pressure round was developed using various
powders and loads until an acceptable pressure could be
determined. The load consisted of 90gr 296 powder a 400 gr
bullet and a Remington case. The gun was placed in the
iron lung, loaded and fired.

TEST RESULTS : The results show that the M/700 in .416 caliber
will withstand the abuse of a high pressure round.