

MEASUREMENT LAB TEST RESULTS

REQUESTER: F. H. Smith TESTER: P. Conant DATE: 08/30/85

REPORT NO.: 852392 WORK ORDER NO.: C-5005-314

TEST TYPE: Design Acceptance

FIREARM STAT'S : MODEL: 700/N BAR CAL or GAUGE: 30-06

BARREL TYPE: PROOFED: YES * NO

REASON FOR TEST : This test was initiated to determine lock-time for the NBAR
bolt assembly.

EQUIPMENT REQUIRED : Tektronix 7854 oscilloscope, 700 NBAR action (ser#
B6695575), lock time electronic test circuit.

TEST PROCEDURE : The test circuit was connected to the gun with the output
signal observed on the oscilloscope. The trace was observed and copied to the
plotter. This procedure was repeated 3 times.

TEST RESULTS : The three waveforms showed the locktime to be approx. 2.8
milli-seconds. The plots of the three waveforms are included in this report.

N BAR LOCKTIME





