

DATE

6-27-44

SUBJECT OF EXPT.

M-722 MAIN SPRING

FIRE LENGTH = 2.475
 COCKED LENGTH = 2.180

$d = .055$

$D = .395 - 407 .255 = .352$ MAX.

STACKED LENGTH = 1.540

28 TOTAL COILS 26 ACTIVE

$P = 11.6 \text{ #/in}$

4" FREE LENGTH

$\frac{4.00}{2.475}$
 $\frac{2.475}{1.525}$

FIRE P = $(4.00 - 2.475) 11.6 = 17.7 \text{ #}$

COCKED P = $(4.00 - 2.180) 11.6 = 21.1 \text{ #}$

$\frac{4.00}{2.180}$
 $\frac{2.180}{1.82}$

21 # at 2.50 - 2.30

$\frac{2.475}{1.79}$

EXPERIMENTER

WITNESS

DATE

DATE