

TITLE OF PROJ.

PM SEAR ENDURANCE TEST

SUBJECT

COMPUTER

20MCL

6/15

1966

1) GUN TESTED - M700 with new PM sear

A) Trigger pull at start of test

1 -	4.50
2 -	4.50
3 -	4.50
4 -	4.75
5 -	4.75

avg.

20000 - Firing pins broke during the 20000 cycles. Sear showed negligible wear after inspection on optical comparator. New firing pin assembly.

40000 - Sear ok

61000 - Sear condition of - little change over 40000 cycles - firing pins ok

Trigger pull (each of 5)	1 -	3.75
	2 -	3.75
	3 -	3.75
	4 -	3.50
	5 -	3.75

82000 - Broken firing pins tips over a period of 40000 cycles

100000 - Sear ok