

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 - Trigger press broken during the 20000 cycles. Sear showed negligible rounding after inspection over optical comparator.
 New firing pin assembly

40000 - Sear ok

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

Trigger pull	1 -	3.75
(each of 5)	2 -	3.75
	3 -	3.25
	4 -	3.50
	5 -	3.75

82000 - Broken firing pin tip over a period of 40000 cycles

100000 - Sear ok