

TITLE OF PROJ. *P.M. SEAM ENDURENCE TEST*

SUBJECT

COMPUTER *20 M C* DATE *6/15* 19 *66*

1) GUN TESTED - M700 with new P.M. seal

A) Trigger pull at start of test

1 - 4.50

2 - 4.50

3 - 4.50 Ave.

4 - 4.75

5 - 4.75

20000 - Firing pin broke during the 20000
cycles. Seal showed negligible compaction
after inspection on critical components.
New firing pin assembly

40000 - Seal OK

61000 - Seal condition of - little change
over 40000 cycles 1 - firing pin OK

Trigger pull 1 - 3.75

(ave. of 5) 2 - 3.75

3 - 3.75

4 - 3.50

5 - 3.75

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

100000 - Seal OK