

REMINGTON ARMS COMPANY INC.
ENGINEERING DEPARTMENT COMPUTATION SHEET 3-REV NO 1

TITLE OF PROJECT: P.M. SEAR ENDURANCE TEST

SUBJECT:

COMPL 6/15 1966

1) GUN TESTED - M700 with new P.M. sear
A) Trigger pull at start of test

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

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

40000 - Sear ok

61000 - Sear condition ok - little change
over 40000 cycles 1 - firing pin ok

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

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

100000 - Sear ok