

M/788 Final Design Safety Evaluation

12-8-80

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Test Observation (continued)Gun No. B6008665

<u>Cycles</u>	<u>On</u>	<u>Safe</u>	<u>Off</u>
0	-	8.5	4.5
500	-	7.0	4.0
1,000	-	7.0	4.0
2,500	-	6.5	3.5
5,000	-	6.5	3.5
10,000	-	6.5	3.0

Gun No. B6022543

<u>Cycles</u>	<u>On</u>	<u>Safe</u>	<u>Off</u>
0	-	8.0	5.5
500	-	8.0	6.0
1,000	-	8.0	6.0
2,500	-	7.5	5.5
5,000	-	7.5	5.5
10,000	-	7.5	5.0

Gun No. A6145307

<u>Cycles</u>	<u>On</u>	<u>Safe</u>	<u>Off</u>
0	-	6.0	3.5
500	-	7.5	3.0
1,000	-	6.5	3.0
2,500	-	6.0	3.0
5,000	-	6.0	2.5
10,000	-	5.5	2.5

Test Procedure:

All actions were set in cut away stocks and tested in safe on/off dry cycle machines. Visual operation was observed during entire cycle. Measurements taken at 0, 500, 1000, 2500, 5000, and 10,000 cycles.

Future Work:

If accepted, pilot lot samples will have to be evaluated from Production.

AJL:ws