

Issued... 2/1/11

Production Line Test

STANDARD ENDURANCE TEST

CENTER FIRE RIFLES

Conditions of Firing: One shot every 5 seconds. Time includes cooling and loading. Cool with compressed air every 40 rounds. Functioning - slow, medium and fast. Alternately load magazine. See Ammunition Schedule attached.

Conditions of Test: Make the following Heater tests, Clearing and Inspection at 180 rds and every 1,000 rounds and after 10,000 dry cycles.

Clean barrel with water fouling solution.

Measure barrel and magazine bore dimensions.

Inspect barrel - 1000 rds.

Inspect barrel - 1000 rds.

Inspect barrel - 1000 rds.

Inspect barrel - 1000 rds.

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Inspect barrel - 1000 rds.

Inspect barrel - 1000 rds.

Inspect barrel - 1000 rds.

Inspect barrel - 1000 rds.

Rounds

1. Clear barrel - 1000 rds.

2. Clear barrel - 1000 rds.

3. Clear barrel - 1000 rds.

4. Clear barrel - 1000 rds.

5. Clear barrel - 1000 rds.

6. Accuracy Test

7. Accuracy Test

8. Accuracy Test

9. Accuracy Test

10. Accuracy Test

(82 rds 119 mts each)
(3- 60 mts each)



2-120
121-180
181-380

Rounds

~~13. Product Inspection Test.~~

~~14. Accuracy Test #4 - 50 rounds.~~

10. Angular Position Test - 60 rounds (20 rds. in each position).

~~341-370~~
361-440

~~14. Interchangeability Test (To determine the interchangeability of parts in this test).~~

~~15. Determining possible causes of failure, rounds of ammunition.~~
~~Success - (10 rounds).~~

~~441-1000~~
441-1000

11. Live Fire Test #12 - 360 rounds.

1001-1060

12. Accuracy Test #4 - 60 rounds.

1061-1080

13. Feeding rounds into "Manned" Gun or Test " " 10 rounds.

1081-1082

14. Fire 1 proof round.

1083-1920

15. Live Fire Test #12 - 839 rounds.

1921-2000

16. Fresh Gas Escape Test - 40 rounds.

2001-2060

17. Accuracy Test #4 - 60 rounds.

2061-2062

18. Fire 1 proof round.

2063-2262

*19. No lubrication Test - 200 rounds.

20. Lubricate gun using Type III lubrication.

*21. Cold Test (-20°F.) - 100 rounds.

2263-2362

*22. Ice Test (-20°F.) - 5 rounds.

2363-2367

23. Live Fire Test #12 - 632 rounds.

2368-3000

24. Accuracy Test #4 - 60 rounds.

3001-3060

25. Fire 1 proof round.

3061-3062

*26. Load Test - 10 rounds.

3063-3082

27. Clean gun, proof test.

28. Live Fire Test #12 - 898 rounds.

3083-3980

*29. Load Test - 10 rounds.

3981-4000

30. Live Fire Test #12 - 1060 rounds.

4001-4060

31. Accuracy Test #4 - 60 rounds.

4061-4062

32. Fire 1 proof round.

4063-4082

*33. Load Test - 10 rounds.

4083-4142

*34. Live Fire Test #12 - 1060 rounds.

4083-4142

Collier

35. ~~36.~~ Live Fire Test #4 - ~~250~~ rounds.
 36. ~~37.~~ Accuracy Test - 60 rounds.
 37. ~~38.~~ Fire 5 Proof Rounds.
 38. ~~39.~~ Head Space Test #3.

Rounds

4141-5000

5001-5060

5061-5065

39. "Cook Off Test" - for autoloading arms only. ~~100 rounds~~
 "Cook Off" can be obtained under 100 rounds of firing. Use Proof Chamber.

5066-5940

40. ~~accuracy~~ 60 rounds
 41. Determine if firing pin will fire

5941-6000

~~*46. *Sub Zero Test (-60°F.) - 100 rounds~~

~~*47. Chamber Fit Test #46 - 10 rounds~~

48. Perform 10,000 Dry Cycle Operations.

~~*49. Gun Strength Test. Subject gun to increased pressure until strength is determined.~~

~~*50. Safety Lug Shear Test - 20 rounds.~~

*Adverse Conditions Test.

AMMUNITION SCHEDULE

W/721 - Cal. 30-06 Infantry

Routing Ticket No.	Manufacturer	Ammunition Type	Rounds
3	Remington	Proof Ammunition	3-1
8	Remington	Hi Speed, Bronze Point	2-120
	"	Hi Speed, Soft Point	
	"	Soft Point Express	
9	Western	Open Point Expanding	1-120
	"	Soft Point	
	"	Open Point Expanding	
	"	Silver Tip	
	Winchester	Super Speed	
12	Remington	Bronze Point	1-120
*13	"	Soft Point	1-120
15	"	Mushroom	1-120
	"	Excuse Point	1-120
16	"	Soft Point	1-120
17	Remington	Bronze Point	1-120
18	"	"	1-120
19	"	Proof	1-120
20	"	Mushroom	1-120
21	"	Excuse Point	1-120
	"	Soft Point	1-120
	"	"	1-120
	"	Bronze Point	1-120

<u>Routing</u> <u>Ticket No.</u>	<u>Manufacturer</u>	<u>Ammunition Type</u>	<u>Grain</u>	<u>Rounds</u>
22	Remington	Bronze Point	150	2001-2050
23	"	Proof		2051-2052
*24	"	Soft Point	150	2053-2252
*25	"	"	150	2253-2352
*26	"	"	150	2353-2357
*27	"	"	150	2358-3000
28	"	"	150	3001-3050
29	"	Bronze Point	150	3051-3052
30	"	Proof		3053-3072
*31	"	Bronze Point	150	3073-3980
32	"	"		3981-4000
*33	"	"		4001-4050
34	"	"		4051-4052
35	"	"		4053-4072
*36	"	"	150	4073-4132
*37	"	"	150	4133-5000
38	"	"	150	5001-5050
39	"	"	150	5051-5055
40	"	"	150	5056-5890
*41	"	"	150	5891-5990
*42	"	"	150	5991-6000
43	"	"	150	6001-6020
44	"	"	150	6021-6040

13	Pen	Quinman			20	1146-1240
14	Pen	Proof book			11	1281-1282
15	Pen	H.S. L.P. C.B.H.	150	7230	350	1121-1470
		Exp. mach. C.B.H.	180	7130	350	1471-1820
		H.S. L.P. L.P. Point	150	R464	39	1082-1120
		H.S. L.P. B.P. Point	150	R469	100	1821-1920
16	Pen	Exp. mach. C.B.H.	180	7130	80	1921-2000
17	Pen	Exp. L.P. C.B.H.	180	7030	60	2001-2060
18	Pen	Proof book			1	2061-2062
19	Pen	Exp. mach. C.B.H.	180	7130	200	2063-2260
20	Pen	H.S. L.P. C.B.H.	150	7330	110	2261-2360
21	Pen	H.S. L.P. C.B.H.	150	7330	5	2361-2362
22	Pen	H.S. L.P. C.B.H.	150	7330	199	2363-2560
		Exp. mach. C.B.H.	180	7130	300	2561-2860
		H.S. B.P.	150	R469	100	2861-2960
		H.S. S.P.	150	R464	40	2961-3000
24	Pen	Exp. L.P. C.B.H.	180	7130	60	3001-3060
25	Pen	Proof book			1	3061-3062

29 Nov	H. J. B. P.	150	P. 4. 7	20	3072-3082
28 Nov	E. J. B. P.	130	7150	29.3	3073-333
27 Nov	H. J. B. P.	150	71330	300	3372-368
26 Nov	H. J. B. P.	150	P. 4. 64	210	3672-372
25 Nov	H. J. B. P.	150	P. 4. 69	210	3712-396
24 Nov	H. J. B. P.	150	P. 4. 64	20	3951-450
23 Nov	E. J. B. P.	150	71270	60	4501-456
22 Nov	E. J. B. P.	150	71270	11	4501-456
21 Nov	E. J. B. P.	150	71270	20	4501-456
20 Nov	E. J. B. P.	150	71270	30	4501-456
19 Nov	E. J. B. P.	150	71270	40	4501-456
18 Nov	E. J. B. P.	150	71270	50	4501-456
17 Nov	E. J. B. P.	150	71270	60	4501-456
16 Nov	E. J. B. P.	150	71270	70	4501-456
15 Nov	E. J. B. P.	150	71270	80	4501-456
14 Nov	E. J. B. P.	150	71270	90	4501-456
13 Nov	E. J. B. P.	150	71270	100	4501-456
12 Nov	E. J. B. P.	150	71270	110	4501-456
11 Nov	E. J. B. P.	150	71270	120	4501-456
10 Nov	E. J. B. P.	150	71270	130	4501-456
9 Nov	E. J. B. P.	150	71270	140	4501-456
8 Nov	E. J. B. P.	150	71270	150	4501-456
7 Nov	E. J. B. P.	150	71270	160	4501-456
6 Nov	E. J. B. P.	150	71270	170	4501-456
5 Nov	E. J. B. P.	150	71270	180	4501-456
4 Nov	E. J. B. P.	150	71270	190	4501-456
3 Nov	E. J. B. P.	150	71270	200	4501-456
2 Nov	E. J. B. P.	150	71270	210	4501-456
1 Nov	E. J. B. P.	150	71270	220	4501-456
31 Oct	E. J. B. P.	150	71270	230	4501-456
30 Oct	E. J. B. P.	150	71270	240	4501-456
29 Oct	E. J. B. P.	150	71270	250	4501-456
28 Oct	E. J. B. P.	150	71270	260	4501-456
27 Oct	E. J. B. P.	150	71270	270	4501-456
26 Oct	E. J. B. P.	150	71270	280	4501-456
25 Oct	E. J. B. P.	150	71270	290	4501-456
24 Oct	E. J. B. P.	150	71270	300	4501-456
23 Oct	E. J. B. P.	150	71270	310	4501-456
22 Oct	E. J. B. P.	150	71270	320	4501-456
21 Oct	E. J. B. P.	150	71270	330	4501-456
20 Oct	E. J. B. P.	150	71270	340	4501-456
19 Oct	E. J. B. P.	150	71270	350	4501-456
18 Oct	E. J. B. P.	150	71270	360	4501-456
17 Oct	E. J. B. P.	150	71270	370	4501-456
16 Oct	E. J. B. P.	150	71270	380	4501-456
15 Oct	E. J. B. P.	150	71270	390	4501-456
14 Oct	E. J. B. P.	150	71270	400	4501-456
13 Oct	E. J. B. P.	150	71270	410	4501-456
12 Oct	E. J. B. P.	150	71270	420	4501-456
11 Oct	E. J. B. P.	150	71270	430	4501-456
10 Oct	E. J. B. P.	150	71270	440	4501-456
9 Oct	E. J. B. P.	150	71270	450	4501-456
8 Oct	E. J. B. P.	150	71270	460	4501-456
7 Oct	E. J. B. P.	150	71270	470	4501-456
6 Oct	E. J. B. P.	150	71270	480	4501-456
5 Oct	E. J. B. P.	150	71270	490	4501-456
4 Oct	E. J. B. P.	150	71270	500	4501-456
3 Oct	E. J. B. P.	150	71270	510	4501-456
2 Oct	E. J. B. P.	150	71270	520	4501-456
1 Oct	E. J. B. P.	150	71270	530	4501-456
30 Sep	E. J. B. P.	150	71270	540	4501-456
29 Sep	E. J. B. P.	150	71270	550	4501-456
28 Sep	E. J. B. P.	150	71270	560	4501-456
27 Sep	E. J. B. P.	150	71270	570	4501-456
26 Sep	E. J. B. P.	150	71270	580	4501-456
25 Sep	E. J. B. P.	150	71270	590	4501-456
24 Sep	E. J. B. P.	150	71270	600	4501-456
23 Sep	E. J. B. P.	150	71270	610	4501-456
22 Sep	E. J. B. P.	150	71270	620	4501-456
21 Sep	E. J. B. P.	150	71270	630	4501-456
20 Sep	E. J. B. P.	150	71270	640	4501-456
19 Sep	E. J. B. P.	150	71270	650	4501-456
18 Sep	E. J. B. P.	150	71270	660	4501-456
17 Sep	E. J. B. P.	150	71270	670	4501-456
16 Sep	E. J. B. P.	150	71270	680	4501-456
15 Sep	E. J. B. P.	150	71270	690	4501-456
14 Sep	E. J. B. P.	150	71270	700	4501-456
13 Sep	E. J. B. P.	150	71270	710	4501-456
12 Sep	E. J. B. P.	150	71270	720	4501-456
11 Sep	E. J. B. P.	150	71270	730	4501-456
10 Sep	E. J. B. P.	150	71270	740	4501-456
9 Sep	E. J. B. P.	150	71270	750	4501-456
8 Sep	E. J. B. P.	150	71270	760	4501-456
7 Sep	E. J. B. P.	150	71270	770	4501-456
6 Sep	E. J. B. P.	150	71270	780	4501-456
5 Sep	E. J. B. P.	150	71270	790	4501-456
4 Sep	E. J. B. P.	150	71270	800	4501-456
3 Sep	E. J. B. P.	150	71270	810	4501-456
2 Sep	E. J. B. P.	150	71270	820	4501-456
1 Sep	E. J. B. P.	150	71270	830	4501-456
31 Aug	E. J. B. P.	150	71270	840	4501-456
30 Aug	E. J. B. P.	150	71270	850	4501-456
29 Aug	E. J. B. P.	150	71270	860	4501-456
28 Aug	E. J. B. P.	150	71270	870	4501-456
27 Aug	E. J. B. P.	150	71270	880	4501-456
26 Aug	E. J. B. P.	150	71270	890	4501-456
25 Aug	E. J. B. P.	150	71270	900	4501-456
24 Aug	E. J. B. P.	150	71270	910	4501-456
23 Aug	E. J. B. P.	150	71270	920	4501-456
22 Aug	E. J. B. P.	150	71270	930	4501-456
21 Aug	E. J. B. P.	150	71270	940	4501-456
20 Aug	E. J. B. P.	150	71270	950	4501-456
19 Aug	E. J. B. P.	150	71270	960	4501-456
18 Aug	E. J. B. P.	150	71270	970	4501-456
17 Aug	E. J. B. P.	150	71270	980	4501-456
16 Aug	E. J. B. P.	150	71270	990	4501-456
15 Aug	E. J. B. P.	150	71270	1000	4501-456

Occasionally

1130 Ep. must call 3250-240-3040-350-2490-80
1200

2464 H.S. SP 1100-240-060-10-820

2469 SP H.S. 1330-240-1620-100-1520

1330 H.S. SP call 2440
1200

39	Rem	Exp	mir	6	CLBT	110	7130	295	5066-5366
		HL	LP		CLBT	150	7330	300	5361-5660
		HL	BP			230	8469	200	5661-5860
		HL	LP			150	8464	80	5861-5940
40	Rem	Exp	LP		CLBT	180	7030	60	5941-6000

5940
5066
874