

Test Lab Work Request Form

Rev.3 -20 April, 2000

Date Submitted: 9 August, 2000	Tracking #: TLW 0250
Project #: 241095	Engineer: KEENEY, M.
Test Objective: Conduct Pre-DAT test procedures on five rifles from Mayfield	
Test Description: Perform the following: 1. Measurements: Trigger Pull; Sear Engagement, Sear/Firing Pin Head Engagement, Headspace and Chamber Casts. 2. SAAMI Jar-Off Testing (all five rifles) 4 with iron sights, 1 with "substitute scope" 3. 100 round function test (with 5 types of ammo if possible) 4. Accuracy at 100 yards. 5. Dry Cycle on ISS system. 6. Two rifles through SAAMI Jar-Off Testing with Sear/Firing Pin Head engagement set at min. engagement. 7. Extended SAAMI Jar-Off Test 8. Other tests as deemed necessary to characterize product.	
Resource Usage: Manpower Requirements - 2 Techs Facility Requirements -	Test Results Required: Formal Report: Data Only: x Requested Completion Date: 15 Aug 2000
Required Materials/Parts/Equipment (include quantities):	
Test Parts Availability Date: 9 August, 2000	
Start Date: 8-9-00 Completion Date: 9-1-00 Report Date:	Test Assigned To: Jesse Aronld Assignment Date: 08/10/00

ET08577

PRE-DAT TEST ON FIVE RIFLES FROM MAYFIELD.

TLW 0250

PROJECT# 241095

			ADJUSTED		ADJUSTED
GUN	HEAD SPACE	ENGAGEMENT	ENGAGEMENT	TRIGGER PULL	TRIGGER PULL
71001041	0.001	0.0296	0.0197	4.083	4
71001013	0.001	0.0259	0.0194	4.416	4
71001047	MIN	0.0295	0.0193	4.416	4
71001414	0.001	0.022	0.0207	2.75	4
71001032	0.001	0.0356	0.0201	4.416	4

SAAMI JAR-OFF TEST

GUN	
71001041	PASSED ALL JAR-OFF DROPS AT 12" / WITH IRON SIGHTS
71001013	PASSED ALL JAR-OFF DROPS AT 12" / WITH IRON SIGHTS
71001047	PASSED ALL JAR-OFF DROPS AT 12" / WITH IRON SIGHTS
71001414	WITH SCOPE MOUNTED GUN FIRED AT 12" BARREL HORIZONTAL, BOTTOM OF STOCK UP.
71001032	PASSED ALL JAR-OFF DROPS AT 12" / WITH IRON SIGHTS

DROPPED 4 GUNS AT 12,24,36,48" BARREL HORIZONTAL BOTTOM OF STOCK UP
AND BOTTOM OF STOCK DOWN. SAFETY IN THE ON POSITION.

GUN	
71001013	PASSED ALL DROPS.
71001032	PASSED ALL DROPS.
71001041	PASSED ALL DROPS.
71001047	PASSED ALL DROPS.

ET08578

M/710 SERIAL# 71001041

ACCURACY 100 YARDS

ALUMINUM STOCK

AMMO	GROUP#1	GROUP#2	GROUP#3	GROUP#4	GROUP#5	AVERAGE
REM R30062 150GR	2.303	3.196	2.865	2.767	2.323	2.6908
REM R30064 180GR	2.06	1.417	2.571	2.751	1.931	2.146

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ET08579

M/710 SERIAL# 71001041

ACCURACY 100 YARDS

AMMO	GROUP#1	GROUP#2	GROUP#3	GROUP#4	GROUP#5	AVERAGE
REM R30062 150GR	2.073	4.966	3.344	1.955	2.025	2.8726
REM R30064 180GR	1.224	1.206	1.461	2.236	1.524	1.5302

CONFIDENTIAL 83

ET08580

M710 SERIAR# 71001041

ACCURACY 100 YARDS

ALUMINUM STOCK. BARREL CROWNED

AMMO	GROUP#1	GROUP#2	GROUP#3	GROUP#4	GROUP#5	AVERAGE
REM R30062 150GR	2.316	2.429	2.834	2.7	2.154	2.4866
REM R30064 180GR	1.399	1.029	1.618	0.91	1.734	1.338

CONFIDENTIAL

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ET08581

1m/710 Proof Test

Serial # 71001041 (ST-1)

Head Space t.001

(1) Proof Rd

Head Space t.001

Serial # 71001047 (ST-3)

(2) Head Space t.002

(1) Proof Rd

Head Space t.003

83

ET08582

GUN BARBER 5.22.06 0002752
DATE 8-16-00
SHOOTER - Jesse

M710
BASIC JACK FUNCTION
TEST

PROJECT# 241095
TLW/0250

AMMO TYPE - Rem 1230062 1506M		LOT# - D010614	
MALFUNCTIONS		MALFUNCTIONS	
1	1	51	3
2	2	52	4
3	3	53	1
4	4	54	2
5	1	55	3
6	2	56	4
7	3	57	1
8	4	58	2
9	1	59	3
10	2	60	4
11	3	61	1
12	4	62	2
13	1	63	3
14	2	64	4
15	3	65	1
16	4	66	2
17	1	67	3
18	2	68	4
19	3	69	1
20	4	70	2
21	1	71	3
22	2	72	4
23	3	73	1
24	4	74	2
25	1	75	3
26	2	76	4
27	3	77	1
28	4	78	2
29	1	79	3
30	2	80	4
31	3	81	1
32	4	82	2
33	1	83	3
34	2	84	4
35	3	85	1
36	4	86	2
37	1	87	3
38	2	88	4
39	3	89	1
40	4	90	2
41	1	91	3
42	2	92	4
43	3	93	1
44	4	94	2
45	1	95	3
46	2	96	4
47	3	97	1
48	4	98	2
49	1	99	3
50	2	100	4

NOTE: MAG Box very
Hard To Get Seated/Latched
in Gun

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TOTAL RDS 100

ET08583

21-1
GUB BARBER-18.22.06r0002753
DATE-8-16-00
SHOOTER-Jesse

M710
BASIC JACK FUNCTION
TEST

PROJECT# 241095
TLW 0250

100

AMMO TYPE - Rem R300.64 180gr		LOT# - C035C26	
MALFUNCTIONS		MALFUNCTIONS	
1	1	51	3
2	2	52	4
3	3	53	1
4	4	54	2
5	1	55	3
6	2	56	4
7	3	57	1
8	4	58	2
9	1	59	3
10	2	60	4
11	3	61	1
12	4	62	2
13	1	63	3
14	2	64	4
15	3	65	1
16	4	66	2
17	1	67	3
18	2	68	4
19	3	69	1
20	4	70	2
21	1	71	3
22	2	72	4
23	3	73	1
24	4	74	2
25	1	75	3
26	2	76	4
27	3	77	1
28	4	78	2
29	1	79	3
30	2	80	4
31	3	81	1
32	4	82	2
33	1	83	3
34	2	84	4
35	3	85	1
36	4	86	2
37	1	87	3
38	2	88	4
39	3	89	1
40	4	90	2
41	1	91	3
42	2	92	4
43	3	93	1
44	4	94	2
45	1	95	3
46	2	96	4
47	3	97	1
48	4	98	2
49	1	99	3
50	2	100	4

Mag Not Cam - Apert

Mag Stem Low

GUN 3.0
BARBER 5.22.06r0002754
DATE - 8-16-06
SHOOTER - JESSIE

M/710
BASIC JACK FUNCTION
TEST

PROJECT# 241095
TLW 0250

200

AMMO TYPE - Rem N30064 180GM		LOT# - C01SC25	
MALFUNCTIONS		MALFUNCTIONS	
1	1	51	3
2	2	52	4
3	3	53	1
4	4	54	2
5	1	55	3
6	2	56	4
7	3	57	1
8	4	58	2
9	1	59	3
10	2	60	4
11	3	61	1
12	4	62	2
13	1	63	3
14	2	64	4
15	3	65	1
16	4	66	2
17	1	67	3
18	2	68	4
19	3	69	1
20	4	70	2
21	1	71	3
22	2	72	4
23	3	73	1
24	4	74	2
25	1	75	3
26	2	76	4
27	3	77	1
28	4	78	2
29	1	79	3
30	2	80	4
31	3	81	1
32	4	82	2
33	1	83	3
34	2	84	4
35	3	85	1
36	4	86	2
37	1	87	3
38	2	88	4
39	3	89	1
40	4	90	2
41	1	91	3
42	2	92	4
43	3	93	1
44	4	94	2
45	1	95	3
46	2	96	4
47	3	97	1
48	4	98	2
49	1	99	3
50	2	100	4

83

ET08585

300

AMMO TYPE - Rem R30062 150 GR		LOT# - 706 UA13	
MALFUNCTIONS		MALFUNCTIONS	
1	1	51	3
2	2	52	4
3	3	53	1
4	4	54	2
5	1	55	3
6	2	56	4
7	3	57	1
8	4	58	2
9	1	59	3
10	2	60	4
11	3	61	1
12	4	62	2
13	1	63	3
14	2	64	4
15	3	65	1
16	4	66	2
17	1	67	3
18	2	68	4
19	3	69	1
20	4	70	2
21	1	71	3
22	2	72	4
23	3	73	1
24	4	74	2
25	1	75	3
26	2	76	4
27	3	77	1
28	4	78	2
29	1	79	3
30	2	80	4
31	3	81	1
32	4	82	2
33	1	83	3
34	2	84	4
35	3	85	1
36	4	86	2
37	1	87	3
38	2	88	4
39	3	89	1
40	4	90	2
41	1	91	3
42	2	92	4
43	3	93	1
44	4	94	2
45	1	95	3
46	2	96	4
47	3	97	1
48	4	98	2
49	1	99	3
50	2	100	4

NO BOLT OVER R. J.

83

400

GUBARBER-5.22.06r0002756
DATE 8-16-00
SHOOTER - Test 2

M/710
BASIC JACK FUNCTION
TEST

PROJECT# 241095
TLW 0250

AMMO TYPE - Rem 830062 150 GR		LOT# - D01-0614	
MALFUNCTIONS		MALFUNCTIONS	
1	1	51	3
2	2	52	4
3	3	53	1
4	4	54	2
5	1	55	3
6	2	56	4
7	3	57	1
8	4	58	2
9	1	59	3
10	2	60	4
11	3	61	1
12	4	62	2
13	1	63	3
14	2	64	4
15	3	65	1
16	4	66	2
17	1	67	3
18	2	68	4
19	3	69	1
20	4	70	2
21	1	71	3
22	2	72	4
23	3	73	1
24	4	74	2
25	1	75	3
26	2	76	4
27	3	77	1
28	4	78	2
29	1	79	3
30	2	80	4
31	3	81	1
32	4	82	2
33	1	83	3
34	2	84	4
35	3	85	1
36	4	86	2
37	1	87	3
38	2	88	4
39	3	89	1
40	4	90	2
41	1	91	3
42	2	92	4
43	3	93	1
44	4	94	2
45	1	95	3
46	2	96	4
47	3	97	1
48	4	98	2
49	1	99	3
50	2	100	4

ET08587

ST-3
BARBER - 5.22.06r0002757
GUN - 7100104
DATE - 8-16-00
SHOOTER - Jell e

M/710
BASIC JACK FUNCTION
TEST

PROJECT# 241095
TLW 0250

100

AMMO TYPE - Rem R30064 180 Gr		LOT# - C035C26	
MALFUNCTIONS		MALFUNCTIONS	
1	1	51	3
2	2	52	4
3	3	53	1
4	4	54	2
5	1	55	3
6	2	56	4
7	3	57	1
8	4	58	2
9	1	59	3
10	2	60	4
11	3	61	1
12	4	62	2
13	1	63	3
14	2	64	4
15	3	65	1
16	4	66	2
17	1	67	3
18	2	68	4
19	3	69	1
20	4	70	2
21	1	71	3
22	2	72	4
23	3	73	1
24	4	74	2
25	1	75	3
26	2	76	4
27	3	77	1
28	4	78	2
29	1	79	3
30	2	80	4
31	3	81	1
32	4	82	2
33	1	83	3
34	2	84	4
35	3	85	1
36	4	86	2
37	1	87	3
38	2	88	4
39	3	89	1
40	4	90	2
41	1	91	3
42	2	92	4
43	3	93	1
44	4	94	2
45	1	95	3
46	2	96	4
47	3	97	1
48	4	98	2
49	1	99	3
50	2	100	4

ET08588

200

AMMO TYPE - Rem R30064		180 GM	LOT# - C015C2S	
MALFUNCTIONS			MALFUNCTIONS	
1	1		51	3
2	2		52	4
3	3		53	1
4	4		54	2
5	1		55	3
6	2		56	4
7	3		57	1
8	4		58	2
9	1		59	3
10	2		60	4
11	3		61	1
12	4		62	2
13	1		63	3
14	2		64	4
15	3		65	1
16	4		66	2
17	1		67	3
18	2	Boit over R. side	68	4
19	3		69	1
20	4		70	2
21	1		71	3
22	2		72	4
23	3		73	1
24	4		74	2
25	1		75	3
26	2		76	4
27	3		77	1
28	4		78	2
29	1		79	3
30	2		80	4
31	3		81	1
32	4		82	2
33	1		83	3
34	2		84	4
35	3		85	1
36	4		86	2
37	1		87	3
38	2		88	4
39	3		89	1
40	4		90	2
41	1		91	3
42	2		92	4
43	3		93	1
44	4		94	2
45	1		95	3
46	2		96	4
47	3		97	1
48	4		98	2
49	1		99	3
50	2		100	4

300

AMMO TYPE - Rem R30062 150 GR		LOT# - D06 UA 13	
MALFUNCTIONS		MALFUNCTIONS	
1	1	51	3
2	2	52	4
3	3	53	1
4	4	54	2
5	1	55	3
6	2	56	4
7	3	57	1
8	4	58	2
9	1	59	3
10	2	60	4
11	3	61	1
12	4	62	2
13	1	63	3
14	2	64	4
15	3	65	1
16	4	66	2
17	1	67	3
18	2	68	4
19	3	69	1
20	4	70	2
21	1	71	3
22	2	72	4
23	3	73	1
24	4	74	2
25	1	75	3
26	2	76	4
27	3	77	1
28	4	78	2
29	1	79	3
30	2	80	4
31	3	81	1
32	4	82	2
33	1	83	3
34	2	84	4
35	3	85	1
36	4	86	2
37	1	87	3
38	2	88	4
39	3	89	1
40	4	90	2
41	1	91	3
42	2	92	4
43	3	93	1
44	4	94	2
45	1	95	3
46	2	96	4
47	3	97	1
48	4	98	2
49	1	99	3
50	2	100	4

83