

C6225437

MODEL 700™ M24

Model 700 M24™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.



88299

[illegible]

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # *C6225437*

OPERATION		DATE	INT
#	NAME		
575-580	ASSEMBLY <i>2</i>	<i>26</i>	<i>FB</i>
600	PROOF <i>2</i>	<i>29</i>	<i>RW</i>
615	MAGNAFLUX BARREL	<i>5/13/88</i>	<i>pfe.</i>
	MAGNAFLUX BOLT	<i>5/13/88</i>	<i>pfe.</i>
620	COATING	<i>8/1/88</i>	<i>TJA</i>
625-630	FINAL ASSEMBLY		
635	TEST		
640	TARGET		
	FIRING PIN INDENT		
660	PACK		

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6225437

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and stock			
600	Proof			
607	Check Headspace			
610	Dis-assemble gun			
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill & Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coatings (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/30/88	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/30/88	RW
	C) Inspect Ejector Hole for Chamfer		8/30/88	RW

OVER

OP. #		READINGS	DATE	INITIAL
625 cont.	D) Oil Firing Pin Ass'y		8/30/88	RW
	E) Adjust Trigger Pull to Min. Setting and Stake		30aug88	J.U. + J.S.
	F) Safety on Force	6 5.5 5.5	30aug88	J.U. + J.S.
	G) Safety off Force	2.5 2.5 2.5	30aug88	J.U. + J.S.
	H) Trigger Pull Test & Retainabilty		30aug88	J.U. + J.S.
	I) Firing Pin Indent	.022 .0215 .022	30aug88	J.U. + J.S.
	J) Assemble Stock		9/26/88	RW
	K) Assemble Swivel Studs		10-7-88	J.S.
	L) Attach Front & Rear Sight Assemblies		9/26/88	RW
	M) Iron Sight Alignment		9/26/88	RW
	N) Detach Front & Rear Sights & place in numbered container		9/26/88	RW
	O) Attach Scope to Rifle		10/3/88	RW
	P) Detach & Attach Scope 20 times		10/4/88	J.S.
640	Gallery Target & Test	47 R 108 L	10/6/88	W.B.
	A) Optical Clarity of Scope		10/6/88	W.B.
645	Inspect for Live Ammo		10/6/88	W.B.
655	Final Inspection			
	A) Headspace		10-7-88	J.S.
	B) Trigger Pull		10-7-88	J.S.
	C) Function		10-7-88	J.S.
660	Pack		10-21-88	J.S.

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. C6225437DATE 30 Aug 88TESTER J. J. + K. S.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.66	2.14	2.41	2.66	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.55	2.25	2.42	2.50	
PULL #3	2.61	2.23	2.42	2.56	
PULL #4	2.63	2.23	2.41	2.63	
PULL #5	2.67	2.27	2.40	2.54	
TOTAL	13.12	11.12	12.06	12.89	
AVG.	2.624	2.224	2.412	2.578	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.16	3.13		
PULL #2	3.11	3.15		
PULL #3	3.08	3.15		
PULL #4	3.12	3.19		
PULL #5	3.15	3.23		
TOTAL	15.62	15.85		
AVG.	3.124	3.17		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.23	4.14		3.99
PULL #2	4.18	4.12		4.05
PULL #3	4.19	4.16		4.19
PULL #4	4.20	4.09		4.10
PULL #5	4.24	4.12		4.07
TOTAL	21.04	20.63		20.40
AVG.	4.208	4.126		4.08

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225437

CENTROIDAL DISTANCES

0 TO	1	1.00012
1 TO	2	.822097
1 TO	3	.605799
1 TO	4	.355089
1 TO	5	.514995

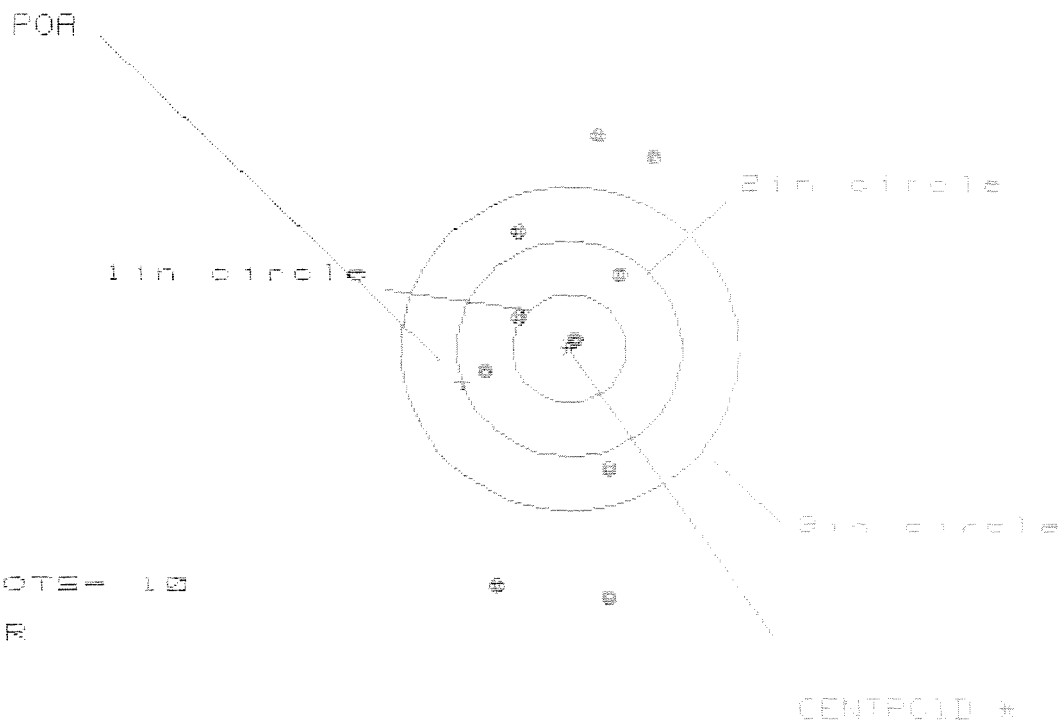
25
+3⁴1 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .54
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .326
THE RESULTING AVERAGE FOI RADIUS FOR THIS RIFLE IS: .630774
THE AMR FOR THIS RIFLE IS: 1.092

6 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08225137

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 6

HS= 1.549

VS= 4.387

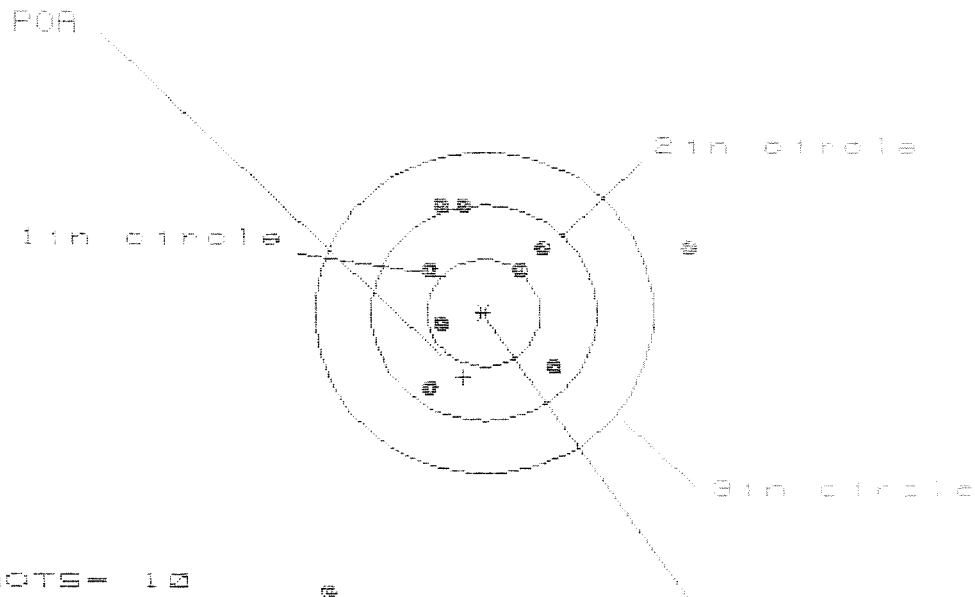
GS= 4.389

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.773	.817	.746
MINIMUM X	-.776	-.732	-.883
MAXIMUM Y	1.986	1.728	1.422
MINIMUM Y	-2.321	-2.446	-1.703
CENTROID X	.952	.908	.979
CENTROID Y	.310	.568	.874
POA TO CENTROID in.	1.001	1.071	1.313
MIN RADIUS	.139	.129	.426
MEAN RADIUS	1.324	1.163	.988
MAX RADIUS	2.355	2.513	1.736
HORIZONTAL SPREAD	1.549	1.549	1.549
VERTICAL SPREAD	4.387	4.174	3.125
EXTREME SPREAD	4.389	4.268	3.126
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	6		

6 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08225437

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 7

3 in = 8

HS = 3.178

VS = 3.659

GS = 4.518

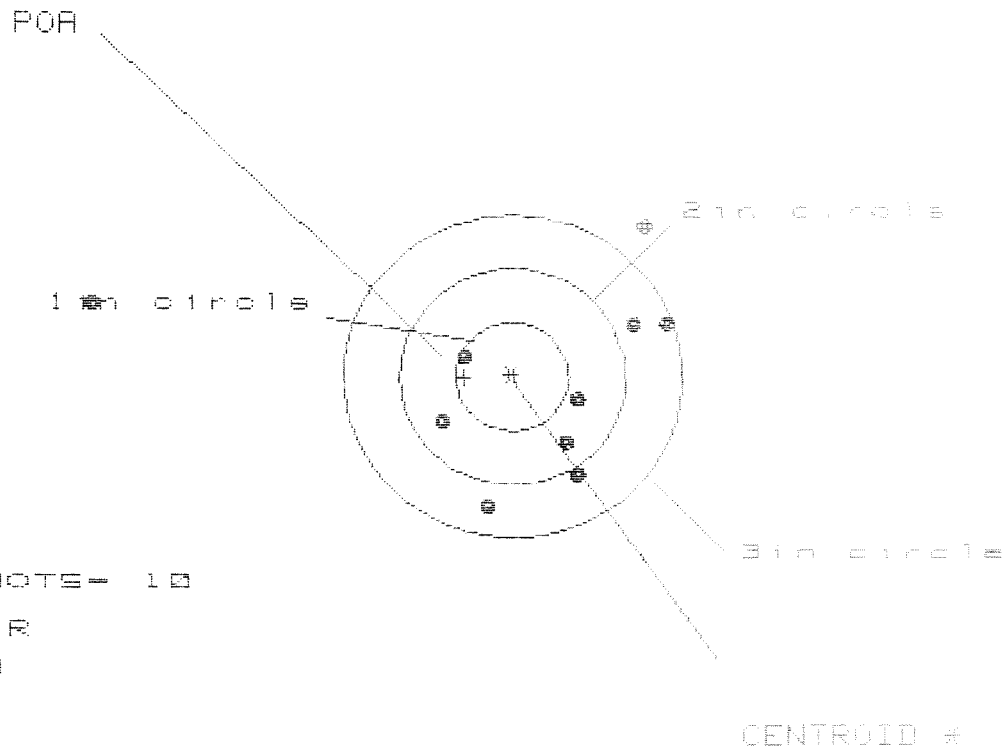
CENTROID *

PATTERN #	2	2	2
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.831	1.681	.682
MINIMUM X	-1.347	-.673	-.463
MAXIMUM Y	1.012	.718	.752
MINIMUM Y	-2.647	-1.001	-.968
CENTROID X	.182	.332	.122
CENTROID Y	.598	.892	.859
POA TO CENTROID in.	.625	.952	.867
MIN RADIUS	.384	.199	.398
MEAN RADIUS	1.092	.823	.696
MAX RADIUS	2.970	1.703	1.072
HORIZONTAL SPREAD	3.178	2.354	1.145
VERTICAL SPREAD	3.659	1.719	1.719
EXTREME SPREAD	4.518	2.675	1.848
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		8	

6 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08225437

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 4

3 in = 8

HS= 5.056

VS= 2.538

GS= 5.059

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.335	.922	1.015
MINIMUM X	:	-3.721	-1.060	-.967
MAXIMUM Y	:	1.356	1.433	.768
MINIMUM Y	:	-1.182	-1.105	-.936
CENTROID X	:	.428	.841	.748
CENTROID Y	:	.006	-.071	-.250
POA TO CENTROID in.	:	.428	.844	.788
MIN RADIUS	:	.519	.173	.212
MEAN RADIUS	:	1.301	.933	.819
MAX RADIUS	:	3.785	1.616	1.273
HORIZONTAL SPREAD	:	5.056	1.982	1.982
VERTICAL SPREAD	:	2.538	2.538	1.694
EXTREME SPREAD	:	5.059	2.914	2.334
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

5 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08225437

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 3

2 in = 8

3 in = 10

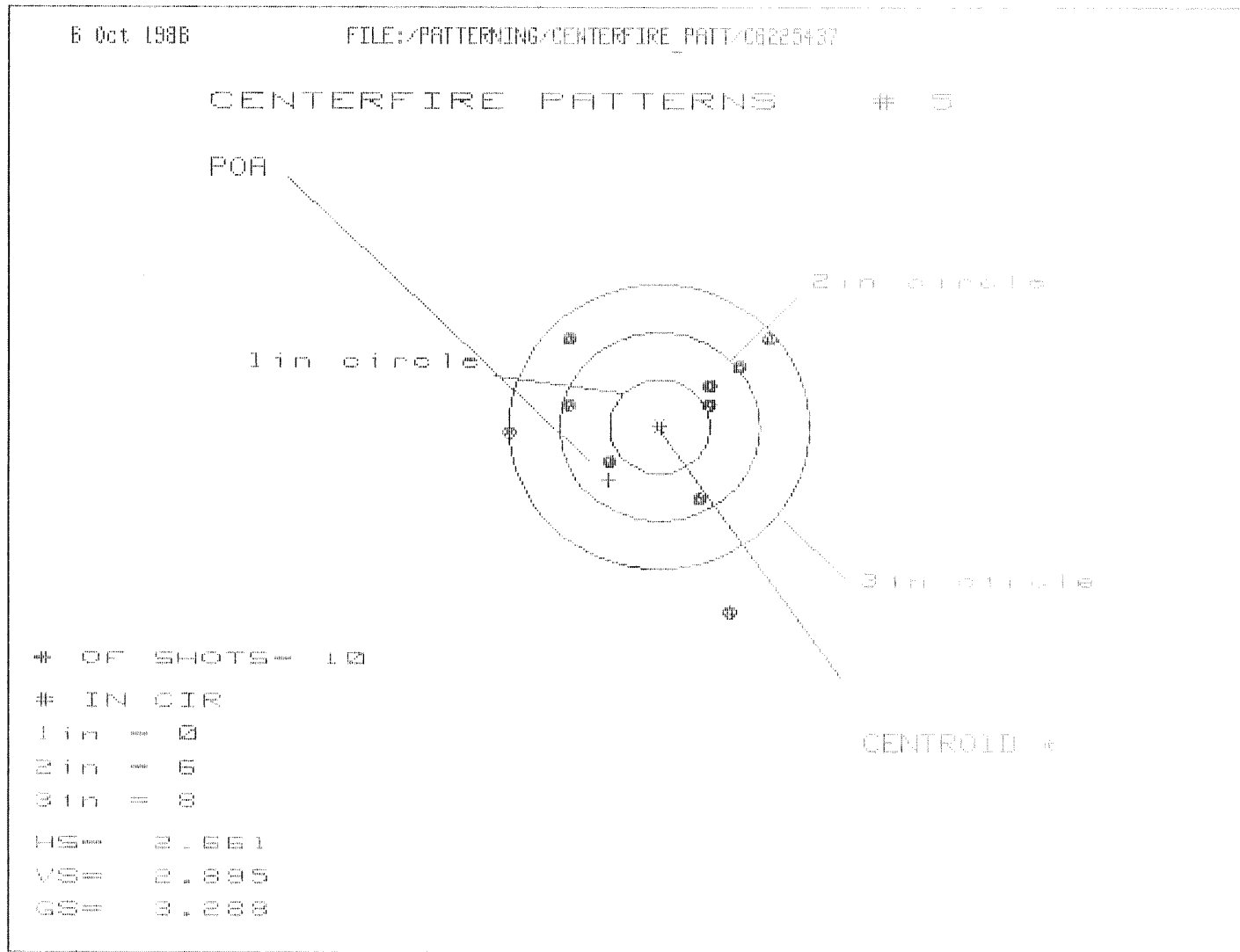
HS = 1.846

VS = 1.434

GS = 1.863

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.157	.608	.543
MINIMUM X	:	-.689	-.560	-.625
MAXIMUM Y	:	.800	.782	.701
MINIMUM Y	:	-.634	-.652	-.701
CENTROID X	:	.634	.505	.570
CENTROID Y	:	.152	.170	.251
POA TO CENTROID in.	:	.652	.533	.623
MIN RADIUS	:	.052	.078	.089
MEAN RADIUS	:	.647	.581	.541
MAX RADIUS	:	1.168	.831	.783
HORIZONTAL SPREAD	:	1.846	1.168	1.168
VERTICAL SPREAD	:	1.434	1.434	1.402
EXTREME SPREAD	:	1.863	1.634	1.410
NUMBER IN ONE INCH CIRCLE =	:	3		

NUMBER IN TWO INCH CIRCLE = 9
 NUMBER IN THREE INCH CIRCLE = 10
BARBER - M24 0060774



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.113	1.187	1.003
MINIMUM X	:	-1.548	-1.474	-1.029
MAXIMUM Y	:	.901	.680	.641
MINIMUM Y	:	-1.994	-.986	-1.025
CENTROID X	:	.504	.430	.614
CENTROID Y	:	.564	.785	.824
POA TO CENTROID in.	:	.756	.895	1.027
MIN RADIUS	:	.570	.551	.365
MEAN RADIUS	:	1.094	.967	.863
MAX RADIUS	:	2.103	1.506	1.191
HORIZONTAL SPREAD	:	2.661	2.661	2.032
VERTICAL SPREAD	:	2.895	1.666	1.666
EXTREME SPREAD	:	3.288	2.840	2.138
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

PAYMENT:
 Mastercard / Visa (circle one)
 Card #:
 Exp. Date:
 Signature:

(PLEASE PRINT CLEARLY)
FIREARMS DELIVERED TO PLANT

RETURN:
☐ Clark Street Entrance
☐ Via US Mail or UPS

FILE **Nº 011147**

DATE **3/18/96**

CUSTOMER NAME: Richard Strickland

ADDRESS: C-1-10 SFL (A)

CMA 445

ZIP: APO AE 09046

PHONE: 011-49-7031-25650

FIREARM MODEL: 100

GAUGE: 7.62

SERIAL # C6225437

REMINGTON EMPLOYEE:

YES ☐ NO ☒

EMPLOYEE # _____

DEPT. # _____

CHECK FOR AMMUNITION

CONDITION:

WOOD GOOD FAIR POOR FANCY PLAIN

METAL GOOD FAIR POOR FANCY PLAIN

BARREL VT. RIB PLAIN DEER RSS

ACCESSORIES:

SCOPE: YES NO (BRAND NAME/POWER) _____

SLING: YES NO GUN CASE: YES NO (HARD - SOFT)

EXTRA BBL FOR GUN MENTIONED ABOVE:

OTHER (Note in this area items missing or added from orig. equipment)

CUSTOMER REQUEST: Total Maintenance

SIGNATURE: [Signature] DATE: 18 MAR 96
 (Person delivering firearm to Plant)

SIGNATURE: [Signature] DATE: 3/18/96
 (Security Officer)

SIGNATURE: [Signature] DATE: 3/18/96
 (Firearm picked up by)

Arm Service Copy

New Barrel
Bolt

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225437

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		3/12/96	Rw
600	Proof		3/12/96	Rw
607	Check Headspace		3/12/96	Rw
610	Dis-assemble Gun		3/12/96	Rw
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		3/30/96	Rw
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		3/30/96	Rw
	C) Inspect Ejector Hole for Chamfer		3/30/96	Rw
	D) Oil Firing Pin Ass'y		3/30/96	Rw
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	BARBER M24 0060778	READINGS	DATE	INIT
625 cont.	F) Safety On Force			
	G) Safety Off Force			
	H) Trigger Pull Test & Retainability			
	I) Firing Pin Indent			
	J) Assemble Stock			
	K) Assemble Swivel Studs			
	L) Attach Front and Rear Sight Assemblies			
	M) Iron Sight Alignment			
	N) Detach Front & Rear Sights & place in numbered container			
	O) Attach Scope to Rifle			
	P) Detach & Attach Scope 20 Times			
640	Gallery Target & Test		3/29/96	WB
	A) Time			
	B) Malfunctions			
	C) Pierced Primers			
	D) Optical Clarity of Scope			
645	Inspect for Live Ammo		3/29/96	WB
655	Final Inspection			
	A) Headspace		4/2/96	RW
	B) Trigger Pull			
	C) Function		4/2/96	RW
660	Pack			

Final Inspection

Sn: C6225437	DATE REC'D: 3/18/96	DATE RET'D:
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Auditor: RW

Item:

Barrel Assy.

- ☒ BARREL
- ☒ RECEIVER
- ☒ FRONT SIGHT BLOCK
- ☒ REAR SIGHT BLOCK
- ☒ SCREWS
- ☒ FINISH

Scope Assy.

- ☐ Scope
- ☐ Scope Rings
- ☐ Mounting Screws
- ☐ Mounting Base
- ☐ Screws
- ☐ Finish
- ☐ Looseness
- ☐ CLARITY

Misc.

- ☐ DD-250
- ☐ BAR CODE
- ☐ PACKAGING

Item:

Stock Assy.

- ☒ STOCK
- ☒ SLING SWIVEL STUDS
- ☒ ADJUSTABLE BUTT PLATE
- ☒ LOCK NUTS
- ☒ BARREL CLEARANCE
- ☒ COLOR/FINISH

Systems Case

- ☐ Scope Case
- ☐ Iron SIGHTS
- ☐ Deployment Kit

Trigger

- ☒ SAFETY OPERATION
- ☒ SET
- ☐

Comments: _____

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225437
30 Jan 1988

CENTROIDAL DISTANCES

0 TO 1	.890755
1 TO 2	.19796
1 TO 3	.108157
1 TO 4	.249177
1 TO 5	.572965

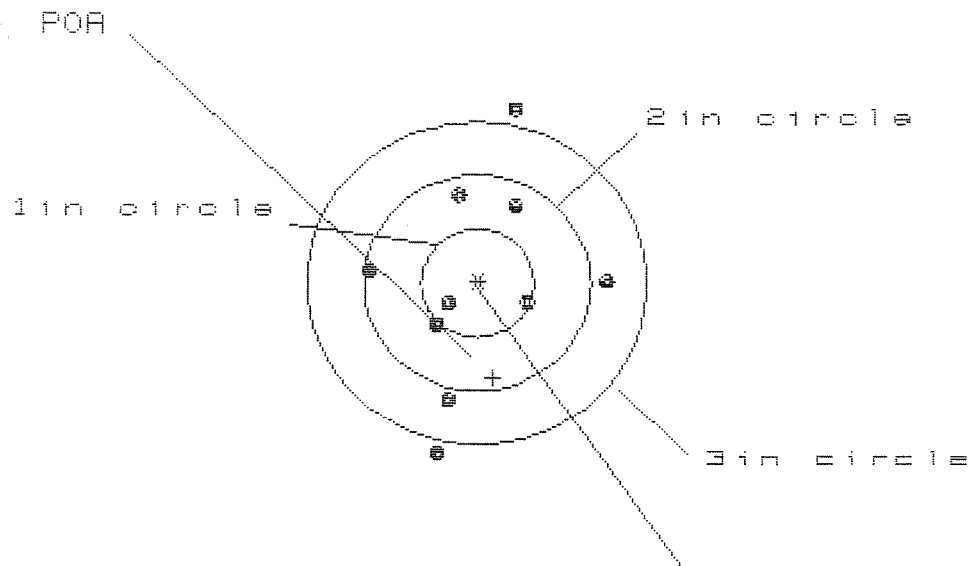
$\frac{0.890755}{5}$
+ -----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0196
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .7408
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .741059
THE AMR FOR THIS RIFLE IS: 1.067

30 Jan 1968

FILE:/PATTERNING/CENTERFIRE_PATT/06225437

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

HS= 2.091

VS= 3.238

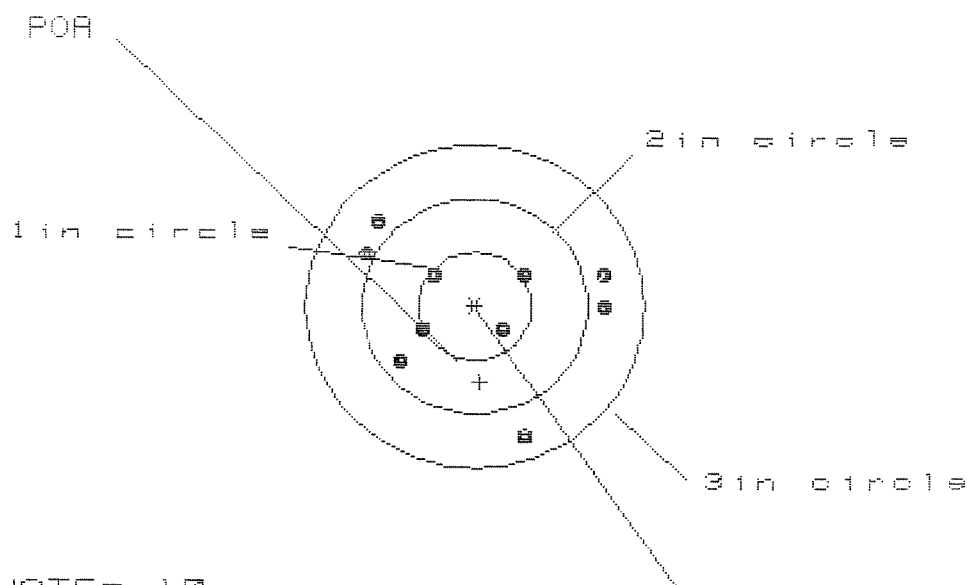
GS= 3.320

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.141	1.183	1.143
MINIMUM X	-.950	-.988	-.948
MAXIMUM Y	1.627	.996	.817
MINIMUM Y	-1.611	-1.430	-1.082
CENTROID X	-.138	-.180	-.140
CENTROID Y	.880	.699	.878
POA TO CENTROID in.	.891	.722	.889
MIN RADIUS	.283	.203	.280
MEAN RADIUS	.943	.844	.763
MAX RADIUS	1.670	1.464	1.144
HORIZONTAL SPREAD	2.091	2.091	2.091
VERTICAL SPREAD	3.238	2.426	1.899
EXTREME SPREAD	3.320	2.472	2.093
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

30 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8225437

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 5

3 in = 10

HS= 2.157

VS= 2.056

EC= 2.422

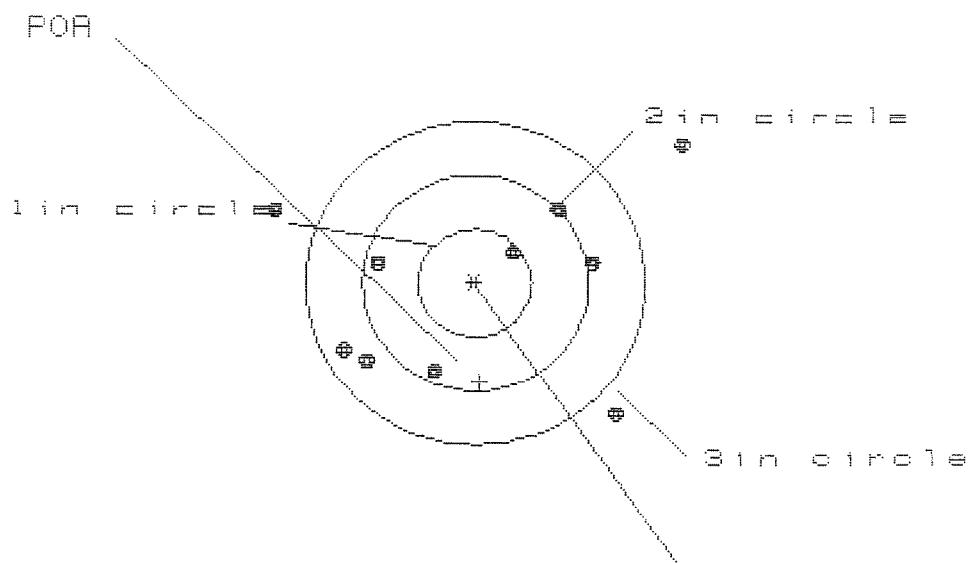
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.162	1.210	1.108
MINIMUM X	:	-.995	-.947	-1.049
MAXIMUM Y	:	.841	.706	.422
MINIMUM Y	:	-1.215	-.639	-.551
CENTROID X	:	-.040	-.088	.014
CENTROID Y	:	.708	.843	.755
POA TO CENTROID in.	:	.709	.848	.755
MIN RADIUS	:	.299	.341	.308
MEAN RADIUS	:	.850	.796	.752
MAX RADIUS	:	1.288	1.215	1.131
HORIZONTAL SPREAD	:	2.157	2.157	2.157
VERTICAL SPREAD	:	2.056	1.345	.973
EXTREME SPREAD	:	2.426	2.168	2.168
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

30 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8225437

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 4

3 in = 7

POA = 1.011

VS= 2.539

GS= 3.668

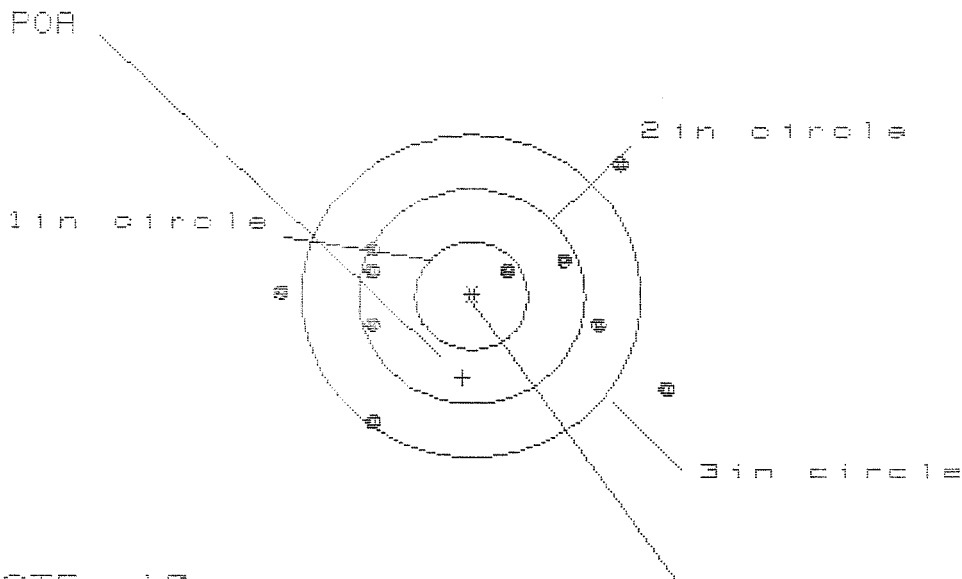
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.810	1.403	1.202
MINIMUM X	:	-1.808	-1.607	-1.205
MAXIMUM Y	:	1.317	.857	.952
MINIMUM Y	:	-1.222	-1.076	-.969
CENTROID X	:	-.035	-.236	-.035
CENTROID Y	:	.913	.767	.660
POA TO CENTROID in.	:	.914	.802	.661
MIN RADIUS	:	.463	.683	.650
MEAN RADIUS	:	1.267	1.140	1.051
MAX RADIUS	:	2.238	1.821	1.544
HORIZONTAL SPREAD	:	3.618	3.010	2.407
VERTICAL SPREAD	:	2.539	1.933	1.921
EXTREME SPREAD	:	3.668	3.577	2.486
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

30 Jan 1968

FILE:/PATTERNING/CENTERFIRE_PATT/06225437

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 2

3 in = 7

HS= 3.361

VS= 2.344

GS= 3.473

CENTROID *

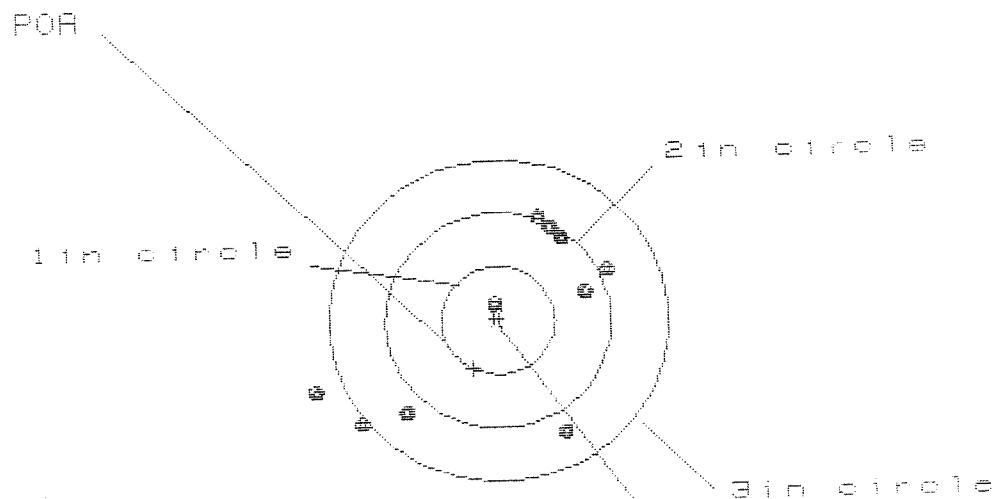
PATTERN #	4	4	4
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.704	1.530	1.484
MINIMUM X	-1.657	-1.468	-1.276
MAXIMUM Y	1.199	1.107	.499
MINIMUM Y	-1.145	-1.237	-1.099
CENTROID X	.082	-.107	-.298
CENTROID Y	.763	.855	.716
POA TO CENTROID in.	.768	.862	.776
MIN RADIUS	.341	.476	.520
MEAN RADIUS	1.201	1.102	.973
MAX RADIUS	1.893	1.889	1.494
HORIZONTAL SPREAD	3.361	2.998	2.761
VERTICAL SPREAD	2.344	2.344	1.597
EXTREME SPREAD	3.473	3.259	2.774
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	7		

30 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8225437

CENTERFIRE PATTERNS

5



OF SHOTS= 10

1 in = 1

2 in = 5

3 in = 8

HS= 2.613

VS= 1.941

GS= 2.854

CENTROID #

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.001	.822	.644
MINIMUM X	-1.612	-1.423	-1.217
MAXIMUM Y	.911	.839	.707
MINIMUM Y	-1.030	-1.102	-1.234
CENTROID X	.229	.408	.586
CENTROID Y	.440	.512	.644
POA TO CENTROID in.	.496	.655	.871
MIN RADIUS	.152	.258	.434
MEAN RADIUS	1.075	.964	.806
MAX RADIUS	1.740	1.771	1.577
HORIZONTAL SPREAD	2.613	2.245	1.961
VERTICAL SPREAD	1.941	1.941	1.941
EXTREME SPREAD	2.854	2.686	2.266
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

MAINTENANCE REQUEST				PAGE /	REQUIREMENTS CONTROL	CONTROL NUMBER
For use of this form, see DA PAM 738-750, the proponent agency is DCSLOG				OF /	SYMBOL CSGLD - 1047	
SECTION I - CUSTOMER DATA				SECTION II - MAINTENANCE ACTIVITY DATA		
1a. WORK ORDER NO.	b. CUSTOMER UNIT NAME	c. PHONE NO.	3a. WORK ORDER NO (WON)	b. SHOP	c. PHONE NO.	
010101013	14-104 SFA (A)	4312-349				
2. If Intransit Customer, enter data in Blocks 2a and 2b	2a. SAMS-2 UIC	b. UTILIZATION CODE	4a. UIC SUPPORT	b. SUPPORT UNIT NAME		
	44019A10					
SECTION III - EQUIPMENT DATA						
5. ID	6. NSN	15. FAILURE DETECTED DURING (Select one - use / or X)				
1100510112410211361		☐ A Sch. Main. ☐ C Test ☐ E Storage ☐ G Flight				
7. TYPE MNT. REQ. CODE	8. MODEL	☒ B Handling ☐ D Normal Op ☐ F Inspection ☐ H Other				
	Remington B/A					
	M24 7.62 SWS					
9. NOUN	16a. MILES/KILOMETERS (Enter or x)		b. HOURS	c. ROUNDS		
M24 SWS 7.62 Rifle	MI KM			810001		
10a. ORG WON	b. EIC	d. LANDINGS	e. AUTO ROTATIONS	17. PROJ. CODE (If Assigned)	18. ACCT PROCESSING CODE	
11. SERIAL NUMBER	b. QTY.	13. PD	19. IN WARRANTY? (Y or N)	20. LEVEL OF WORK (Select one - use / or X)		
061225437	1001		Yes	☐ O Unit Level ☐ H Intermediate General Spt. ☐ I Special Repair Activity		
24. Describe Deficiencies or Symptoms on the basis of Complete Checkout and Diagnostic Procedure in Equipment TM (Do not prescribe repairs.)			☐ F Immediate Direct Spt.	☒ D Depot	Remington N.Y.	
Barrel Replaced Bolt Refurbished Trigger Adjusted			21. BUMPER NO./TAIL NO.			
			22. REIMBURSABLE CUSTOMER? (If Intransit Customer, enter Y or N)			
			N			
			23. PD AUTHENTICATION SIGNATURE (Payroll Signature)			
PREPARATION INSTRUCTIONS						
SECTION I -			SECTION III (Continued) -			
Block 1a.	Enter UIC of submitting organization.		Block 14.	Leave blank.		
Block 1b.	Enter name of submitting organization.		Block 15.	Select one. Use a " / or x" to indicate when failure was detected.		
Block 1c.	Enter number to be called when maintenance is completed.		Block 16.	Enter the accumulated usage data in block 16a through 16e, when equipment is subject to usage reporting.		
Block 2b.	Enter UIC of supporting SAMS-2 if work is requested while intransit and away from your support maintenance unit.		Block 17.	Enter the project code if one has been assigned. If not, leave blank.		
Block 2c.	Enter equipment utilization code under which Materiel Condition Status is reported. See SAMS Codes and Tables.		Block 18.	Leave blank (for DSU/GSU use).		
SECTION II -			Block 19.	Enter a "Y" or "N" to indicate whether equipment is still under manufacturer's warranty.		
Leave blank.	To be completed by the support maintenance DSU/GSU.		Block 20.	Select one. Use a " / or x" to indicate the level of work to be performed on equipment submitted. See SAMS Codes and Tables.		
SECTION III -			Block 21.	Enter the bumper number or admin. number assigned for property control purposes to the equipment being submitted.		
Block 5.	Enter the Type Maintenance Request Code. See SAMS Codes and Tables.		Block 22.	Leave blank (for DSU/GSU use).		
Block 6.	Enter ID associated with block 7. See SAMS Codes and Tables.		Block 23.	Enter the payroll signature of the CO or the CO's designated representative when the priority designator is 01-10. For priority designators 11-15, leave blank.		
Block 7.	Enter the NSN or stock number of the item being submitted.		Block 24.	Enter a brief description of the deficiencies or symptoms that you feel require attention at this level of maintenance.		
Block 8.	Enter model of item being submitted.					
Block 9.	Enter noun/nomenclature of item being submitted.					
Block 10a.	Enter Work Order Number (WON) assigned when item submitted is reportable for MCSR. Otherwise, leave blank.					
Block 10b.	Enter EIC (left justify).					
Block 11.	Enter serial number of item being submitted.					
Block 12.	Enter the quantity of items being submitted.					
Block 13.	Enter the maintenance priority designator determined from SAMS Codes and Tables.					
34a. SUBMITTED BY	35a. ACCEPTED BY		Block 34a.	Enter signature of submitter.		
b. ORD DATE	b. ST	c. ORD DATE	Block 34b.	Enter Ordinal Date submitted (YYDDD).		
916101514			Block 35a.	Enter signature of person accepting the maintenance request.		
		d. MIL TIME	Block 35b.	Enter the status.		
			Block 35c.	Enter Ordinal Date accepted (YYDDD).		
			Block 35d.	Enter Military Time.		

BBL - 96003

Arms Services Repair & Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: **RE00009404** Serial: C6225437 Model 700 Center Fire Caliber: 7.62 NATO M-24 (SWS) Repairman: Status: New 5/18/00 8:42:31 AM

Verify Repair

Address Information

Customer: Received From Return To: Received From

Name: DEF DIST DEPOT ANNISTON DEF DIST DEPOT ANNISTON

Address 1: Address 2: PO Box: PO Box:

City: ANNISTON ANNISTON

State: AL Zip Code: 362014199 Country: US State: AL Zip Code: 362014199 Country: US

FFL:

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: Fax: Email: Comments:

Received Condition

Pool Condition Notes: CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	2
A008	With Swivel	2
A010	Hard Case	1
A017	Scope Base	1

Repair Search Refresh Close

nagletj 5/18/00 12:14 PM CAPS NUM INS SCRL

Start Inb... Micr... SA... Nag... Audit R&... Ar... Prin... Re... 12:14 PM

Serial Number: **C6225437**Model: **700****RE00009404**

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

**CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON**

BARBER - M24 0660988

Final Inspection

S.N.:

DATE REC'D:

DATE RET'D:

Auditor: RW

Item:

Barrel Assy.

- ☒ BARREL
- ☒ RECEIVER
- ☒ FRONT SIGHT BLOCK
- ☒ REAR SIGHT BLOCK
- ☒ SCREWS
- ☒ FINISH

Scope Assy.

- ☐ Scope
- ☐ Scope Rings
- ☐ Mounting Screws
- ☒ Mounting Base
- ☒ Screws
- ☒ Finish
- ☐ Looseness
- ☐ CLARITY

Misc.

- ☐ DD-250
- ☐ BAR CODE
- ☐ PACKAGING

Item:

Stock Assy.

- ☒ STOCK
- ☒ SLING SWIVEL STUDS
- ☒ ADJUSTABLE BUTT PLATE
- ☒ LOCK NUTS
- ☒ BARREL CLEARANCE
- ☒ COLOR/FINISH

Systems Case

- ☐ Scope Case
- ☐ Iron SIGHTS
- ☐ Deployment Kit

Trigger

- ☒ SAFETY OPERATION
- ☒ SET
- ☐

Comments:

BARBER - M24 0060790

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225437
19 Jul 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0176
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0856
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0873906

THE AMR FOR THIS RIFLE IS: 1.047

CENTROIDAL DISTANCES

0 TO	1	.129553
1 TO	2	.315317
1 TO	3	.683006
1 TO	4	.174428
1 TO	5	.137612

3

²
+54 <----POA

BARBER - M24 0060791

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 1 ☐

POA TO CENTROID: .130

MIN RADIUS : .415

MEAN RADIUS : .929

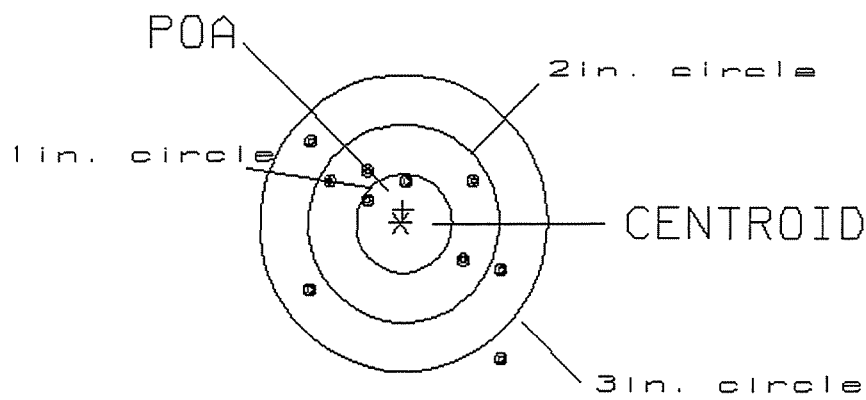
MAX RADIUS : 1.720

CENTROID X : -.020

CENTROID Y : -.128

18 Jul 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225437

CENTERFIRE PATTERN # 1

OF SHOTS= 10

IN CIRCLE

HS= 2.02

2

VS= 2.27

6

GS= 2.98

9

BARBER - M24 0060792

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 2 ☐

POA TO CENTROID: .212

MIN RADIUS : .361

MEAN RADIUS : 1.039

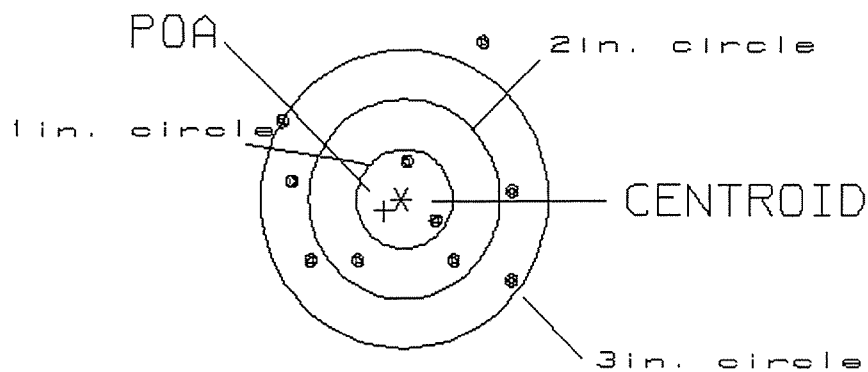
MAX RADIUS : 1.769

CENTROID X : .176

CENTROID Y : .119

18 Jul 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225437

CENTERFIRE PATTERN # 2

OF SHOTS= 10

IN CIRCLE

HS= 2.38

2

VS= 2.36

4

GS= 2.85

9

BARBER - M24 0060793

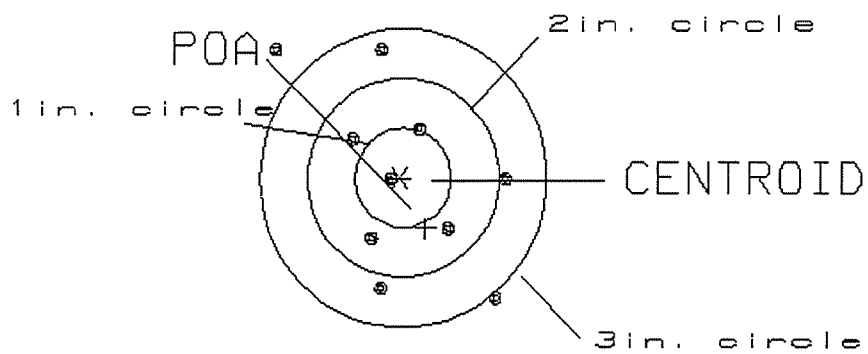
REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 3 ☐
POA TO CENTROID: .575
MIN RADIUS : .146
MEAN RADIUS : .960
MAX RADIUS : 1.871
CENTROID X : -.269
CENTROID Y : .508

18 Jul 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225437

CENTERFIRE PATTERN # 3

OF SHOTS= 10

IN CIRCLE

HS= 2.44

1

VS= 2.51

5

GS= 3.40

8

BARBER - M24 0060794

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 4 ☐

POA TO CENTROID: .146

MIN RADIUS : .525

MEAN RADIUS : 1.393

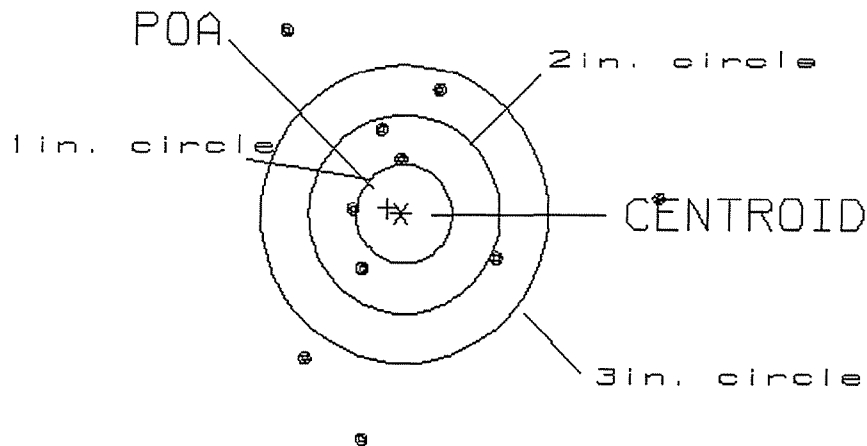
MAX RADIUS : 2.647

CENTROID X : .137

CENTROID Y : -.052

18 Jul 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225437

CENTERFIRE PATTERN # 4

OF SHOTS= 10

IN CIRCLE

HS= 3.92

0

VS= 4.06

4

GS= 4.26

6

BARBER - M24 0060795

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 5 ☐

POA TO CENTROID: .067

MIN RADIUS : .283

MEAN RADIUS : .916

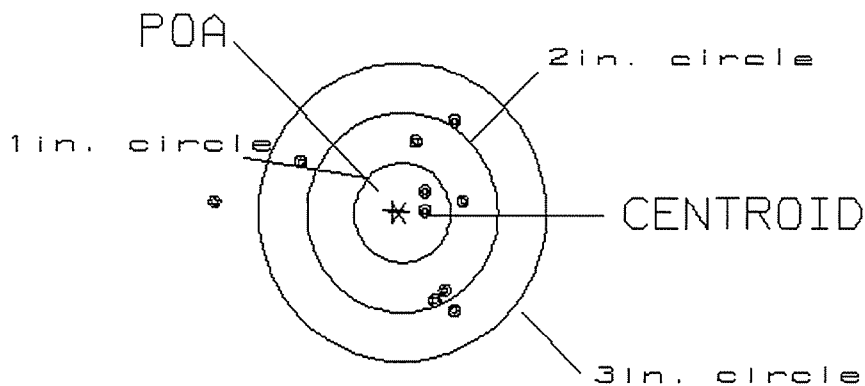
MAX RADIUS : 2.005

CENTROID X : .064

CENTROID Y : -.019

18 Jul 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225437

CENTERFIRE PATTERN # 5

OF SHOTS= 10

IN CIRCLE

HS= 2.64

2

VS= 1.90

6

GS= 2.74

9

Arms Services Repair & Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: RE00131893

Serial: C6225437 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 7/30/2007 10:54:45 AM

Address Information

Customer:	☒ Received From	Return To:	☐ Received From
Name:	A CO 1/10SF BN		
Address 1:	PANZER KASERNE		
Address 2:	APD	PO Box:	
City:	WH0940		
State:	AE	Zip Code:	09107
Country:	IT	State:	AE
		Zip Code:	09107
		Country:	IT

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NN
Fax:
Email:
Comments:

Received Condition

Fair
Condition:
Notes:
CSR:
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

7/30/2007

12:51 PM

CAPS

NUM

INS

SCRL



4 Micro...

6 Inter...

RAC0179...

Part Sear...

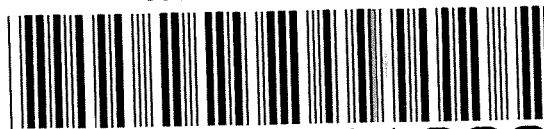
Arms Ser...



12:51 PM

Serial Number: C6225437

Model: M24 SWS



RE00131893

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225437.___0
FILE DATE AND TIME: 09/27/2007 21:14

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

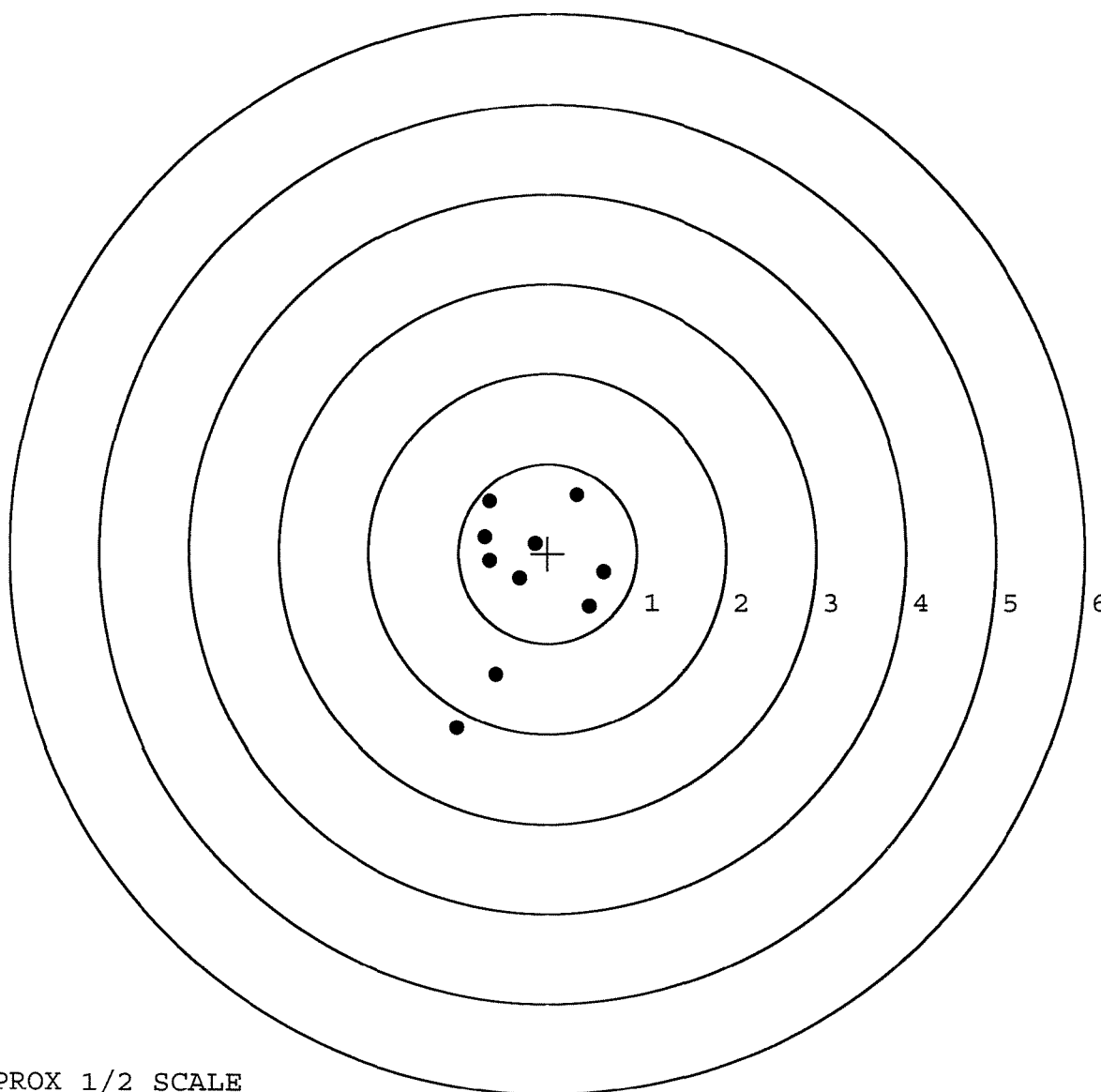
The Average X Centroid of the Five Target Set:	-0.069
The Average Y Centroid of the Five Target Set:	-0.116
The Average Point of Impact of the Five Target Set:	0.135
The Average Mean Radius of the Five Target Set:	0.842
The Distance from POA to Centroid Target #1:	0.394
The Distance from Centroid Target #2 to Centroid Target #1:	0.432
The Distance from Centroid Target #3 to Centroid Target #1:	0.527
The Distance from Centroid Target #4 to Centroid Target #1:	0.266
The Distance from Centroid Target #5 to Centroid Target #1:	0.189

BARBER - M24 0060798

SERIAL NUMBER: C6225437. __0
TARGET NUMBER: 1
FILE DATE: 09/27/2007
FILE TIME: 21:14

POINT#	X	Y
1:	-0.652	0.581
2:	-0.648	-0.085
3:	-0.144	0.108
4:	-0.318	-0.274
5:	0.333	0.651
6:	0.627	-0.209
7:	0.469	-0.599
8:	-0.585	-1.343
9:	-1.025	-1.936
10:	-0.700	0.180

X CENTROID: -0.264
Y CENTROID: -0.293
POA TO CENTROID: 0.394
HORZ SPREAD: 1.652
VERT SPREAD: 2.587
GROUP SPREAD: 2.922
MIN RADIUS: 0.057
MAX RADIUS: 1.811
MEAN RADIUS: 0.823
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9



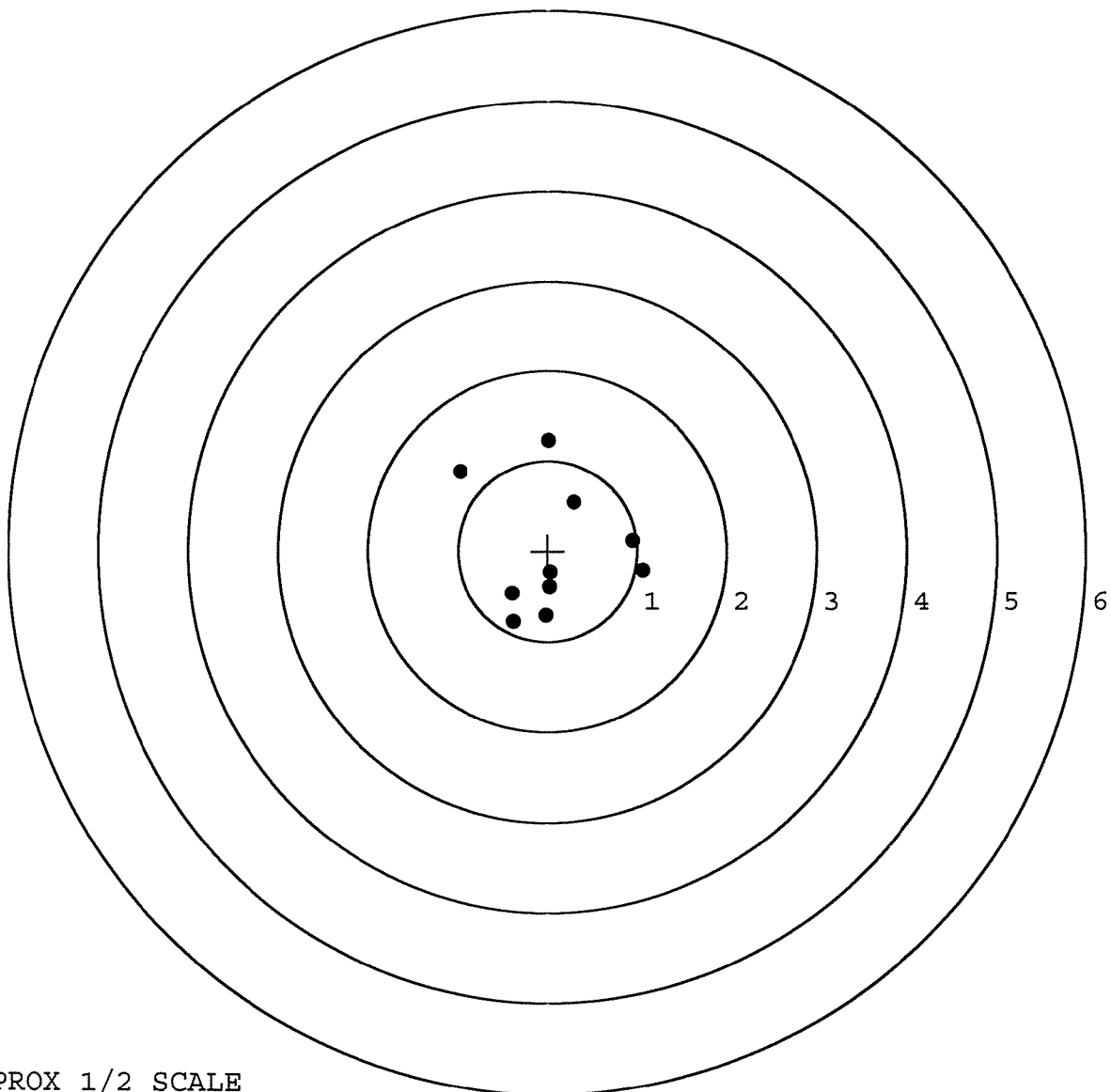
TARGET APPROX 1/2 SCALE

BARBER - M24 0060799

SERIAL NUMBER: C6225437. __0
TARGET NUMBER: 2
FILE DATE: 09/27/2007
FILE TIME: 21:14

POINT#	X	Y
1:	0.011	1.222
2:	0.300	0.534
3:	0.952	0.114
4:	1.064	-0.215
5:	-0.974	0.878
6:	0.027	-0.238
7:	0.022	-0.396
8:	-0.396	-0.468
9:	-0.385	-0.785
10:	-0.021	-0.717

X CENTROID: 0.060
Y CENTROID: -0.007
POA TO CENTROID: 0.060
HORZ SPREAD: 2.038
VERT SPREAD: 2.007
GROUP SPREAD: 2.313
MIN RADIUS: 0.233
MAX RADIUS: 1.361
MEAN RADIUS: 0.799
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10



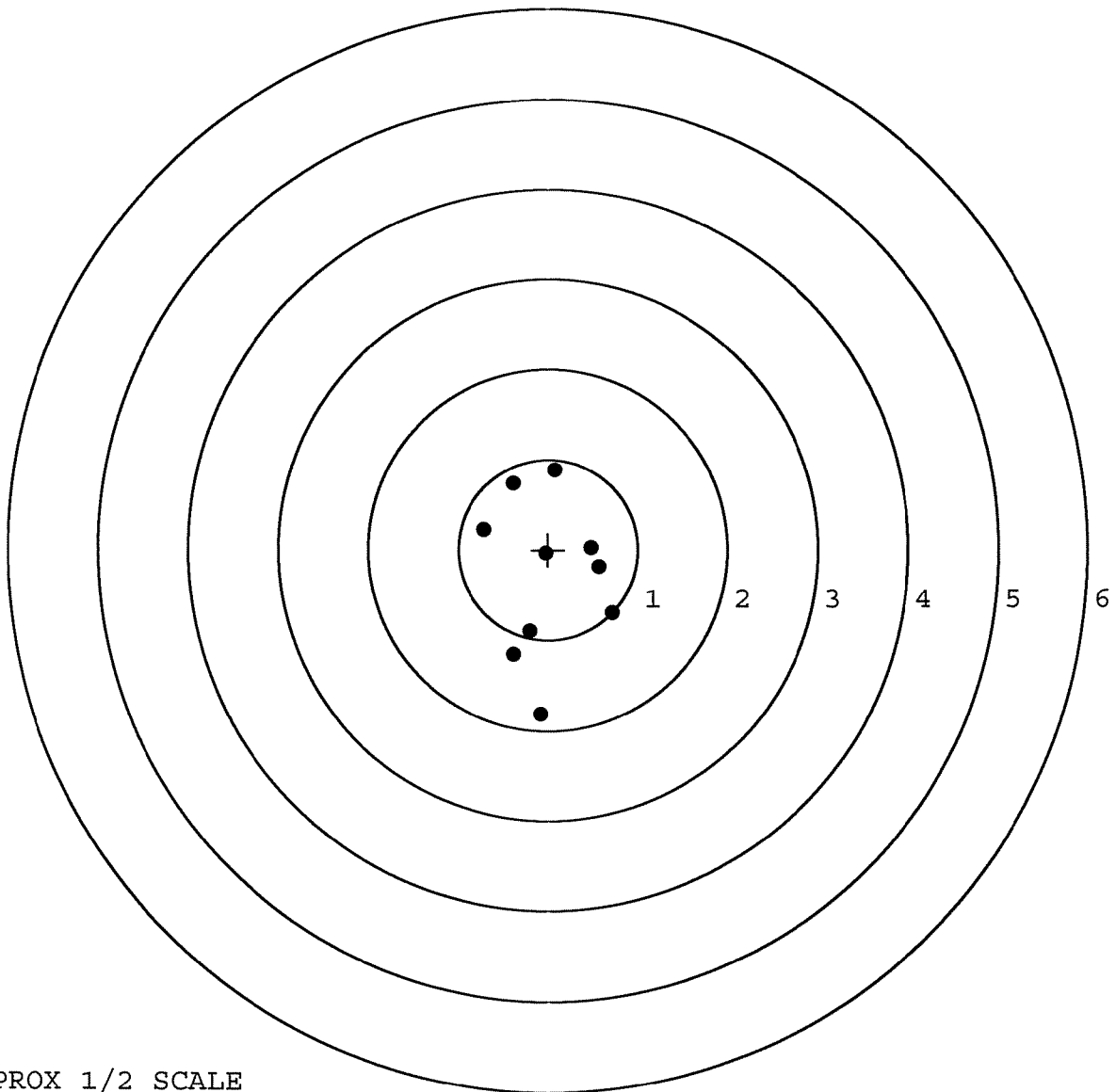
TARGET APPROX 1/2 SCALE

BARBER - M24 0060800

SERIAL NUMBER: C6225437. 0
TARGET NUMBER: 4
FILE DATE: 09/27/2007
FILE TIME: 21:14

	POINT#	X	Y
	1:	0.076	0.885
	2:	-0.387	0.739
	3:	-0.718	0.226
	4:	-0.028	-0.043
	5:	0.486	0.024
	6:	0.568	-0.194
	7:	0.717	-0.713
	8:	-0.212	-0.912
	9:	-0.393	-1.161
	10:	-0.088	-1.822

X CENTROID: 0.002
Y CENTROID: -0.297
POA TO CENTROID: 0.297
HORZ SPREAD: 1.435
VERT SPREAD: 2.707
GROUP SPREAD: 2.712
MIN RADIUS: 0.256
MAX RADIUS: 1.528
MEAN RADIUS: 0.855
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9



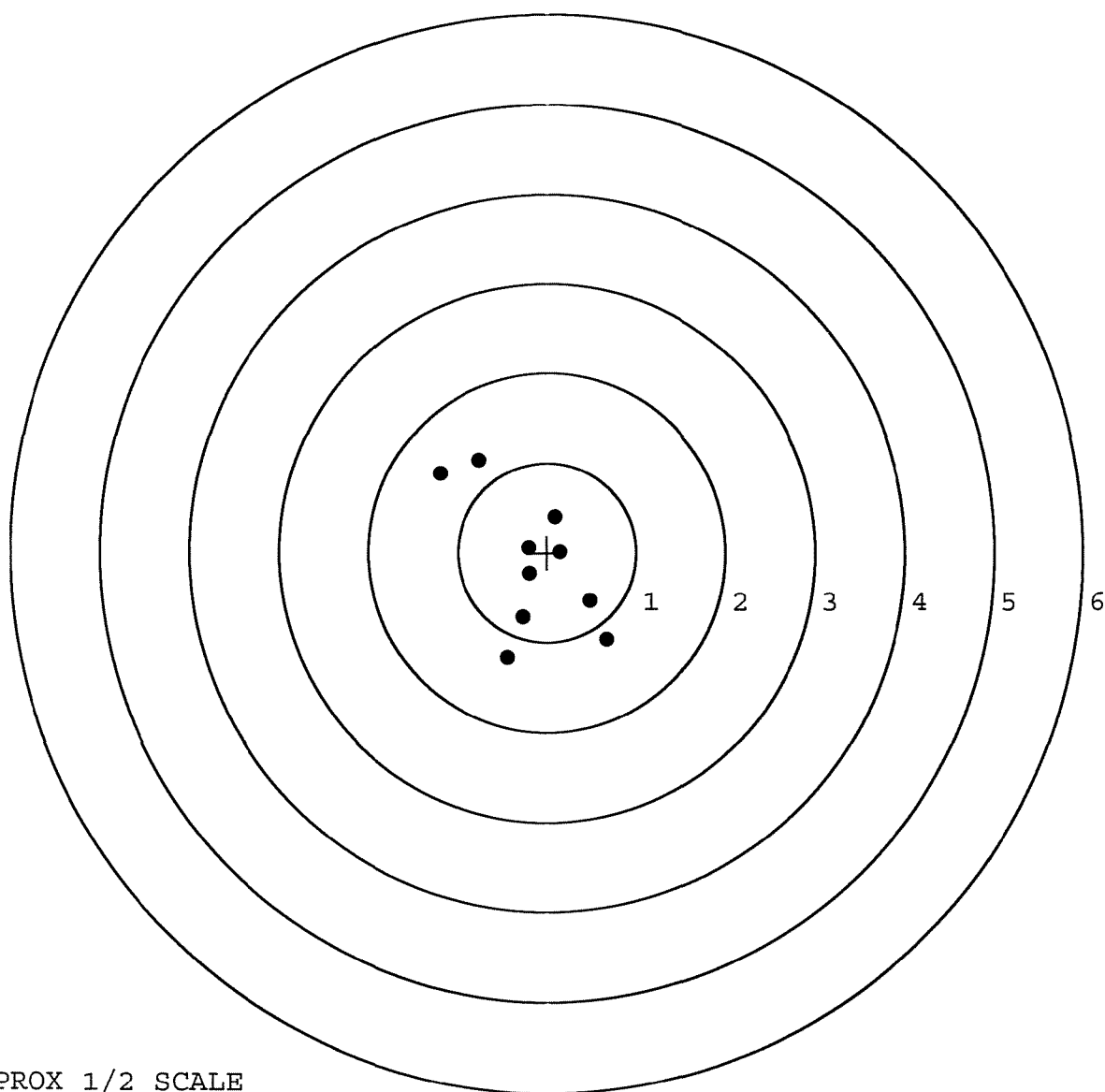
TARGET APPROX 1/2 SCALE

BARBER - M24 0060801

SERIAL NUMBER: C6225437. __0
 TARGET NUMBER: 5
 FILE DATE: 09/27/2007
 FILE TIME: 21:14

POINT#	X	Y
1:	-1.195	0.881
2:	-0.761	1.027
3:	0.087	0.394
4:	0.143	0.013
5:	-0.208	0.059
6:	-0.201	-0.234
7:	-0.280	-0.723
8:	-0.449	-1.180
9:	0.486	-0.545
10:	0.667	-0.977

X CENTROID: -0.171
 Y CENTROID: -0.128
 POA TO CENTROID: 0.214
 HORZ SPREAD: 1.862
 VERT SPREAD: 2.207
 GROUP SPREAD: 2.630
 MIN RADIUS: 0.110
 MAX RADIUS: 1.438
 MEAN RADIUS: 0.763
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 10

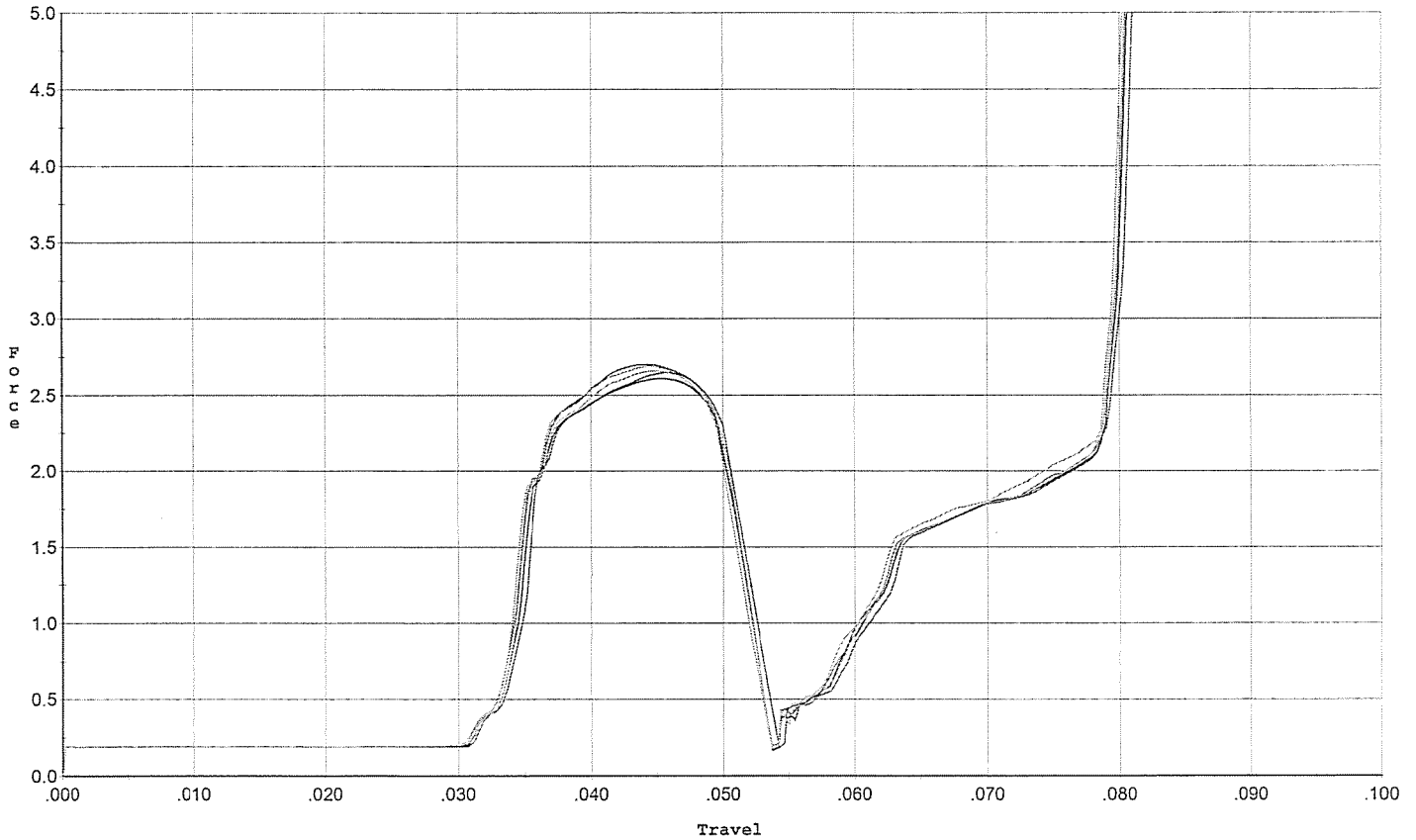


TARGET APPROX 1/2 SCALE

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/8/07

Model: M/24
Serial No: Form #F005
Trigger: 2.5 lbs. ini. +/- .50 lbs.



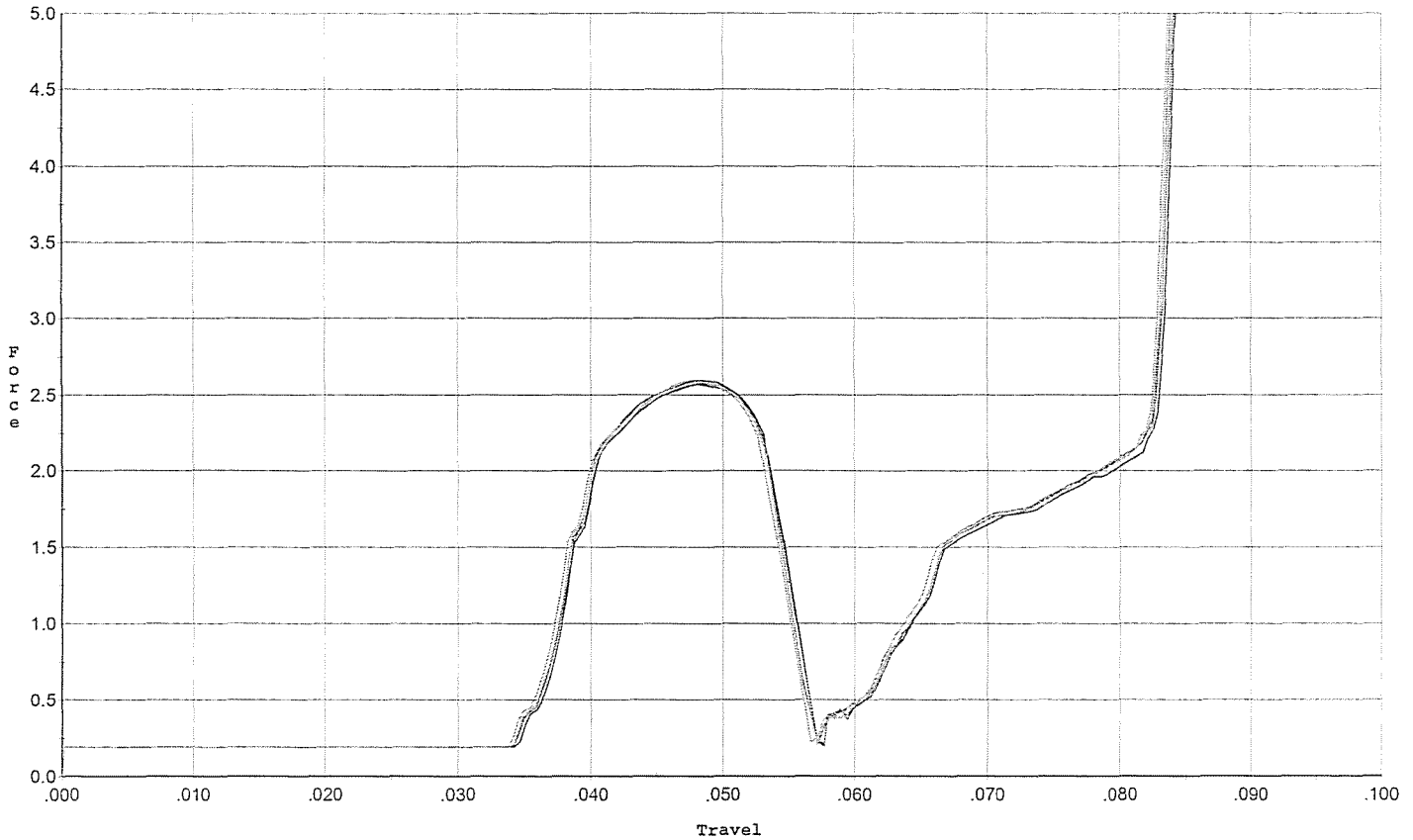
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.649	0.052	0.032	0.035	0.048		Set Trigger
2	2.610	0.051	0.031	0.035	0.046		Set Trigger
3	2.703	0.051	0.031	0.035	0.048		Set Trigger
4	2.661	0.050	0.031	0.035	0.047		Set Trigger
5	2.693	0.050	0.031	0.035	0.046		Set Trigger

AVG 2.66

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/8/07

Model: M/24
Serial No: Form #F005
Trigger: 2.5 lbs. after 50 cycles +/- .50 lbs.



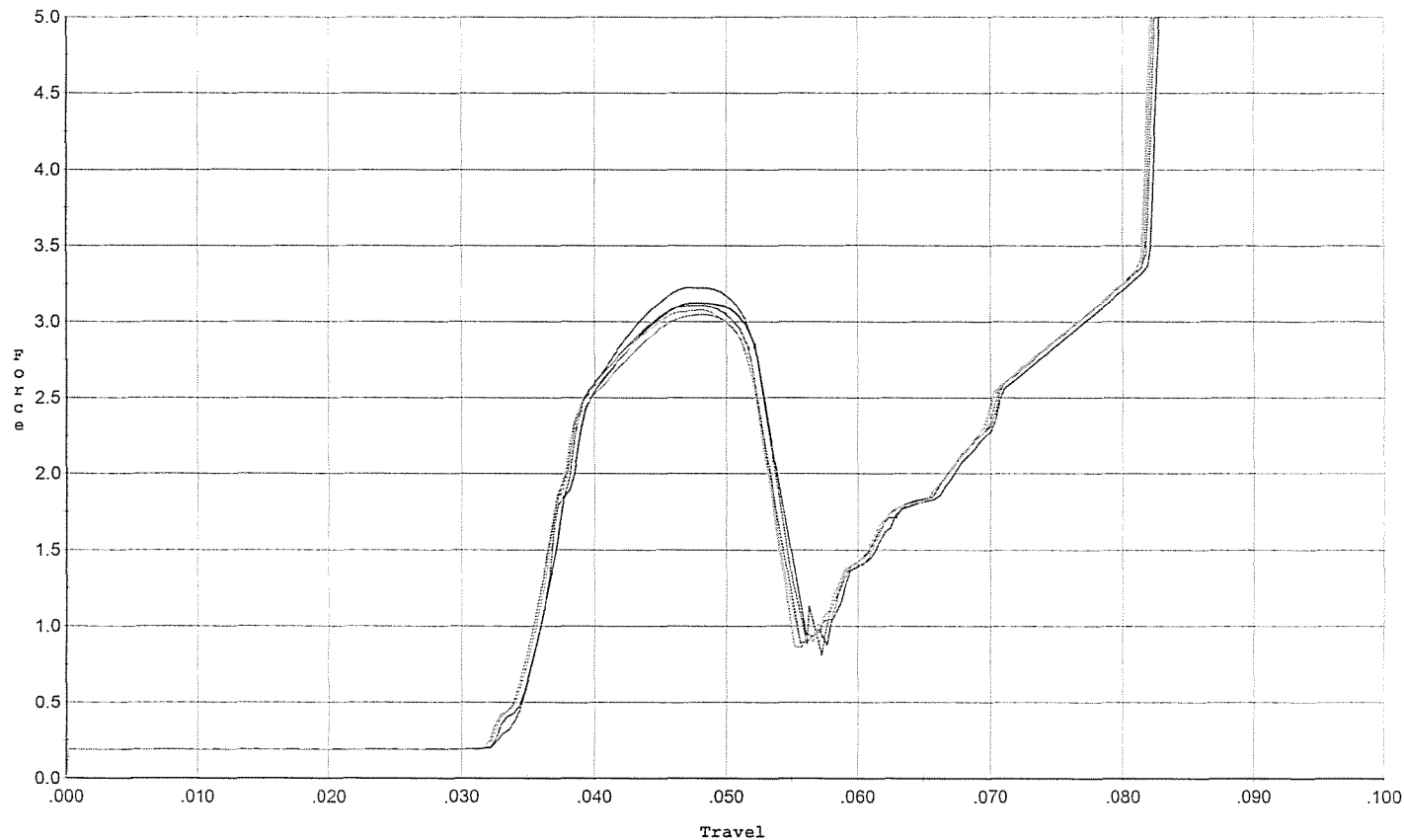
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.593	0.053	0.035	0.036	0.045		Set Trigger
2	2.573	0.055	0.035	0.036	0.046		Set Trigger
3	2.569	0.055	0.035	0.036	0.047		Set Trigger
4	2.594	0.053	0.035	0.036	0.045		Set Trigger
5	2.595	0.054	0.034	0.036	0.046		Set Trigger

AVG 2.58

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/8/07

Model: M/24
Serial No: Form #F005
Trigger: 3.0 lbs. ini. +/- .75 lbs.



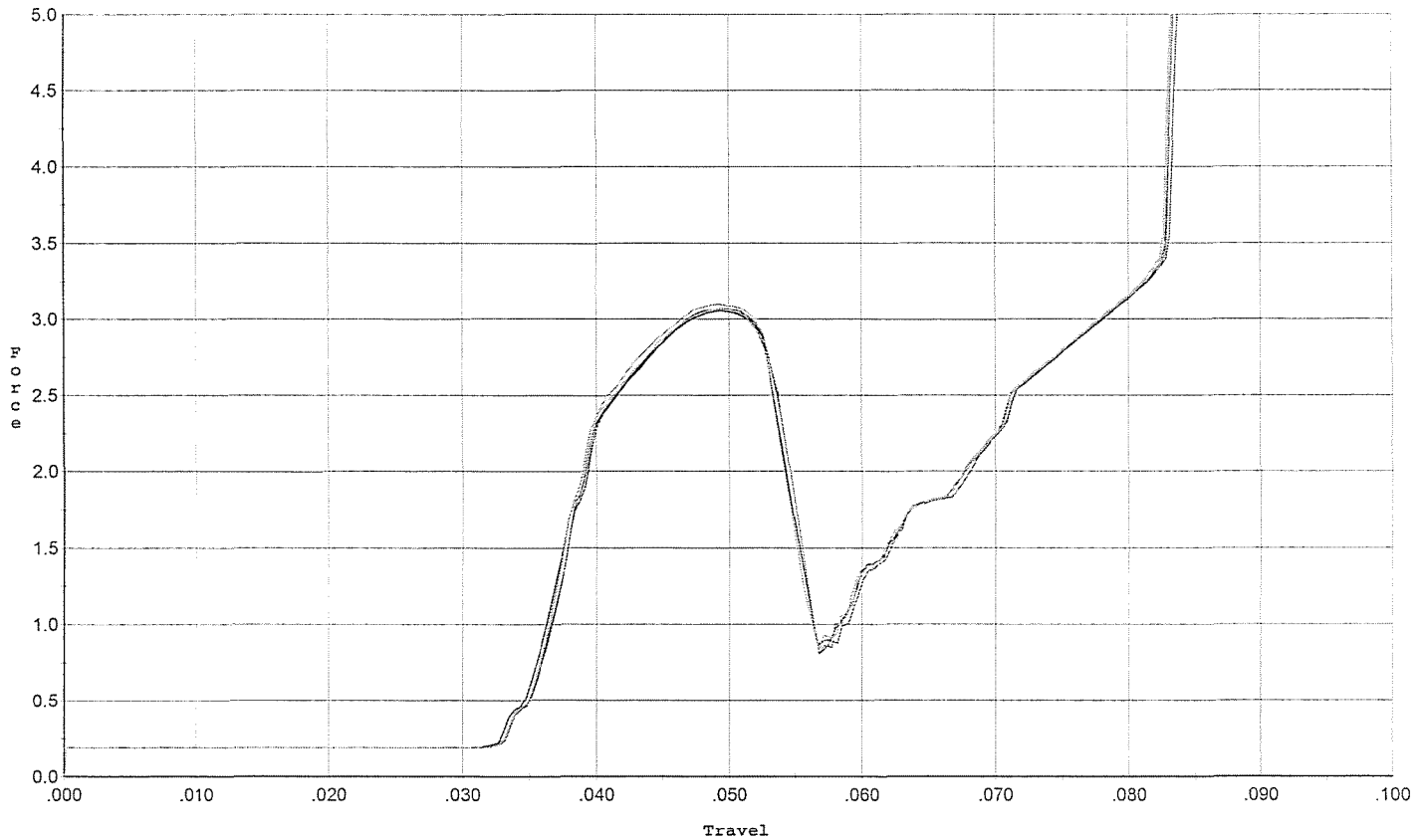
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.226	0.052	0.034	0.035	0.055		Set Trigger
2	3.126	0.052	0.033	0.035	0.054		Set Trigger
3	3.111	0.052	0.032	0.035	0.054		Set Trigger
4	3.077	0.052	0.032	0.035	0.054		Set Trigger
5	3.049	0.052	0.033	0.035	0.053		Set Trigger

AVG 3.11

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/8/07

Model: M/24
Serial No: Form #F005
Trigger: 3.0 lbs. after 20 cycles +/- .75 lbs.



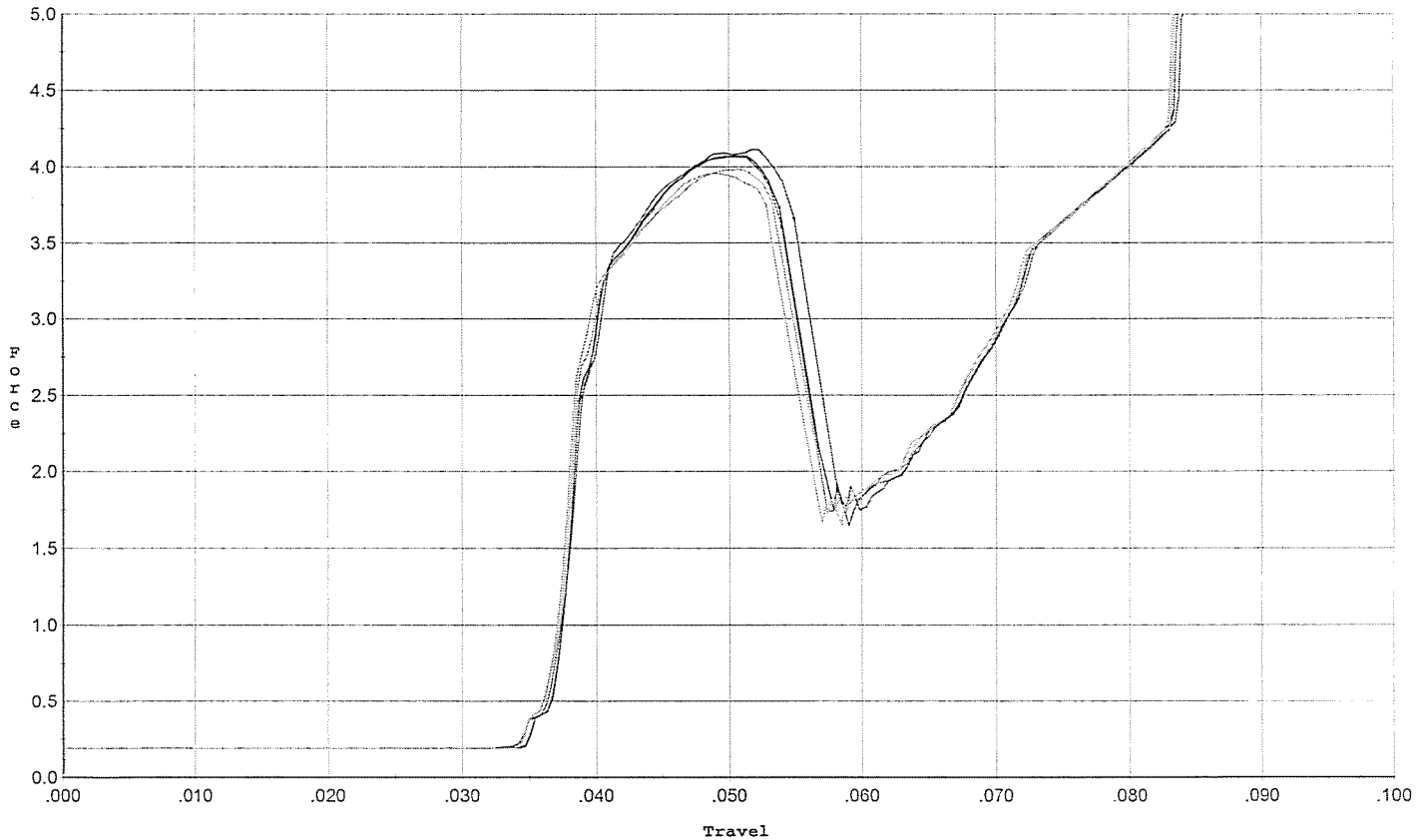
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.074	0.054	0.034	0.035	0.054		Set Trigger
2	3.058	0.053	0.033	0.035	0.053		Set Trigger
3	3.071	0.054	0.034	0.035	0.054		Set Trigger
4	3.102	0.054	0.033	0.035	0.055		Set Trigger
5	3.072	0.053	0.033	0.035	0.053		Set Trigger

AVG 3.07

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/8/07

Model: M/24
Serial No: Form #F005
Trigger: 4.0 lbs. ini. +/- 1.0 lbs.



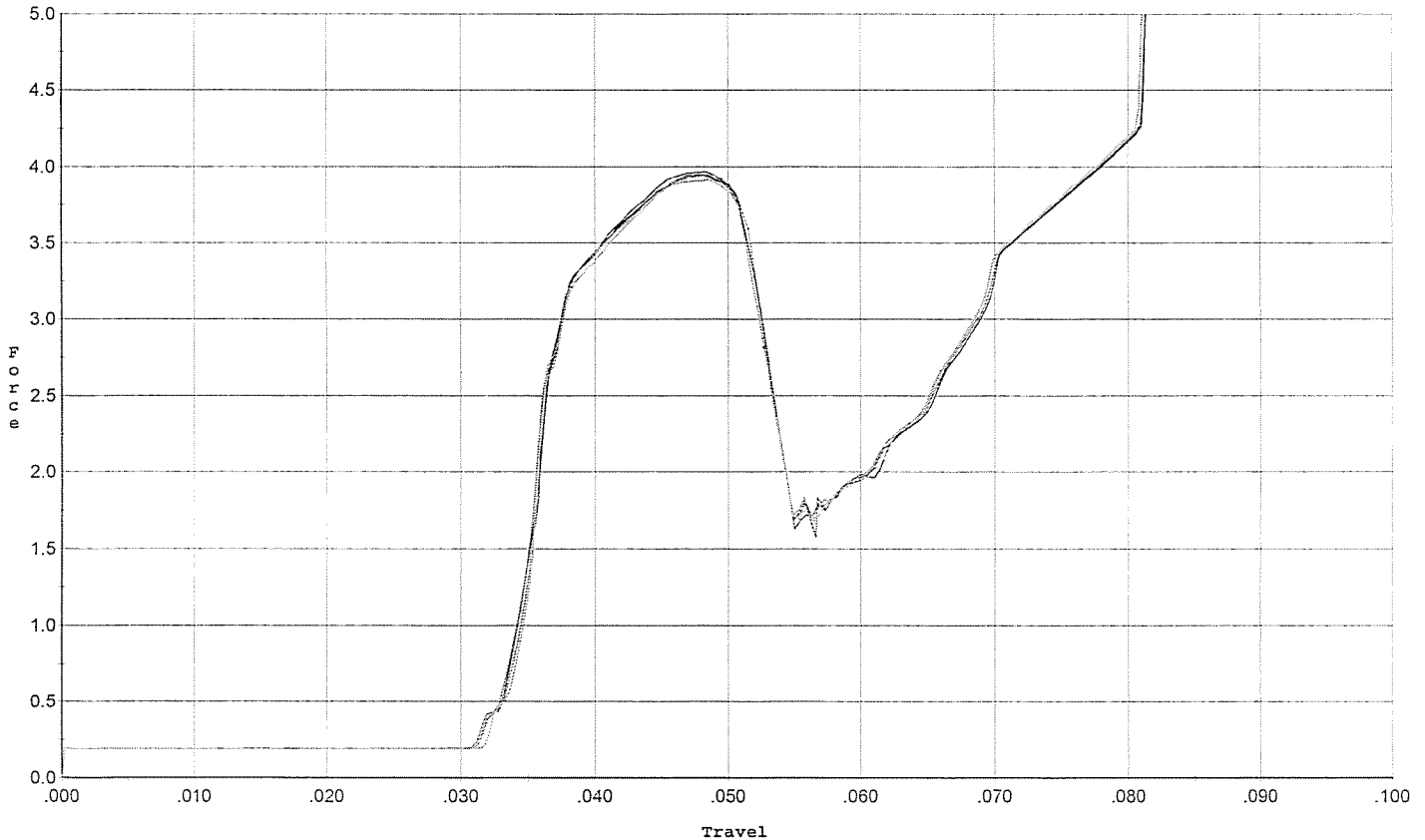
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.115	0.055	0.035	0.033	0.074		Set Trigger
2	4.073	0.054	0.035	0.034	0.070		Set Trigger
3	4.064	0.054	0.035	0.034	0.070		Set Trigger
4	3.958	0.053	0.035	0.034	0.067		Set Trigger
5	3.983	0.055	0.035	0.033	0.072		Set Trigger

AVG 4.03

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/8/07

Model: M/24
Serial No: Form #F005
Trigger: 4.0 lbs. after cycles +/- 1.0 lbs.



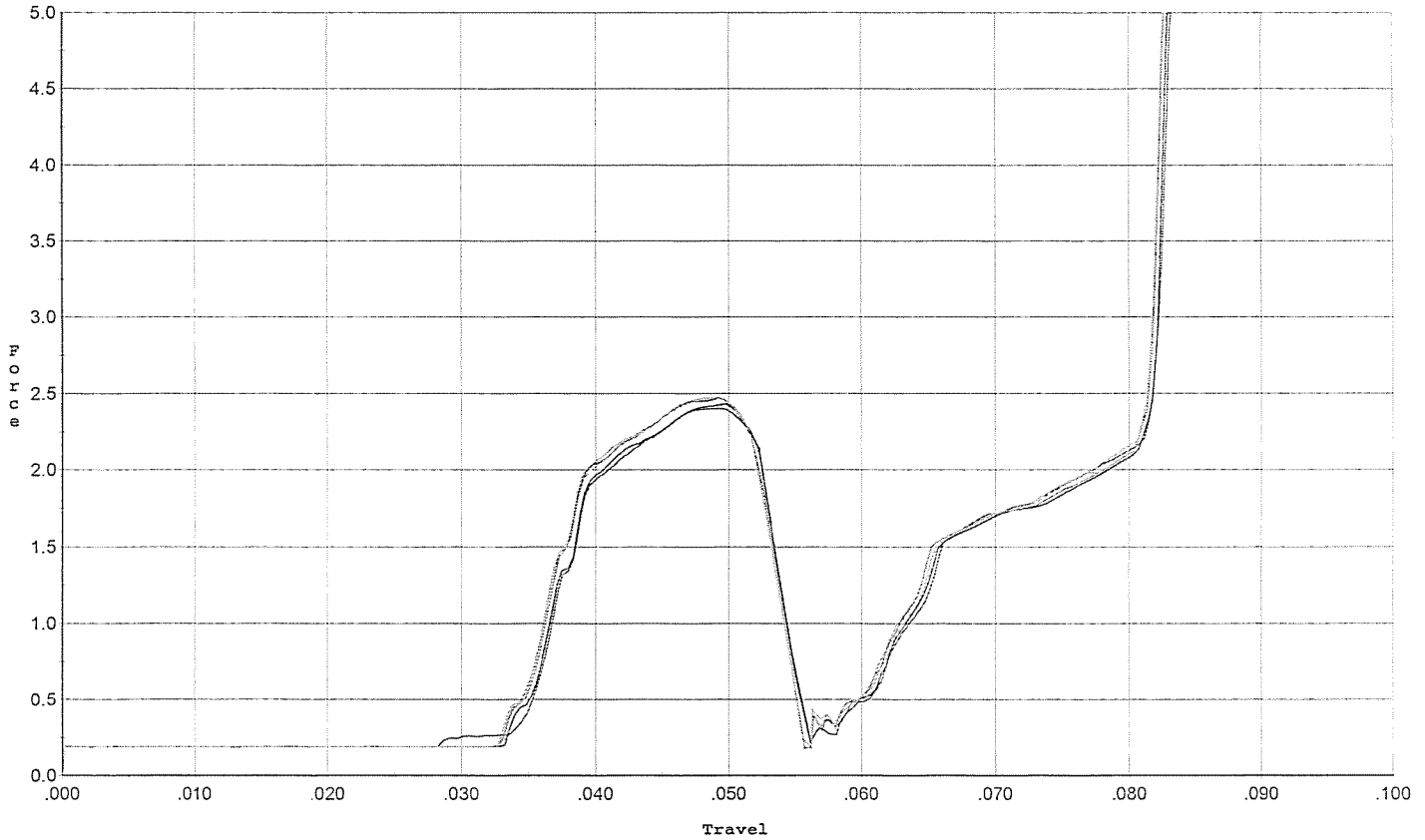
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.966	0.052	0.032	0.033	0.070		Set Trigger
2	3.950	0.053	0.032	0.033	0.071		Set Trigger
3	3.945	0.053	0.031	0.033	0.071		Set Trigger
4	3.914	0.053	0.032	0.033	0.070		Set Trigger
5	3.950	0.052	0.032	0.033	0.069		Set Trigger

AVG 3.94

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/8/07

Model: M/24
Serial No: Form #F005
Trigger: reset to 2.5 lbs. +/- .50 lbs. for final test



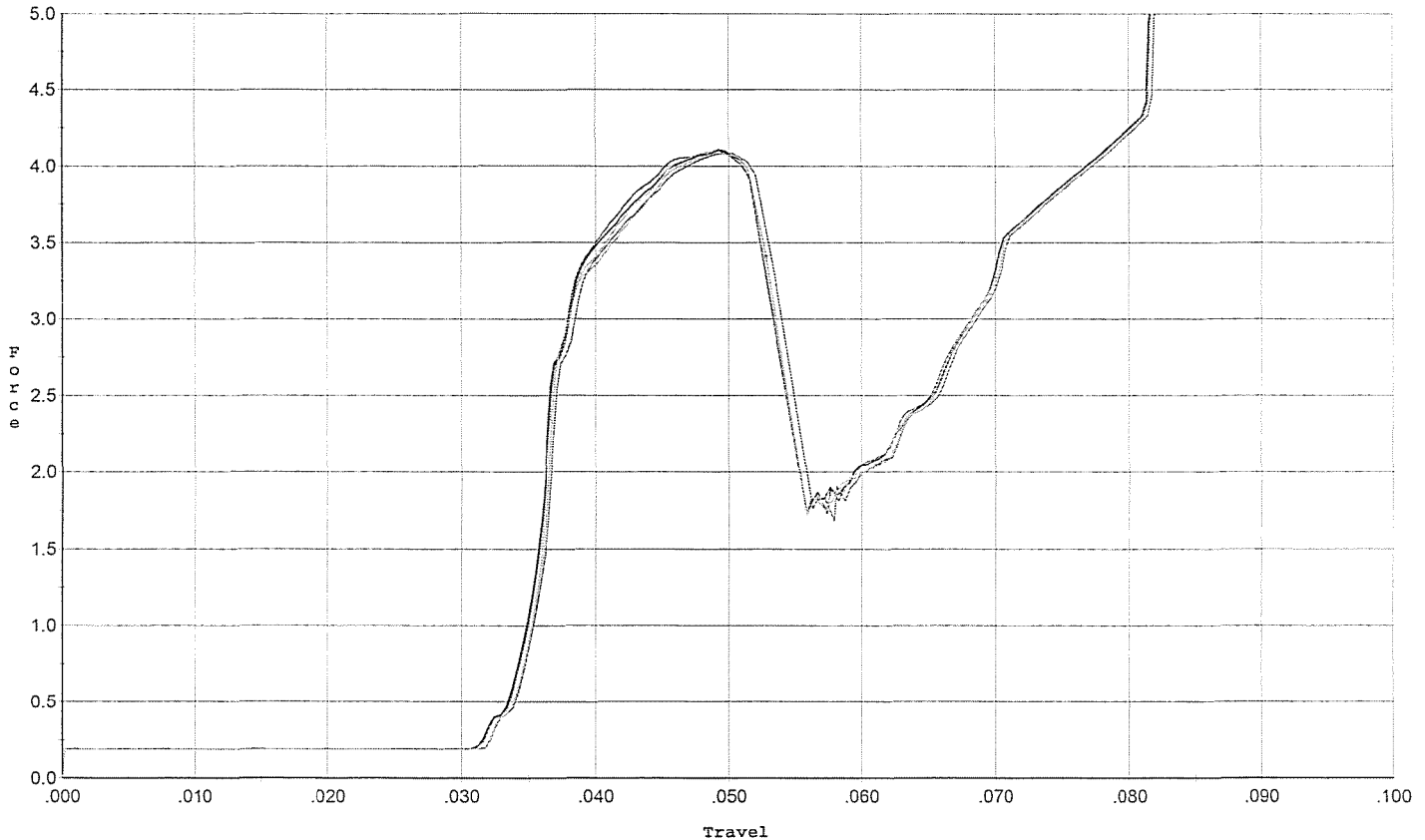
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.404	0.052	0.035	0.036	0.042		Set Trigger
2	2.434	0.052	0.034	0.036	0.042		Set Trigger
3	2.472	0.053	0.033	0.036	0.044		Set Trigger
4	2.472	0.053	0.033	0.036	0.044		Set Trigger
5	2.475	0.053	0.033	0.036	0.045		Set Trigger

AVG 2.47 RP
2.45

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/8/07

Model: M/24
Serial No: Form #F005
Trigger: set to 4.0 lbs. +/- 1.0 lbs. for target & accuracy



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.102	0.052	0.032	0.033	0.071		Set Trigger
2	4.109	0.053	0.032	0.033	0.073		Set Trigger
3	4.094	0.054	0.033	0.033	0.073		Set Trigger
4	4.112	0.053	0.032	0.033	0.072		Set Trigger
5	4.084	0.054	0.032	0.033	0.073		Set Trigger

AVG 4.10

R & E NUMBER 131893SERIAL NUMBER C6225437LOG-IN DATE 7-30-07

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	9-12-07	RTZ
505	RE-BARREL	9-14-07	RTZ
560	ASSEMBLE	9-14-07	RTZ
600	PROOF	9-14-07	mm
605	CHECK HEADSPACE	9-14-07	mm
610	DIS-ASSEMBLE GUN	9-17-07	TRW
612	MAGNAFLUX	9-18-07	RTZ
510	DRILL AND TAP	9-17-07	TRW
615	ROLLMARK CALIBER	9-17-07	CW
618	ROTO-BLAST	9-18-07	PC
620	APPLY COATINGS	9-21-07	RTZ
625	FINAL ASSEMBLY	9-21-07	RTZ
640	FUNCTION TEST AND	9-27-07	mm
650	TARGET	9-27-07	mm
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	9-27-07	SD
	A) HEADSPACE	10-4-07	RTZ
	B) TRIGGER PULL	10-4-07	RTZ
		262 265 2.71 264 267 9-28-07	DA
680	F) SAFETY ON FORCE	5.50 5.0 5.50 9-28-07	DA
	G) SAFETY OFF FORCE	3.5 3.5 3.5 9-28-07	DA
	I) FIRING PIN INDENT	.023 .023 9-28-07	DA
690	PACK	10-5-07	DA