

G 641 4337
Rephoe
C. 622 5416

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: **RE00088172** Serial: C6225416 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 11/19/2004 9:54:16 AM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **HHC 2504 PIR** **HHC 2504 PIR**

Address 1: **WABTTO** **WABTTO**

Address 2: PO Box: PO Box:

City: **FORT BRAGG** **FORT BRAGG**

State: **NC** Zip Code: **28310** Country: **US** State: **NC** Zip Code: **28310** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition **Problems** **Estimate** **History / Status** **Shipping / Billing**

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Fair

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Studs	3
A009	Soft Case	1
A010	Hard Case	1
A017	Scope Bases	3

Repair Search **Refresh** **Close**

neglej 11/19/2004 10:47 AM DAPS NUM INS SCRL

start 3 7 2

Q6414337

Serial Number: **C6225416**

Model: **M24 SWS**



RE00088172

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6414337.___0
FILE DATE AND TIME: 12/10/2004 19:41

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.007
The Average Y Centroid of the Five Target Set:	-0.030
The Average Point of Impact of the Five Target Set:	0.031
The Average Mean Radius of the Five Target Set:	0.666
The Distance from POA to Centroid Target #1:	0.238
The Distance from Centroid Target #2 to Centroid Target #1:	0.243
The Distance from Centroid Target #3 to Centroid Target #1:	0.327
The Distance from Centroid Target #4 to Centroid Target #1:	0.305
The Distance from Centroid Target #5 to Centroid Target #1:	0.195

SERIAL NUMBER: G6414337. 0

TARGET NUMBER: 1

FILE DATE: 12/10/2004

FILE TIME: 19:41

X CENTROID: -0.030

Y CENTROID: -0.236

POA TO CENTROID: 0.238

HORZ SPREAD: 1.512

VERT SPREAD: 2.350

GROUP SPREAD: 2.352

MIN RADIUS: 0.235

MAX RADIUS: 1.280

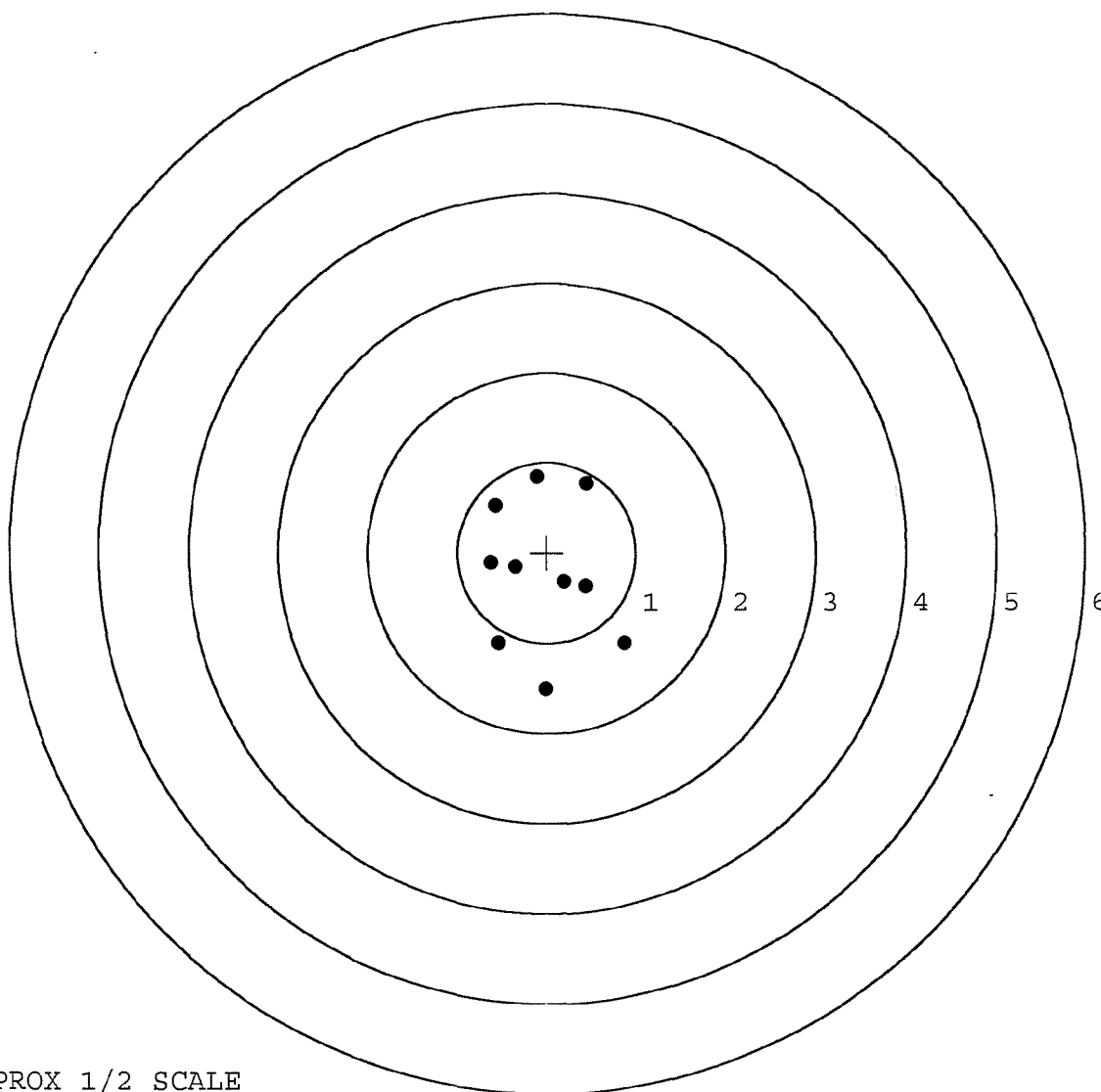
MEAN RADIUS: 0.820

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.880	-1.002
2:	-0.017	-1.516
3:	-0.546	-1.005
4:	0.444	0.772
5:	-0.118	0.834
6:	-0.581	0.525
7:	-0.632	-0.113
8:	-0.358	-0.156
9:	0.189	-0.322
10:	0.439	-0.373



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414337. 0

TARGET NUMBER: 2

FILE DATE: 12/10/2004

FILE TIME: 19:41

X CENTROID: -0.081

Y CENTROID: 0.002

POA TO CENTROID: 0.081

HORZ SPREAD: 1.263

VERT SPREAD: 2.288

GROUP SPREAD: 2.295

MIN RADIUS: 0.107

MAX RADIUS: 1.235

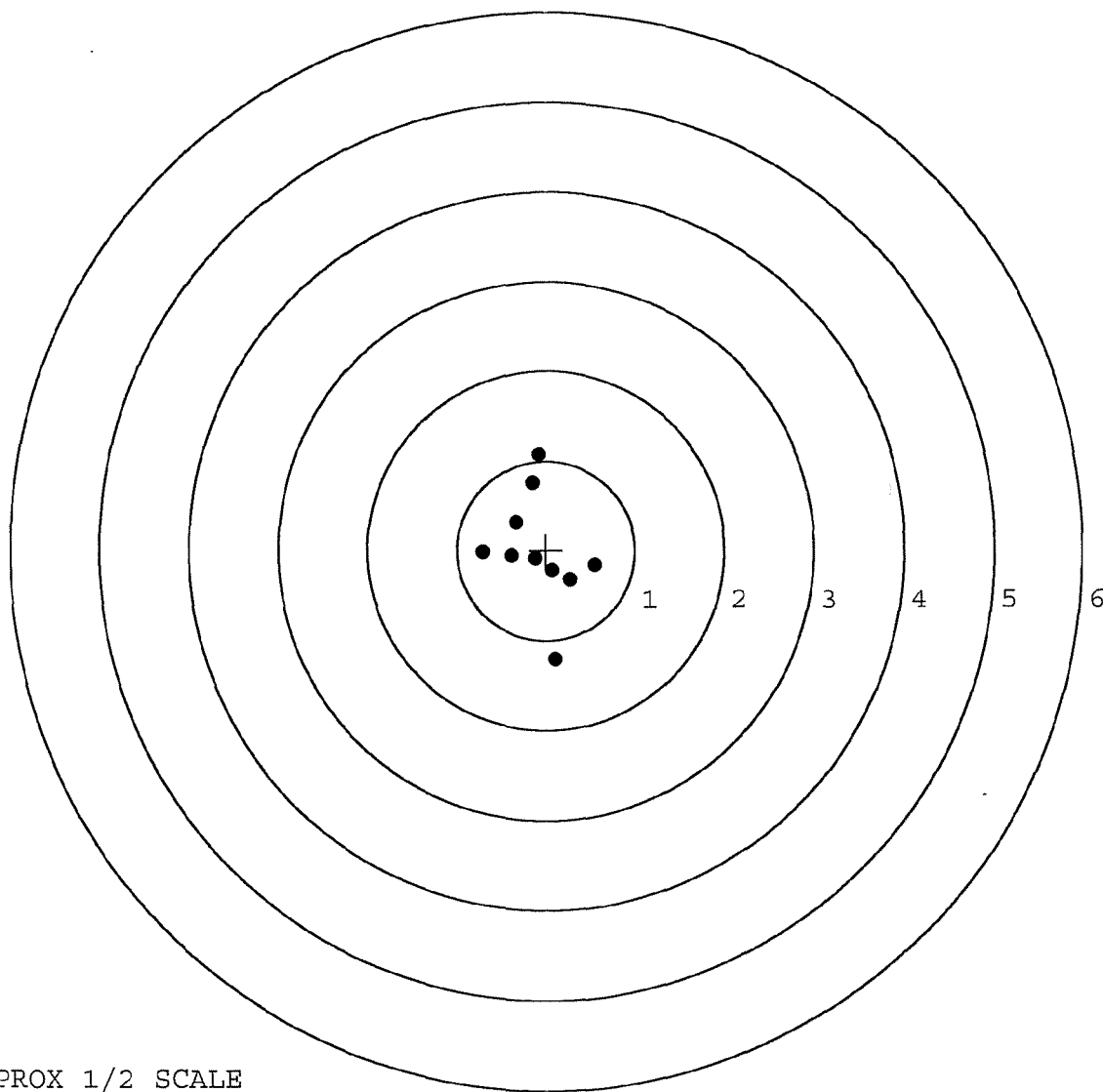
MEAN RADIUS: 0.593

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.553	-0.165
2:	0.101	-1.219
3:	-0.083	1.069
4:	-0.155	0.758
5:	-0.343	0.315
6:	-0.710	-0.022
7:	-0.389	-0.061
8:	-0.124	-0.095
9:	0.071	-0.229
10:	0.270	-0.327



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414337. 0

TARGET NUMBER: 3

FILE DATE: 12/10/2004

FILE TIME: 19:41

X CENTROID: 0.037

Y CENTROID: 0.084

POA TO CENTROID: 0.092

HORZ SPREAD: 1.013

VERT SPREAD: 1.695

GROUP SPREAD: 1.703

MIN RADIUS: 0.137

MAX RADIUS: 0.882

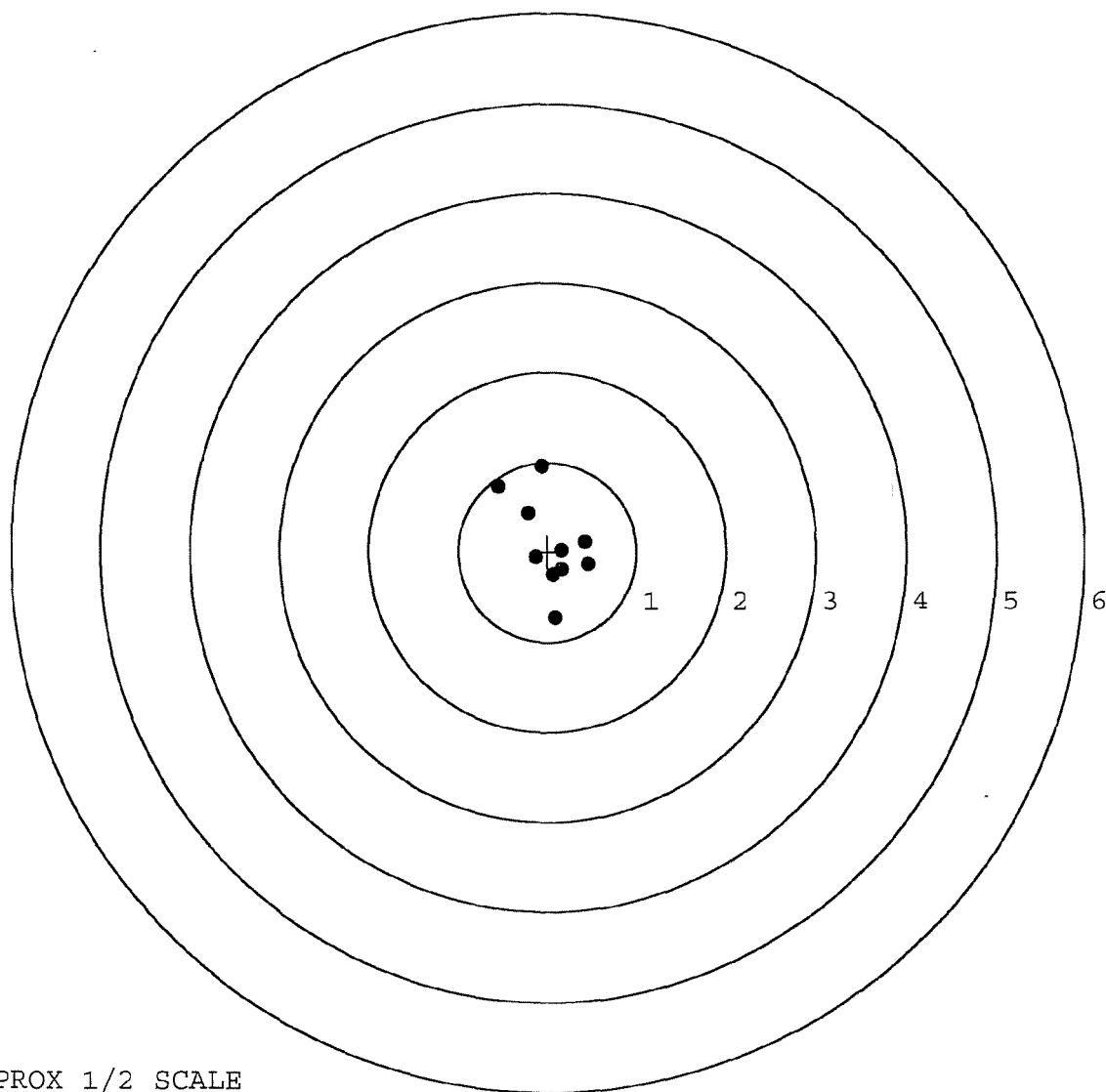
MEAN RADIUS: 0.490

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.092	-0.735
2:	-0.068	0.960
3:	-0.557	0.731
4:	-0.223	0.429
5:	0.425	0.112
6:	0.456	-0.140
7:	0.155	0.015
8:	0.158	-0.201
9:	-0.136	-0.064
10:	0.064	-0.263



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414337. 0

TARGET NUMBER: 4

FILE DATE: 12/10/2004

FILE TIME: 19:41

X CENTROID: 0.078

Y CENTROID: 0.050

POA TO CENTROID: 0.092

HORZ SPREAD: 1.304

VERT SPREAD: 1.613

GROUP SPREAD: 1.743

MIN RADIUS: 0.341

MAX RADIUS: 1.018

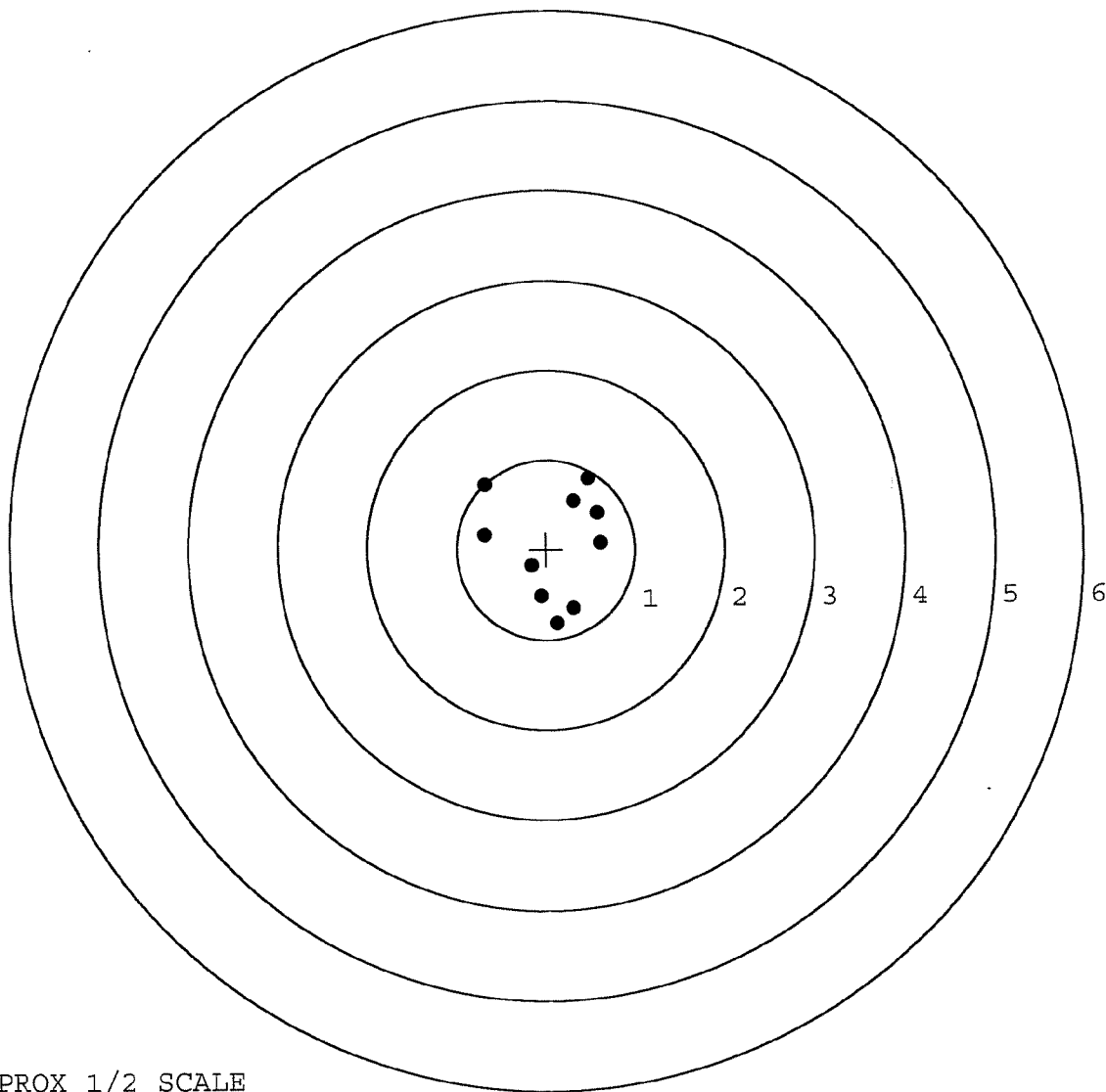
MEAN RADIUS: 0.687

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.611	0.070
2:	0.578	0.406
3:	0.308	0.539
4:	0.478	0.788
5:	-0.685	0.724
6:	-0.693	0.160
7:	-0.171	-0.183
8:	-0.066	-0.526
9:	0.302	-0.654
10:	0.115	-0.825



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414337. 0

TARGET NUMBER: 5

FILE DATE: 12/10/2004

FILE TIME: 19:41

X CENTROID: 0.033

Y CENTROID: -0.051

POA TO CENTROID: 0.061

HORZ SPREAD: 2.124

VERT SPREAD: 2.171

GROUP SPREAD: 2.136

MIN RADIUS: 0.020

MAX RADIUS: 1.471

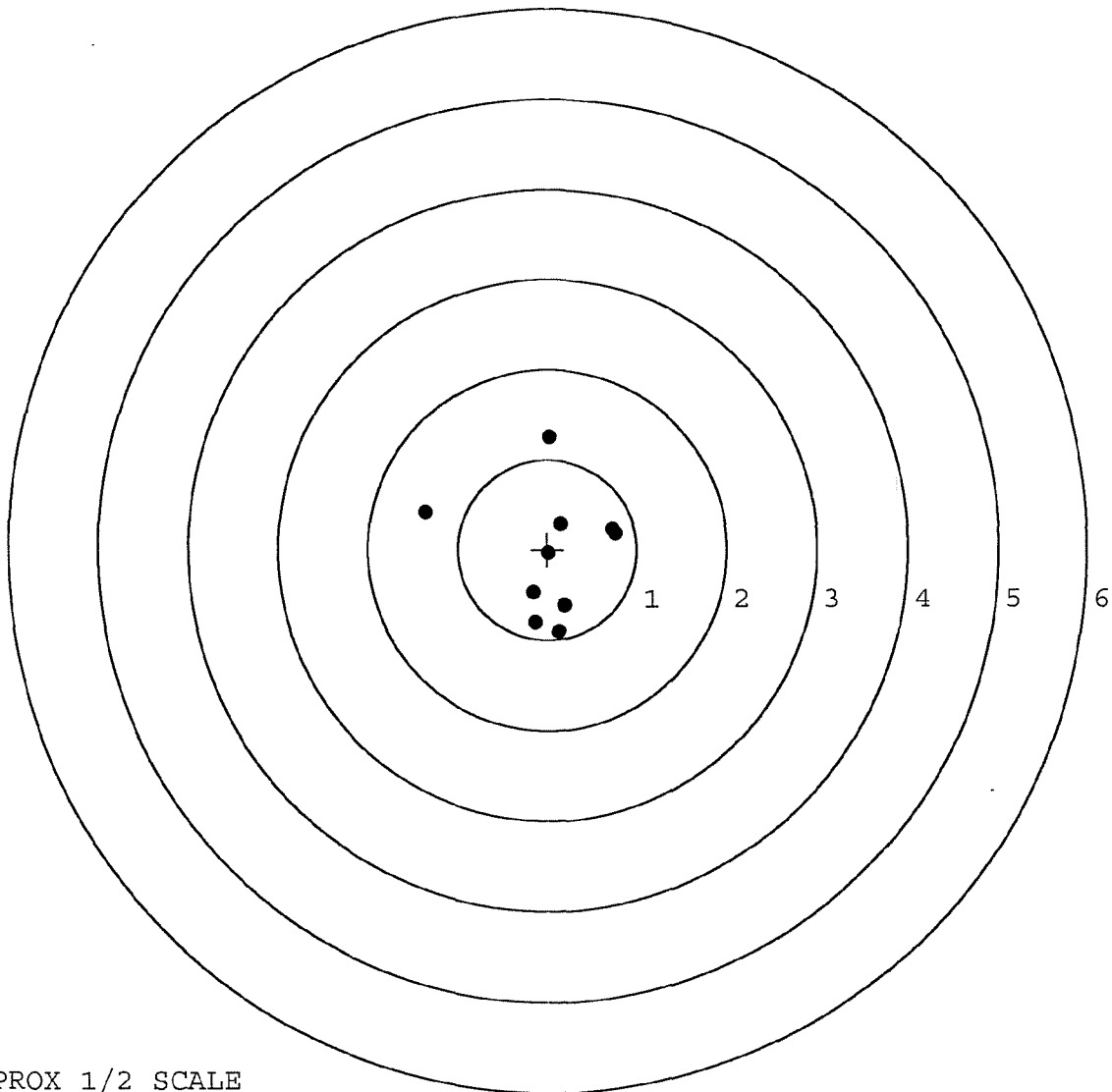
MEAN RADIUS: 0.738

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.022	1.253
2:	0.728	0.233
3:	0.760	0.181
4:	0.152	0.284
5:	-1.364	0.410
6:	0.013	-0.046
7:	-0.164	-0.483
8:	0.189	-0.614
9:	0.133	-0.918
10:	-0.144	-0.814



TARGET APPROX 1/2 SCALE

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

BARBER - M24 0150544

SERIAL NO.

2.50 LBS (plus or minus 0.50 LBS)
3.00 LBS (plus or minus 0.75 LBS)
4.00 LBS (plus or minus 1.00 LBS)

DATE

12-8-04

TESTER

TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.04	2.72		2.79	
PULL #2	2.14	2.87		2.75	
PULL #3	2.46	2.82		2.79	
PULL #4	2.39	2.79		2.81	
PULL #5	2.47	2.79		2.78	
TOTAL	11.50	13.99		13.92	
AVERAGE	2.30	2.79		2.78	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.45	3.14		
PULL #2	3.32	3.25		
PULL #3	3.38	3.28		
PULL #4	3.41	3.19		
PULL #5	3.37	3.28		
TOTAL	16.89	16.14		
AVERAGE	3.37	3.22		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	4.14	3.97		4.19
PULL #2	4.15	4.10		4.16
PULL #3	4.13	4.10		4.23
PULL #4	4.20	4.04		4.25
PULL #5	4.17	4.13		4.25
TOTAL	20.79	20.34		21.08
AVERAGE	4.15	4.06		4.21

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

R & E NUMBER	88172		
SERIAL NUMBER	66225416 66414337		
LOG-IN DATE	11-19-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	11-24-04	AC
560 A	RE-BARREL	12-1-04	RTL
B	DRILL AND TAP	12-3-04	TRW
575	ASSEMBLE	12-2-04	RTL
600	PROOF	12-2-04	RTL
605	CHECK HEADSPACE	12-2-04	RTL
610	DIS-ASSEMBLE GUN	12-3-04	RTL
612	MAGNAFLUX	12-3-04	RTL
615	ROLLMARK CALIBER	12-3-04	SB
618	ROTO-BLAST	12-6-04	LB
620	APPLY COATINGS	12/7/04	HA
625 A	FINAL ASSEMBLY	12-9-04	RTL
B	TRIGGER PULL TEST	N/A	
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	12-10-04	TRW
655	FINAL INSPECT	12-13-04	AC
660	PACK	12/13/04	19A
		SHIP DATE	
		QAR INSPECTION DATE	

Remington[®]

MODEL 700TM M24

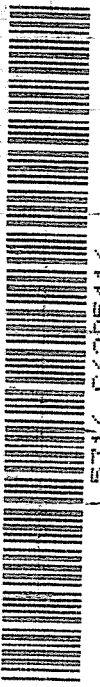
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

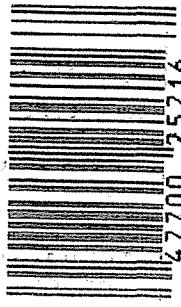
DU PONT
REG. U.S. PAT. & T.M. OFF.

SERIAL NO.
C6225416

ORDER NO.
5716



5716 C6225416



UPC

47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225416

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock	12 9 88	9 88	RW
600	Proof	12 9 88	88	RW
607	Check Headspace	12 9 88	88	RW
610	Dis-assemble Gun	12 9 88	88	RW
612	Magnaflux Barrel Action		12 22 88	RK.
	Magnaflux Bolt		1-3-89	RK.
615	Rollmark Caliber		12/22/88	WDC.
617	Drill and Tap Sight Holes	1 3 89	89	FB
618	Polish Barrel	12 2 88	88	WJT
620	Apply Coatings (Barrel Action)		1-18-89	TST
	Apply Coating (Bolt)		1-18-89	TST
625	Final Assembly A) Clean inside of Bolt Assembly		1/19/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/19/89	RW
	C) Inspect Ejector Hole for Chamfer		1/19/89	RW
	D) Oil Firing Pin Ass'y		1/19/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		19 Jan 89	DS

op. #	OP. NAME	READINGS					DATE	INITIAL
625 cont.	F) Safety On Force	5	5	5			25 Jan 89	JS
	G) Safety Off Force	3	3	3			25 Jan 89	JS
	H) Trigger Pull Test & Retainability						19 Jan 89	JS
	I) Firing Pin Indent	.022	.0215	.0215			25 Jan 89	JS
	J) Assemble Stock						1/26/89	RW
	K) Assemble Swivel Studs						31 Jan 89	JS
	L) Attach Front and Rear Sight Assemblies						1/26/89	RW
	M) Iron Sight Alignment						1/26/89	RW
	N) Detach Front & Rear Sights & place in numbered container						1/26/89	RW
	O) Attach Scope to Rifle						1/26/89	RW
	P) Detach & Attach Scope 20 Times						1/26/89	JS
640	Gallery Target & Test	63 R	89L				1-27-89	AC
	A) Time						1-27-89	
	B) Malfunctions			NONE			"	AC
	C) Pierced Primers			NONE			"	AC
	D) Optical Clarity of Scope			OK			1-27-89	AC
645	Inspect for Live Ammo			NONE			"	AC
655	Final Inspection							
	A) Headspace						31 Jan 89	JS
	B) Trigger Pull	2.63	2.58	2.56	2.67	2.62	31 Jan 89	JS
	C) Function						31 Jan 89	JS
660	Pack						27 Mar 89	JS

0A1P
AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50#+.50#
3.00#+.75#
4.00#+1.00#

SERIAL NO. 3416
DATE 3-31-90
TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.40	2.34		2.38	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.34	2.36		2.38	
PULL #3	2.36	2.36		2.33	
PULL #4	2.35	2.36		2.34	
PULL #5	2.35	2.34		2.36	
TOTAL	11.80	11.81		11.79	
AVG.	2.36	2.362		2.358	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.48	3.29		
PULL #2	3.36	3.33		
PULL #3	3.38	3.27		
PULL #4	3.37	3.39		
PULL #5	3.38	3.43		
TOTAL	16.97	16.71		
AVG.	3.394	3.342		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.46	4.48		
PULL #2	4.47	4.43		
PULL #3	4.45	4.46		
PULL #4	4.40	4.44		
PULL #5	4.47	4.46		
TOTAL	22.25	22.27		
AVG.	4.45	4.454		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225416
2 Feb 1989

CENTROIDAL DISTANCES

0 TO	1	.63232
1 TO	2	.341492
1 TO	3	.728929
1 TO	4	.409816
1 TO	5	.683937

$\begin{matrix} & & 5 \\ & & 4 \\ 3 & 1 & \\ & 2 & + \end{matrix}$
 <----FOR

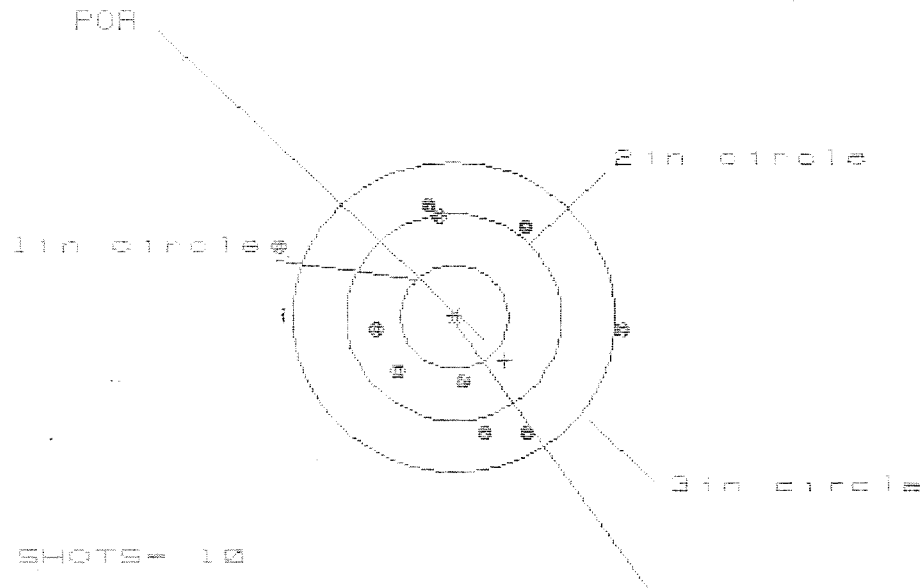
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.4798
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .5014
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .693981

THE AMR FOR THIS RIFLE IS: 1.07

27 Jan 1985

FILE: PATTERNING/CENTERFIRE_PATT/08225418

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1in = 0

2in = 3

3in = 8

HS = 3.164

VS = 2.222

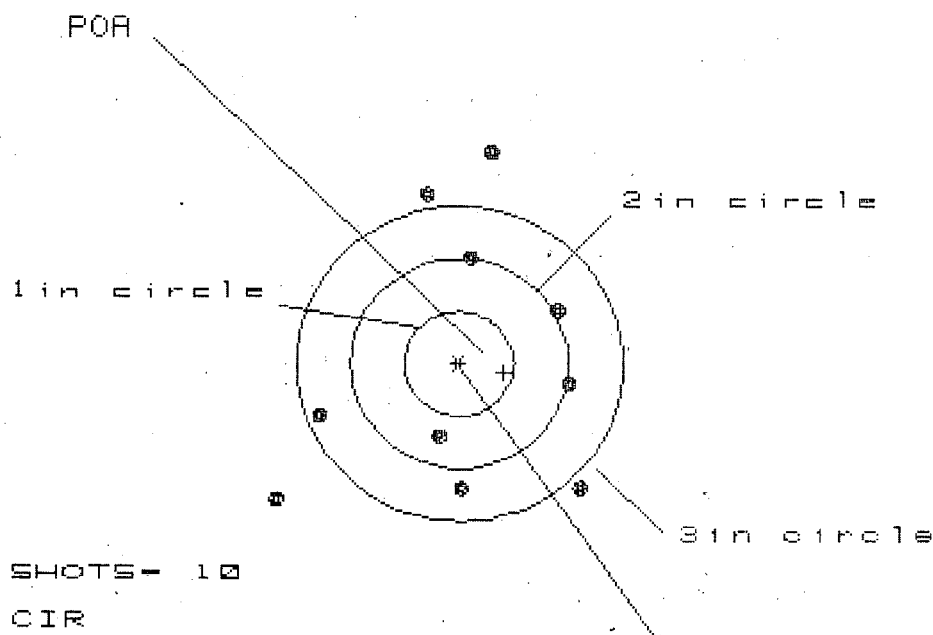
GS = 3.267

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.560	1.381	.675
MINIMUM X	-1.604	-.925	-.752
MAXIMUM Y	1.099	1.179	1.176
MINIMUM Y	-1.123	-1.043	-1.046
CENTROID X	-.470	-.291	-.464
CENTROID Y	.423	.343	.346
POA TO CENTROID in.	.632	.450	.579
MIN RADIUS	.610	.553	.533
MEAN RADIUS	1.112	1.035	.967
MAX RADIUS	1.755	1.381	1.245
HORIZONTAL SPREAD	3.164	2.306	1.437
VERTICAL SPREAD	2.222	2.222	2.232
EXTREME SPREAD	3.267	2.405	2.405
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =		8	

27 Jan 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225416

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 4

3 in = 6

HS= 2.763

VS= 3.312

GS= 3.845

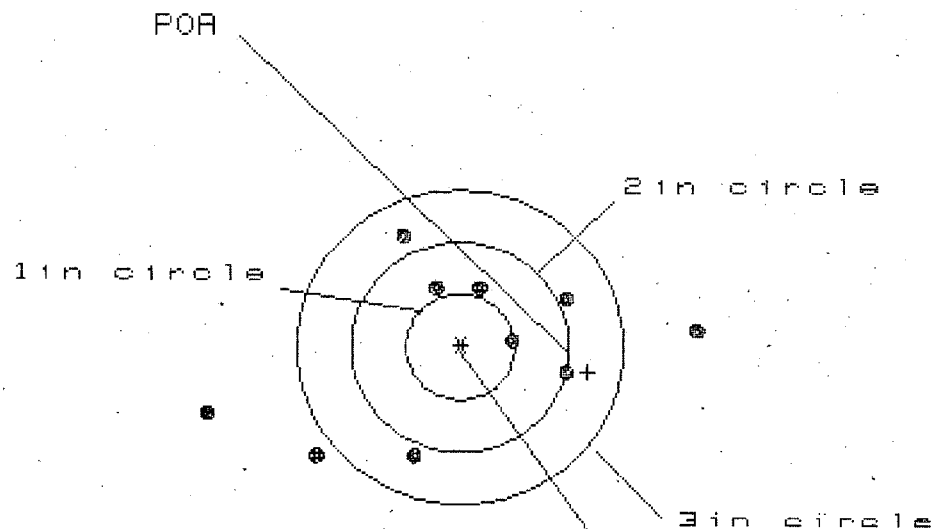
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.116	.933	.949
MINIMUM X	-1.647	-1.477	-1.461
MAXIMUM Y	2.022	1.878	1.665
MINIMUM Y	-1.290	-1.357	-1.122
CENTROID X	-.409	-.226	-.242
CENTROID Y	.087	.231	-.004
POA TO CENTROID in.	.419	.323	.242
MIN RADIUS	.755	.759	.740
MEAN RADIUS	1.367	1.263	1.166
MAX RADIUS	2.092	1.882	1.729
HORIZONTAL SPREAD	2.763	2.410	2.410
VERTICAL SPREAD	3.312	3.235	2.787
EXTREME SPREAD	3.845	3.301	3.095
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		6	

27 Jan 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225416

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 0

2in = 4

3in = 7

HS= 4.471

VS= 2.087

GS= 4.546

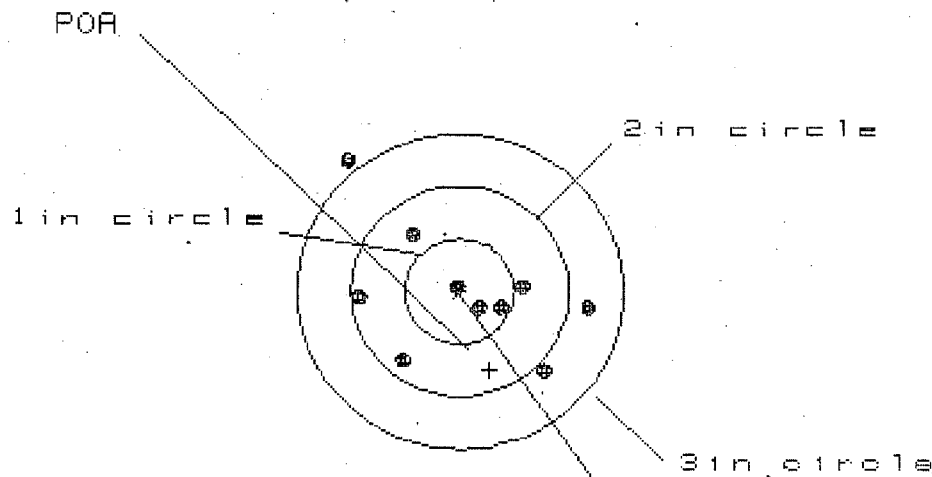
CENTROID *

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.171	1.916	.959
MINIMUM X	-2.300	-1.609	-1.370
MAXIMUM Y	1.069	.999	1.016
MINIMUM Y	-1.018	-1.088	-1.071
CENTROID X	-1.174	-.919	-1.158
CENTROID Y	.234	.304	.287
POA TO CENTROID in.	1.197	.968	1.193
MIN RADIUS	.509	.246	.486
MEAN RADIUS	1.221	1.035	.943
MAX RADIUS	2.382	1.942	1.739
HORIZONTAL SPREAD	4.471	3.525	2.329
VERTICAL SPREAD	2.087	2.087	2.087
EXTREME SPREAD	4.546	3.730	2.730
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	7		

27 Jan 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225416

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 9

HS= 2.156

VS= 1.942

GS= 2.649

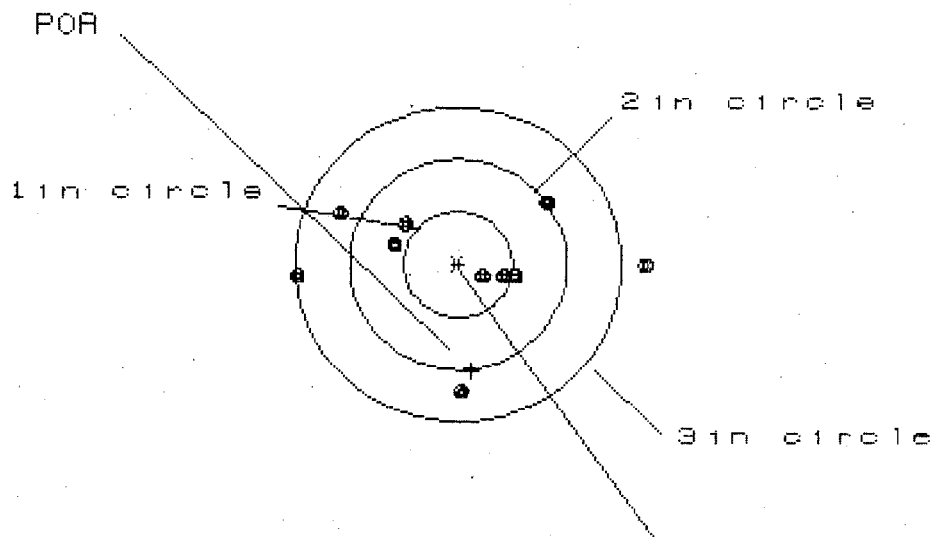
PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.132	1.018	.790
MINIMUM X	-1.024	-1.011	-.883
MAXIMUM Y	1.206	.711	.709
MINIMUM Y	-.736	-.602	-.604
CENTROID X	-.277	-.163	-.290
CENTROID Y	.753	.619	.621
POA TO CENTROID in.	.802	.640	.685
MIN RADIUS	.057	.037	.153
MEAN RADIUS	.743	.624	.588
MAX RADIUS	1.582	1.018	.995
HORIZONTAL SPREAD	2.156	2.029	1.674
VERTICAL SPREAD	1.942	1.313	1.313
EXTREME SPREAD	2.649	2.031	1.804
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

27 Jan 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225416

CENTERFIRE PATTERNS

5



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 3.234

VS= 1.805

GS= 3.236

CENTROID #

PATTERN #	15	16	17
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.738	1.037	.874
MINIMUM X	-1.496	-1.303	-1.080
MAXIMUM Y	.622	.620	.602
MINIMUM Y	-1.183	-1.185	-1.203
CENTROID X	-.119	-.312	-.149
CENTROID Y	1.010	1.012	1.030
POA TO CENTROID in.	1.017	1.059	1.040
MIN RADIUS	.253	.425	.289
MEAN RADIUS	.908	.822	.734
MAX RADIUS	1.738	1.310	1.204
HORIZONTAL SPREAD	3.234	2.340	1.954
VERTICAL SPREAD	1.805	1.805	1.805
EXTREME SPREAD	3.236	2.459	2.000
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		8	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6225416

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		8/3/92	RW
600	Proof		8/3/92	RW
607	Check Headspace		8/3/92	RW
610	Dis-assemble Gun		8/3/92	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			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head			
	C) Inspect Ejector Hole for Chamfer			
	D) Oil Firing Pin Ass'y			
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	BARBER - M24 0150557	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						8-11-92	DH
	A) Time						8-11-92	DH
	B) Malfunctions						8-11-92	DH
	C) Pierced Primers						8-11-92	DH
	D) Optical Clarity of Scope						8-11-92	DH
645	Inspect for Live Ammo						8-11-92	DH
655	Final Inspection						8/11/92	RW
	A) Headspace						8/11/92	RW
	B) Trigger Pull	2.31	2.24	2.27	2.38	2.30	8/11/92	RW
	C) Function						8/11/92	RW
660	Pack							

MAINTENANCE REQUEST				PAGE NO.	NO. OF PAGES	REQUIREMENTS CONTROL SYMBOL CSGLD - 1047(R1)			
For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG									
SECTION I - EQUIPMENT DATA									
CONTROL NUMBER		WORK ORDER NO.		WESDC		ORG. PD		PD AUTHENTICATION	
☐ Work Request ☐ MWO ☒ Warranty Claim		1A. ORGANIZATION <i>D-Co 782^d Mt Bn</i>		B. LOCATION <i>Ft Bragg N.C 28307-5100</i>			C. UNIT IDENT CODE <i>WA BYDD</i>		
2. SERIAL NO. <i>G6225416</i>		3. NOUN NOMENCLATURE <i>Sniper Rifle 7.62mm</i>		4. LINE NO. <i>1</i> / 5. MODEL <i>M24</i>		6. NATIONAL STOCK NUMBER <i>1005-01-240-2136</i>			
7A. MAINTENANCE ACTIVITY <i>Remington Arms</i>		B. LEVEL <i>D</i>		8. UTILIZATION CODE		9A. MCSR ITEM		9B. ERC	
						9C. PACING ITEM		10. HOURS	
								11. MILES	
								12. ROUNDS	
								13. STARTS	
14. FAILURE DETECTED DURING (Select one - use ☒ or X)					15. FIRST INDICATION OF TROUBLE (Select one - use ☒ or X)				
☐ A Sch. Main. ☐ C Test ☐ E Storage ☐ G Flight ☐ B Handling ☐ D Normal Op ☐ F Inspection ☐ H Other					☐ 068 inoperative ☐ 258 Overheating ☐ 790 Out of Adjustment ☐ 008 Noisy ☐ 387 Low Performance ☐ Other				
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs). <i>Chamber worn</i>									
B. REMARKS									
SECTION II - WORK ACCOMPLISHED									
17A. REPAIR ORGANIZATION/ACTIVITY				C. UNIT IDENT. CODE		18. TYPE ORGANIZATION/ACTIVITY ACCOMPLISHING WORK (Select one - use ☒ or X)		19. AMS ACCT CODE	
B. LOCATION						☐ 1 TOE ☐ 2 TD ☐ 3 Contractor			
20A. ACT. CODE	B. FAILURE CODE	C. COMPONENT/PART NOUN, SVC, OR MWO NO.			D. MANHOURS (Hrs. & tenths)	E. NATIONAL STOCK NUMBER	F. PART SOURCE CODE	G. QTY.	H. PARTS COST
		(1) CB CODE	(2) REF DESIGN.	(3) MFR. CODE					
					.				\$
					.				\$
					.				\$
					.				\$
					.				\$
					.				\$
					.				\$
					.				\$
					.				\$
					.				\$
					.				\$
					.				\$
					I. TOTAL MANHOURS	J. TOTAL MANHOURS COST \$	K. TOTAL PARTS COST \$		
21. DELAY (Select One)					☐ 1 Parts ☐ 2 Manpower ☐ 3 Facilities ☐ 4 Funds ☐ 5 Tools	22. Data Transcribed			
23. SUBMITTED BY <i>Jaw</i>		24. RECEIVED BY		25. WORK STARTED BY		26. INSPECTED BY		27. ACCEPTED BY	
JULIAN DATE <i>2192</i>		JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE	
28. DISPOSITION (Select One)					☐ A To User ☐ D Evacuated ☐ B To Stock ☐ E Cannibalization ☐ C Salvaged				

BARBER-M24 0159559

R ORDER
92-14795

M-24 SNIPER

 $\frac{d}{dt} \left(\frac{\partial L}{\partial \dot{x}} \right) = \frac{\partial L}{\partial x}$

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
07/21/92	07/21/92	BJ 1-89	C6225416		700 7:62 NATO
ACCESSORIES	W/STUDS	HARD CASE	SCOPE BASE		

FROM: _____ SHIP TO: _____

D CO 782ND MAINTANCE BA
FORT BRAGG NC 28307

D CO 782ND MAINTANCE BA
FORT BRAGG NC
28397

CUST NO: 045582 C.D.DL

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE

CLEAN/TEST

PROM. DATE

ESTIMATED

VIA

UP 2

GUN CONDITION

☐ NEW
☐ LIGHTLY WORN
☐ WORN
☐ VERY WORN
☐ UNREPAIRABLE
☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
------------------	------	----------	--------	----------	-----	---------

CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.		B4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

PARTS

COMMENTS

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE

OFFICE COPY

RD6925 REV. 1/92

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

BARBER - M24 0150999150598

BARBER - M240-150560 INSPECTION AND MAINTENANCE WORKSHEET

For use of this form, see TM 38-750; the proponent agency is the Office of the Deputy Chief of Staff for Logistics.

[illegible]DA FORM 2404
1 APR 79

Replaces edition of 1 Jan 64, which will be used

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

BARBER - M24 ~~0150980~~ **M2400150599**

CENTRICAL DISTANCE CALCULATIONS
FOR RIFLE # 06025416
17 May 1992

CENTRICAL DISTANCES

0	1	.301003
1	2	.301955
1	3	.518322
1	4	.584688
1	5	.0903549

4.5 -----FOR

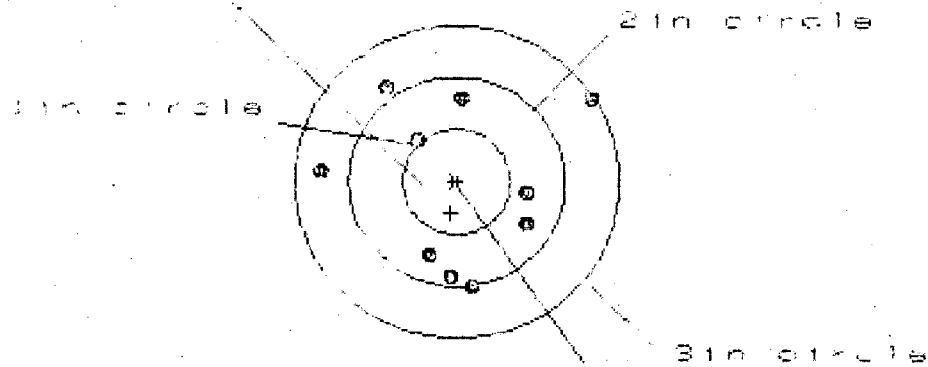
FOR RIFLE # 06025416 FOR THIS RIFLE IS: .3457
 FOR RIFLE # 06025416 FOR THIS RIFLE IS: .0872
 FOR RIFLE # 06025416 FOR THIS RIFLE IS: .0731
 FOR RIFLE # 06025416 FOR THIS RIFLE IS: 1.024

11 Aug 1990

FILE: PATTERNING/CENTERFIRE_PATT/06235416

CENTERFIRE PATTERNS # 1

PWA



OF SHOTS = 10

IN CIR

1 in = 0

2 in = 7

3 in = 10

X = 2.449

Y = 1.843

Z = 2.538

CENTROID *

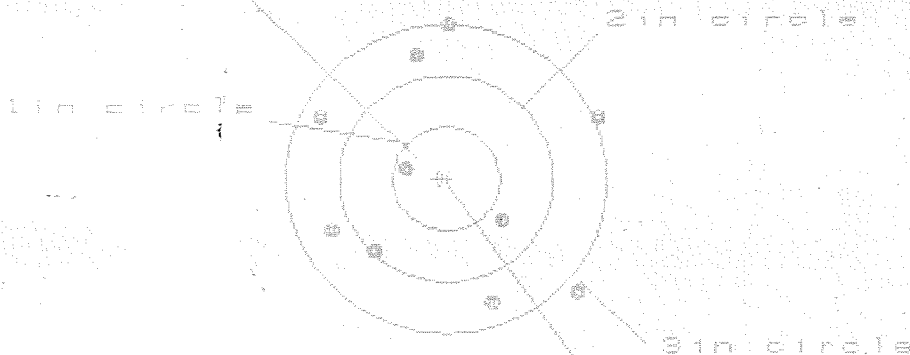
PATTERN #	1	2	3
SHOTS BEST OF	10	9	8
MEAN X	1.209	.806	.667
MINIMUM X	-1.240	-1.105	-.671
MEAN Y	.899	.972	.994
MINIMUM Y	-.955	-.871	-.849
CENTROID X	.055	-.080	.059
CENTROID Y	.298	.214	.192
PER TO CENTROID INCH	.303	.228	.200
1 IN RADIUS	.515	.513	.601
2 IN RADIUS	.899	.832	.700
3 IN RADIUS	1.427	1.119	1.200
1 IN HORIZONTAL SPREAD	2.449	1.911	1.339
VERTICAL SPREAD	1.843	1.843	1.843
SQUARE SPREAD	2.538	2.004	2.004
NUMBER IN ONE INCH CIRCLE	=	0	
NUMBER IN TWO INCH CIRCLE	=	7	
NUMBER IN THREE INCH CIRCLE	=	10	

11 Aug 1992

FILE:/PATTERNING/CENTERFIRE_PATT/C8225416

CENTERFIRE PATTERNS # 2

POR



OF SHOTS = 10

IN CIR

1in = 1

2in = 2

3in = 8

HS = 2.551

VS = 2.632

CS = 2.922

CENTROID #

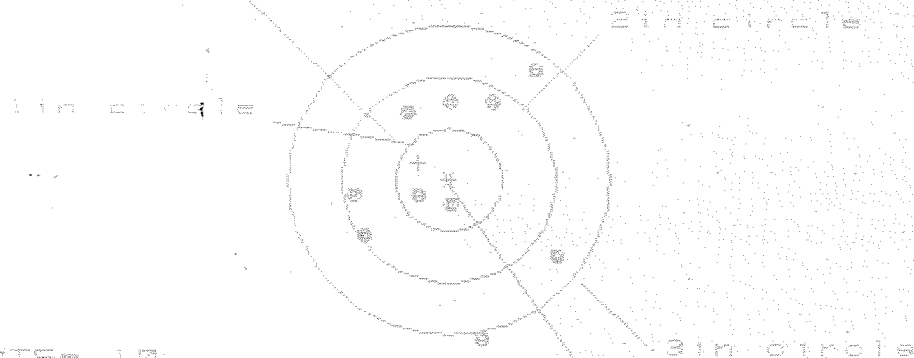
PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.385	1.523	1.626
MINIMUM X	-1.166	-1.028	-1.838
MAXIMUM Y	1.484	1.351	1.428
MINIMUM Y	-1.148	-1.271	-1.212
CENTROID X	.079	-.059	-.249
CENTROID Y	-.003	.120	.061
POR TO CENTROID in.	.079	.134	.257
MIN RADIUS	.434	.282	.184
MEAN RADIUS	1.166	1.090	.983
MAX RADIUS	1.662	1.595	1.467
HORIZONTAL SPREAD	2.551	2.551	1.664
VERTICAL SPREAD	2.632	2.632	2.632
EXTREME SPREAD	2.922	2.673	2.666
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =		2	
NUMBER IN THREE INCH CIRCLE =			8

11 Aug 1992

FILE:/PATTERNING/CENTERFIRE_PATT/CS235415

CENTERFIRE PATTERNS # 3

POB



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 9

HE= 1.931

VE= 2.660

GE= 2.697

CENTROID *

PATTERN #

SHOTS (BEST OF)

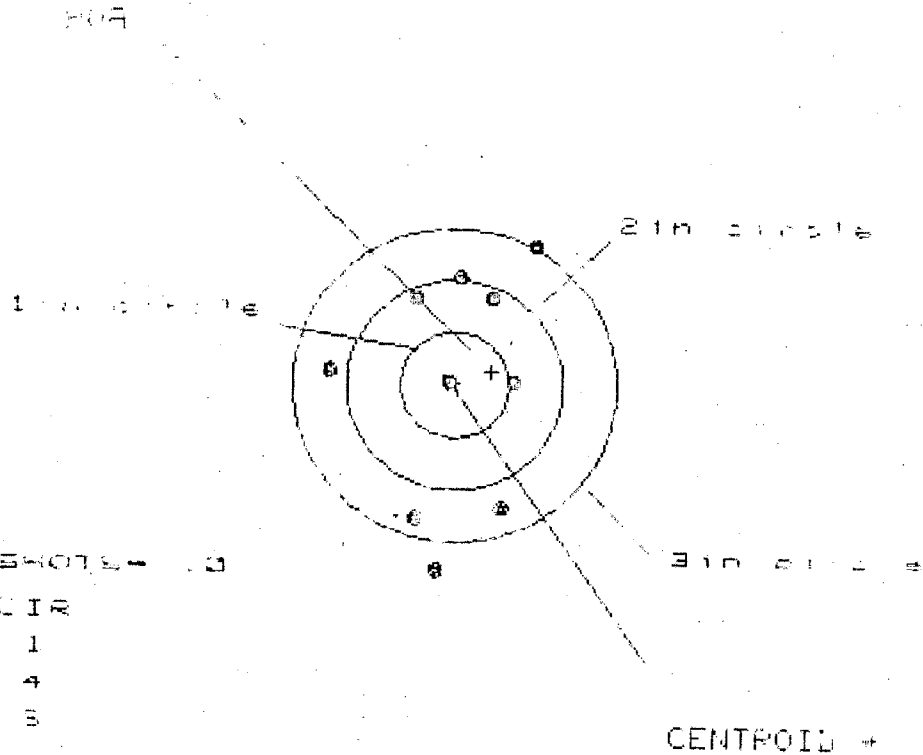
	10	9	8
MAXIMUM X	1.005	1.042	1.144
MINIMUM X	-.926	-.889	-.787
MAXIMUM Y	1.105	.932	.700
MINIMUM Y	-1.555	-.877	-.760
CENTROID X	.288	.251	.149
CENTROID Y	-.165	.008	-.109
POB TO CENTROID in.	.332	.251	.185
MIN RADIUS	.243	.404	.251
MEAN RADIUS	.897	.804	.727
MAX RADIUS	1.591	1.362	1.373
HORIZONTAL SPREAD	1.931	1.931	1.931
VERTICAL SPREAD	2.660	1.809	1.460
EXTREME SPREAD	2.697	2.252	2.022
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

11 Aug 1982

FILE:PHINTERING/CENTER FIRE_PATT-06225416

CENTER FIRE PATTERNS

4



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 4

3 in = 6

X = 1.896

Y = 3.070

Z = 3.216

CENTROID +

PATTERN #	10	9	8
SHOTS ABST OF	10	9	8
MAXIMUM X	.765	.744	.612
MINIMUM X	-1.131	-1.152	-1.059
MAXIMUM Y	1.312	1.116	1.019
MINIMUM Y	-1.758	-1.504	-1.504
CENTROID X	-.339	-.318	-.411
CENTROID Y	-.134	.062	-.078
POH TO CENTROID IN.	.365	.324	.419
MIN RADIUS	.064	.140	.051
MEAN RADIUS	1.046	.938	.891
MAX RADIUS	1.769	1.560	1.402
HORIZONTAL SPREAD	1.896	1.896	1.871
VERTICAL SPREAD	3.070	2.620	2.079
EXTREME SPREAD	3.216	2.866	2.413
NUMBER IN ONE INCH CIRCLE	=	1	
NUMBER IN TWO INCH CIRCLE	=	4	
NUMBER IN THREE INCH CIRCLE	=	8	

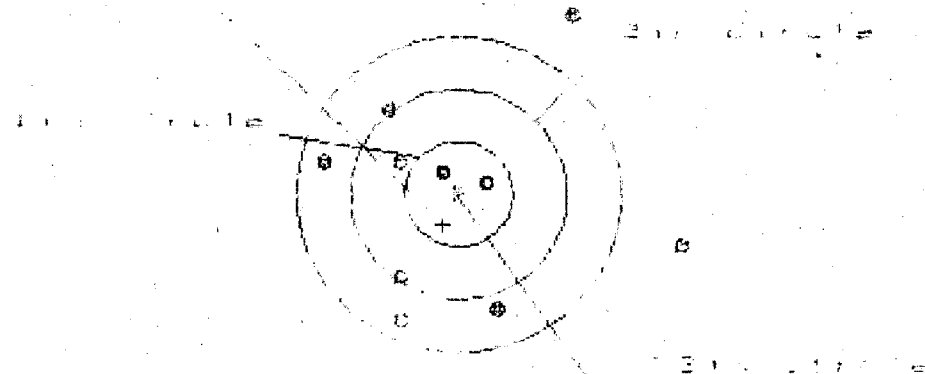
11 Aug 1992

FILE: PATTERNS CENTERFIRE PATT-0150567

CENTERFIRE PATTERNS

5

FOR



OF SHOTS = 10

IN CIR

1 IN = 2

2 IN = 4

3 IN = 8

X = 2.248

Y = 2.908

S = 3.351

CENTROID +

PATTERN #		10	9	8
MINIMUM OF		10	9	8
1 INCH	X	2.006	1.239	1.756
MINIMUM	X	-1.242	-1.019	-1.765
1 INCH	Y	1.750	1.672	1.002
MINIMUM	Y	-1.176	-1.236	1.002
CENTROID	X	.145	-.078	.232
CENTROID	Y	.290	.343	.139
IN TO CENTROID in.		.305	.357	.371
MIN RADIUS		.311	.198	.447
MIN RADIUS		1.117	.956	.830
1 IN RADIUS		2.072	2.081	1.200
HORIZONTAL SPREAD		3.248	2.258	1.621
VERTICAL SPREAD		2.908	2.903	2.083
EXTREME SPREAD		3.351	3.297	2.145
SHOTS IN ONE INCH CIRCLE	=		2	
SHOTS IN TWO INCH CIRCLE	=		4	
SHOTS IN THREE INCH CIRCLE	=		8	

BARBER - M24 0150568

R ORDER
99-66375

WOC 3 OF 3
M-24

FROM:

SHIP TO:

DEPT OF THE ARMY
ATTN. SSG MERRIMAN
HHC 2ND 504 P I R
FORT BRAGG

NC 28307

NC
28397

CUST NO: 206661 C.D.D.

WRITE

PROM. DATE	ESTIMATED	VIA UPS
------------	-----------	------------

REPAIR CHARGE
EXCISE
TAX
INSURANCE
UPS
PARCEL POST
TOTAL

MAIN FAULT

COMMENTS

Barrel - 96001
Stock - 96018

REPAIRMAN <i>Rw</i>	PROOF <i>✓</i>	CLEAN <i>✓</i>	TEST <i>✓</i>	TARGET <i>✓</i>	PATTERN
GALLERY TESTER <i>Rw</i>	DATE	DATE	DATE <i>4-20-99</i>	DATE <i>4-26-99</i>	DATE

WITH GUN

BD6925 REV. 7/97

BARBER - M24 **M2400150607**

BARBER - M24 0150569

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225416
22 Apr 1999

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1428
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1208
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .187041

THE AMR FOR THIS RIFLE IS: 1.178

CENTROIDAL DISTANCES

Ø TO	1	.23658
1 TO	2	.408545
1 TO	3	.84839
1 TO	4	.520485
1 TO	5	.592332

3
1 + 4 <----POA
2
5

REMINGTON CENTERFIRE ACCURACY TEST

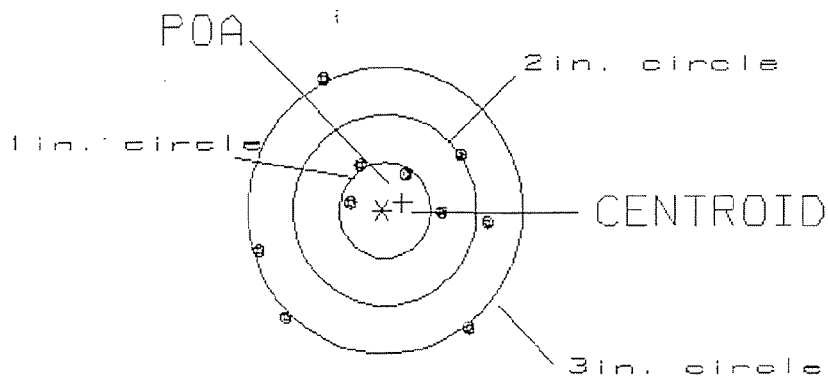
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 1
 POA TO CENTROID: .237
 MIN RADIUS : .354
 MEAN RADIUS : 1.006
 MAX RADIUS : 1.574
 CENTROID X : -.223
 CENTROID Y : -.079

22 Apr 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225416

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.46
 VS= 2.63
 GS= 3.07

2
 5
 7

REMINGTON CENTERFIRE ACCURACY TEST

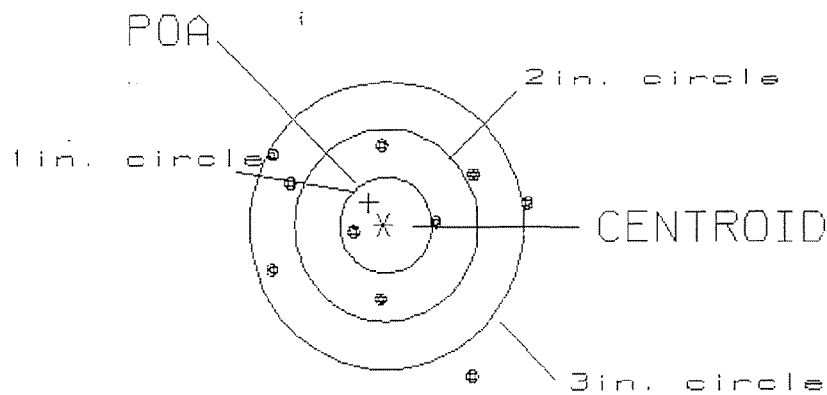
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 020
 POA TO CENTROID: .281
 MIN RADIUS : .318
 MEAN RADIUS : 1.093
 MAX RADIUS : 1.784
 CENTROID X : .155
 CENTROID Y : -.234

22 Apr 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225416

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.81
 US= 2.41
 GS= 3.14

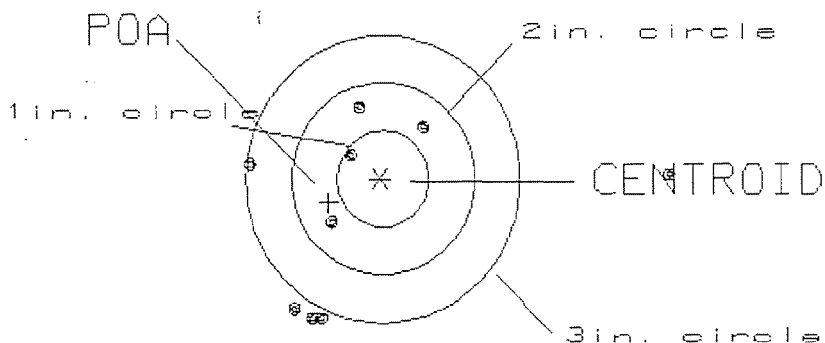
1
 4
 5

PATTERN #: 3
 POA TO CENTROID: .612
 MIN RADIUS : .457
 MEAN RADIUS : 1.349
 MAX RADIUS : 3.343
 CENTROID X : .559
 CENTROID Y : .250

22 Apr 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225416

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 4.59
 VS= 4.45
 GS= 4.97

1
 4
 5

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

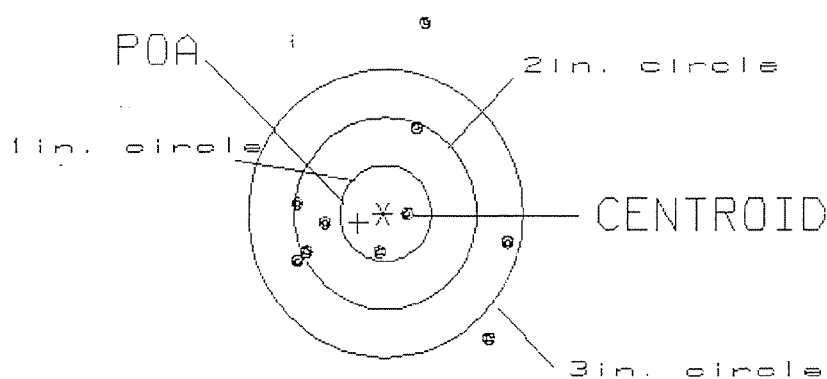
PATTERN #: 4

POA TO CENTROID: .284
 MIN RADIUS : .284
 MEAN RADIUS : 1.052
 MAX RADIUS : 2.060
 CENTROID X : .265
 CENTROID Y : .102

22 Apr 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225416

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.32

2

VS= 3.33

6

GS= 3.39

8

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

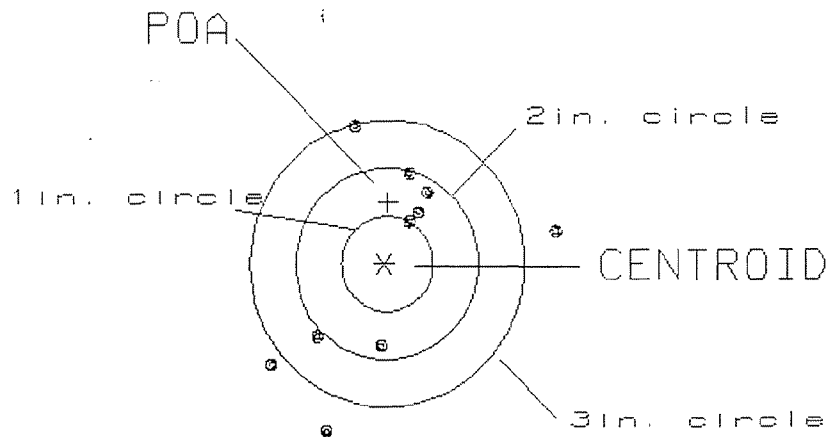
PATTERN #: 5

POA TO CENTROID: .644
 MIN RADIUS : .455
 MEAN RADIUS : 1.191
 MAX RADIUS : 1.920
 CENTROID X : -.042
 CENTROID Y : -.643

22 Apr 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225416

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.10
 VS= 3.26
 GS= 3.40

1
 4
 6