

C6225100

MODEL 700™ M24

Model 700 M24™

Action

Barrel Length

Capacity

Order No. 5715

*Includes 1 in chamber.

Remington

COMMENTS

R ORDER
94-18190

W/10X SCOPE, M-24 SNIPER, W/DEPLOYMENT KIT
ATTN: FRED MARTIN *Sc 200 S/W*

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
06/10/94	06/10/94		C6225100		700 7-62 NATO
ACCESSORIES	HARD CASE	SCOPE MNTS	SCOPE BASE		

FROM:

SHIP TO:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL

36201-5025

CUST NO: 098397 CJO.DL

ACCOUNT NUMBER	ACCOUNT NUMBER N/C
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WRITE ☐

PROM. DATE	ESTIMATED	VIA
		FRT

GUN CONDITION

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

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL	100
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CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
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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

ARTS

COMMENTS

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

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 004891848949

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6225/100

DATE 3-25-96

TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.44	2.41	2.74		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.24	2.54	2.48		
PULL #3	2.34	2.55	2.49		
PULL #4	2.67	2.69	2.69		
PULL #5	2.59	2.36	2.67		
TOTAL	12.28	12.55	13.07		
AVG.	2.45	2.51	2.61		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.06	2.95		
PULL #2	3.24	3.02		
PULL #3	2.93	2.94		
PULL #4	2.93	3.15		
PULL #5	3.06	2.95		
TOTAL	15.22	15.01		
AVG.	3.04	3.00		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.15	4.24		4.26
PULL #2	4.10	4.10		4.35
PULL #3	4.22	4.22		4.00
PULL #4	4.21	4.10		4.37
PULL #5	4.34	4.00		4.25
TOTAL	21.02	20.66		21.23
AVG.	4.20	4.13		4.24

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225100
11 Feb 1900

CENTROIDAL DISTANCES

0 TO	1	.740987
1 TO	2	.896755
1 TO	3	.299261
1 TO	4	1.4499
1 TO	5	.307156

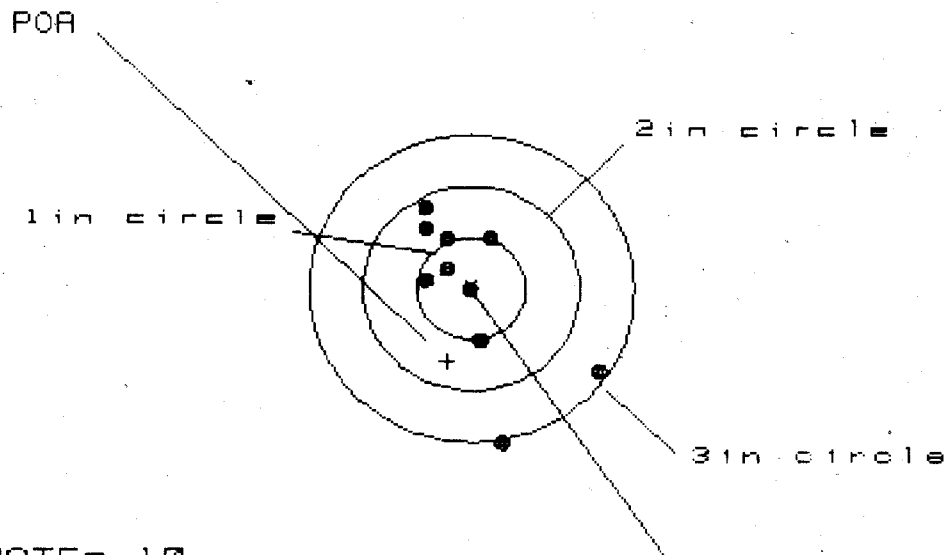
4 5
 3
+ 2 <-----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0668
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .5104
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .514753
THE AMR FOR THIS RIFLE IS: .9334

11 Feb 1900

FILE:/PATTERNING/CENTERFIRE_PATT/06225100

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1 in - 5

2 in - 8

3 in - 10

HS - 1.594

VS - 2.278

GS - 2.395

CENTROID *

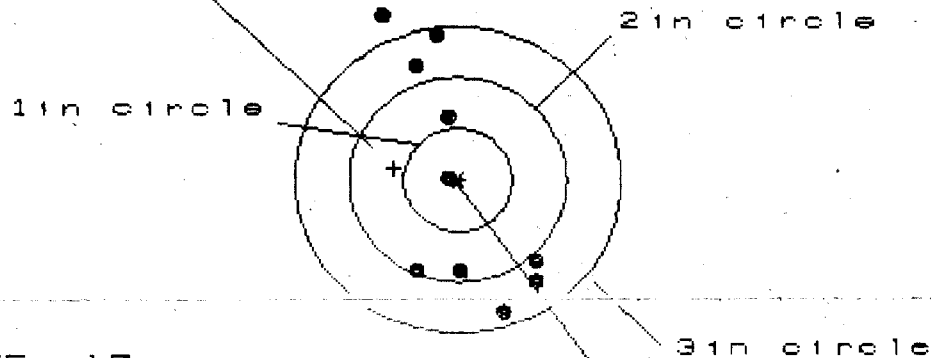
PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.147	1.181	.376
MINIMUM X	:	-.447	-.413	-.266
MAXIMUM Y	:	.820	.658	.539
MINIMUM Y	:	-1.458	-.947	-.747
CENTROID X	:	.225	.191	.044
CENTROID Y	:	.706	.868	.987
POA TO CENTROID in.	:	.741	.889	.988
MIN RADIUS	:	.032	.143	.085
MEAN RADIUS	:	.686	.560	.399
MAX RADIUS	:	1.490	1.514	.784
HORIZONTAL SPREAD	:	1.594	1.594	.642
VERTICAL SPREAD	:	2.278	1.605	1.286
EXTREME SPREAD	:	2.395	2.253	1.377
NUMBER IN ONE INCH CIRCLE	=	5		
NUMBER IN TWO INCH CIRCLE	=	8		
NUMBER IN THREE INCH CIRCLE	=	10		

11 Feb 1900

FILE:/PATTERNING/CENTERFIRE_PATT/C6225100

CENTERFIRE PATTERNS # 2

POA



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 9

HS= 1.367

VS= 2.973

GS= 3.162

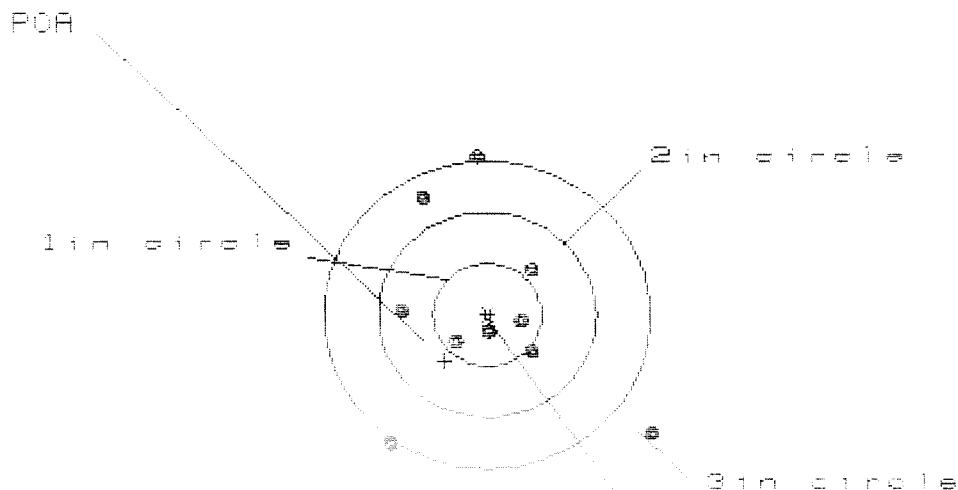
CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.694	.619	.592
MINIMUM X	:	-.673	-.494	-.521
MAXIMUM Y	:	1.659	1.584	1.496
MINIMUM Y	:	-1.314	-1.129	-.931
CENTROID X	:	.588	.663	.690
CENTROID Y	:	-.114	-.299	-.496
POA TO CENTROID in.	:	.599	.727	.850
MIN RADIUS	:	.132	.255	.420
MEAN RADIUS	:	1.062	.961	.847
MAX RADIUS	:	1.791	1.599	1.585
HORIZONTAL SPREAD	:	1.367	1.113	1.113
VERTICAL SPREAD	:	2.973	2.713	2.428
EXTREME SPREAD	:	3.162	2.768	2.564
NUMBER IN ONE INCH CIRCLE =	:	1		
NUMBER IN TWO INCH CIRCLE =	:	4		
NUMBER IN THREE INCH CIRCLE =	:	9		

11 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225180

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 6

3 in = 7

HS= 2.356

VS= 2.806

GS= 3.130

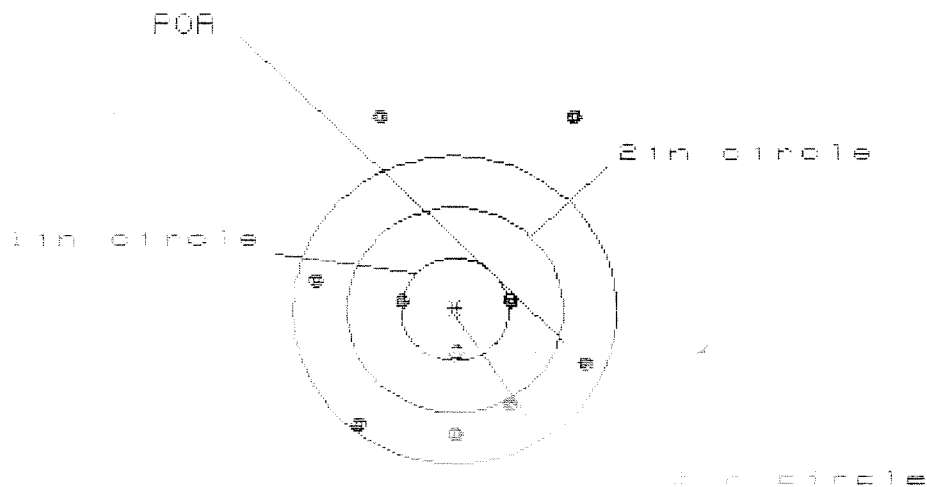
CENTROID +

PATTERN #	:	3	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.461	.575	.589
MINIMUM X	:	-.895	-.733	-.719
MAXIMUM Y	:	1.587	1.459	1.196
MINIMUM Y	:	-1.219	-1.347	-1.165
CENTROID X	:	.391	.229	.215
CENTROID Y	:	.457	.585	.403
POA TO CENTROID in.	:	.602	.629	.457
MIN RADIUS	:	.160	.318	.183
MEAN RADIUS	:	.903	.819	.699
MAX RADIUS	:	1.861	1.534	1.369
HORIZONTAL SPREAD	:	2.356	1.308	1.308
VERTICAL SPREAD	:	2.806	2.806	2.361
EXTREME SPREAD	:	3.130	2.930	2.386
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		7	

11 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225100

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 3

3 in = 8

HS= 2.502

VS= 3.026

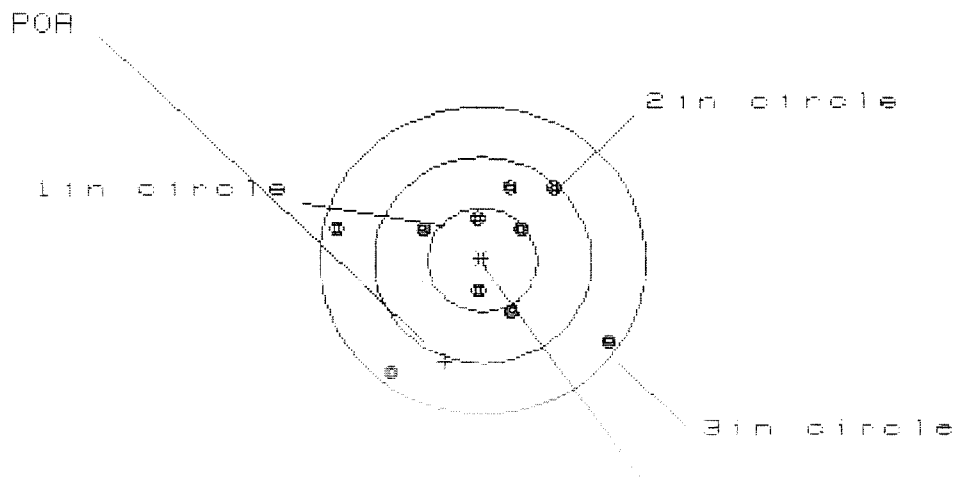
GS= 3.541

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.201	1.325	1.250
MINIMUM X	-1.301	-1.177	-1.252
MAXIMUM Y	1.846	2.048	.781
MINIMUM Y	-1.180	-.975	-.719
CENTROID X	-1.212	-1.336	-1.261
CENTROID Y	.513	.308	.052
POA TO CENTROID in.	1.316	1.371	1.262
MIN RADIUS	.425	.240	.043
MEAN RADIUS	1.190	1.034	.841
MAX RADIUS	2.159	2.135	1.476
HORIZONTAL SPREAD	2.502	2.502	2.500
VERTICAL SPREAD	3.026	3.023	1.500
EXTREME SPREAD	3.541	3.117	2.648
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	8		

11 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8225100

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 7

3 in = 10

HS= 2.500

VS= 1.811

GS= 2.724

CENTROID #

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.195	.833	.745
MINIMUM X	-1.305	-1.172	-1.260
MAXIMUM Y	.699	.615	.466
MINIMUM Y	-1.112	-1.196	-.755
CENTROID X	.342	.209	.297
CENTROID Y	.990	1.074	1.223
POA TO CENTROID in.	1.047	1.094	1.259
MIN RADIUS	.328	.291	.146
MEAN RADIUS	.826	.752	.637
MAX RADIUS	1.416	1.388	1.263
HORIZONTAL SPREAD	2.500	2.005	2.005
VERTICAL SPREAD	1.811	1.811	1.221
EXTREME SPREAD	2.724	2.361	2.037
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6225100

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 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 0048919 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			5/4/96	JW
	G) Safety Off Force	4	4	4			5/4/96	JW
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.024	.0235	.0235			5/4/96	JW
	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							
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection A) Headspace							
	B) Trigger Pull	2.16	2.28	2.16	2.16	2.39	5/4/96	JW
	C) Function							
660	Pack							

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225/00

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock	9 12	8 8	FB
600	Proof	9 19	8 8	RW
607	Check Headspace	9 19	8 8	RW
610	Dis-assemble Gun	9 19	8 8	RW
612	Magnaflux Barrel Action		9-22-88	RK
	Magnaflux Bolt		9-22-88	RK
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)		10-31-88	TJA
	Apply Coating (Bolt)		10-31-88	TJA
625	Final Assembly A) Clean inside of Bolt Assembly		11/9/88	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/9/88	RW
	C) Inspect Ejector Hole for Chamfer		11/9/88	RW
	D) Oil Firing Pin Ass'y		11/9/88	RW
	E) Adjust Trigger Pull to Min Setting and Stake		9/10/88	GU

op. #	OP. NAME	READINGS					DATE	INITIAL
625 cont.	F) Safety On Force	5	5	5			11/10/88	JS
	G) Safety Off Force	3	3	3			11/10/88	JS
	H) Trigger Pull Test & Retainability						9/10/88	JU
	I) Firing Pin Indent	.022	.022	.022			11/10/88	JS
	J) Assemble Stock						11/15/88	RW
	K) Assemble Swivel Studs						30/10/88	JS
	L) Attach Front and Rear Sight Assemblies						11/15/88	RW
	M) Iron Sight Alignment						11/15/88	RW
	N) Detach Front & Rear Sights & place in numbered container						11/15/88	RW
	O) Attach Scope to Rifle						11/15/88	WCB
	P) Detach & Attach Scope 20 Times						11/15/88	WCB
640	Gallery Target & Test	50 R	103 L				11/15/88	P.C.
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope						11/15/88	JU
645	Inspect for Live Ammo						11/15/88	JU
655	Final Inspection							
	A) Headspace						30/10/88	JS
	B) Trigger Pull	2.59	2.55	2.56	2.52	2.52	30/10/88	JS
	C) Function						30/10/88	JS
660	Pack						14/Dec 88	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C 6 225100DATE 11-9-88TESTER J.21.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.48	2.25	2.44	2.59	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.40	2.34	2.41	2.55	
PULL #3	2.37	2.30	2.41	2.56	
PULL #4	2.52	2.33	2.37	2.57	
PULL #5	2.47	2.39	2.42	2.52	
TOTAL	12.24	11.61	12.04	12.74	
AVG.	2.448	2.322	2.408	2.548	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.27	3.36		
PULL #2	3.35	3.54		
PULL #3	3.39	3.40		
PULL #4	3.33	3.38		
PULL #5	3.34	3.40		
TOTAL	16.68	17.58		
AVG.	3.336	3.516		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.14	4.11		4.07
PULL #2	4.18	4.12		4.03
PULL #3	4.16	4.13		4.03
PULL #4	4.07	4.15		4.11
PULL #5	4.18	4.17		4.03
TOTAL	20.73	20.68		20.27
AVG.	4.146	4.136		4.054

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225100

CENTROIDAL DISTANCES

0 TO	1	.442295
1 TO	2	.223289
1 TO	3	.598206
1 TO	4	.585589
1 TO	5	.343431

 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0086
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1186
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .118911
THE AMR FOR THIS RIFLE IS: .8468

15 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225100

CENTERFIRE PATTERNS

1

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 2

2in = 8

3in = 10

HS= 1.901

VS= 2.025

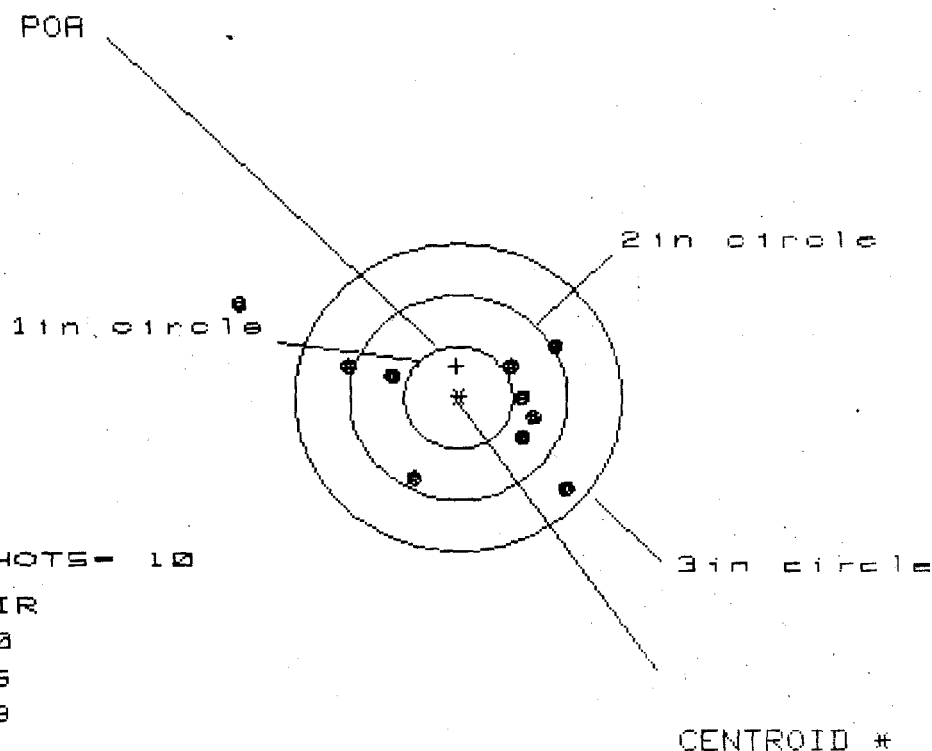
GS= 2.039

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.978	.938	.917
MINIMUM X	:	-.923	-.963	-.984
MAXIMUM Y	:	1.023	.912	.584
MINIMUM Y	:	-1.002	-.665	-.551
CENTROID X	:	.228	.268	.289
CENTROID Y	:	-.379	-.268	-.382
POA TO CENTROID in.	:	.443	.379	.479
MIN RADIUS	:	.244	.352	.239
MEAN RADIUS	:	.749	.714	.671
MAX RADIUS	:	1.065	1.050	1.030
HORIZONTAL SPREAD	:	1.901	1.901	1.901
VERTICAL SPREAD	:	2.025	1.577	1.135
EXTREME SPREAD	:	2.039	1.908	1.908
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

15 Nov 1986

FILE:/PATTERNING/CENTERFIRE_PATT/C6225180

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 6

3 in = 9

HS= 3.010

VS= 1.773

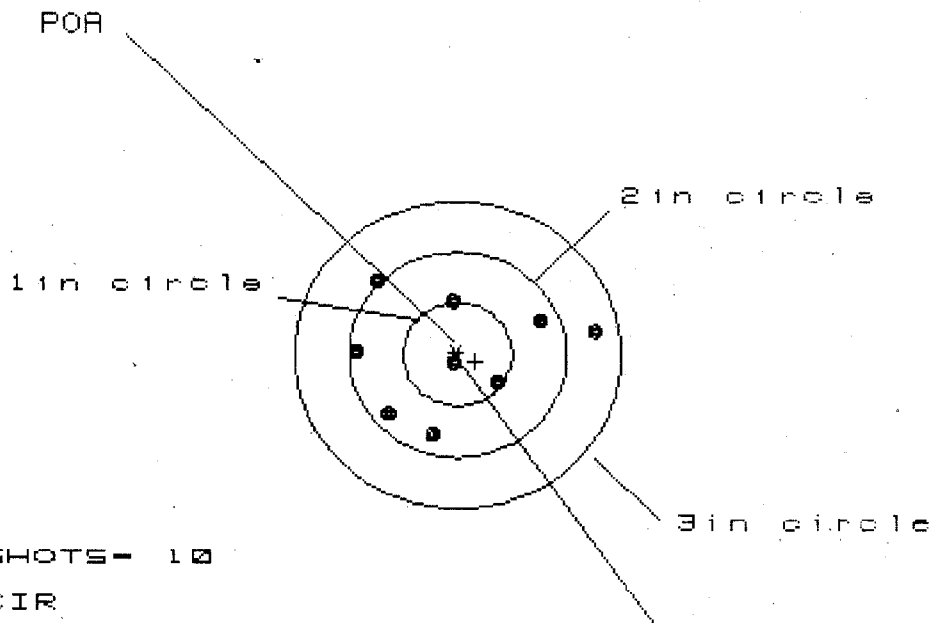
GS= 3.500

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.964	.736	.723
MINIMUM X	:	-2.054	-1.196	-1.104
MAXIMUM Y	:	.873	.621	.520
MINIMUM Y	:	-.900	-.803	-.746
CENTROID X	:	.015	.243	.151
CENTROID Y	:	-.312	-.409	-.308
POA TO CENTROID in.	:	.312	.476	.344
MIN RADIUS	:	.538	.338	.402
MEAN RADIUS	:	.958	.755	.723
MAX RADIUS	:	2.232	1.255	1.139
HORIZONTAL SPREAD	:	3.018	1.932	1.827
VERTICAL SPREAD	:	1.773	1.424	1.267
EXTREME SPREAD	:	3.500	2.264	1.843
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

15 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225100

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 3

2in = 8

3in = 10

HS= 2.262

VS= 1.542

GS= 2.272

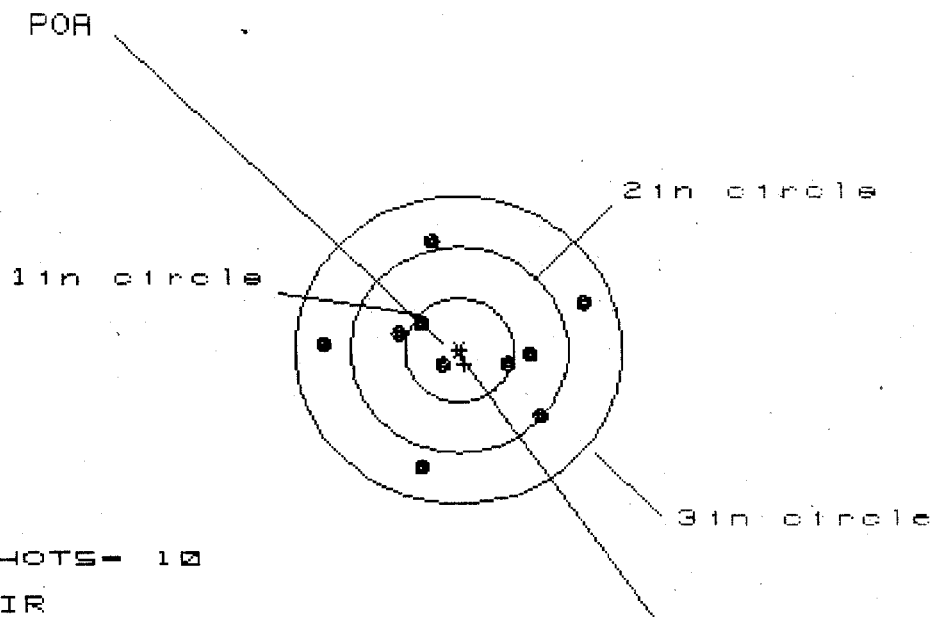
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.282	.864	.784
MINIMUM X	:	-.980	-.838	-.918
MAXIMUM Y	:	.727	.757	.699
MINIMUM Y	:	-.815	-.785	-.690
CENTROID X	:	-.165	-.307	-.227
CENTROID Y	:	.072	.042	-.053
POA TO CENTROID in.	:	.180	.310	.233
MIN RADIUS	:	.078	.070	.094
MEAN RADIUS	:	.736	.670	.612
MAX RADIUS	:	1.310	.992	.935
HORIZONTAL SPREAD	:	2.262	1.702	1.702
VERTICAL SPREAD	:	1.542	1.542	1.389
EXTREME SPREAD	:	2.272	1.728	1.728
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

15 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225100

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in - 3

2 in - 6

3 in = 10

HS- 2.389

VS- 2.108

GS- 2.427

CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.161	.838	.701
MINIMUM X	:	-1.228	-1.099	-.603
MAXIMUM Y	:	1.017	1.071	1.085
MINIMUM Y	:	-1.091	-1.037	-1.024
CENTROID X	:	-.047	-.176	-.038
CENTROID Y	:	.138	.084	.071
POA TO CENTROID in.	:	.146	.195	.080
MIN RADIUS	:	.199	.063	.183
MEAN RADIUS	:	.801	.733	.689
MAX RADIUS	:	1.257	1.105	1.112
HORIZONTAL SPREAD	:	2.389	1.937	1.303
VERTICAL SPREAD	:	2.108	2.108	2.108
EXTREME SPREAD	:	2.427	2.114	2.114
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

15 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225100

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 0

2in = 6

3in = 10

HS= 2.405

VS= 2.116

GS= 2.489

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.277	.882	.991
MINIMUM X	-1.128	-.986	-.877
MAXIMUM Y	1.020	.982	.764
MINIMUM Y	-1.096	-1.134	-1.011
CENTROID X	.012	-.130	-.239
CENTROID Y	-.112	-.074	-.197
POA TO CENTROID in.	.112	.150	.310
MIN RADIUS	.610	.465	.447
MEAN RADIUS	.990	.933	.874
MAX RADIUS	1.320	1.313	1.270
HORIZONTAL SPREAD	2.405	1.868	1.868
VERTICAL SPREAD	2.116	2.116	1.775
EXTREME SPREAD	2.489	2.221	2.163
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	