

C6611396

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

RECEIVED M24 MOUNTING REPORT

COMMENTS

ORDER
R 94-18797

INITIAL	CUSTOMER ORDER NO.	W/10X SCOPE M-24 SNIPER W/DEPLOYMENT KIT			
JJM	DAAA09-92-C-0834	ATTN FRED MARTIN <i>Scope S/N 89-1377</i>			
DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
06/14/94	06/15/94		C6611396		700 7.62 NATO
ACCESSORIES	HARD CASE	SCOPE MNTS	SCOPE BASE	SLING STRAP	

FROM:

SHIP TO:

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

AL 36201-5025

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

AL 36201-5025

CUST NO: 098397 C.D.D.L

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA
					UPS

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					
<i>✓ Barrel</i>						
<i>✗ Trigger Assy</i>						
	REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
	GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
				<i>6/17/96</i>	<i>6/17/96</i>	

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0676111
M2400076150

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6611396

DATE 6-12-96

TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.79	2.64	2.88		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.77	2.65	2.86		
PULL #3	2.78	2.73	2.80		
PULL #4	2.78	2.70	2.78		
PULL #5	2.81	2.72	2.91		
TOTAL	13.86	13.44	14.23		
AVG.	2.77	2.68	2.84		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.08	3.06		
PULL #2	3.00	3.06		
PULL #3	3.00	2.97		
PULL #4	3.00	2.93		
PULL #5	3.13	2.97		
TOTAL	15.21	14.99		
AVG.	3.04	2.99		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.20	3.88		4.18
PULL #2	4.00	3.92		4.16
PULL #3	3.95	3.83		4.16
PULL #4	4.01	3.88		4.14
PULL #5	3.94	3.80		4.16
TOTAL	20.10	19.31		20.80
AVG.	4.02	3.86		4.16

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611396
16 Apr 1900

CENTROIDAL DISTANCES

0 TO	1	.603458
1 TO	2	.103078
1 TO	3	.771186
1 TO	4	.323113
1 TO	5	.277852

st
st <----FOR

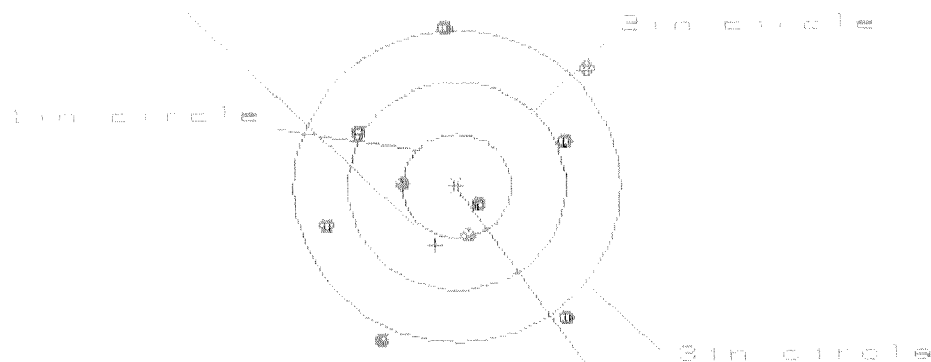
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .045
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .3332
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .336225
THE AMR FOR THIS RIFLE IS: .998

FILE # 1908

FILE: PATTERNING CENTERFIRE_PATT-06611396

CENTERFIRE PATTERNS # 1

POA



+ OF SHOTS = 10

IN CIR

1 in = 3

2 in = 4

3 in = 5

HS = 2.425

VS = 3.064

GS = 3.226

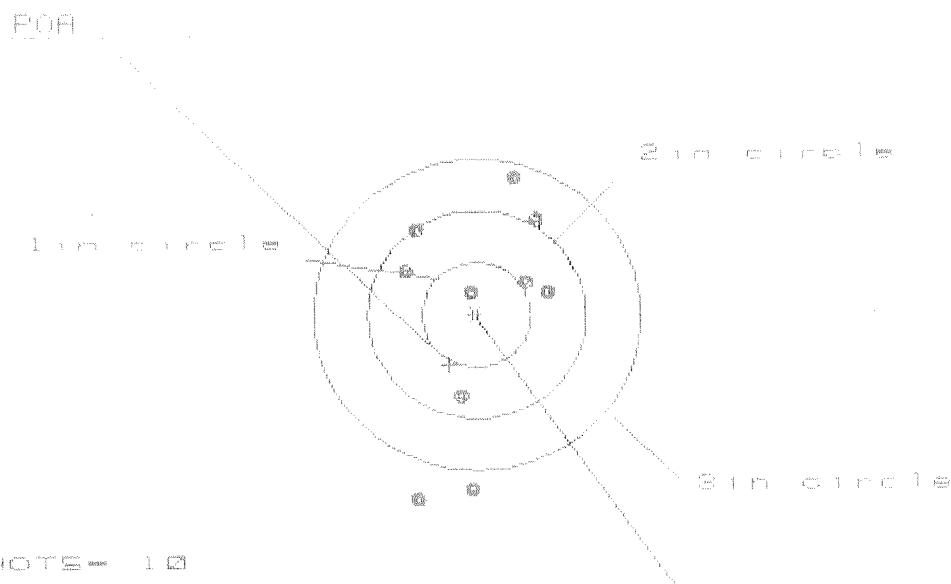
CENTROID #

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.182	1.100	1.219
MINIMUM X	-1.243	-1.325	-1.206
MAXIMUM Y	1.577	1.412	1.233
MINIMUM Y	-1.486	-1.435	-1.779
CENTROID X	.201	.283	.164
CENTROID Y	.569	.735	.914
POA TO CENTROID in.	.604	.787	.929
MIN RADIUS	.244	.337	.532
MEAN RADIUS	1.104	1.053	.975
MAX RADIUS	1.660	1.720	1.437
HORIZONTAL SPREAD	2.425	2.425	2.425
VERTICAL SPREAD	3.064	2.847	2.012
EXTREME SPREAD	3.226	3.077	2.820
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	5		

19 Nov 9008

FILE: PATTERNING/CENTERFIRE_PATT/C6611396

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 1.323

VS= 3.105

GS= 3.234

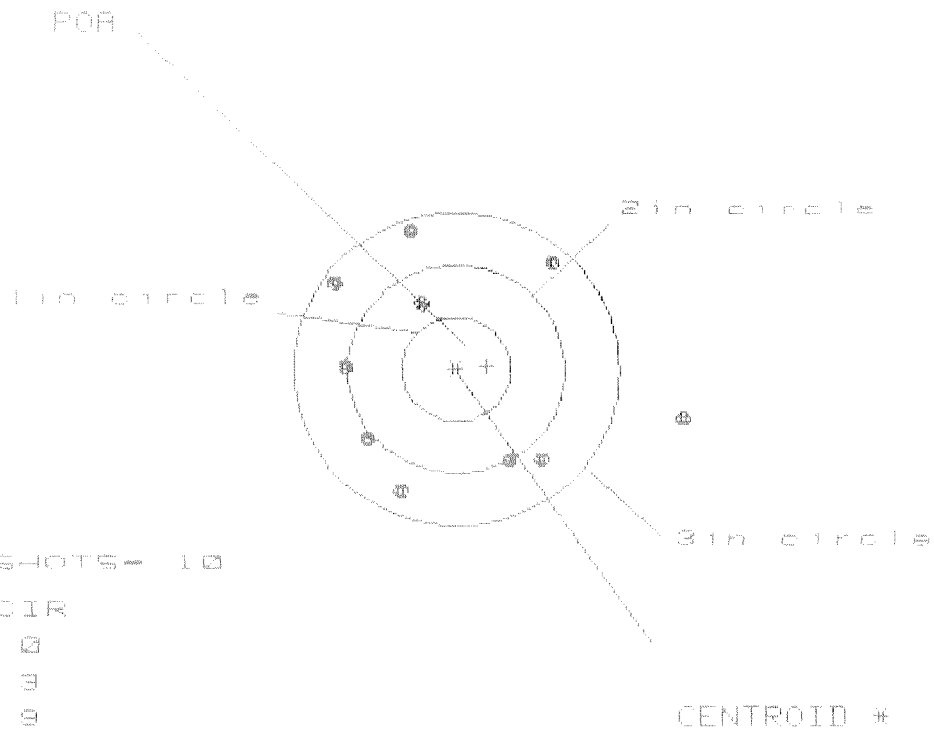
CENTROID +

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.678	.616	.599
MINIMUM X	:	-.645	-.707	-.724
MAXIMUM Y	:	1.279	1.076	.843
MINIMUM Y	:	-1.826	-1.863	-1.219
CENTROID X	:	.253	.315	.332
CENTROID Y	:	.480	.683	.916
POA TO CENTROID in.	:	.543	.752	.974
MIN RADIUS	:	.239	.087	.220
MEAN RADIUS	:	1.000	.839	.683
MAX RADIUS	:	1.910	1.868	1.242
HORIZONTAL SPREAD	:	1.323	1.323	1.323
VERTICAL SPREAD	:	3.105	2.939	2.062
EXTREME SPREAD	:	3.234	2.969	2.123
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	8		

1- 0p- 1988

FULL: PATTERNING-CENTERFIRE_PATT/C3611396

CENTERFIRE PATTERNS # 3



HS- 3.169

VS- 2.497

GS- 3.447

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.085	1.090	1.064
MINIMUM X	-1.084	-0.852	-0.878
MAXIMUM Y	1.376	1.323	1.166
MINIMUM Y	-1.121	-1.174	-1.009
CENTROID X	-0.281	-0.513	-0.487
CENTROID Y	-0.033	0.020	-0.145
POA TO CENTROID in.	0.283	0.513	0.508
MIN RADIUS	0.749	0.619	0.786
MEAN RADIUS	1.251	1.115	1.076
MAX RADIUS	2.140	1.479	1.579
HORIZONTAL SPREAD	3.169	1.942	1.942
VERTICAL SPREAD	2.497	2.497	2.175
EXTREME SPREAD	3.447	2.571	2.571
NUMBER IN ONE INCH CIRCLE	=	0	
NUMBER IN TWO INCH CIRCLE	=	3	
NUMBER IN THREE INCH CIRCLE	=	9	

16 Apr 1988

FILE: PATTERNING/CENTERFIRE_PATT/06611396

CENTERFIRE PATTERNS # 4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in - 1

2 in - 5

3 in - 9

HS= 2.758

VS= 1.815

GS= 2.846

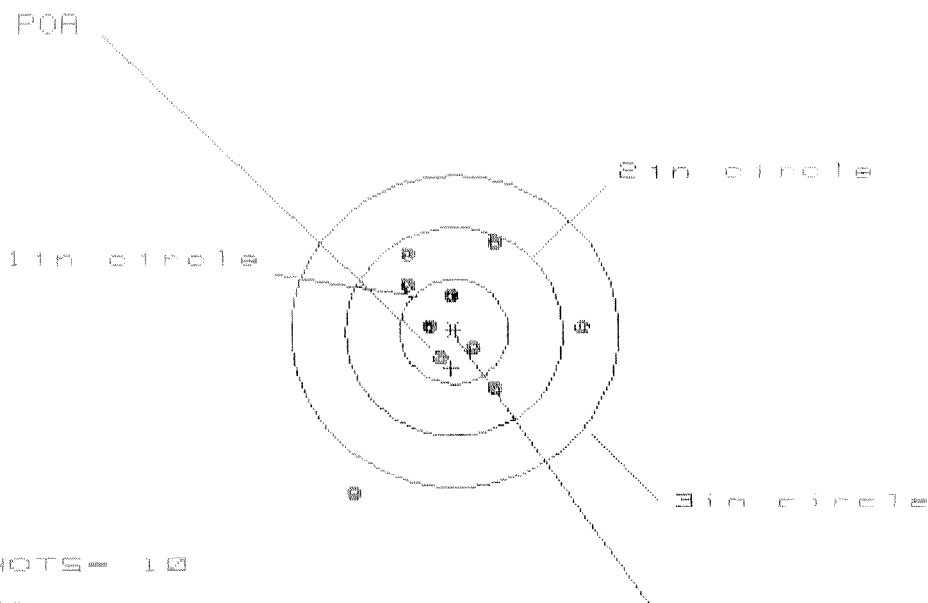
CENTROID #

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.254	1.087	.933
MINIMUM X	:	-1.504	-.892	-.756
MAXIMUM Y	:	.786	.729	.746
MINIMUM Y	:	-1.029	-1.086	-1.069
CENTROID X	:	.022	.189	.053
CENTROID Y	:	.300	.357	.340
POA TO CENTROID in.	:		.404	.344
MIN RADIUS	:		.164	.197
MEAN RADIUS	:		.810	.773
MAX RADIUS	:	.788	1.352	1.253
HORIZONTAL SPREAD	:	2.758	1.979	1.689
VERTICAL SPREAD	:	1.815	1.815	1.815
EXTREME SPREAD	:	2.846	2.289	2.190
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=			9

16 Apr 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6611396

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 4

2in = 8

3in = 9

HS= 2.090

VS= 2.354

GS= 2.676

CENTROID #

PATTERN #	:	5	:	8
SHOTS (BEST OF)	:	10	:	8
MAXIMUM X	:	1.17	:	.428
MINIMUM X	:	-.27	:	-.418
MAXIMUM Y	:	.85	:	.666
MINIMUM Y	:	-1.502	:	-.782
CENTROID X	:	.030	:	-.008
CENTROID Y	:	.350	:	.536
POA TO CENTROID in.	:	.352	:	.536
MIN RADIUS	:	.240	:	.184
MEAN RADIUS	:	.720	:	.512
MAX RADIUS	:	.74	:	.892
HORIZONTAL SPREAD	:	2.090	:	.846
VERTICAL SPREAD	:	2.354	:	1.448
EXTREME SPREAD	:	2.676	:	1.555
NUMBER IN ONE INCH CIRCLE	:	4	:	
NUMBER IN TWO INCH CIRCLE	:	8	:	
NUMBER IN THREE INCH CIRCLE	:	9	:	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

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 0076120 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5 3/4	5 1/2	5 1/2			6/24/96	WB
	G) Safety Off Force	3	3	3			6/24/96	WB
	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							
	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	2.58	2.58	2.52	2.56	2.63	6/20/96	WB
	C) Function							
660	Pack							

Remington
REG. U.S. PAT. & TM. OFF.

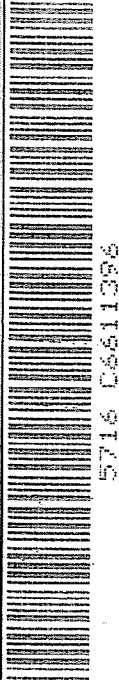
MODEL 700™ M24

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

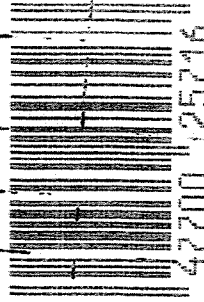
SERIAL NO.
C6611396

ORDER NO.
5715

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



UPC



GFA

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611396

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1 25	91	Rw
600	Proof	1 25	91	Rw
607	Check Headspace	1 25	91	Rw
610	Dis-assemble Gun	1 25	91	Rw
612	Magnaflux Barrel Action	1 25	91	KR
	Magnaflux Bolt	1 25	91	KR
615	Rollmark Caliber	1 25	91	JS
617	Drill and Tap Sight Holes	1 30	91	LB
618	Polish Barrel <i>ABB</i>	1 30	91	WB
620	Apply Coatings (Barrel Action)		2-10-91	DA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/11/91	Rw
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/11/91	Rw
	C) Inspect Ejector Hole for Chamfer		2/11/91	Rw
	D) Oil Firing Pin Ass'y		2/11/91	Rw
	E) Adjust Trigger Pull to Min Setting and Stake		2/16/91	TH

op. #	BARBER M24 0076123	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 1/4	4 1/4	4 1/4			2/16/91	WB
	G) Safety Off Force	2 3/4	2 3/4	2 3/4			2/16/91	WB
	H) Trigger Pull Test & Retainability						2/16/91	8/1
	I) Firing Pin Indent	.020	.0207	.0205			2/16/91	WB
	J) Assemble Stock						2/18/91	Rw
	K) Assemble Swivel Studs						2-22-91	E
	L) Attach Front and Rear Sight Assemblies						2/18/91	Rw
	M) Iron Sight Alignment						2/18/91	Rw
	N) Detach Front & Rear Sights & place in numbered container						2/18/91	Rw
	O) Attach Scope to Rifle						2/18/91	Rw
	P) Detach & Attach Scope 20 Times						2/18/91	Rw
640	Gallery Target & Test						2-20-91	DH
	A) Time						2-20-91	DH
	B) Malfunctions						2-20-91	DH
	C) Pierced Primers						2-20-91	DH
	D) Optical Clarity of Scope						2-20-91	DH
645	Inspect for Live Ammo						2-20-91	DH
655	Final Inspection							
	A) Headspace						2-22-91	E
	B) Trigger Pull	2.62	2.45	2.44	2.38	2.36	2/21/91	8/1
	C) Function						2-22-91	E
660	Pack						3-18-91	N

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. CC611396DATE 2/16/91TESTER JT

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.21	2.38	2.35	2.52	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.25	2.31	2.30	2.45	
PULL #3	2.54	2.37	2.32	2.44	
PULL #4	2.39	2.40	2.38	2.38	
PULL #5	2.41	2.36	2.38	2.36	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.36	3.40		
PULL #2	3.29	3.30		
PULL #3	3.32	3.20		
PULL #4	3.17	3.13		
PULL #5	3.32	3.20		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.40	4.47		4.56
PULL #2	4.39	4.40		4.55
PULL #3	4.43	4.36		4.35
PULL #4	4.40	4.49		4.54
PULL #5	4.43	4.48		4.32
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06611396
28 Feb 1991

CENTROIDAL DISTANCES

2 TO	1	.209745
1 TO	2	.0898928
1 TO	3	.270017
1 TO	4	.470986
1 TO	5	.0952103

43

-----POA

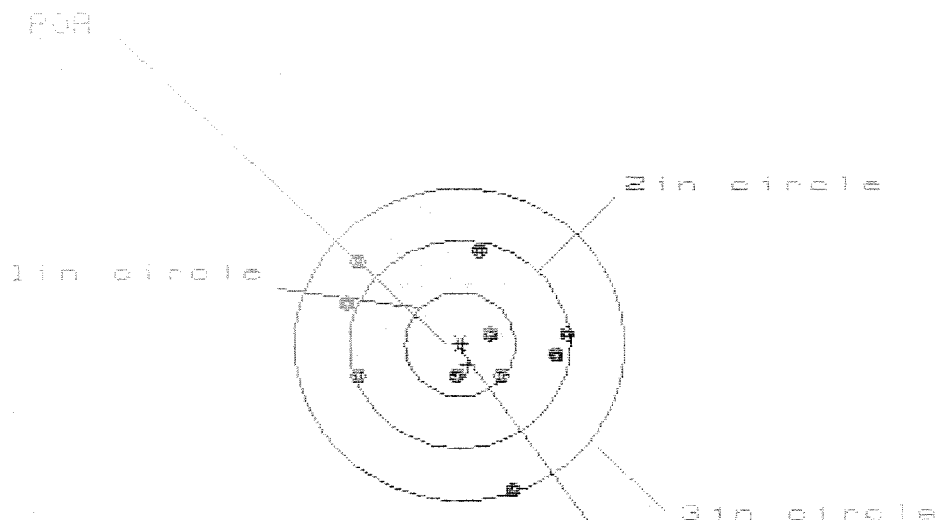
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1445
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0738
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .163263
THE RMX FOR THIS RIFLE IS: .8452

28 Feb 1951

FILE:/PATTERNING/CENTERFIRE_PATT/C6611396

CENTERFIRE PATTERNS

1



OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 10

HS= 2.026

VS= 2.252

GS= 2.569

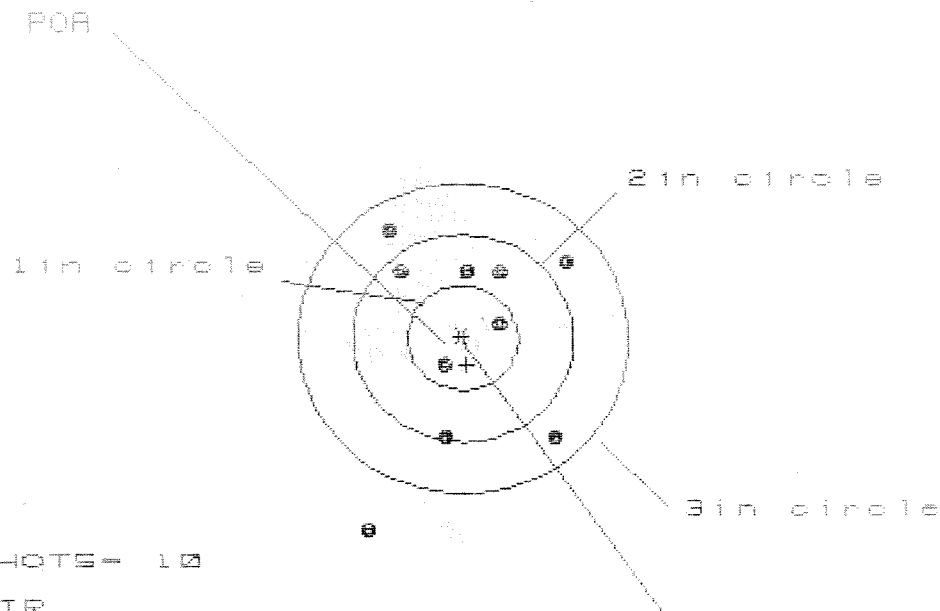
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.949	.996	.889
MINIMUM X	-1.077	-1.030	-1.137
MAXIMUM Y	.888	.736	.822
MINIMUM Y	-1.364	-.488	-.394
CENTROID X	-.072	-.119	-.012
CENTROID Y	.197	.349	.263
POA TO CENTROID in.	.210	.369	.264
MIN RADIUS	.239	.295	.172
MEAN RADIUS	.848	.797	.720
MAX RADIUS	1.428	1.096	1.199
HORIZONTAL SPREAD	2.026	2.026	2.026
VERTICAL SPREAD	2.252	1.216	1.216
EXTREME SPREAD	2.569	2.051	2.051
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

20 Feb 1981

FILE:/PATTERNING/CENTERFIRE_PATT/C8B11396

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 1.782

VS= 2.861

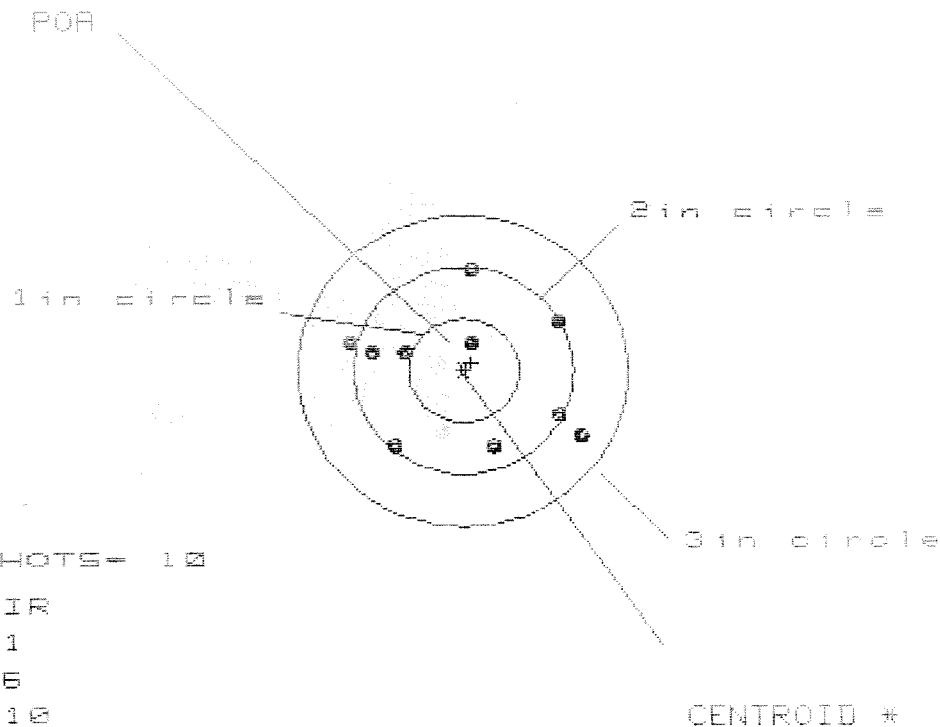
GS= 3.128

PATTERN #	2	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.900	.802	.893
MINIMUM X	-.882	-.795	-.784
MAXIMUM Y	1.043	.841	.698
MINIMUM Y	-1.818	-1.143	-1.271
CENTROID X	-.033	.065	-.026
CENTROID Y	.255	.457	.600
POA TO CENTROID in.	.257	.462	.601
MIN RADIUS	.307	.265	.293
MEAN RADIUS	.964	.806	.717
MAX RADIUS	2.021	1.358	1.278
HORIZONTAL SPREAD	1.782	1.597	1.597
VERTICAL SPREAD	2.861	1.984	1.969
EXTREME SPREAD	3.128	2.504	2.050
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

28 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611396

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 6

3 in = 10

HS= 2.119

VS= 1.730

GS= 2.285

CENTROID *

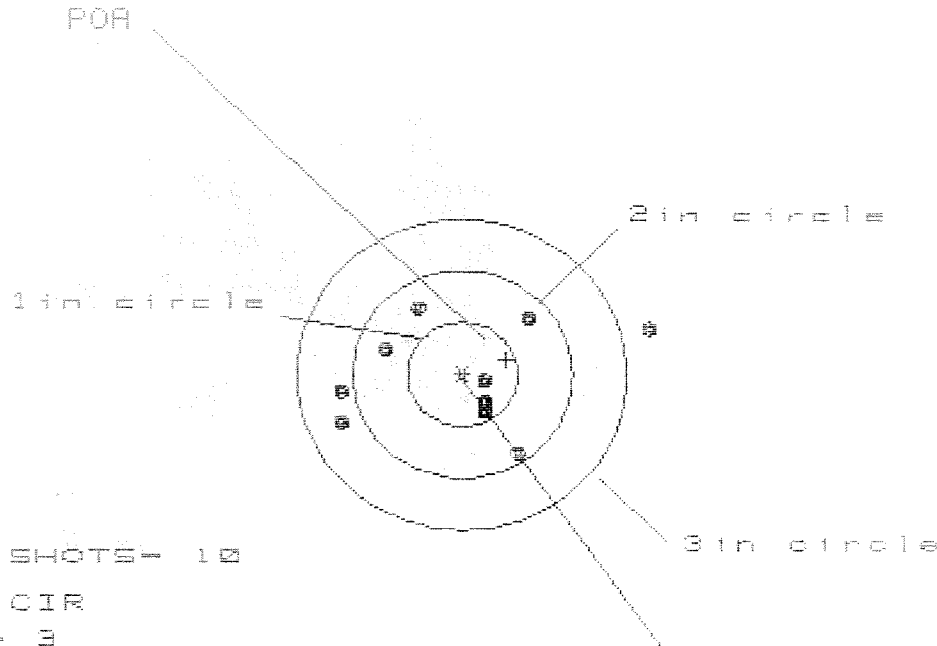
PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.058
MINIMUM X	-1.061
MAXIMUM Y	1.020
MINIMUM Y	-0.710
CENTROID X	-0.069
CENTROID Y	-0.073
POA TO CENTROID in.	.100
MIN RADIUS	.319
MEAN RADIUS	.877
MAX RADIUS	1.213
HORIZONTAL SPREAD	2.119
VERTICAL SPREAD	1.730
EXTREME SPREAD	2.285
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	6
NUMBER IN THREE INCH CIRCLE =	10

28 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611396

CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 9

HS= 2.851

VS= 1.391

GS= 2.882

CENTROID *

PATTERN #

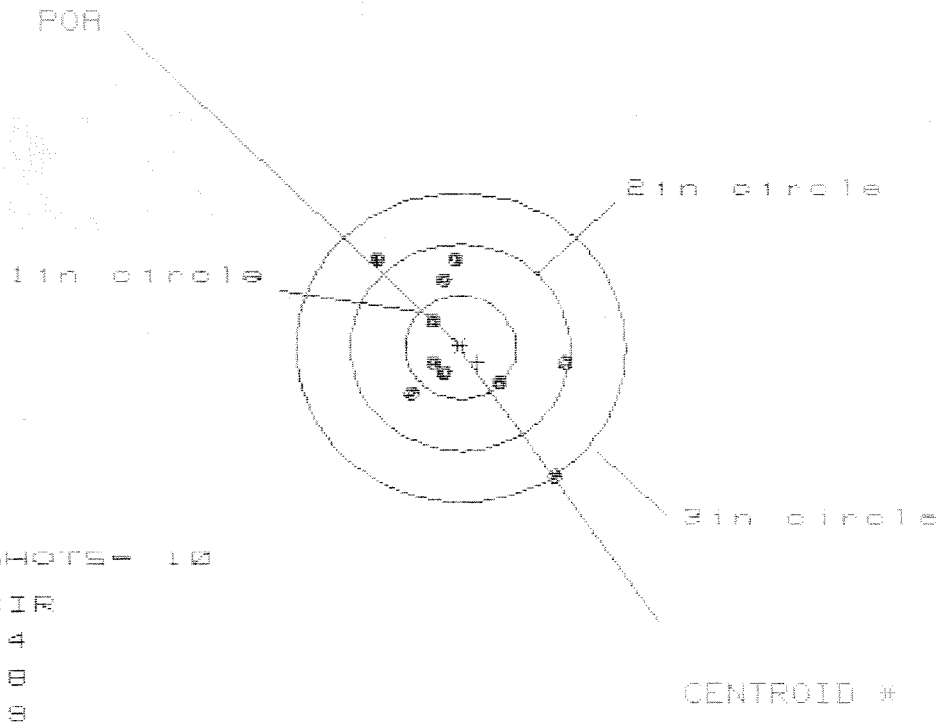
4

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.704	.833	.713
MINIMUM X	-1.147	-.957	-.987
MAXIMUM Y	.680	.726	.674
MINIMUM Y	-.711	-.665	-.717
CENTROID X	-.400	-.589	-.469
CENTROID Y	-.141	-.187	-.135
POA TO CENTROID in.	.424	.618	.488
MIN RADIUS	.175	.360	.245
MEAN RADIUS	.820	.725	.661
MAX RADIUS	1.754	1.043	1.002
HORIZONTAL SPREAD	2.851	1.790	1.700
VERTICAL SPREAD	1.391	1.391	1.391
EXTREME SPREAD	2.982	2.072	1.857
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

28 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06511396

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1in = 4

2in = 8

3in = 9

HS = 1.713

VS = 2.178

GS = 2.714

PATTERN #

5

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.917	1.009	.921
MINIMUM X	:	-.795	-.704	-.409
MAXIMUM Y	:	.893	.750	.825
MINIMUM Y	:	-1.285	-.599	-.505
CENTROID X	:	-.149	-.241	-.153
CENTROID Y	:	.141	.284	.190
FOR TO CENTROID in.	:	.206	.372	.244
MIN RADIUS	:	.238	.226	.290
MEAN RADIUS	:	.717	.617	.560
MAX RADIUS	:	1.527	1.044	.937
HORIZONTAL SPREAD	:	1.713	1.713	1.330
VERTICAL SPREAD	:	2.178	1.349	1.330
EXTREME SPREAD	:	2.714	1.992	1.388
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	