

BARBER - M24 0103272

FORM

UPC



0 47700 25716 7

C6665846

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0103272 M2400103311

MODEL 700 TM M24

ORDER NO.	5716
BARREL LENGTH	
CAPACITY*	
*INCLUDES 1 IN CHAMBER	

Remington



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

MODEL 700™ M24

SERIAL NO.

C6665846

ORDER NO.

5716

20

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



5716 C6665846

ORDER 5716

MODEL 700™ M24

UPC



0 47700 25716 7

ORDER 5716

MODEL 700™ M24

UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6665846

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10 1	91	PW
600	Proof	10 1	91	PW
607	Check Headspace	10 1	91	PW
610	Dis-assemble Gun	10 1	91	PW
612	Magnaflux Barrel Action		OCT 8 1991	KR
	Magnaflux Bolt		OCT 8 1991	KR
615	Rollmark Caliber		OCT 8 1991	SS
617	Drill and Tap Sight Holes		OCT 8 1991	F.B
618	Polish Barrel		10/15/91	WB
620	Apply Coatings (Barrel Action)		11/2/91	X
	Apply Coating (Bolt)		11/2/91	X
625	Final Assembly A) Clean inside of Bolt Assembly		11/11/91	PW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/11/91	PW
	C) Inspect Ejector Hole for Chamfer		11/11/91	PW
	D) Oil Firing Pin Ass'y		11/11/91	PW
	E) Adjust Trigger Pull to Min Setting and Stake		12/26/91	WB

op. #	NAME BARBER M24 0103276	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 $\frac{3}{4}$	4 $\frac{1}{4}$	4 $\frac{3}{4}$			12-26-91	D/H
	G) Safety Off Force	3	3	2 $\frac{3}{4}$			12-26-91	D/H
	H) Trigger Pull Test & Retainability						12/26/91	W.B
	I) Firing Pin Indent	.020	.020	.020			12-26-91	D/H
	J) Assemble Stock						12/30/91	RW
	K) Assemble Swivel Studs						12-30-91	Ac
	L) Attach Front and Rear Sight Assemblies						12/30/91	RW
	M) Iron Sight Alignment						12/30/91	RW
	N) Detach Front & Rear Sights & place in numbered container						12/30/91	RW
	O) Attach Scope to Rifle						12/30/91	RW
	P) Detach & Attach Scope 20 Times						12/30/91	RW
640	Gallery Target & Test						12-30-91	A
	A) Time						12-30-91	A
	B) Malfunctions						12-30-91	A
	C) Pierced Primers						12-30-91	A
	D) Optical Clarity of Scope						12-30-91	A
645	Inspect for Live Ammo						12-30-91	A
655	Final Inspection							
	A) Headspace						12-30-91	A
	B) Trigger Pull	2.36	2.35	2.34	2.37	2.33	12/30/91	W.B
	C) Function						12-30-91	Ac
660	Pack						2-25-92	VF

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

SERIAL NO.

DATE

TESTER

C6665846

12/26/91

W.B.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.40	2.41	2.52	2.36	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.39	2.32	2.39	2.35	
PULL #3	2.43	2.41	2.58	2.34	
PULL #4	2.41	2.41	2.46	2.37	
PULL #5	2.30	2.39	2.50	2.33	
TOTAL	11.93	11.94	12.45	11.75	
AVG.	2.39	2.39	2.49	2.35	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.04	3.09		
PULL #2	3.06	3.02		
PULL #3	3.07	3.11		
PULL #4	3.02	3.10		
PULL #5	3.08	3.08		
TOTAL	15.27	15.40		
AVG.	3.05	3.08		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.09	4.00		4.24
PULL #2	4.09	4.13		4.26
PULL #3	4.01	4.23		4.26
PULL #4	4.14	4.25		4.32
PULL #5	4.13	4.21		4.20
TOTAL	20.46	20.82		21.28
AVG.	4.09	4.16		4.25

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06665846
30 Dec 1991

CENTROIDAL DISTANCES

0 TO	1	.431005
1 TO	2	.942926
1 TO	3	.453547
1 TO	4	.297516
1 TO	5	1.08165

5
2
3+ <----POA
1

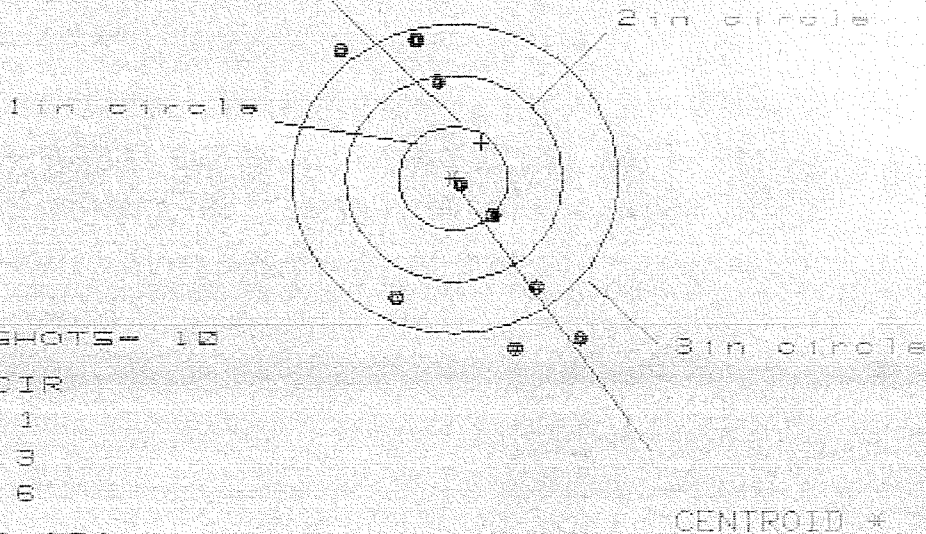
AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.105
AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .165
RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 4.195576
RE AMP FOR THIS RIFLE IS: 1.191

30 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8865846

CENTERFIRE PATTERNS # 1

POA



OF SHOTS = 10

IN CIR

1in = 1

2in = 3

3in = 6

HS = 2.171

VS = 3.883

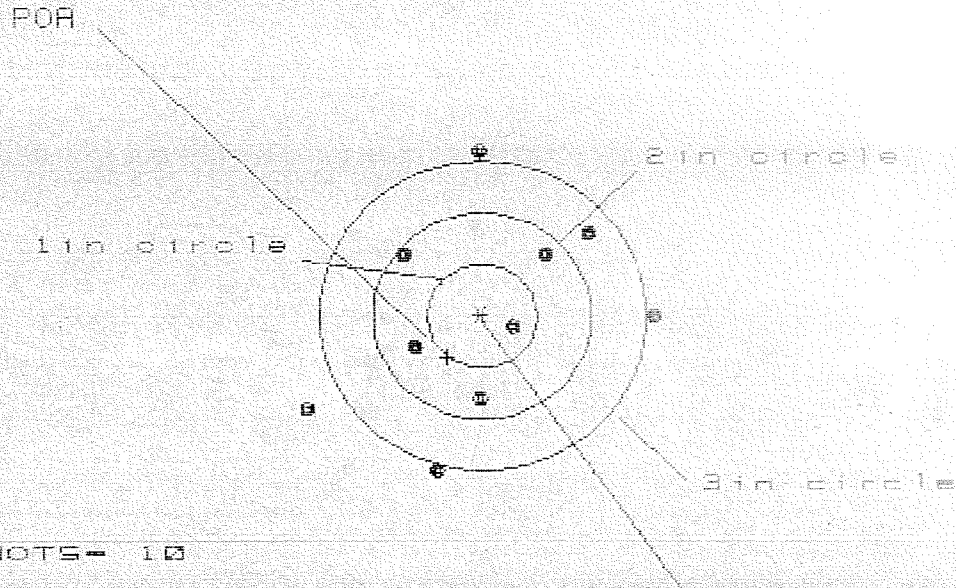
QS = 4.144

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.110	1.035	.786
MINIMUM X	-1.061	-1.136	-1.006
MAXIMUM Y	2.226	1.593	1.435
MINIMUM Y	-1.657	-1.410	-1.568
CENTROID X	-.257	-.182	-.312
CENTROID Y	-.346	-.593	-.435
POA TO CENTROID (in.)	.431	.621	.535
MIN RADIUS	.040	.239	.121
MEAN RADIUS	1.306	1.171	1.112
MAX RADIUS	2.326	1.858	1.681
HORIZONTAL SPREAD	2.171	2.171	1.792
VERTICAL SPREAD	3.883	3.003	3.003
EXTREME SPREAD	4.144	3.493	3.300
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	6		

30 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C86685846

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 6

HS = 3.159

VS = 3.079

GS = 3.303

CENTROID #

PATTERN #	2
SHOTS (BEST OF)	10
MAXIMUM X	1.572
MINIMUM X	-1.587
MAXIMUM Y	1.577
MINIMUM Y	-1.502
CENTROID X	.321
CENTROID Y	.399
FOR TO CENTROID in.	.512
MIN RADIUS	.256
MEAN RADIUS	1.113
MAX RADIUS	1.833
HORIZONTAL SPREAD	3.159
VERTICAL SPREAD	3.079
EXTREME SPREAD	3.303
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	6

30 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665846

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 3

2 in = 5

3 in = 9

HS = 1.397

VS = 2.643

GS = 2.989

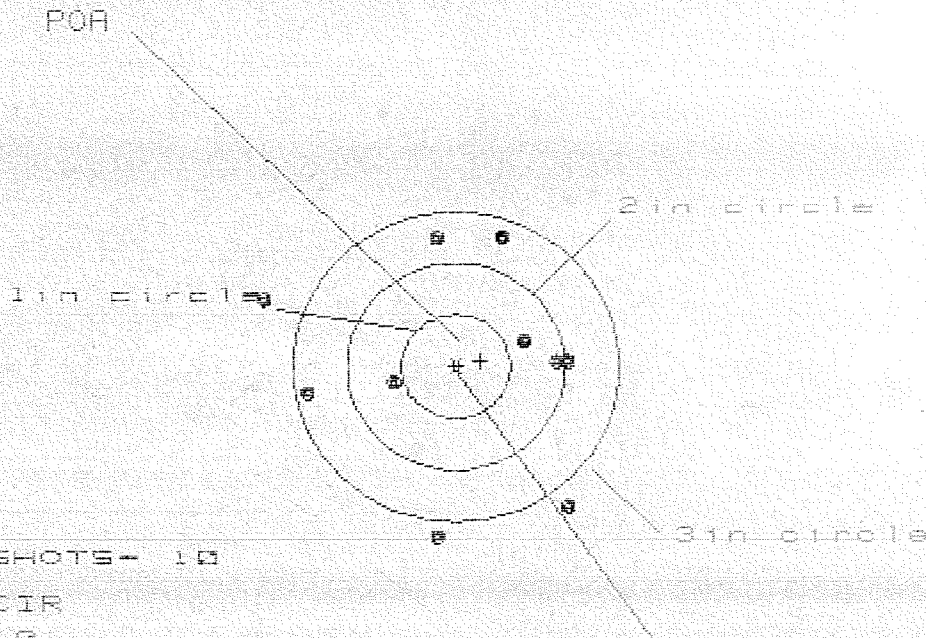
CENTROID #

PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.665	.583	.643
MINIMUM X	-.732	-.608	-.535
MAXIMUM Y	1.211	1.052	1.074
MINIMUM Y	-1.432	-1.227	-1.096
CENTROID X	-.305	-.223	-.296
CENTROID Y	.105	.264	.133
POA TO CENTROID in.	.322	.346	.325
MIN RADIUS	.137	.242	.154
MEAN RADIUS	.856	.760	.695
MAX RADIUS	1.608	1.369	1.219
HORIZONTAL SPREAD	1.397	1.191	1.178
VERTICAL SPREAD	2.643	2.279	2.170
EXTREME SPREAD	2.989	2.571	2.174
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

30 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6685846

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 3

3 in = 7

HS= 2.849

VS= 2.938

GS= 3.456

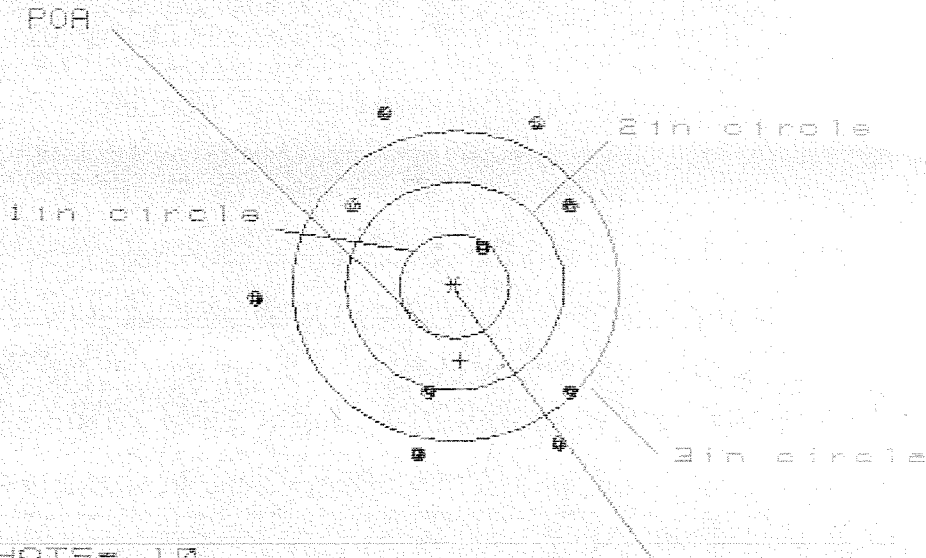
CENTROID *

PATTERN #	1	4	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.049	.849	.951
MINIMUM X	-1.800	-1.593	-1.492
MAXIMUM Y	1.250	1.320	1.155
MINIMUM Y	-1.688	-1.618	-1.783
CENTROID X	-.227	-.027	-.129
CENTROID Y	-.050	-.120	.045
POA TO CENTROID in.	.233	.123	.136
MIN RADIUS	.558	.566	.585
MEAN RADIUS	1.250	1.152	1.088
MAX RADIUS	1.905	1.660	1.803
HORIZONTAL SPREAD	2.849	2.442	2.442
VERTICAL SPREAD	2.938	2.938	2.938
EXTREME SPREAD	3.456	2.952	2.952
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	7		

30 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8885846

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1in = 1

2in = 1

3in = 8

HS = 2.860

VS = 3.348

GS = 3.586

CENTROID *

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.065	.988	.754
MINIMUM X	-1.795	-1.872	-1.287
MAXIMUM Y	1.726	1.727	1.739
MINIMUM Y	-1.622	-1.430	-1.418
CENTROID X	-.057	.020	.254
CENTROID Y	.717	.525	.513
POA TO CENTROID in.	.713	.525	.572
MIN RADIUS	.483	.623	.604
MEAN RADIUS	1.431	1.373	1.289
MAX RADIUS	1.859	1.874	1.792
HORIZONTAL SPREAD	2.860	2.860	2.041
VERTICAL SPREAD	3.348	3.157	3.157
EXTREME SPREAD	3.586	3.333	3.333
NUMBER IN ONE INCH CIRCLE =	1	1	1
NUMBER IN TWO INCH CIRCLE =	1	1	1
NUMBER IN THREE INCH CIRCLE =	1	5	5

GFM

CONTRACT # DAAA21-87-C-0086

#2 ENDURANCE Gun

GUN SERIAL #

C6665738

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10 1	91	RW
600	Proof	10 1	91	RW
607	Check Headspace	10 1	91	RW
610	Dis-assemble Gun	10 1	91	RW
612	Magnaflux Barrel Action		OCT 4 1991	KR
	Magnaflux Bolt		OCT 4 1991	KR
615	Rollmark Caliber		OCT 4 1991	LS
617	Drill and Tap Sight Holes		OCT 4 1991	LB
618	Polish Barrel		10/8/91	WLB
620	Apply Coatings (Barrel Action)		10/22/91	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/22/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/22/91	RW
	C) Inspect Ejector Hole for Chamfer		10/22/91	RW
	D) Oil Firing Pin Ass'y		10/22/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11/6/91	TH

op. #	BARBER - M24 0103285 OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	5 1/2	5 1/2	6	11/6/91	WLB		
	G) Safety Off Force	2 1/2	2 1/2	2 1/2	11/6/91	WLB		
	H) Trigger Pull Test & Retainability				11/6/91	JY		
	I) Firing Pin Indent	.020	.0205	.0205	11/6/91	WLB		
	J) Assemble Stock				11/6/91	RW		
	K) Assemble Swivel Studs				11-13-91	K		
	L) Attach Front and Rear Sight Assemblies				11/6/91	RW		
	M) Iron Sight Alignment				11/6/91	RW		
	N) Detach Front & Rear Sights & place in numbered container				11/6/91	RW		
	O) Attach Scope to Rifle				11/6/91	RW		
	P) Detach & Attach Scope 20 Times				11/6/91	RW		
640	Gallery Target & Test				11-6-91	N		
	A) Time				"	NF		
	B) Malfunctions				"	NF		
	C) Pierced Primers				"	NF		
	D) Optical Clarity of Scope				"	NF		
645	Inspect for Live Ammo				11-6-91	NF		
655	Final Inspection							
	A) Headspace				11-13-91	K		
	B) Trigger Pull	258	258	259	261	256	11-12-91	AC
	C) Function						11-13-91	K
660	Pack							

SWS TRIGGER PULL TESTAVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 0-6665738DATE 11-6-91TESTER JM.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.50	2.61	2.53	2.58	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.62	2.38	2.51	2.58	
PULL #3	2.46	2.47	2.48	2.59	
PULL #4	2.48	2.51	2.50	2.61	
PULL #5	2.38	2.46	2.48	2.56	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.38	3.67		
PULL #2	3.52	3.46		
PULL #3	3.35	3.56		
PULL #4	3.44	3.69		
PULL #5	3.61	3.48		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.35	4.54		4.38
PULL #2	4.35	4.26		4.34
PULL #3	4.36	4.56		4.35
PULL #4	4.27	4.29		4.30
PULL #5	4.35	4.42		4.40
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665738
6 Nov 1991

0 ROUNDS

CENTROIDAL DISTANCES

0 TO	1	.137615
1 TO	2	.298263
1 TO	3	.61823
1 TO	4	.364507
1 TO	5	.647105

4
12 5 (----)POR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2118
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0716
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .223575
THE AMR FOR THIS RIFLE IS: .9206

6 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06665738

CENTERFIRE PATTERNS # 1

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 4

3 in = 9

HS= 2.586

VS= 2.718

GS= 2.746

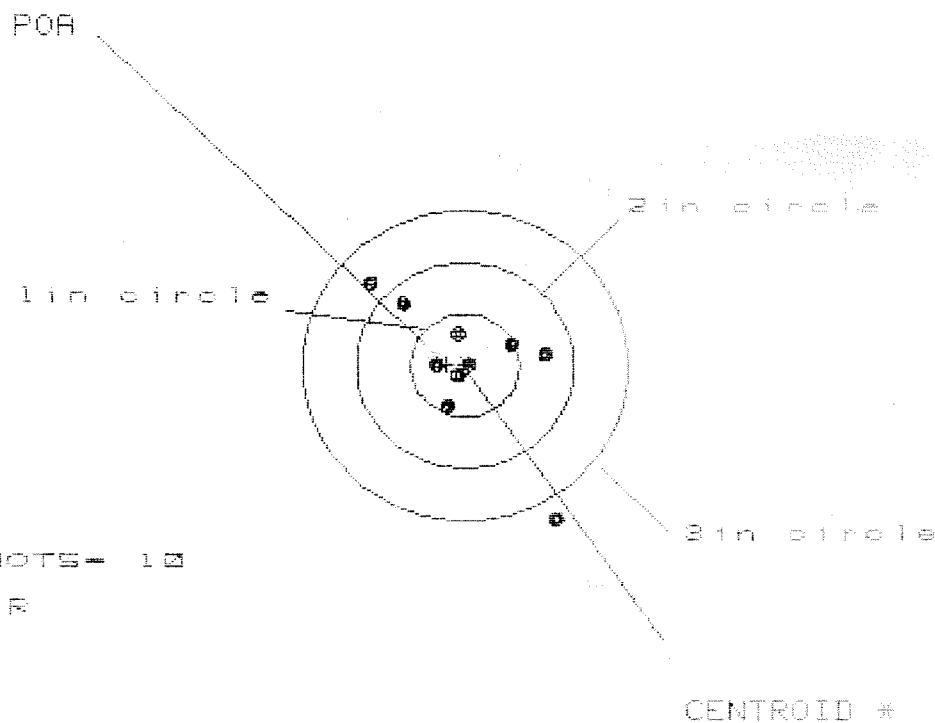
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.355	1.340	.817
MINIMUM X	-1.232	-1.246	-1.078
MAXIMUM Y	1.734	1.263	1.174
MINIMUM Y	-.984	-.791	-.820
CENTROID X	-.127	-.112	-.288
CENTROID Y	-.053	-.246	-.217
POA TO CENTROID in.	.137	.270	.354
MIN RADIUS	.194	.301	.332
MEAN RADIUS	.978	.881	.819
MAX RADIUS	1.739	1.361	1.174
HORIZONTAL SPREAD	2.586	2.586	1.895
VERTICAL SPREAD	2.718	1.994	1.994
EXTREME SPREAD	2.746	2.609	2.033
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	9		

5 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8685738

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1in = 5

2in = 8

3in = 9

HE = 1.657

VS = 2.327

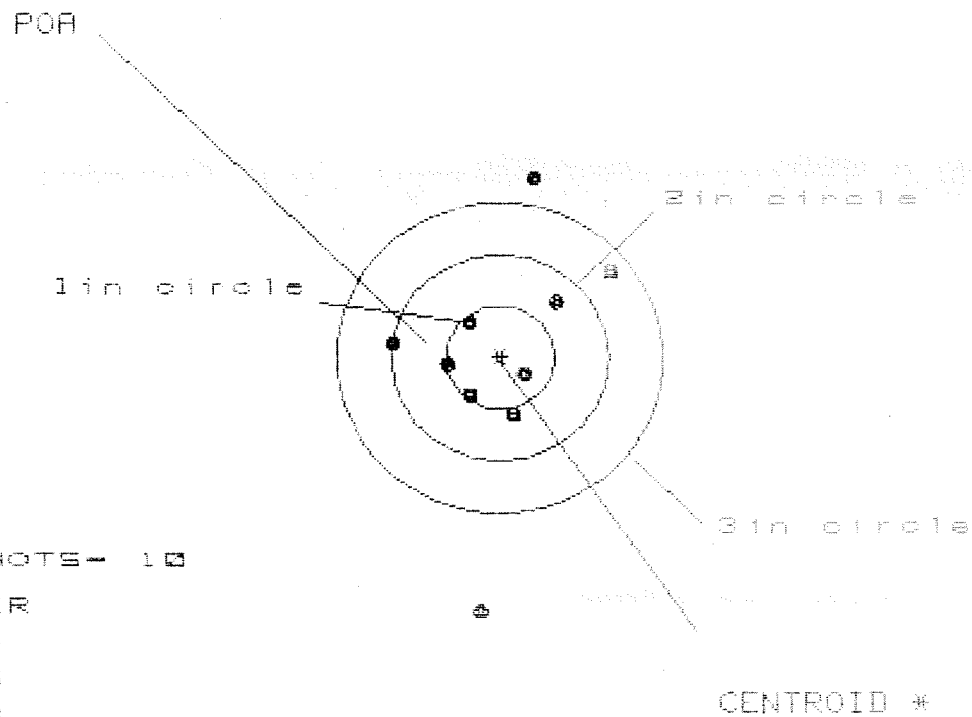
GS = 2.857

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.787	.782	.684
MINIMUM X	-.870	-.783	-.621
MAXIMUM Y	.787	.616	.536
MINIMUM Y	-1.540	-.558	-.481
CENTROID X	.168	.081	.178
CENTROID Y	-.009	.162	.085
POA TO CENTROID in.	.168	.181	.198
MIN RADIUS	.082	.100	.139
MEAN RADIUS	.614	.492	.411
MAX RADIUS	1.729	.996	.821
HORIZONTAL SPREAD	1.657	1.565	1.306
VERTICAL SPREAD	2.327	1.174	1.017
EXTREME SPREAD	2.857	1.712	1.412
NUMBER IN ONE INCH CIRCLE =	5		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	9		

8 Nov 1981

FILE:/PATTERNING/CENTERFIRE_PATT/06665738

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1in = 4

2in = 5

3in = 8

HS = 2.062

VS = 4.119

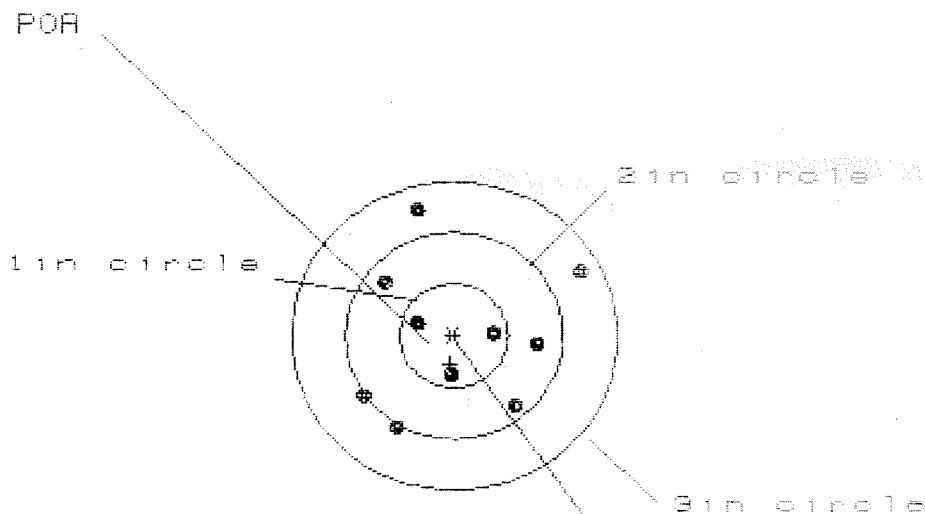
GS = 4.160

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.034
MINIMUM X	-1.028
MAXIMUM Y	1.696
MINIMUM Y	-2.422
CENTROID X	.481
CENTROID Y	.059
POA TO CENTROID in.	.485
MIN RADIUS	.262
MEAN RADIUS	.944
MAX RADIUS	2.432
HORIZONTAL SPREAD	2.062
VERTICAL SPREAD	4.119
EXTREME SPREAD	4.160
NUMBER IN ONE INCH CIRCLE	4
NUMBER IN TWO INCH CIRCLE	6
NUMBER IN THREE INCH CIRCLE	8

6 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06665738

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1in = 3

2in = 5

3in = 10

HS = 1.992

VS = 2.049

GS = 2.307

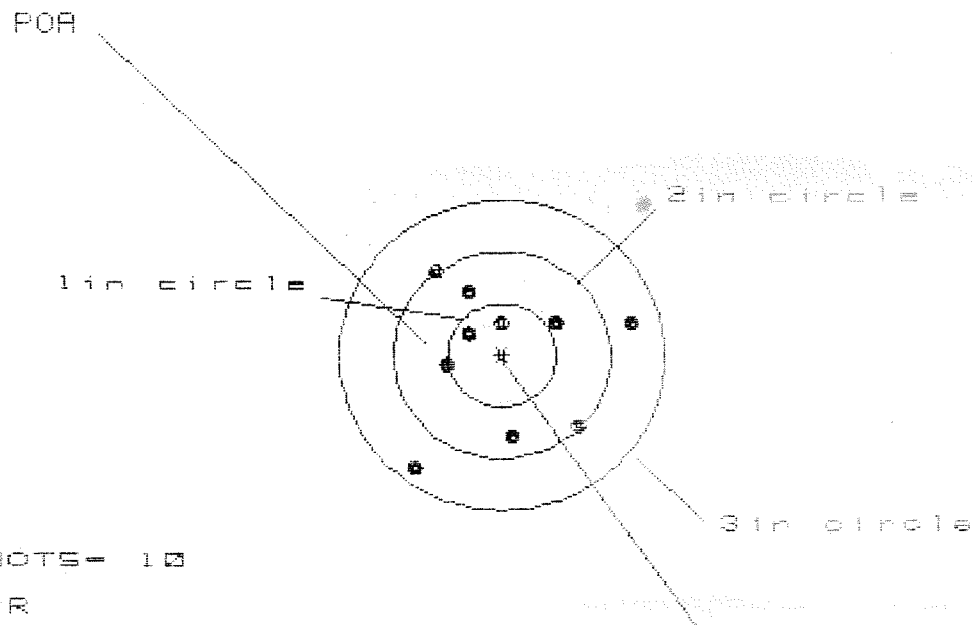
CENTROID *

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.143	.861	.830
MINIMUM X	-.849	-.722	-.753
MAXIMUM Y	1.184	1.251	.787
MINIMUM Y	-.864	-.798	-.641
CENTROID X	.032	-.095	-.064
CENTROID Y	.275	.209	.052
POA TO CENTROID in.	.277	.229	.083
MIN RADIUS	.334	.252	.152
MEAN RADIUS	.808	.743	.658
MAX RADIUS	1.291	1.275	.970
HORIZONTAL SPREAD	1.992	1.583	1.583
VERTICAL SPREAD	2.049	2.049	1.428
EXTREME SPREAD	2.307	2.073	1.731
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

6 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06665738

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 8

3 in = 10

HS= 1.931

VS= 1.998

GS= 2.384

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.162	1.077	.700
MINIMUM X	:	-.769	-.644	-.510
MAXIMUM Y	:	.826	.707	.733
MINIMUM Y	:	-1.072	-.883	-.858
CENTROID X	:	.505	.590	.456
CENTROID Y	:	.086	.205	.180
POA TO CENTROID in.	:	.512	.625	.490
MIN RADIUS	:	.271	.177	.183
MEAN RADIUS	:	.759	.680	.605
MAX RADIUS	:	1.319	1.096	1.067
HORIZONTAL SPREAD	:	1.931	1.721	1.210
VERTICAL SPREAD	:	1.998	1.590	1.590
EXTREME SPREAD	:	2.384	1.956	1.956
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06665738
26 Nov 1991

500 RDS

CENTROIDAL DISTANCES

0 TO	1	.217083
1 TO	2	.246465
1 TO	3	.113772
1 TO	4	.0832406
1 TO	5	.611882

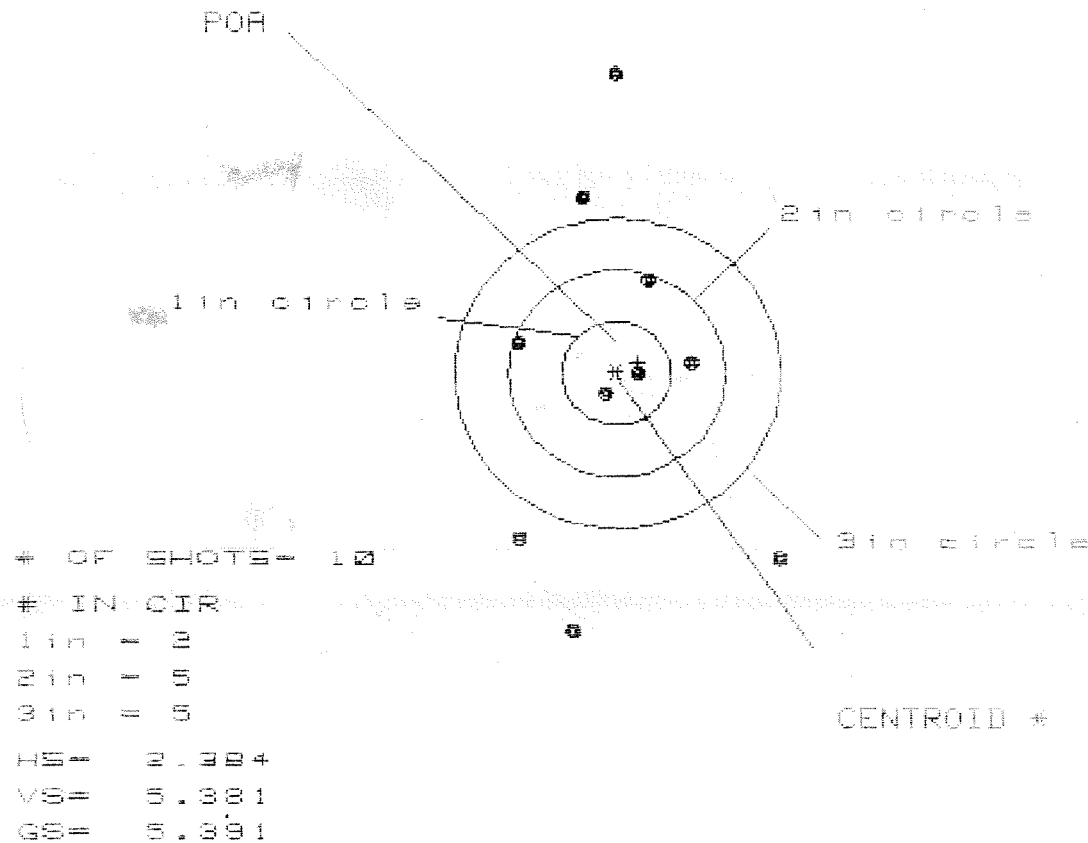
5 -----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0749
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1842
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .198808
THE AMR FOR THIS RIFLE IS: 1.054

26 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/CBB65730.1

CENTERFIRE PATTERNS # 1



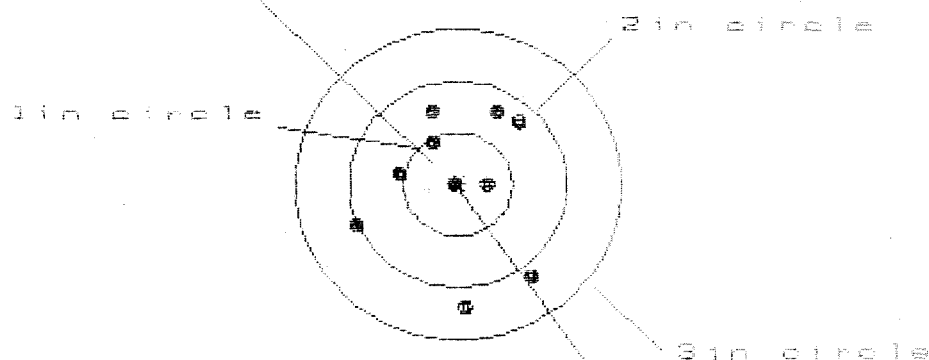
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.588	1.503	1.455
MINIMUM X	-0.875	-0.881	-0.929
MAXIMUM Y	2.930	2.042	1.776
MINIMUM Y	-2.451	-2.125	-1.709
CENTROID X	-0.190	-0.185	-0.137
CENTROID Y	-0.105	-0.431	-0.165
POA TO CENTROID in.	.217	.469	.215
MIN RADIUS	.168	.183	.149
MEAN RADIUS	1.428	1.298	1.110
MAX RADIUS	2.931	2.159	2.244
HORIZONTAL SPREAD	2.384	2.384	2.384
VERTICAL SPREAD	5.381	4.167	3.485
EXTREME SPREAD	5.391	4.167	3.953
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	5		

26 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8885738.1

CENTERFIRE PATTERNS # 2

POA



OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 10

HS= 1.590

VS= 1.857

GS= 1.874

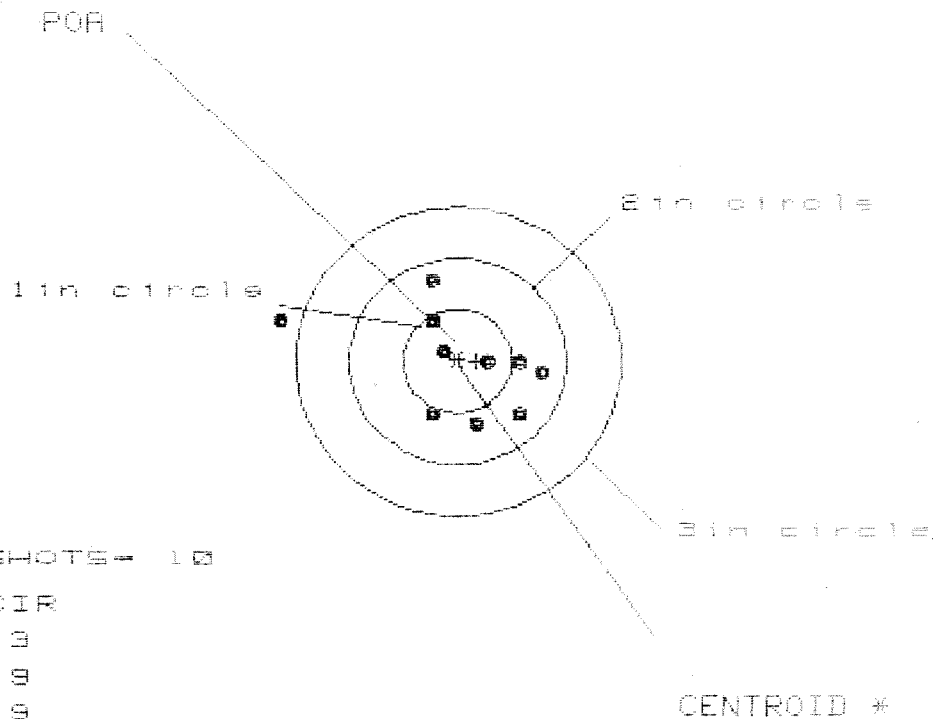
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.658	.663	.646
MINIMUM X	-.922	-.917	-.834
MAXIMUM Y	.710	.582	.450
MINIMUM Y	-1.147	-1.056	-.656
CENTROID X	.037	.032	-.051
CENTROID Y	-.009	.119	.251
POA TO CENTROID in.	.038	.123	.256
MIN RADIUS	.049	.155	.171
MEAN RADIUS	.692	.624	.529
MAX RADIUS	1.148	1.247	1.061
HORIZONTAL SPREAD	1.590	1.580	1.480
VERTICAL SPREAD	1.857	1.638	1.106
EXTREME SPREAD	1.874	1.856	1.772
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

26 Nov 1991

FILE://PATTERNING/CENTERFIRE_PATT/C8685738.1

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 9

2in = 9

3in = 9

HS= 2.470

VS= 1.413

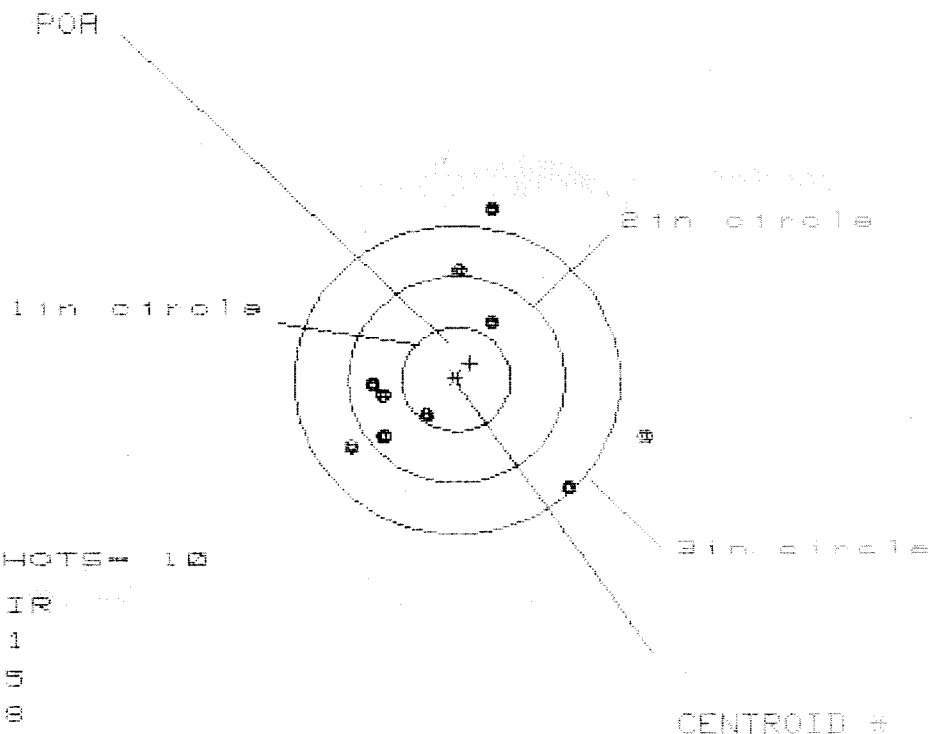
GS= 2.519

PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.793	.606	.556
MINIMUM X	-1.677	-.407	-.457
MAXIMUM Y	.810	.855	.503
MINIMUM Y	-.603	-.558	-.451
CENTROID X	-.170	.017	.066
CENTROID Y	.067	-.038	-.145
POA TO CENTROID in.	.170	.042	.160
MIN RADIUS	.155	.141	.182
MEAN RADIUS	.674	.526	.465
MAX RADIUS	1.725	.944	.679
HORIZONTAL SPREAD	2.470	1.013	1.013
VERTICAL SPREAD	1.413	1.413	.954
EXTREME SPREAD	2.519	1.506	1.141
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		9	
NUMBER IN THREE INCH CIRCLE =		9	

26 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08685738.1

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 2.717

VS= 2.710

GS= 2.787

CENTROID #

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.698	1.182	1.249
MINIMUM X	-1.019	-0.831	-0.764
MAXIMUM Y	1.673	1.611	1.176
MINIMUM Y	-1.036	-1.099	-0.897
CENTROID X	-0.125	-0.313	-0.380
CENTROID Y	-0.157	-0.094	-0.296
POR TO CENTROID in.	.200	.327	.481
MIN RADIUS	.452	.416	.205
MEAN RADIUS	1.057	.933	.784
MAX RADIUS	1.787	1.697	1.537
HORIZONTAL SPREAD	2.717	2.013	2.013
VERTICAL SPREAD	2.710	2.710	2.073
EXTREME SPREAD	2.787	2.787	2.288
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		8	

26 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06865738.1

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 0

2in = 4

3in = 6

HS = 2.612

VS = 4.441

GS = 4.443

CENTROID #

PATTERN #

5

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.004

1.051

.676

MINIMUM X

-1.607

-1.496

-1.365

MAXIMUM Y

2.230

1.985

2.190

MINIMUM Y

-2.211

-1.259

-1.011

CENTROID X

.074

-.037

-.168

CENTROID Y

-.657

-.412

-.660

POA TO CENTROID in.

.662

.413

.681

MIN RADIUS

.530

.423

.665

MEAN RADIUS

1.420

1.308

1.159

MAX RADIUS

2.428

2.246

2.248

HORIZONTAL SPREAD

2.612

2.547

2.041

VERTICAL SPREAD

4.441

3.244

3.191

EXTREME SPREAD

4.443

3.808

3.984

NUMBER IN ONE INCH CIRCLE =

0

NUMBER IN TWO INCH CIRCLE =

4

NUMBER IN THREE INCH CIRCLE =

6

4500 RDS

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06665738
5 Dec 1991

Encl Gun

CENTROIDAL DISTANCES

0 TO 1	.277359
1 TO 2	.580904
1 TO 3	.421925
1 TO 4	.665908
1 TO 5	.962767

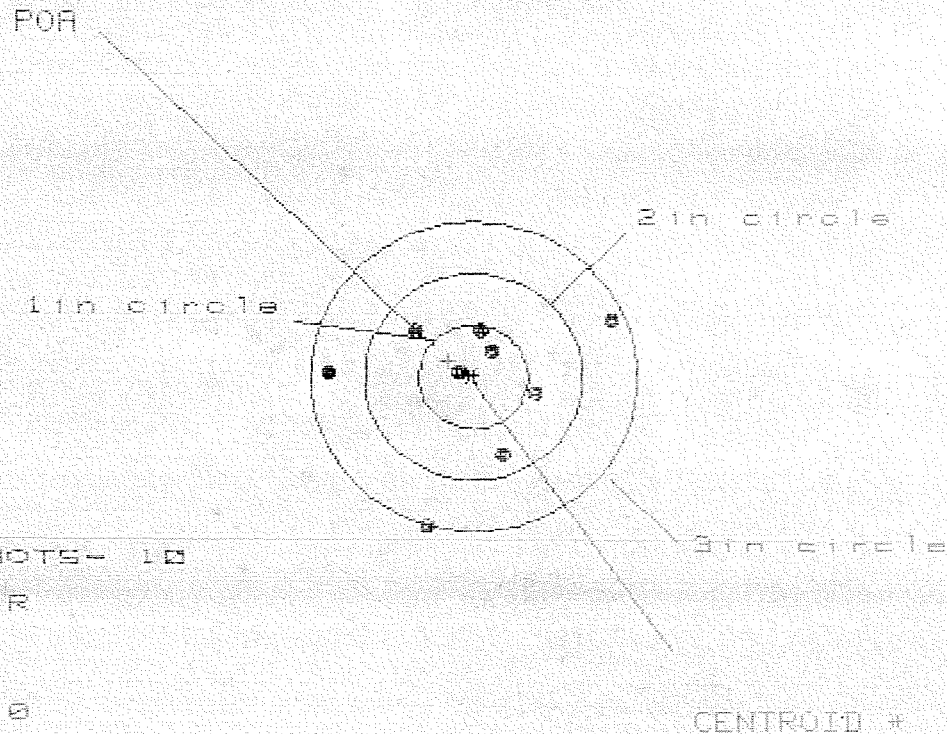
5411 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2484
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0626
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .256167
THE AMR FOR THIS RIFLE IS: .8712

5 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8685730.1.1

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 10

HS= 2.585

VS= 2.025

GS= 2.638

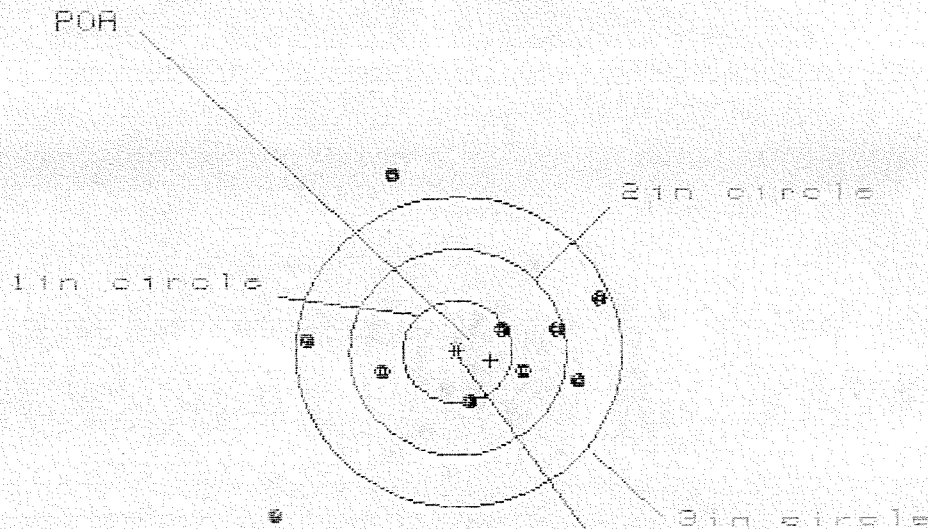
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.229	1.175	.999
MINIMUM X	-1.365	-1.410	-1.704
MAXIMUM Y	.589	.430	.418
MINIMUM Y	-1.436	-.936	-.948
CENTROID X	.232	.277	.453
CENTROID Y	-.152	.007	.019
POA TO CENTROID in.	.277	.277	.454
MIN RADIUS	.124	.179	.095
MEAN RADIUS	.770	.651	.551
MAX RADIUS	1.492	1.413	1.083
HORIZONTAL SPREAD	2.585	2.585	1.703
VERTICAL SPREAD	2.025	1.366	1.366
EXTREME SPREAD	2.638	2.638	1.709
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

5 Dec 1991

FILE: \PATTERNING\CENTERFIRE_PATT\G0665736.1.1

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS = 2.969

VS = 3.248

GS = 3.622

CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.269	1.080	.987
MINIMUM X	:	-1.700	-1.558	-1.651
MAXIMUM Y	:	1.685	1.511	.527
MINIMUM Y	:	-1.563	-.686	-.497
CENTROID X	:	-.301	-.112	-.019
CENTROID Y	:	.079	.253	.064
POA TO CENTROID in.	:	.311	.276	.066
MIN RADIUS	:	.484	.240	.292
MEAN RADIUS	:	1.123	.950	.807
MAX RADIUS	:	2.309	1.686	1.658
HORIZONTAL SPREAD	:	2.969	2.638	2.638
VERTICAL SPREAD	:	3.248	2.197	1.024
EXTREME SPREAD	:	3.622	2.665	2.665
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			8	

5 Dec 1991

FILE: PATTERNING/CENTERFIRE_PATT/C8685738.1.1

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 4

2 in = 8

3 in = 10

HS = 1.059

VS = 2.062

GS = 2.226

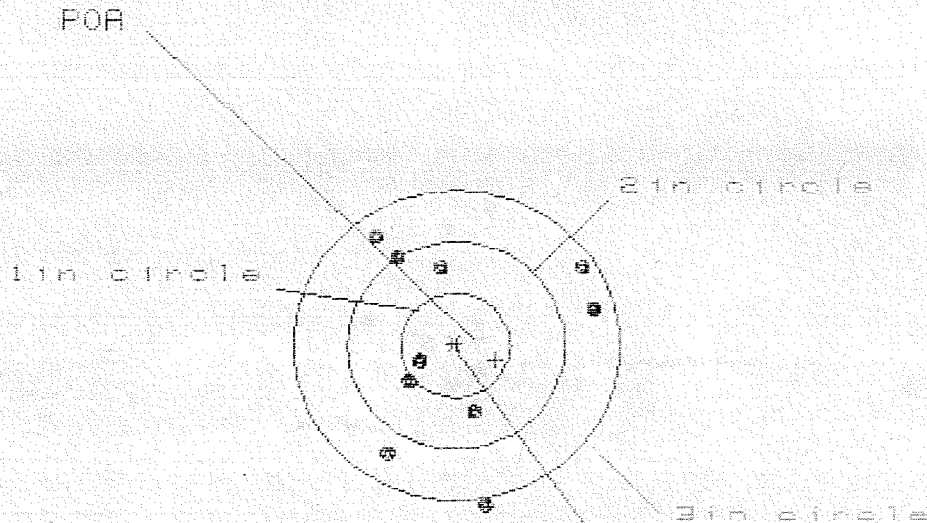
CENTROID *

PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.581	.467	.443
MINIMUM X	-.478	-.413	-.437
MAXIMUM Y	1.011	.727	.610
MINIMUM Y	-1.051	-.939	-.605
CENTROID X	-.158	-.223	-.199
CENTROID Y	.009	-.103	.014
POA TO CENTROID IN.	.159	.246	.199
MIN RADIUS	.267	.198	.239
MEAN RADIUS	.597	.524	.459
MAX RADIUS	1.166	.958	.747
HORIZONTAL SPREAD	1.059	.880	.880
VERTICAL SPREAD	2.062	1.666	1.215
EXTREME SPREAD	2.226	1.752	1.434
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	

5 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/09685738.1.1

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 4

3 in = 9

HS = 2.030

VS = 2.550

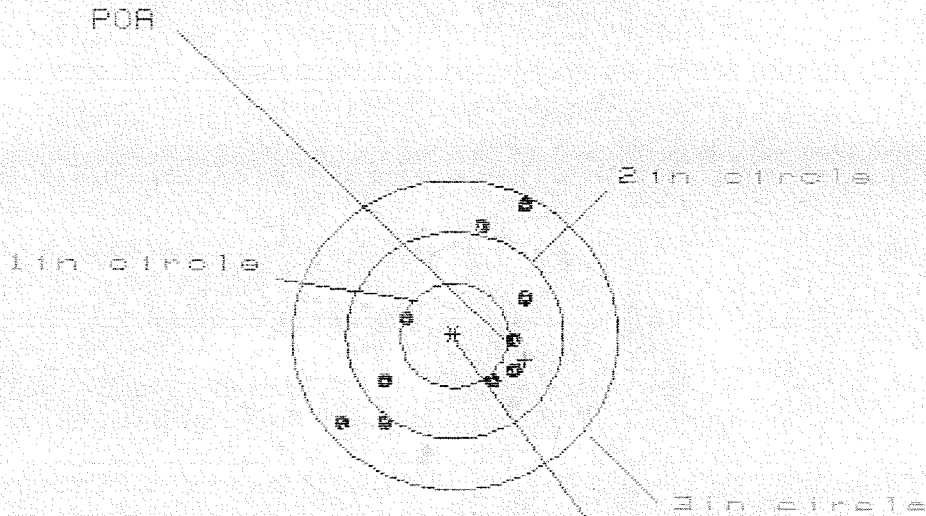
GS = 2.729

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.289	1.315	1.466
MINIMUM X	-0.741	-0.715	-0.564
MAXIMUM Y	1.038	0.871	0.943
MINIMUM Y	-1.512	-1.223	-1.151
CENTROID X	-0.365	-0.391	-0.542
CENTROID Y	0.143	0.310	0.238
POA TO CENTROID in.	0.392	0.499	0.592
MIN RADIUS	0.342	0.429	0.285
MEAN RADIUS	1.015	0.952	0.870
MAX RADIUS	1.529	1.375	1.496
HORIZONTAL SPREAD	2.030	2.030	2.030
VERTICAL SPREAD	2.550	2.094	2.094
EXTREME SPREAD	2.729	2.573	2.425
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	9		

5 Dec 1991

FILE: PATTERNING/CENTERFIRE_PATT/C6685738.1.1

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 1

2in = 6

3in = 10

HS= 1.717

VS= 2.053

GS= 2.653

CENTROID #

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.656	.682	.558
MINIMUM X	-1.061	-.988	-.722
MAXIMUM Y	1.229	1.240	1.157
MINIMUM Y	-.824	-.687	-.769
CENTROID X	-.650	-.723	-.599
CENTROID Y	.234	.097	.180
FOR TO CENTROID in.	.691	.729	.626
MIN RADIUS	.455	.462	.457
MEAN RADIUS	.851	.781	.714
MAX RADIUS	1.393	1.274	1.170
HORIZONTAL SPREAD	1.717	1.670	1.280
VERTICAL SPREAD	2.053	1.927	1.927
EXTREME SPREAD	2.653	2.290	2.123
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06665738
6 Dec 1991

5000 RDS

CENTROIDAL DISTANCES

0 TO 1	.110982
1 TO 2	.199672
1 TO 3	.415444
1 TO 4	.212408
1 TO 5	.169664

 $\frac{4}{3}$

-----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1092
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.133
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .172886

THE AMR FOR THIS RIFLE IS: 1.151

8 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8605730.1.1.1

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 2

2in = 6

3in = 9

HS = 2.493

VS = 3.009

GS = 3.250

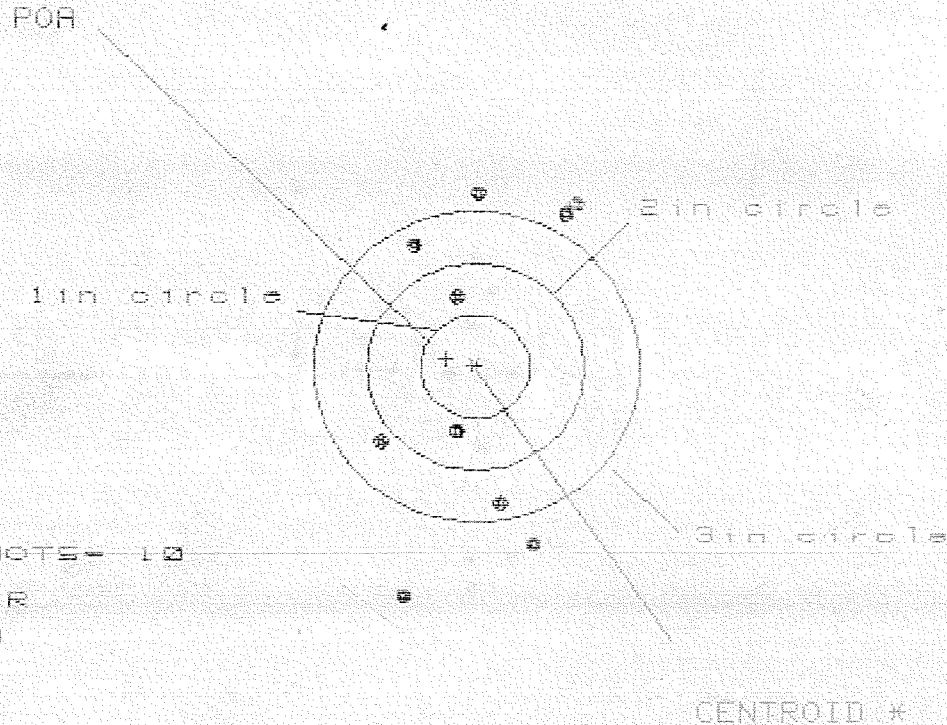
CENTROID *

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.422	.964	1.000
MINIMUM X	-1.071	-.913	-.869
MAXIMUM Y	1.130	.921	.422
MINIMUM Y	-1.879	-.557	-.442
CENTROID X	.086	-.072	-.116
CENTROID Y	-.123	.086	-.029
POA TO CENTROID in.	.150	.112	.120
MIN RADIUS	.312	.124	.193
MEAN RADIUS	.896	.676	.642
MAX RADIUS	2.357	1.063	1.063
HORIZONTAL SPREAD	2.493	1.877	1.877
VERTICAL SPREAD	3.009	1.478	.864
EXTREME SPREAD	3.250	2.038	2.038
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

6 Dec 1991

FILE: /PATTERNING/CENTERFIRE_PATT/08685733.1.1.1

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 0

2 in = 2

3 in = 5

HS = 1.791

VS = 3.948

GS = 4.086

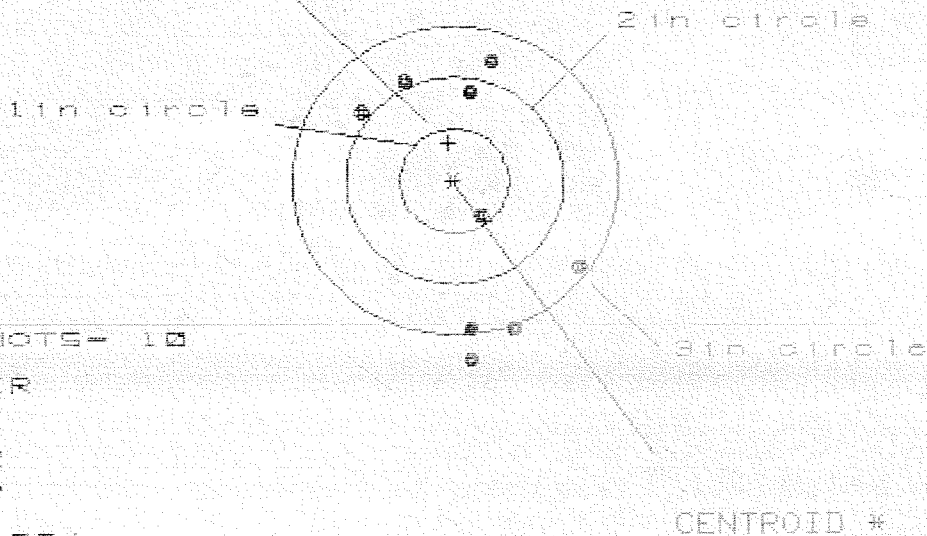
PATTERN #	4
SHOTS (BEST OF)	10
MAXIMUM X	.882
MINIMUM X	-.909
MAXIMUM Y	1.712
MINIMUM Y	-2.236
CENTROID X	.272
CENTROID Y	-.000
POA TO CENTROID in.	.283
MIN RADIUS	.625
MEAN RADIUS	1.438
MAX RADIUS	2.340
HORIZONTAL SPREAD	1.791
VERTICAL SPREAD	3.948
EXTREME SPREAD	4.086
NUMBER IN ONE INCH CIRCLE =	0
NUMBER IN TWO INCH CIRCLE =	2
NUMBER IN THREE INCH CIRCLE =	5

6 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C0005738.1/1.1

CENTERFIRE PATTERNS # 3

POR



OF SHOTS = 10

IN CIR

1in = 1

2in = 2

3in = 7

HS = 2.664

VS = 3.893

GS = 4.207

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.180
MINIMUM X	-1.484
MAXIMUM Y	2.142
MINIMUM Y	-1.751
CENTROID X	.056
CENTROID Y	-.367
POR TO CENTROID in.	.371
MIN RADIUS	.410
MEAN RADIUS	1.336
MAX RADIUS	2.606
HORIZONTAL SPREAD	2.664
VERTICAL SPREAD	3.893
EXTREME SPREAD	4.207
NUMBER IN ONE INCH CIRCLE	1
NUMBER IN TWO INCH CIRCLE	2
NUMBER IN THREE INCH CIRCLE	7

8 Dec 1991

FILE: /PATTERNING/CENTERFIRE_PATT/C6685738.1.1.1

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS = 2.229

VS = 2.386

GS = 3.419

CENTROID #

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.835	.951	.803
MINIMUM X	-1.394	-1.190	-.958
MAXIMUM Y	1.041	.939	.953
MINIMUM Y	-1.265	-1.367	-1.353
CENTROID X	.031	-.173	-.025
CENTROID Y	-.141	-.039	-.053
POA TO CENTROID in.	.144	.178	.058
MIN RADIUS	.092	.175	.026
MEAN RADIUS	.987	.878	.797
MAX RADIUS	2.050	1.395	1.419
HORIZONTAL SPREAD	3.229	2.141	1.761
VERTICAL SPREAD	2.386	2.386	2.386
EXTREME SPREAD	3.419	2.452	2.452
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		9	

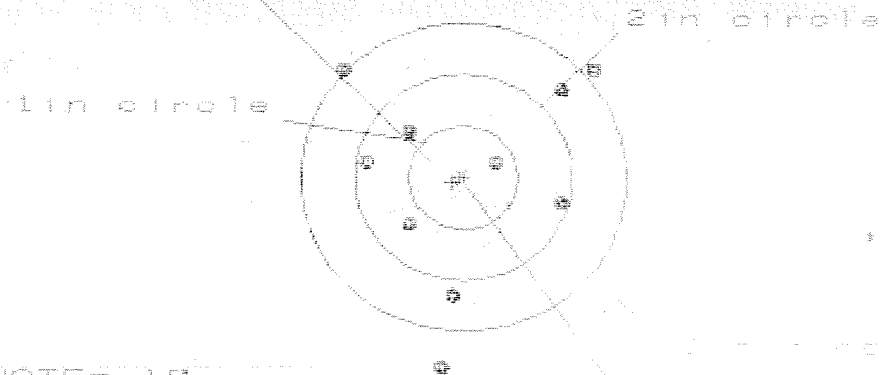
6 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8865735.1.1.1

CENTERFIRE PATTERNS

1

FOR



OF SHOTS = 10

IN CIR

1in = 1

2in = 5

3in = 7

HSE = 2.252

VSE = 2.807

OSE = 3.137

CENTROID #

PATTERN #

1

SHOTS (BEST OF)	10	9	8
MAXIMUM	1.171	1.148	1.042
MINIMUM	-1.079	-1.102	-1.459
MAXIMUM	1.100	.899	1.000
MINIMUM	-1.807	-1.384	-1.274
CENTROID	.101	.124	-.019
CENTROID	.046	.247	.138
FOR TO CENTROID in.	.111	.277	.139
MIN RADIUS	.367	.307	.454
MEAN RADIUS	1.099	1.005	.937
MAX RADIUS	1.819	1.445	1.391
HORIZONTAL SPREAD	2.250	2.250	2.001
VERTICAL SPREAD	2.907	2.283	2.283
EXTREME SPREAD	3.137	2.503	2.477
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	7		

SWS ENDURANCE TEST REPORT

 SERIAL NO. 6665738 SHOOTER Stehling DATE 11-26

AMMO CODE	AMMO TYPE	RDS.	RESULTS	OBSERVATIONS
7.62	60		OK	NONE TARGET & ACC
7.62	60		RAS OK	NONE
7.62	60		RAS OK	NONE
7.62	60	11	OK	NONE
7.62	60	11	OK	NONE
7.62	60	11	OK	NONE
7.62	60	11	OK	NONE
7.62	20	11	OK	NONE
	440		total	
	60		target & ACC	11-26-91 DH
	500		total	
7.62	60		RB OK	NONE
7.62	60		RB OK	NONE
7.62	60		RB OK	NONE
7.62	60		RB OK	NONE
7.62	60		RB OK	NONE
7.62	60		RB OK	NONE
7.62	60		RB OK	NONE
7.62	60		RB OK	NONE
7.62	40		RB OK	NONE
	1020		TOTAL	11-26-91 RON BAILEY

SWS ENDURANCE TEST REPORT

SERIAL NO. C6665738SHOOTER CooperDATE 11-27-91

AMMO CODE	AMMO TYPE	RDS.	RESULTS	OBSERVATIONS
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	40	OK	NONE
		520	TOTAL	
		1020		
		1540	TOTAL	11-27-91
	7.62	60	OK E.A.	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
		1780	TOTAL	11-27-91
	7.62	60	R.B. OK	NONE
	7.62	60	R.B. OK	NONE
	7.62	60	R.B. OK	NONE
	7.62	60	R.B. OK	NONE
	7.62	20	R.B. OK	NONE
		2040	TOTAL	11-27-91 R.B.

SWS ENDURANCE TEST REPORT

 SERIAL NO. C6665738 SHOOTER Quayle DATE 12/2/91

AMMO CODE	AMMO TYPE	RDS.	RESULTS	OBSERVATIONS
		2040	TOTAL 11-27-91	RB
7.62	7.62	60	OK	None
	7.62	60	OK	None
	7.62	60	OK	None
	7.62	60	OK	None
	7.62	60	OK	None
	7.62	60	OK	None
		2400	TOTAL -12/2/91	RB
2460	7.62	60	OK	NONE
2520	7.62	60	OK	NONE
2580	7.62	60	OK	NONE
2640	7.62	60	OK	NONE
2700	7.62	60	OK	NONE
2760	7.62	60	OK	NONE
2820	7.62	60	OK	NONE
2880	7.62	60	OK	NONE
		2880	TOTAL 12/2/91	KB
2940	7.62	60	OK	NONE
3000	7.62	60	OK	NONE
3060	7.62	60	OK	NONE
3120	7.62	60	OK	NONE
	7.62	60	OK	NONE
		3180	TOTAL 12/3/91	

SWS ENDURANCE TEST REPORT

SERIAL NO. 26665738 SHOOTER Healey DATE 12/3/91

AMMO CODE	AMMO TYPE	RDS.	RESULTS	OBSERVATIONS
		3180	Total 12/3/91	
	762	60	OK	NONE
	762	60	OK	NONE
	762	60	OK	NONE
		3360	Total	12/3/91
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	40	OK	NONE
		3760	12/3/91 total	
	762	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
		4240	total 12-4-91	

SWS ENDURANCE TEST REPORT

SERIAL NO. C6665728 SHOOTER K. BURDICK DATE 12-4-91

AMMO CODE	AMMO TYPE	RDS.	RESULTS	OBSERVATIONS
4300	2.62	60	OK	NONE
4360	2.62	60	OK	NONE
4420	2.62	60	OK	NONE
4480	2.62	60	OK	NONE
4500	2.62	20	OK	NONE
		4500	TOTAL KB 12-4-91	
		60	TARGET & ACC	12-5-91 AC
		4560	TOTAL	
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	20	OK	NONE
		4940	TOTAL RH 12/5/91	
		60	T&A NF 12/5/91	
		5000		

SWS ENDURANCE TEST REPORT

SERIAL NO. C6665738 SHOOTER R Henley DATE 12/6/91

AMMO CODE	AMMO TYPE	RDS.	RESULTS	OBSERVATIONS
		5000	Total	
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
		5720	total	12/6/91

SWS ENDURANCE TEST REPORT

SERIAL NO. C6665738 SHOOTER R Healey DATE 12/7/91

AMMO CODE	AMMO TYPE	RDS.	RESULTS	OBSERVATIONS
		5720	Total	
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
		6500	Total	12/7/91 RH
6560	7.62	60	OK	NONE
6620	7.62	60	OK	NONE
6680	7.62	60	OK	NONE
6740	7.62	60	OK	NONE
6800	7.62	60	OK	NONE
6860	7.62	60	OK	NONE
6920	7.62	60	OK	NONE
		6920	TOTAL RD	12-7-91

SWS ENDURANCE TEST REPORT

SERIAL NO. C 6665738 SHOOTER KEN BURDICK DATE 12-7-91

AMMO CODE	AMMO TYPE	RDS.	RESULTS	OBSERVATIONS
		6920	TOTAL	
	7.62	60	OK	NONE
	7.62	40	OK	NONE
		7020	TOTAL KB 12-7-91	
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
		7500	total 12/9/91	RET
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
		7800	total 12/9/91	RET

SWS ENDURANCE TEST REPORT

SERIAL NO. 0665738 SHOOTER R Healey DATE 12/10/91

AMMO CODE	AMMO TYPE	RDS.	RESULTS	OBSERVATIONS
	7.62	7800	total	12/9/91
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	60	OK	NONE
	7.62	40	OK	NONE
		8740	total	12/9/91 RH

SWS ENDURANCE TEST REPORT

SERIAL NO. C6665738 SHOOTER R Healey DATE 12/11/91

AMMO CODE	AMMO TYPE	RDS.	RESULTS	OBSERVATIONS
		8740	Total	
	7.62	60	OK	None
	7.62	60	OK	None
	7.62	60	OK	None
	7.62	60	OK	None
	7.62	60	OK	None
	7.62	60	OK	None
	7.62	60	OK	None
	7.62	60	OK	None
	7.62	60	OK	None
	7.62	60	OK	None
	7.62	60	OK	None
	7.62	60	OK	None
	7.62	60	OK	None
	7.62	60	OK	None
	7.62	60	OK	None
	7.62	60	OK	None
	7.62	60	OK	None
	7.62	60	OK	None
	7.62	60	OK	None
		9760	Total	12/11/91 RH

Endurance 13/A 8 1504

QP 0041 SER# C-666 5738

PART NUMBER C-666 5738

MAGNETIC PARTICLE INSPECTION

PART NAME Final Bbl.Assem.MATERIAL Bbl. Rem.Spec.#155-Rec.Spec.4137M

OPERATION NUMBER 615

METHOD	SINGLE PARTS			MULTIPLE PARTS		
	HEAD SHOT	CENTRAL	CONDUCTOR	HEAD SHOT	COIL SHOT	IN BASKET
	HEAD SHOT	CONDUCTOR	COIL SHOT	CONDUCTOR	IN BASKET	AMPERES

NON-FLUORSECENT
CONTINUOUS WET

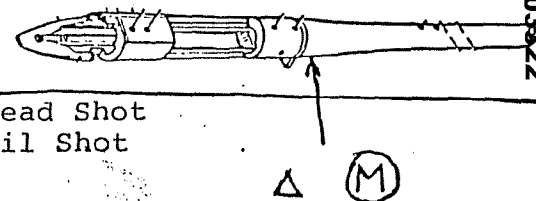
FLUORESCENT
CONTINUOUS WET Yes

Yes (2 Overlapping)

900-1100-Head Shot
600-800-Coil Shot

NON-FLUORESCENT
RESIDUAL WET

FLUORESCENT
RESIDUAL WET



APPROVAL:

INSP. _____ LEV III _____
DATE: _____ DATE: _____

ACCEPTANCE STANDARD

No Indications acceptable in the
Locking Lug area of Receiver or
chamber area of Bbl.

STAMPING
STEEL STAMP ON. Triangular stamp (Δ) and letter "M" circled

OTHER Location-right side near Receiver.

PROCEDURE:

1. All parts must be cleaned before testing.
2. All parts shall be satisfactorily demagnetized after all magnetization has been completed.
3. The magnetic substance shall be completely removed from all parts after inspection and demagnetization.
4. All accepted parts must be marked with a mangaflux stamp, acid etch, or ink stamp (If the part is too small or is a critical part, contact inspection supervisor).
5. Parts having indications not acceptable shall be segregated and identified, and are to be reviewed by Metallurgy and inspection groups.
6. All areas to be inspected 100%.
7. Inspection to be performed by a certified Level I, acceptance or rejection of product will be done by a certified Level II, or Level III.

USE BACK SIDE OF THIS CARD TO RECORD EACH LOT INSPECTED.

ALL BLOCKS MUST BE PROPERLY FILLED IN.

LEV III. *Carl C. Rice*
INSP. 3158-8096

FORM QP-0041-1

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0103361

BARBER - M24 0103322

Endurance B/A & Bolt

QP 0041

Ser # C-6665738

Required

DATE	MFG. ORDER NO.	QUANTITY	SERIAL #	QUANTITY OF PARTS	
				ACCEPTED	REJECTED
12/2/91	2500	1	OK	1	0
12/6/91	5,000	1	OK	1	0
12/9/91	7,500	1	OK	1	0
12/13/91	10,000	1	OK	1	0