

C6349194

MODEL 700TM M24

Model **SMS** TM

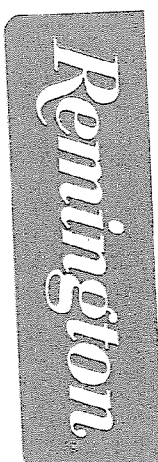
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



COMMENTS

R ORDER
94-18175

INITIAL	CUSTOMER ORDER NO.
FDC	DAAA09-92-C-0834

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

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE	
06/10/94	06/10/94		C6349194		700 7-62	NATO
ACCESSORIES	SLING STRAP	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 C.D.DL

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

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

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

PARTS

COMMENTS

- ✓ New Barrel, Stock
- ✓ Trigger Assy, ✓ Mag Spring
- ✓ Firing Pin Assy
- ✓ Front & Rear Sight Assy

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

BD6925 REV 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 016982 **M2400109921**

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

SERIAL NO. 6634 9194DATE 5-11-96TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.56	2.63	2.71	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.41	2.68	2.56	
PULL #3	2.40	2.50	2.56	
PULL #4	2.46	2.81	2.48	
PULL #5	2.50	2.69	2.65	
TOTAL	1233	1331	1286	
AVG.	2.46	2.66	2.59	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.21	3.00	
PULL #2	3.14	2.98	
PULL #3	3.13	2.80	
PULL #4	3.09	2.96	
PULL #5	2.95	2.83	
TOTAL	1552	1457	
AVG.	3.10	2.91	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.14	4.14		4.14
PULL #2	4.26	4.05		4.27
PULL #3	4.25	4.20		4.00
PULL #4	4.13	4.15		4.15
PULL #5	4.25	4.23		4.24
TOTAL	2103	2077		2080
AVG.	4.20	4.15		4.16

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349194
27 Mar 1900

CENTROIDAL DISTANCES

0 TO	1	.489418
1 TO	2	.267075
1 TO	3	.261503
1 TO	4	.31507
1 TO	5	.252103

-----POH

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .04
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2784
THE RESULTING AVERAGE X-COORDINATE FOR THIS RIFLE IS: .201759
THE AMR FOR THIS RIFLE IS: .201759

27 Mar 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6349194

CENTERFIRE PATTERNS # 1

POR

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS= 3.322

VS= 1.359

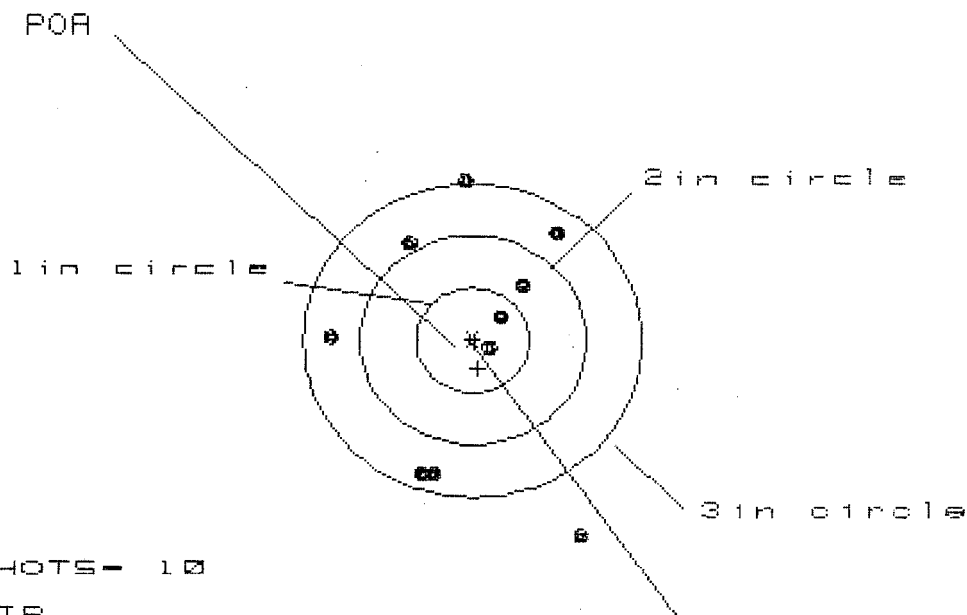
GS= 3.380

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.809	1.348	1.185
MINIMUM X	-1.513	-1.312	-1.286
MAXIMUM Y	.910	.930	.876
MINIMUM Y	-.448	-.429	-.472
CENTROID X	.130	-.068	.095
CENTROID Y	.471	.452	.506
POR TO CENTROID in.	.490	.457	.515
MIN RADIUS	.380	.256	.339
MEAN RADIUS	1.085	.963	.900
MAX RADIUS	1.818	1.380	1.309
HORIZONTAL SPREAD	3.322	2.660	2.471
VERTICAL SPREAD	1.359	1.359	1.348
EXTREME SPREAD	3.380	2.683	2.473
NUMBER IN ONE INCH CIRCLE	= 2		
NUMBER IN TWO INCH CIRCLE	= 4		
NUMBER IN THREE INCH CIRCLE	= 8		

27 Mar 1968

FILE:/PATTERNING/CENTERFIRE_PATT/CG349194

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in - 2

2 in - 3

3 in = 8

HS- 2.188

VS= 3.339

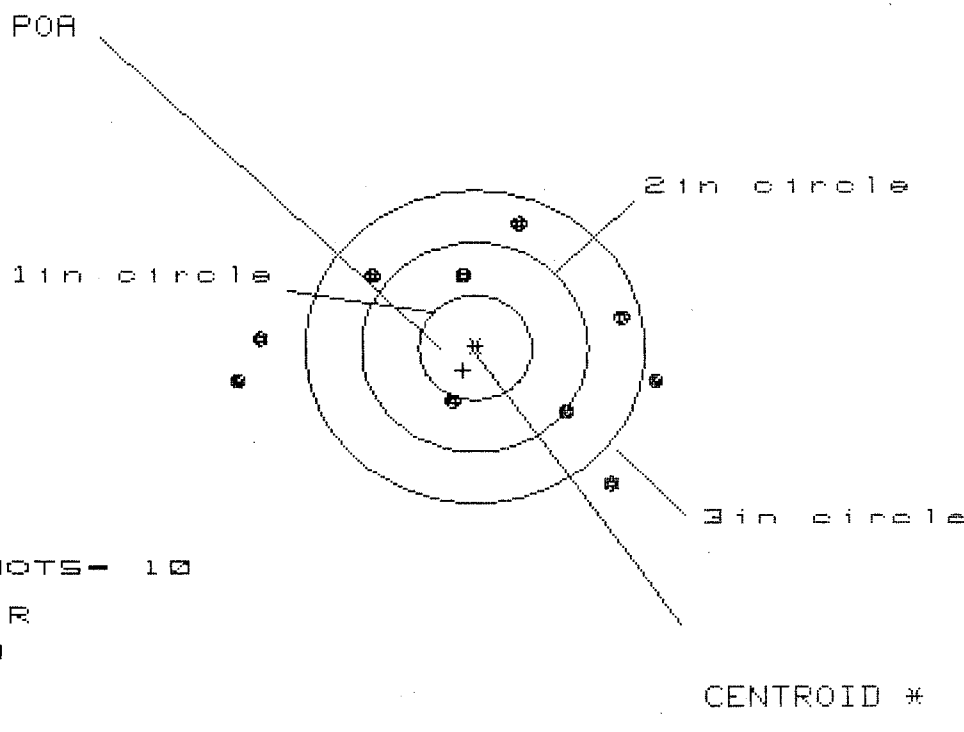
GS= 3.504

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.962	.847	.848
MINIMUM X	-1.226	-1.119	-1.118
MAXIMUM Y	1.508	1.305	1.034
MINIMUM Y	-1.831	-1.451	-1.288
CENTROID X	-.044	-.151	-.152
CENTROID Y	.271	.474	.311
POA TO CENTROID in.	.274	.497	.346
MIN RADIUS	.186	.376	.301
MEAN RADIUS	1.105	.988	.947
MAX RADIUS	2.069	1.497	1.339
HORIZONTAL SPREAD	2.138	1.966	1.966
VERTICAL SPREAD	3.339	2.756	2.322
EXTREME SPREAD	3.504	2.781	2.621
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	8		

27 Mar 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6349194

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in = 0

2 in = 2

3 in = 6

HS = 3.679

VS = 2.502

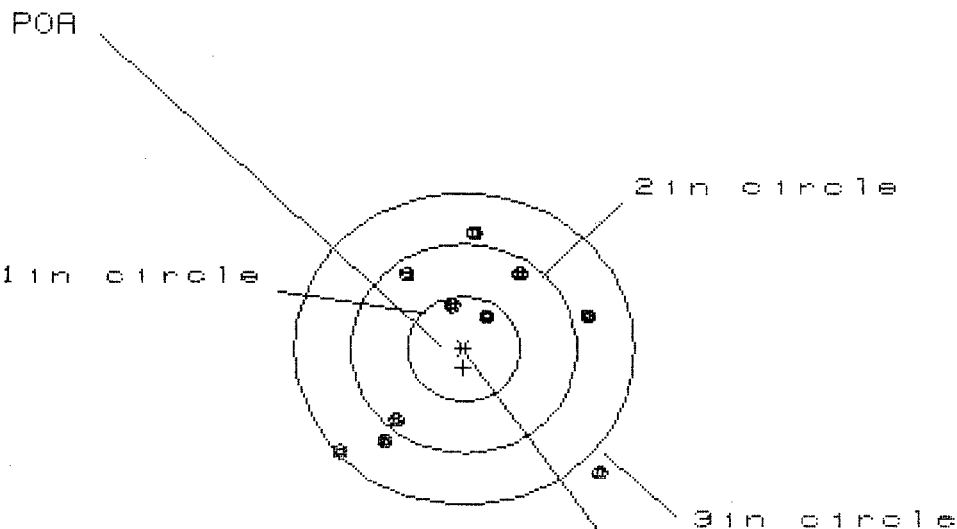
GS = 3.680

PATTERN #	:	3	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.569	1.335	1.072
MINIMUM X	:	-2.110	-2.107	-1.489
MAXIMUM Y	:	1.233	1.194	1.204
MINIMUM Y	:	-1.269	-1.308	-1.298
CENTROID X	:	.105	.339	.602
CENTROID Y	:	.211	.250	.240
POA TO CENTROID in.	:	.236	.421	.649
MIN RADIUS	:	.534	.703	.752
MEAN RADIUS	:	1.334	1.222	1.084
MAX RADIUS	:	2.138	2.108	1.577
HORIZONTAL SPREAD	:	3.679	3.442	2.481
VERTICAL SPREAD	:	2.502	2.502	2.502
EXTREME SPREAD	:	3.680	3.464	2.903
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	2		
NUMBER IN THREE INCH CIRCLE	=	6		

27 Mar 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6349194

CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1in - 2

2in - 5

3in - 9

HS - 2.280

VS - 2.234

GS - 2.544

CENTROID #

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.174	1.215	1.093
MINIMUM X	:	-1.106	-.976	-.724
MAXIMUM Y	:	1.089	.962	.829
MINIMUM Y	:	-1.145	-1.066	-1.095
CENTROID X	:	.003	-.127	-.005
CENTROID Y	:	.184	.311	.444
POA TO CENTROID in.	:	.184	.336	.444
MIN RADIUS	:	.342	.295	.174
MEAN RADIUS	:	.982	.879	.754
MAX RADIUS	:	1.640	1.445	1.313
HORIZONTAL SPREAD	:	2.280	2.191	1.817
VERTICAL SPREAD	:	2.234	2.028	1.924
EXTREME SPREAD	:	2.544	2.544	2.171
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	9		

27 Mar 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06349194

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in - 1

2in - 4

3in = 10

HS= 2.569

VS= 2.231

GS= 2.692

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.249	1.286	1.126
MINIMUM X	:	-1.320	-1.283	-1.263
MAXIMUM Y	:	.893	.745	.682
MINIMUM Y	:	-1.338	-.878	-.940
CENTROID X	:	.003	-.034	.126
CENTROID Y	:	.255	.403	.465
POA TO CENTROID in.	:	.255	.405	.482
MIN RADIUS	:	.312	.429	.386
MEAN RADIUS	:	1.044	1.003	.934
MAX RADIUS	:	1.379	1.376	1.273
HORIZONTAL SPREAD	:	2.569	2.569	2.389
VERTICAL SPREAD	:	2.231	1.623	1.623
EXTREME SPREAD	:	2.692	2.692	2.391
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6349194

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 0109891 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			5/29/96	AC
	G) Safety Off Force	4	4	4			5/29/96	AC
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.023	.024	.024			5/29/96	AC
	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	237	235	243	239	237	5/29/96	WB
	C) Function							
660	Pack							

Remington® REG. U.S. PAT. & TM. OFF.

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

MODEL 700™ H24

SERIAL NO.
C6349194

ORDER NO.
5716

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

5716 C6349194

UPC

0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6349194

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	3 31 QUALITY AUDIT	90	RW
600	Proof	3 31	90	RW
607	Check Headspace	3 31	90	RW
610	Dis-assemble Gun	3 31	90	RW
612	Magnaflux Barrel Action	4-2-90		KCR
	Magnaflux Bolt	4-2-90		KCR
615	Rollmark Caliber	4-2-90		SL
617	Drill and Tap Sight Holes		4/4/90	W.B
618	Polish Barrel RW		4/5/90	W.B
620	Apply Coatings (Barrel Action)		4-9-90	TA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		4/18/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/18/90	RW
	C) Inspect Ejector Hole for Chamfer		4/18/90	RW
	D) Oil Firing Pin Ass'y		4/18/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4/23/90	SL

BARBER - M24 0109894

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			4/23/90	JK
	G) Safety Off Force	3	3	3			4/23/90	JK
	H) Trigger Pull Test & Retainability						4/23/90	JK
	I) Firing Pin Indent	.020	.020	.020			4/23/90	JK
	J) Assemble Stock						4/24/90	RW
	K) Assemble Swivel Studs						5/1/90	WB
	L) Attach Front and Rear Sight Assemblies						4/24/90	RW
	M) Iron Sight Alignment						4/24/90	RW
	N) Detach Front & Rear Sights & place in numbered container						4/24/90	RW
	O) Attach Scope to Rifle						4/24/90	JK
	P) Detach & Attach Scope 20 Times						4/24/90	JK
640	Gallery Target & Test						4-26-90	DA
	A) Time						4-26-90	DA
	B) Malfunctions						4-26-90	DA
	C) Pierced Primers						4-26-90	DA
	D) Optical Clarity of Scope						4-26-90	DA
645	Inspect for Live Ammo						4-26-90	DA
655	Final Inspection						5/1/90	WB
	A) Headspace						5/1/90	WB
	B) Trigger Pull	2.65	2.50	2.63	2.66	2.59	5/1/90	WB
	C) Function						5/1/90	WB
660	Pack						6-20-90	DA

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C 6349194DATE 4/23/90TESTER JW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.51	2.34	2.37	2.65	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.43	2.32	2.38	2.50	
PULL #3	2.44	2.40	2.33	2.63	
PULL #4	2.29	2.31	2.31	2.66	
PULL #5	2.33	2.30	2.27	2.59	
TOTAL	12.00	11.67	11.66		
AVG.	2.4	2.334	2.332		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.16	3.22		
PULL #2	3.24	3.25		
PULL #3	3.24	3.28		
PULL #4	3.30	3.30		
PULL #5	3.35	3.29		
TOTAL	16.29	16.34		
AVG.	3.258	3.268		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.40	4.48		4.43
PULL #2	4.47	4.46		4.52
PULL #3	4.33	4.40		4.53
PULL #4	4.35	4.42		4.51
PULL #5	4.49	4.36		4.50
TOTAL	22.04	22.12		22.51
AVG.	4.408	4.424		4.502

INTERCHANGEABILITY

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349194
18 Jun 1990

CENTROIDAL DISTANCES

0 TO	1	.716804
1 TO	2	.638226
1 TO	3	.722357
1 TO	4	.731755
1 TO	5	.539648

1
sp <----POA

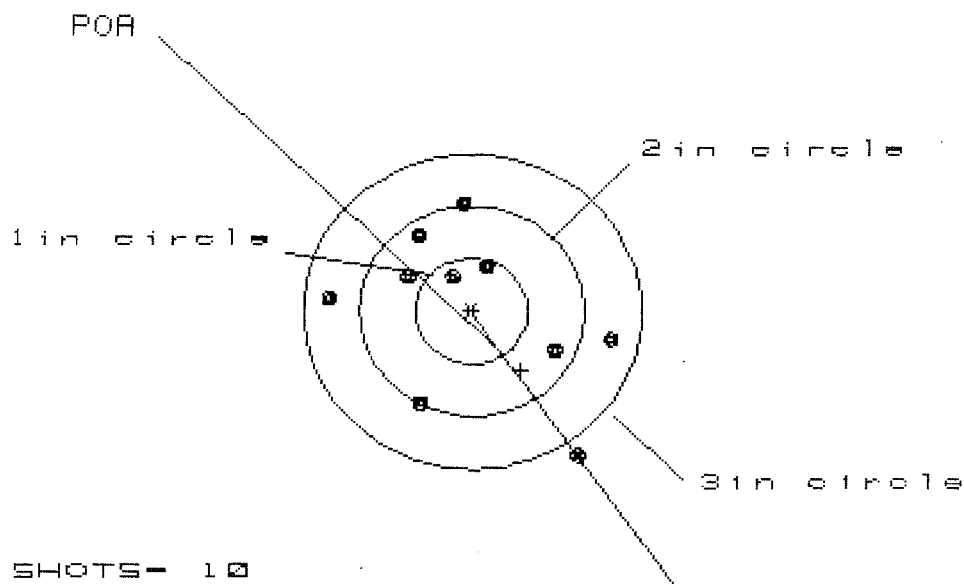
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2352
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0866
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .250636

THE AMR FOR THIS RIFLE IS: .8504

15 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6349194.1

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS= 2.461

VS= 2.439

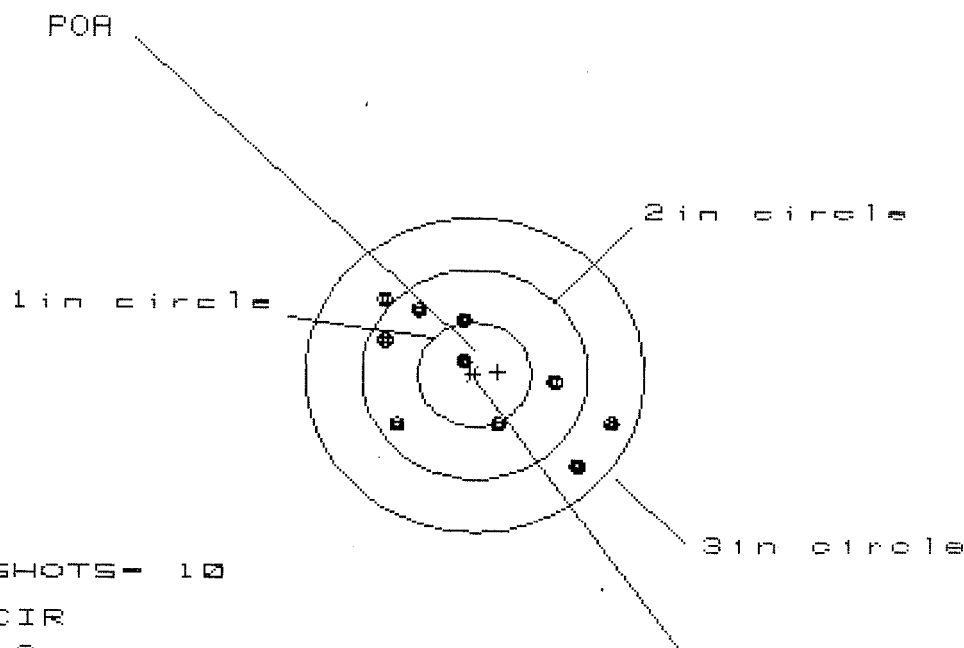
GS= 2.664

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.210	1.316	1.173
MINIMUM X	-1.251	-1.145	-.631
MAXIMUM Y	1.063	.910	.907
MINIMUM Y	-1.376	-1.001	-1.004
CENTROID X	-.432	-.538	-.395
CENTROID Y	.572	.725	.728
POA TO CENTROID in.	.717	.903	.828
MIN RADIUS	.354	.168	.245
MEAN RADIUS	.935	.802	.765
MAX RADIUS	1.671	1.387	1.254
HORIZONTAL SPREAD	2.461	2.461	1.804
VERTICAL SPREAD	2.439	1.911	1.911
EXTREME SPREAD	2.664	2.496	1.949
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

15 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6349194.1

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 10

HS= 2.064

VS= 1.625

GS= 2.427

CENTROID #

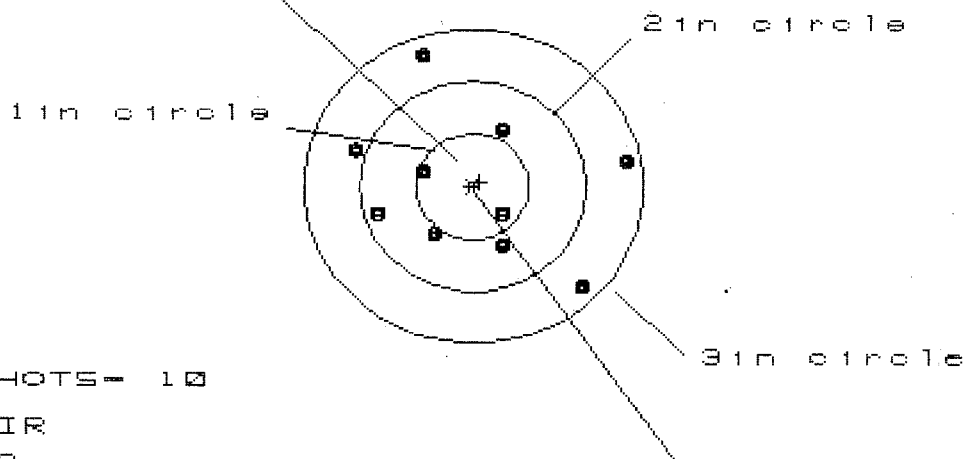
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.1247	1.087	.940
MINIMUM X	:	-.817	-.679	-.543
MAXIMUM Y	:	.765	.708	.594
MINIMUM Y	:	-.860	-.917	-.620
CENTROID X	:	-.209	-.347	-.483
CENTROID Y	:	-.026	.031	.145
POA TO CENTROID in.	:	.210	.349	.505
MIN RADIUS	:	.159	.029	.165
MEAN RADIUS	:	.806	.713	.608
MAX RADIUS	:	1.347	1.422	.972
HORIZONTAL SPREAD	:	2.064	1.766	1.483
VERTICAL SPREAD	:	1.625	1.625	1.214
EXTREME SPREAD	:	2.427	2.400	1.704
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			7	
NUMBER IN THREE INCH CIRCLE =			10	

15 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6349194.1

CENTERFIRE PATTERNS # 3

POA



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 6

3 in = 10

HS = 2.353

VS = 2.143

GS = 2.550

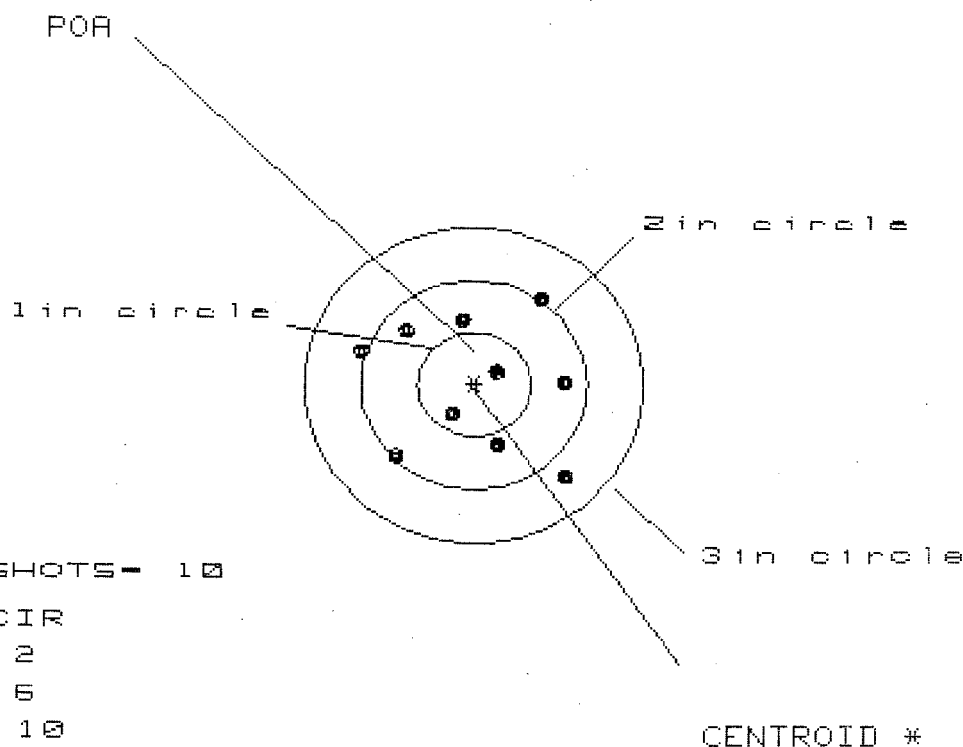
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.312	1.419	.584
MINIMUM X	:	-1.041	-.934	-.757
MAXIMUM Y	:	1.206	1.102	1.120
MINIMUM Y	:	-.937	-.646	-.628
CENTROID X	:	-.058	-.165	-.342
CENTROID Y	:	-.046	.058	.040
POA TO CENTROID in.	:	.074	.175	.344
MIN RADIUS	:	.392	.305	.129
MEAN RADIUS	:	.859	.798	.690
MAX RADIUS	:	1.340	1.426	1.129
HORIZONTAL SPREAD	:	2.353	2.353	1.341
VERTICAL SPREAD	:	2.143	1.748	1.748
EXTREME SPREAD	:	2.550	2.354	1.892
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

15 Jun 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6349194.1

CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1 in - 2

2 in - 6

3 in - 10

HS - 1.818

VS - 1.759

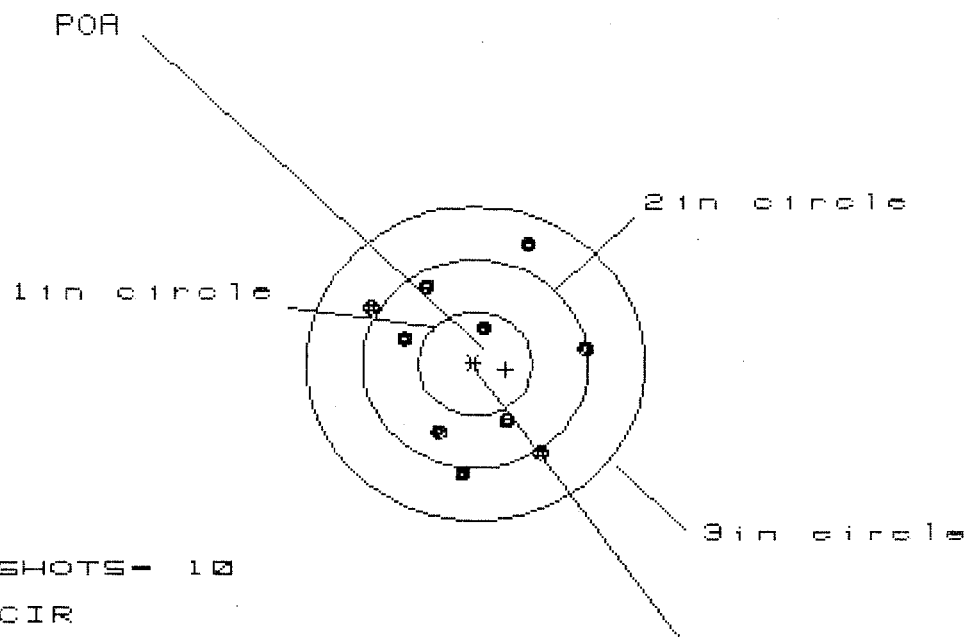
GS - 2.185

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.821	.911	.797
MINIMUM X	-.997	-.907	-.734
MAXIMUM Y	.842	.740	.767
MINIMUM Y	-.917	-.812	-.785
CENTROID X	-.203	-.293	-.179
CENTROID Y	-.123	-.021	-.048
POA TO CENTROID in.	.237	.293	.186
MIN RADIUS	.251	.323	.210
MEAN RADIUS	.790	.740	.701
MAX RADIUS	1.220	1.022	1.074
HORIZONTAL SPREAD	1.818	1.818	1.531
VERTICAL SPREAD	1.759	1.552	1.552
EXTREME SPREAD	2.185	2.037	2.037
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

15 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06349194.1

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 10

HS= 1.892

VS= 2.272

GS= 2.343

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.943	.994	.987
MINIMUM X	:	-.949	-.898	-.905
MAXIMUM Y	:	1.182	.842	.723
MINIMUM Y	:	-1.090	-.959	-.851
CENTROID X	:	-.274	-.325	-.318
CENTROID Y	:	.056	-.075	.044
POA TO CENTROID in.	:	.280	.334	.321
MIN RADIUS	:	.389	.530	.414
MEAN RADIUS	:	.862	.808	.780
MAX RADIUS	:	1.269	1.102	1.048
HORIZONTAL SPREAD	:	1.892	1.892	1.892
VERTICAL SPREAD	:	2.272	1.801	1.573
EXTREME SPREAD	:	2.343	2.045	2.045
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

INTERCHANGEABILITY

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349194
18 Jun 1990

CENTROIDAL DISTANCES

0 TO 1	.716804
1 TO 2	.638226
1 TO 3	.722357
1 TO 4	.731755
1 TO 5	.539648

1
5 (----POA

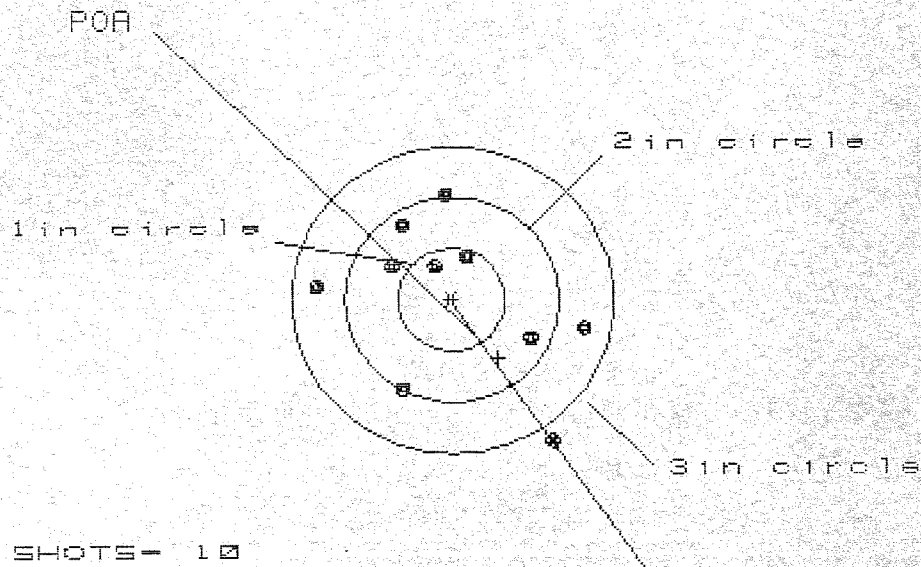
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2352
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0866
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .250636

THE AMR FOR THIS RIFLE IS: .8504

15 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6349194.1

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS = 2.461

VS = 2.439

GS = 2.664

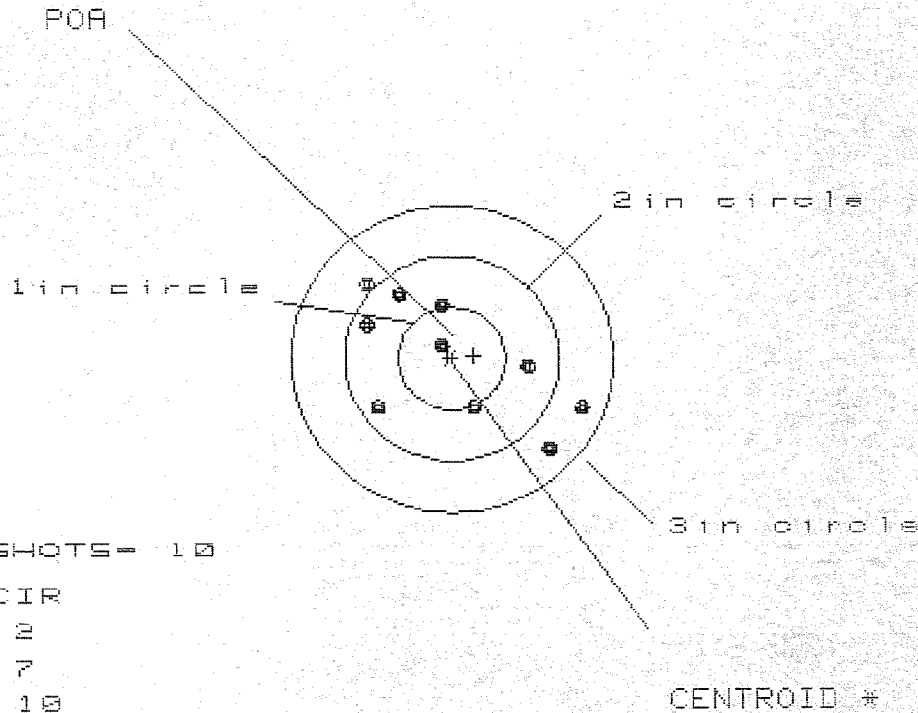
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.210	1.316	1.173
MINIMUM X	-1.251	-1.145	-.631
MAXIMUM Y	1.063	.910	.907
MINIMUM Y	-1.376	-1.001	-1.004
CENTROID X	-.432	-.538	-.395
CENTROID Y	.572	.725	.728
POA TO CENTROID in.	.717	.903	.828
MIN RADIUS	.354	.168	.245
MEAN RADIUS	.935	.802	.765
MAX RADIUS	1.671	1.387	1.254
HORIZONTAL SPREAD	2.461	2.461	1.804
VERTICAL SPREAD	2.439	1.911	1.911
EXTREME SPREAD	2.664	2.496	1.949
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

15 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8349194.1

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 7

3 in = 10

HS = 2.064

VS = 1.625

GS = 2.427

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.247	1.087	.940
MINIMUM X	-.817	-.679	-.543
MAXIMUM Y	.765	.708	.594
MINIMUM Y	-.860	-.917	-.620
CENTROID X	-.209	-.347	-.483
CENTROID Y	-.026	.031	.145
POA TO CENTROID in.	.210	.349	.505
MIN RADIUS	.159	.029	.165
MEAN RADIUS	.806	.713	.608
MAX RADIUS	1.347	1.422	.972
HORIZONTAL SPREAD	2.064	1.766	1.483
VERTICAL SPREAD	1.625	1.625	1.214
EXTREME SPREAD	2.427	2.400	1.704
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

15 Jun 1998

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CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS= 10

IN CIR

1 in = 2

2 in = 6

3 in = 10

HS= 2.353

VS= 2.143

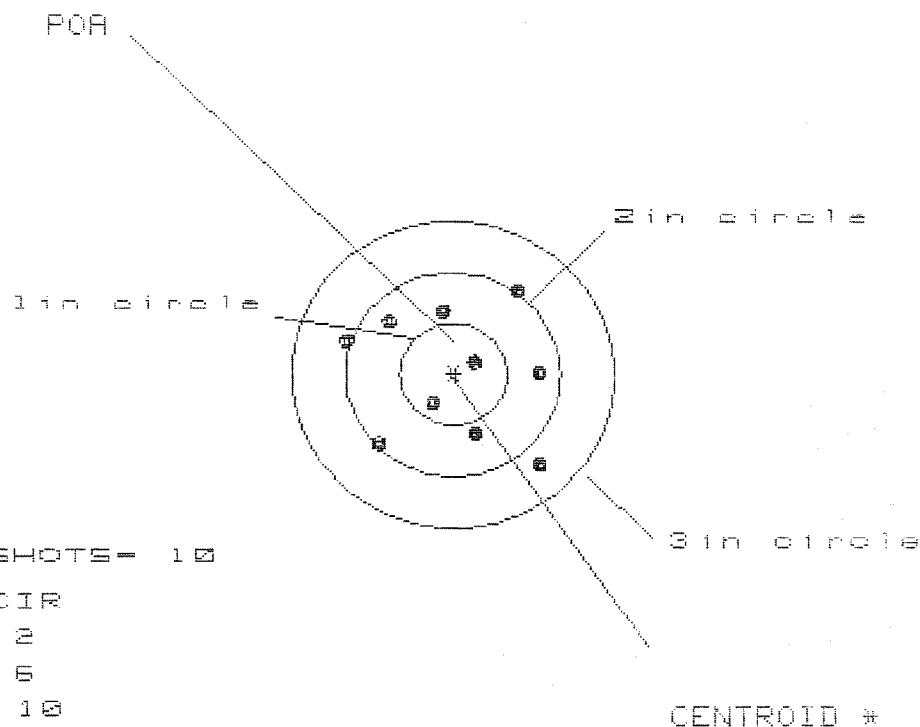
GS= 2.550

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.312	1.419	.584
MINIMUM X	:	-1.041	-.934	-.757
MAXIMUM Y	:	1.206	1.102	1.120
MINIMUM Y	:	-.937	-.646	-.628
CENTROID X	:	-.058	-.165	-.342
CENTROID Y	:	-.046	.058	.040
POA TO CENTROID in.	:	.074	.175	.344
MIN RADIUS	:	.392	.305	.129
MEAN RADIUS	:	.859	.798	.690
MAX RADIUS	:	1.340	1.426	1.129
HORIZONTAL SPREAD	:	2.353	2.353	1.341
VERTICAL SPREAD	:	2.143	1.748	1.748
EXTREME SPREAD	:	2.550	2.354	1.892
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

15 Jun 1988

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CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 6

3 in = 10

HS= 1.818

VS= 1.759

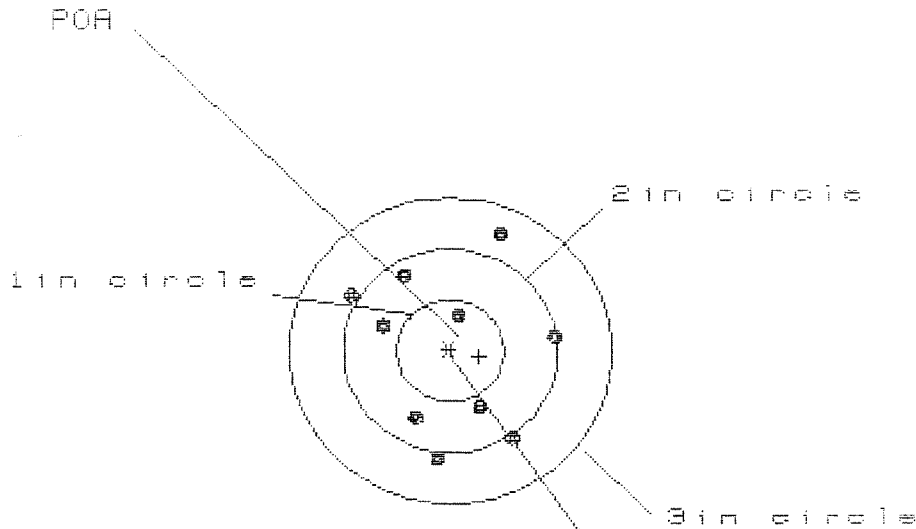
CS= 2.185

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.821	.911	.797
MINIMUM X	:	-.997	-.907	-.734
MAXIMUM Y	:	.842	.740	.767
MINIMUM Y	:	-.917	-.812	-.785
CENTROID X	:	-.203	-.293	-.179
CENTROID Y	:	-.123	-.021	-.048
POA TO CENTROID in.	:	.237	.293	.186
MIN RADIUS	:	.251	.323	.210
MEAN RADIUS	:	.790	.740	.701
MAX RADIUS	:	1.220	1.022	1.074
HORIZONTAL SPREAD	:	1.818	1.918	1.531
VERTICAL SPREAD	:	1.759	1.552	1.552
EXTREME SPREAD	:	2.185	2.037	2.037
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	10		

15 Jun 1998

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CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 6

3 in = 10

HS = 1.882

VS = 2.272

GS = 2.343

CENTROID #

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.943	.994	.987
MINIMUM X	-.949	-.898	-.905
MAXIMUM Y	1.182	.842	.723
MINIMUM Y	-1.090	-.959	-.851
CENTROID X	-.274	-.325	-.318
CENTROID Y	.056	-.075	.044
POA TO CENTROID in.	.280	.334	.321
MIN RADIUS	.389	.530	.414
MEAN RADIUS	.862	.808	.780
MAX RADIUS	1.269	1.102	1.048
HORIZONTAL SPREAD	1.892	1.892	1.892
VERTICAL SPREAD	2.272	1.801	1.573
EXTREME SPREAD	2.343	2.045	2.045
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	