

C6522149

MODEL 760TM #24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.



Smead[®]

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: **RE00023085** Serial: **C6522149** Model: **700** Center Fire Caliber: **7.62 NATO M-24 (BWS)** Repairman: Status: **Closed 2/16/01 10:39:44 AM**

Verify Repair:

Address Information

Customer: **C CO SPT BN** Received From: **C CO SPT BN** Return To: **C CO SPT BN**

Address 1: **USA JFK SWCS** Address 2: PO Box:

City: **FT BRAGG** State: **NC** Zip Code: **28310** Country: **US**

FFL:

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: Fax: Email: Comments:

Received Condition

Condition: **Poor** Notes:

CSR Notes:

Accessories Received

Code	Desc.	Qty
A007	With Stud	1
A008	With Swivel	1
A016	Scope Mounts	1
A017	Scope Base	1
A026	Scope	1

Repair Search Refresh Close

magtel 2/17/01 7:45 AM CAPS NUM INS SCRL

Start NIS Inb Expl Part SA Ar... Nag Ne 7:45 AM

Serial Number: **C6522149**

Model: **700**



RE00023085

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6522149
3 Apr 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1192
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0332
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .123737

THE AMR FOR THIS RIFLE IS: 1.477

CENTROIDAL DISTANCES

0	TO	1	.314358
1	TO	2	.349367
1	TO	3	.195167
1	TO	4	.324094
1	TO	5	.204463

$\begin{matrix} 2^4 & 3 \\ 5 & 1 \end{matrix}$ <----POA

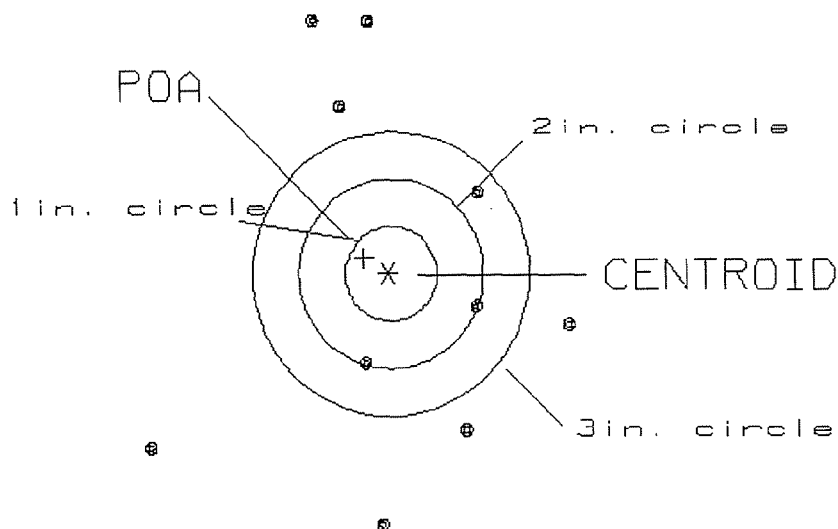
PATTERN #: ☐ 1 ☐

POA TO CENTROID: .315
 MIN RADIUS : .958
 MEAN RADIUS : 2.038
 MAX RADIUS : 3.205
 CENTROID X : .270
 CENTROID Y : -.161

3 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6522149

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 4.58
 VS= 5.36
 GS= 5.38

0
 1
 3

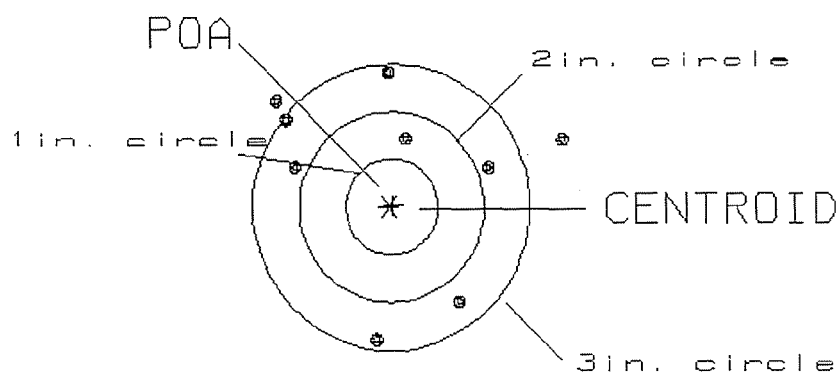
PATTERN #: ☐ 2 ☐

POA TO CENTROID: .047
 MIN RADIUS : .690
 MEAN RADIUS : 1.545
 MAX RADIUS : 3.393
 CENTROID X : -.046
 CENTROID Y : -.012

3 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6522149

CENTERFIRE PATTERN # 2



OF SHOTS= 10

•

IN CIRCLE

HS= 3.08

0

VS= 4.85

1

GS= 4.85

7

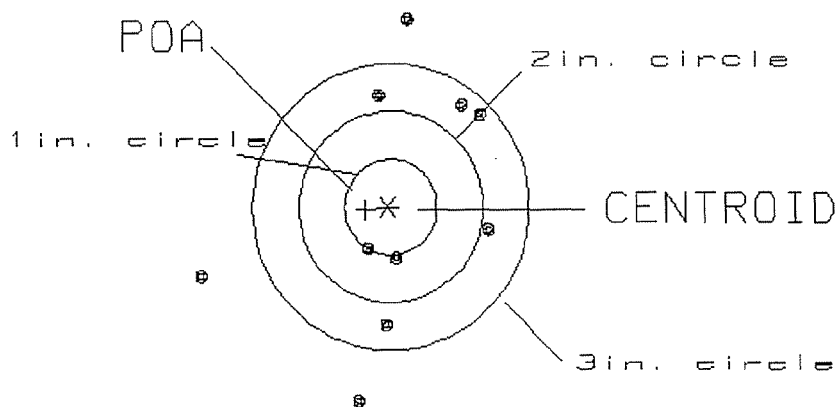
PATTERN #: 3

POA TO CENTROID: .243
 MIN RADIUS : .534
 MEAN RADIUS : 1.346
 MAX RADIUS : 2.207
 CENTROID X : .241
 CENTROID Y : .032

3 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6522149

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.14

0

VS= 3.92

2

GS= 3.95

7

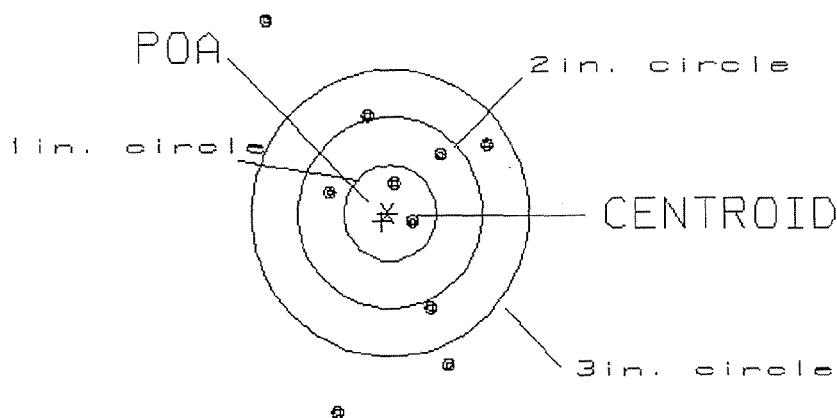
PATTERN #: 4

POA TO CENTROID: .104
 MIN RADIUS : .307
 MEAN RADIUS : 1.182
 MAX RADIUS : 2.426
 CENTROID X : .059
 CENTROID Y : .085

3 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6522149

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.45

2

VS= 4.09

4

GS= 4.17

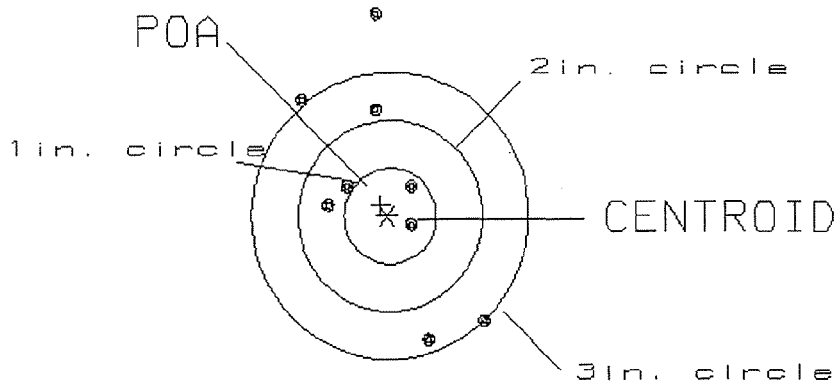
7

PATTERN #: ☐ 5 ☐
 POA TO CENTROID: .132
 MIN RADIUS : .285
 MEAN RADIUS : 1.246
 MAX RADIUS : 2.890
 CENTROID X : .072
 CENTROID Y : -.110

3 Apr 2001

FILE:/Hqbasic/Accuracy/Patterning/Centerfire_Patt/C6522149

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 1.92
 VS= 4.96
 GS= 4.99

2
 4
 7

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6522149
4 Apr 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0016
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0248
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0248516

THE AMR FOR THIS RIFLE IS: 1.212

CENTROIDAL DISTANCES

0 TO	1	.175932
1 TO	2	.251287
1 TO	3	.128996
1 TO	4	.397334
1 TO	5	.137888

25¹₃ <----POA
4

PATTERN #: ☐ 1 ☐

POA TO CENTROID: .176

MIN RADIUS : .309

MEAN RADIUS : 1.622

MAX RADIUS : 5.312

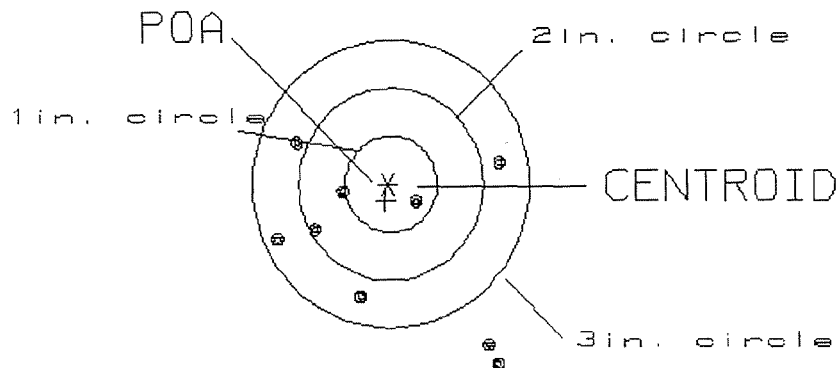
CENTROID X : .026

CENTROID Y : .174

4 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6522149.1.1.1.1

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.43

1

VS= 7.21

3

GS= 7.27

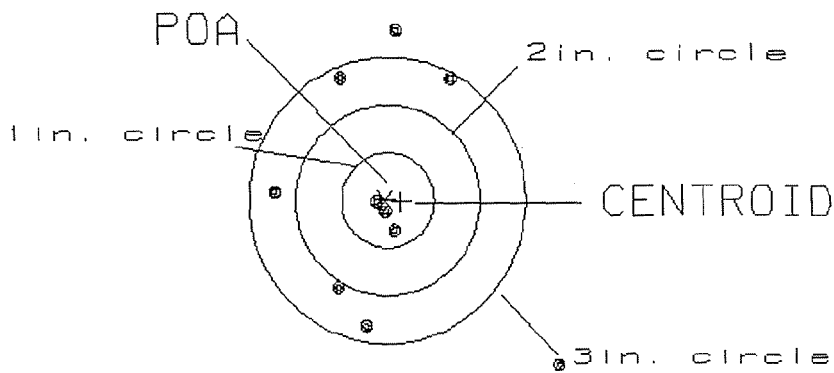
7

PATTERN #: ☐ 2 ☐
 POA TO CENTROID: .172
 MIN RADIUS : .143
 MEAN RADIUS : 1.120
 MAX RADIUS : 2.559
 CENTROID X : -.171
 CENTROID Y : .018

4 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6522149.1.1.1

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.08

3

VS= 3.49

3

GS= 3.94

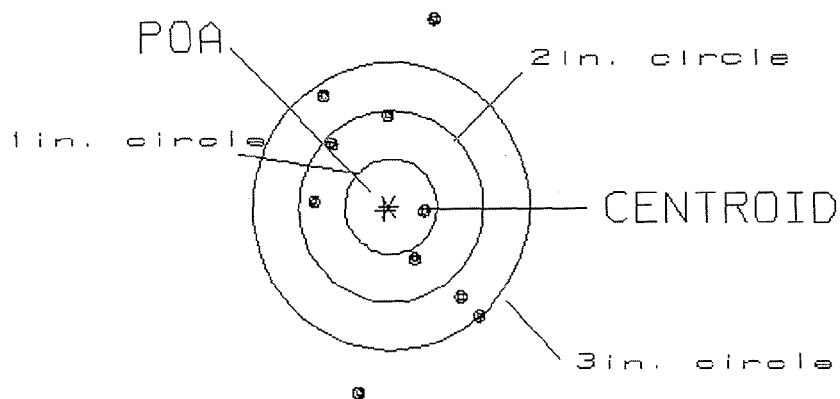
8

PATTERN #: ☐ 3 ☐
 POA TO CENTROID: .062
 MIN RADIUS : .325
 MEAN RADIUS : 1.164
 MAX RADIUS : 1.997
 CENTROID X : .042
 CENTROID Y : .046

4 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6522149.1.1.1

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 1.80

1

VS= 3.91

5

GS= 3.98

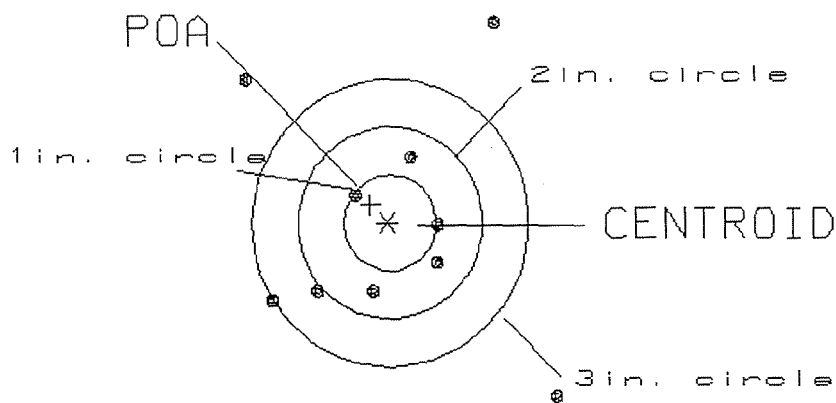
8

PATTERN #: 4
 POA TO CENTROID: .265
 MIN RADIUS : .477
 MEAN RADIUS : 1.279
 MAX RADIUS : 2.553
 CENTROID X : .183
 CENTROID Y : -.191

4 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6522149.1.1.1

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.40

1

VS= 3.63

5

GS= 4.70

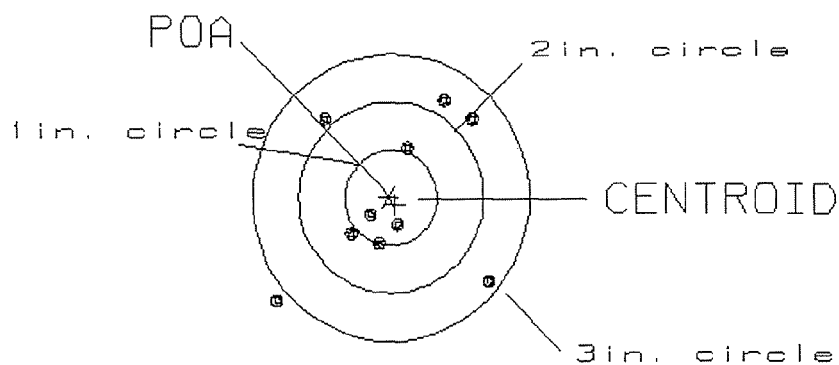
6

PATTERN #: ☐ 5 ☐
 POA TO CENTROID: .105
 MIN RADIUS : .263
 MEAN RADIUS : .873
 MAX RADIUS : 1.684
 CENTROID X : -.072
 CENTROID Y : .077

4 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6522149.1.1.1

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.38

2

VS= 2.12

5

GS= 2.86

9

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

R & E NUMBER			
SERIAL NUMBER <u>C6522149</u>			
LOG-IN DATE <u>2-17-01</u>			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2-21-01	CK
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	3-23-01	RW
605	CHECK HEADSPACE	3-23-01	RW
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	4-2-01	RW
655	FINAL INSPECT	4-3-01	RW
660	PACK		
		SHIP DATE	
QAR INSPECTION DATE			

Final Inspection

Sn: C6522149

DATE REC'D: 2-17-01

DATE RET'D:

Auditor: CK

Item:

Barrel Assy.

☒ BARREL☒ RECEIVER☒ FRONT SIGHT BLOCK☒ REAR SIGHT BLOCK☒ SCREWS☒ FINISH

Scope Assy.

☒ Scope☒ Scope Rings☒ Mounting Screws☒ Mounting Base☒ Screws☒ Finish☒ Looseness☒ Clarity

Item:

Stock Assy.

☒ Stock☒ Sling Swivel Studs☒ ADJUSTABLE BUTT PLATE☒ LOCK NUTS☒ BARREL CLEARANCE☒ COLOR/FINISH

Systems Case

☐ Scope Case☐ Iron Sights☐ Deployment Kit

Trigger

☒ Safety Operation☒ Set

Comments:

Misc.

☐ DD-250☐ BAR CODE☐ PACKAGING

Remington®

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

DU PONT

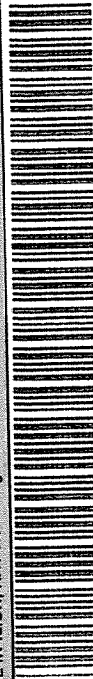
VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.

MODEL 700™ H24

SERIAL NO. C6522149

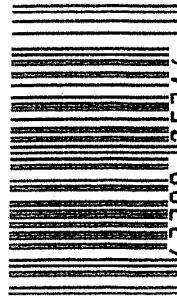
ORDER NO. 5716

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



5716 C6522149

UPC



0 47700 25716 7

2.69

2.52

2.48

2.47

2.45

INTERCHANGEABILITY

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6522149

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	8 2	90	RW
600	Proof	8 2	90	RW
607	Check Headspace	8 2	90	RW
610	Dis-assemble Gun	8 2	90	RW
612	Magnaflux Barrel Action		8/7/90	KR
	Magnaflux Bolt		8/7/90	KR.
615	Rollmark Caliber		8/7/90	LL
617	Drill and Tap Sight Holes		8/10/90	LB
618	Polish Barrel		8/14/90	WL
620	Apply Coatings (Barrel Action)		8/22/90	TS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/24/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/24/90	RW
	C) Inspect Ejector Hole for Chamfer		8/24/90	RW
	D) Oil Firing Pin Ass'y		8/24/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8/28/90	SM

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			8/28/90	WLB
	G) Safety Off Force	7 1/2	7 1/2	7 1/2			8/28/90	WLB
	H) Trigger Pull Test & Retainability						8/28/90	JH
	I) Firing Pin Indent	^{0.012} 0.0225	^{0.022} 0.022	^{0.022} 0.022			8/28/90	WLB
	J) Assemble Stock						9/6/90	RW
	K) Assemble Swivel Studs						9/9/90	LS
	L) Attach Front and Rear Sight Assemblies						9/6/90	RW
	M) Iron Sight Alignment						9/6/90	RW
	N) Detach Front & Rear Sights & place in numbered container						9/6/90	RW
	O) Attach Scope to Rifle						9/6/90	RW
	P) Detach & Attach Scope 20 Times						9/6/90	RW
640	Gallery Target & Test						9/8/90	NF
	A) Time						9/8/90	NF
	B) Malfunctions						9/8/90	NF
	C) Pierced Primers						9/8/90	NF
	D) Optical Clarity of Scope						9/8/90	NF
645	Inspect for Live Ammo						9/8/90	NF
655	Final Inspection						9/9/90	JH
	A) Headspace						9/9/90	JH
	B) Trigger Pull	245	240	227	238	241	9/9/90	JH
	C) Function						9/9/90	JH
660	Pack						9-28-90	JH

SWS TRIGGER PULL TEST

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

SERIAL NO. C6522149

DATE 8/28/90

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.29	2.36	2.38	245	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.25	2.30	2.41	240	
PULL #3	2.30	2.42	2.43	227	
PULL #4	2.32	2.36	2.38	238	
PULL #5	2.39	2.41	2.30	241	
TOTAL	11.55	11.85	11.90		
AVG.	2.31	2.37	2.38		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.13	3.42		
PULL #2	3.41	3.40		
PULL #3	3.38	3.41		
PULL #4	3.36	3.37		
PULL #5	3.40	3.43		
TOTAL	16.68	17.03		
AVG.	3.336	3.406		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.21	4.21		4.15
PULL #2	4.20	4.20		4.16
PULL #3	4.14	4.15		4.15
PULL #4	4.18	4.17		4.14
PULL #5	4.20	4.18		4.15
TOTAL	20.85	20.91		20.75
AVG.	4.17	4.182		4.15

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522149
8 Sep 1990

CENTROIDAL DISTANCES

0 TO 1	.21822
1 TO 2	.052345
1 TO 3	.708138
1 TO 4	.832493
1 TO 5	.160963

4
4+ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2504
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0356
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .252918

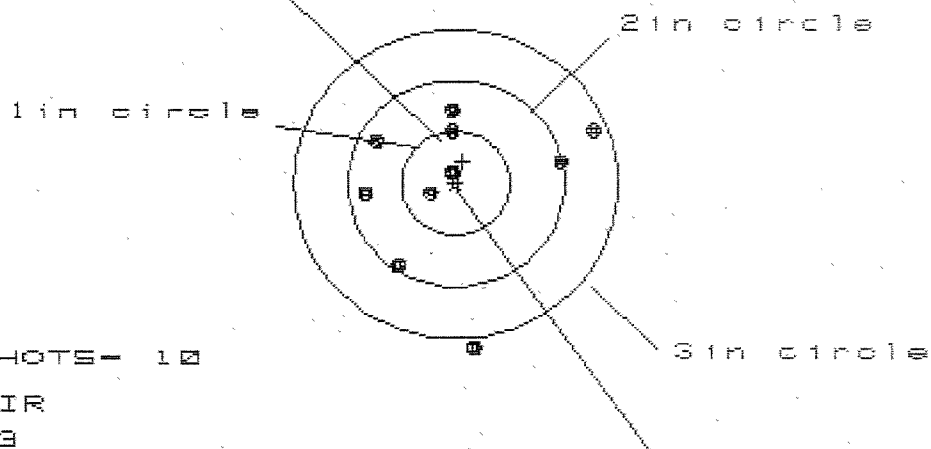
THE AMR FOR THIS RIFLE IS: 1.164

B Sep 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6522149

CENTERFIRE PATTERNS # 1

POA



OF SHOTS- 10

IN CIR

1in = 3

2in = 8

3in = 9

HS= 2.061

VS= 2.261

GS= 2.281

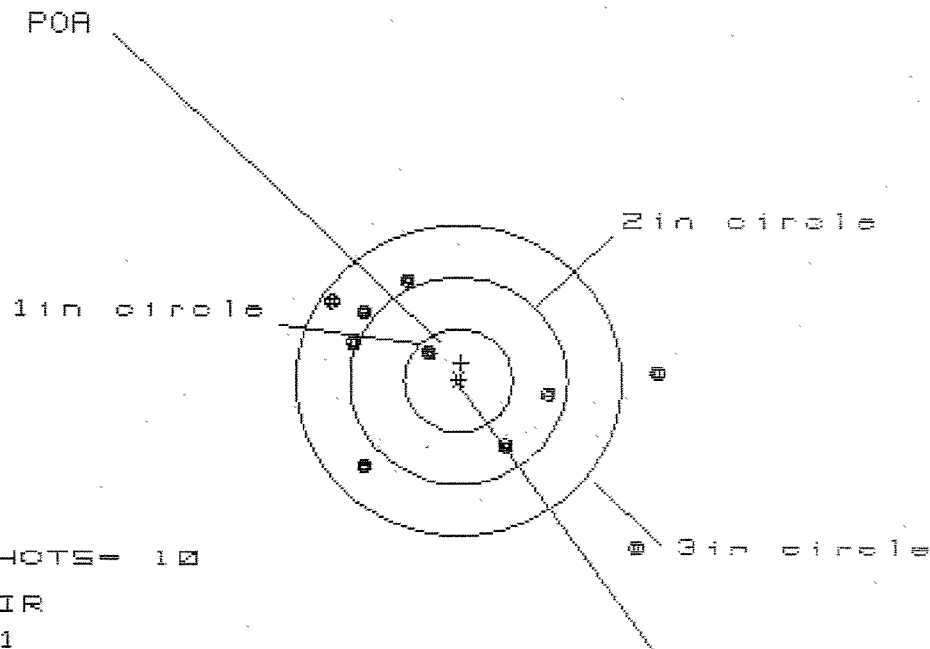
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.248	1.267	1.119
MINIMUM X	-.813	-.794	-.636
MAXIMUM Y	.719	.547	.584
MINIMUM Y	-1.542	-.917	-.880
CENTROID X	-.066	-.085	-.243
CENTROID Y	-.208	-.036	-.073
POA TO CENTROID in.	.218	.092	.254
MIN RADIUS	.132	.041	.167
MEAN RADIUS	.806	.688	.603
MAX RADIUS	1.552	1.301	1.125
HORIZONTAL SPREAD	2.061	2.061	1.755
VERTICAL SPREAD	2.261	1.464	1.464
EXTREME SPREAD	2.281	2.194	1.818
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	9		

8 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6522143

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 1

2in = 3

3in = 8

HS= 2.923

VS= 2.590

GS= 3.651

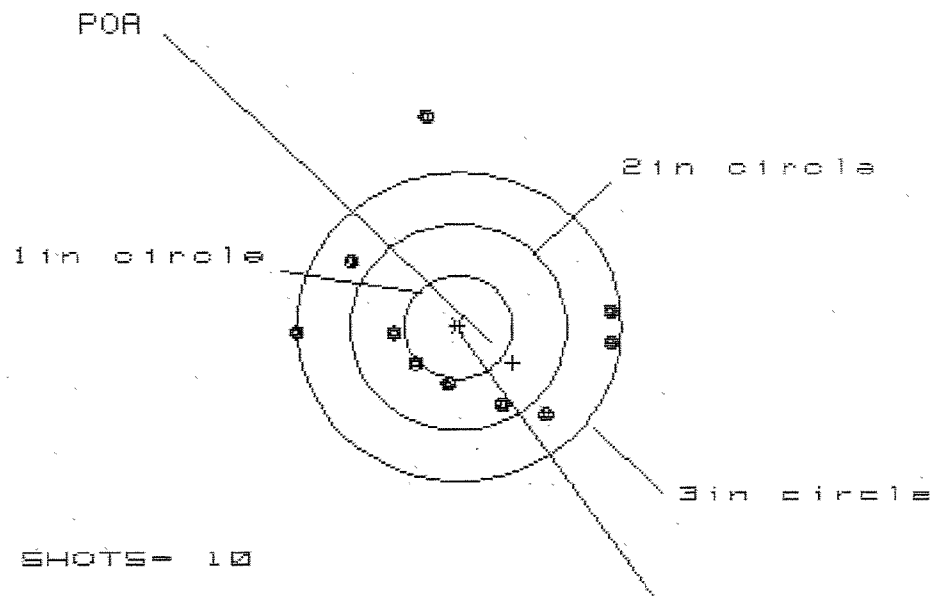
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.788	1.966	1.264
MINIMUM X	:	-1.135	-.957	-.711
MAXIMUM Y	:	.981	.802	.786
MINIMUM Y	:	-1.609	-1.035	-1.051
CENTROID X	:	-.028	-.206	-.452
CENTROID Y	:	-.172	.007	.023
POA TO CENTROID in.	:	.174	.207	.453
MIN RADIUS	:	.405	.154	.194
MEAN RADIUS	:	1.199	1.020	.856
MAX RADIUS	:	2.275	1.971	1.317
HORIZONTAL SPREAD	:	2.923	2.923	1.975
VERTICAL SPREAD	:	2.590	1.837	1.837
EXTREME SPREAD	:	3.651	3.018	2.202
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			3	
NUMBER IN THREE INCH CIRCLE =			8	

8 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6522149

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 0

2in = 4

3in = 9

HS= 2.885

VS= 2.932

GS= 3.132

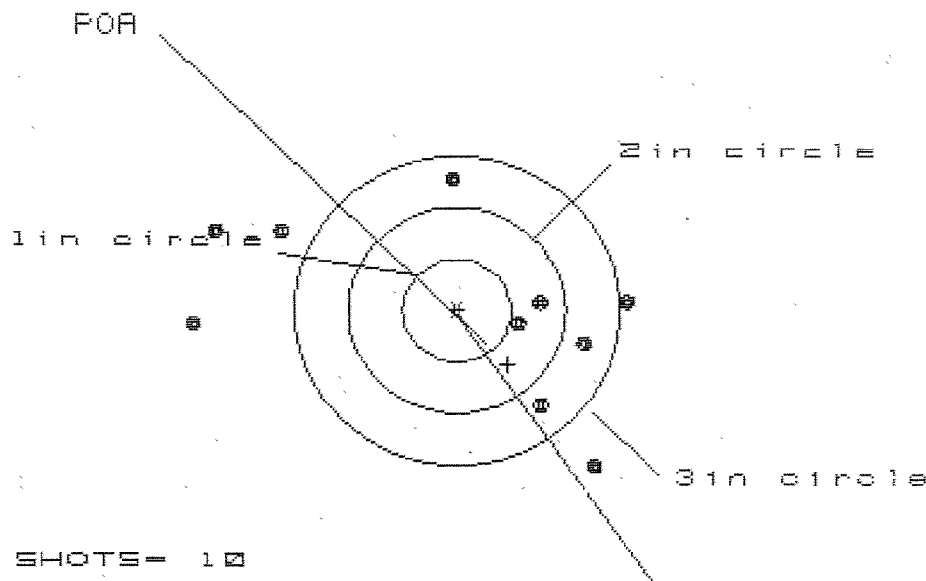
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.399	1.364	1.172
MINIMUM X	:	-1.496	-1.531	-1.260
MAXIMUM Y	:	2.045	.839	.862
MINIMUM Y	:	-.887	-.660	-.637
CENTROID X	:	-.502	-.467	-.275
CENTROID Y	:	.350	.123	.100
POR TO CENTROID in.	:	.612	.483	.293
MIN RADIUS	:	.534	.354	.428
MEAN RADIUS	:	1.126	.967	.893
MAX RADIUS	:	2.069	1.542	1.526
HORIZONTAL SPREAD	:	2.895	2.895	2.432
VERTICAL SPREAD	:	2.932	1.499	1.499
EXTREME SPREAD	:	3.132	2.898	2.554
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

8 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8522149

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 0

2 in = 2

3 in = 5

HS = 3.995

VS = 2.893

GS = 4.253

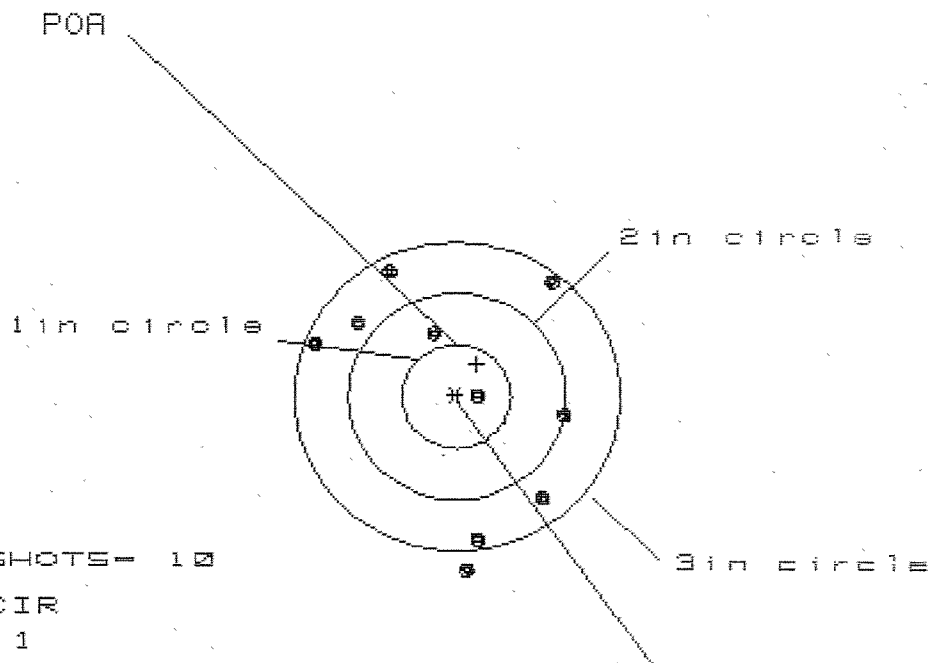
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.587	1.319	1.008
MINIMUM X	:	-2.408	-2.495	-2.200
MAXIMUM Y	:	1.327	1.311	1.408
MINIMUM Y	:	-1.566	-1.582	-1.485
CENTROID X	:	-.468	-.200	.111
CENTROID Y	:	.521	.537	.440
FOR TO CENTROID in.	:	.700	.573	.454
MIN RADIUS	:	.582	.330	.034
MEAN RADIUS	:	1.536	1.347	1.051
MAX RADIUS	:	2.413	2.614	2.346
HORIZONTAL SPREAD	:	3.995	3.814	3.207
VERTICAL SPREAD	:	2.893	2.893	2.893
EXTREME SPREAD	:	4.253	4.253	3.724
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		5	

8 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8522149

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 3

3in = 8

HS= 2.263

VS= 2.895

GS= 2.970

CENTROID *

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.964	.970	.999
MINIMUM X	-1.299	-1.293	-1.264
MAXIMUM Y	1.219	1.033	.832
MINIMUM Y	-1.676	-1.603	-1.390
CENTROID X	-.188	-.194	-.223
CENTROID Y	-.313	-.127	.074
POA TO CENTROID in.	.365	.232	.235
MIN RADIUS	.227	.279	.301
MEAN RADIUS	1.155	1.074	.979
MAX RADIUS	1.677	1.620	1.590
HORIZONTAL SPREAD	2.263	2.263	2.263
VERTICAL SPREAD	2.895	2.636	2.222
EXTREME SPREAD	2.970	2.765	2.599
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	9		

INTERCHANGEABILITY

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522149
17 Sep 1990

CENTROIDAL DISTANCES

0 TO	1	.0502195
1 TO	2	.49366
1 TO	3	.342243
1 TO	4	.0440454
1 TO	5	.245082

2
<----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0626
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2468
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .254615
THE AMR FOR THIS RIFLE IS: 1.214

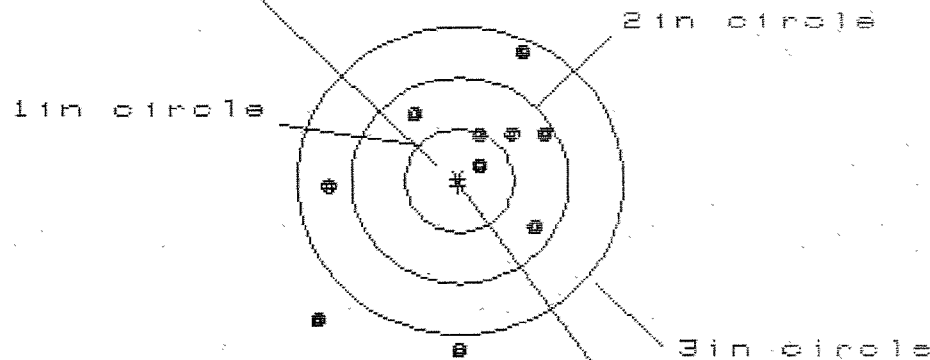
17 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6522149.1

CENTERFIRE PATTERNS

1

POA



OF SHOTS= 10

IN CIR

1in = 1

2in = 6

3in = 8

HS= 2.132

VS= 2.902

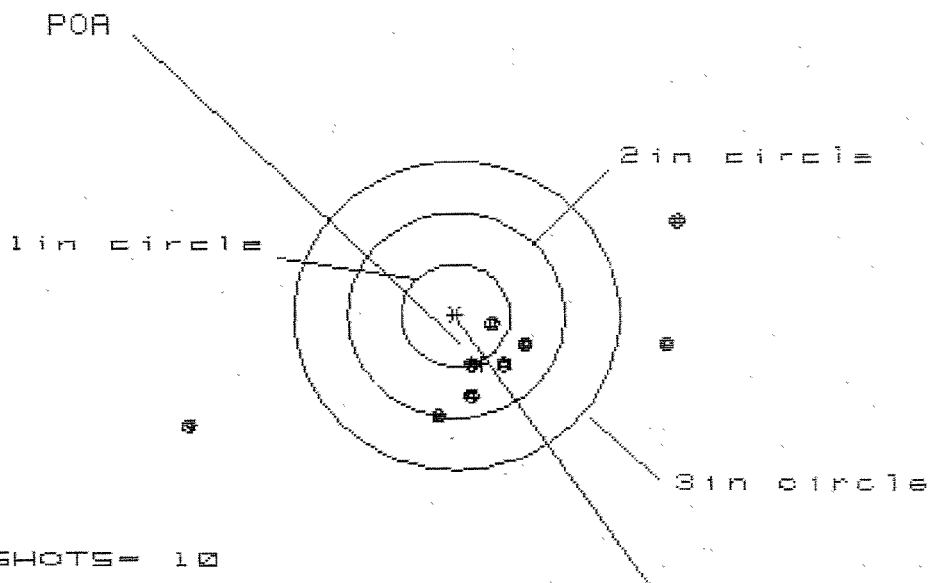
GS= 3.239

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.790	.641	.617
MINIMUM X	-1.342	-1.345	-1.369
MAXIMUM Y	1.224	1.074	.846
MINIMUM Y	-1.678	-1.828	-.809
CENTROID X	.011	.160	.184
CENTROID Y	.049	.198	.426
POA TO CENTROID in.	.050	.254	.464
MIN RADIUS	.244	.034	.122
MEAN RADIUS	1.010	.832	.661
MAX RADIUS	1.898	1.838	1.437
HORIZONTAL SPREAD	2.132	1.986	1.986
VERTICAL SPREAD	2.902	2.902	1.655
EXTREME SPREAD	3.239	2.980	2.235
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

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CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 6

HS= 4.987

VS= 4.524

GS= 6.183

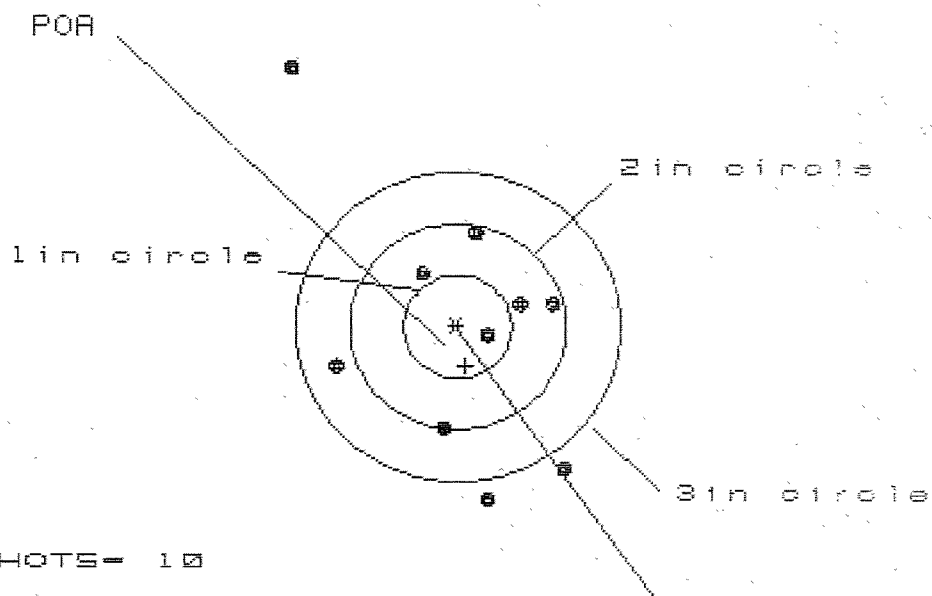
CENTROID #

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.019	1.689	1.339
MINIMUM X	-2.968	-2.804	-.867
MAXIMUM Y	3.467	1.304	1.220
MINIMUM Y	-1.057	-.672	-.637
CENTROID X	-.235	.095	.445
CENTROID Y	.477	.092	.176
POA TO CENTROID in.	.532	.132	.479
MIN RADIUS	.392	.128	.047
MEAN RADIUS	1.536	.975	.769
MAX RADIUS	4.564	2.883	1.812
HORIZONTAL SPREAD	4.987	4.493	2.206
VERTICAL SPREAD	4.524	1.976	1.857
EXTREME SPREAD	6.183	4.908	2.884
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		6	

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CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 1

2in = 6

3in = 7

HE= 2.541

VS= 4.114

GS= 4.576

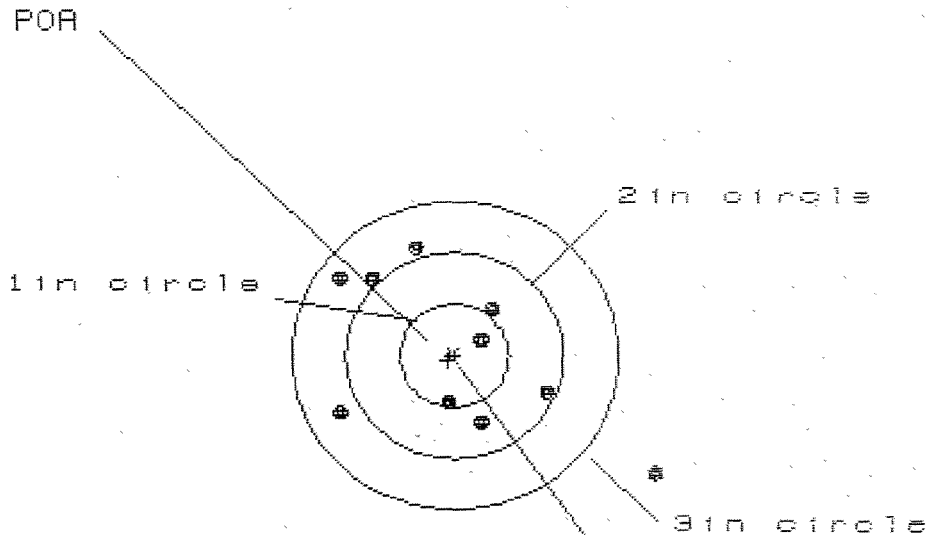
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.974	.800	.815
MINIMUM X	:	-1.567	-1.287	-1.272
MAXIMUM Y	:	2.474	1.157	.987
MINIMUM Y	:	-1.640	-1.365	-1.227
CENTROID X	:	-.076	.098	.083
CENTROID Y	:	.380	.105	.275
POA TO CENTROID in.	:	.387	.143	.288
MIN RADIUS	:	.276	.263	.136
MEAN RADIUS	:	1.175	.962	.871
MAX RADIUS	:	2.929	1.370	1.473
HORIZONTAL SPREAD	:	2.541	2.087	2.087
VERTICAL SPREAD	:	4.114	2.522	2.214
EXTREME SPREAD	:	4.576	2.523	2.344
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		7	

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CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 9

HS= 2.901

VS= 2.188

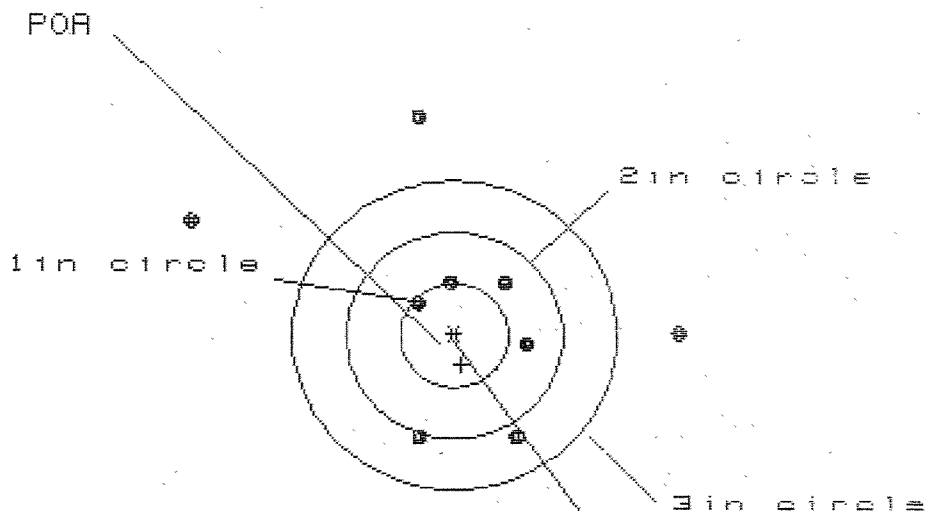
GS= 3.481

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.809	1.012	.901
MINIMUM X	-1.092	-.891	-.991
MAXIMUM Y	1.025	.895	.974
MINIMUM Y	-1.163	-.766	-.687
CENTROID X	.055	-.146	-.035
CENTROID Y	.047	.177	.098
POA TO CENTROID in.	.072	.229	.104
MIN RADIUS	.245	.400	.303
MEAN RADIUS	.962	.834	.777
MAX RADIUS	2.151	1.118	1.147
HORIZONTAL SPREAD	2.901	1.903	1.892
VERTICAL SPREAD	2.188	1.661	1.661
EXTREME SPREAD	3.481	2.201	1.901
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 6

HS= 4.494

VS= 4.672

CS= 4.672

CENTROID #

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.077	1.809	1.733
MINIMUM X	-2.417	-.649	-.725
MAXIMUM Y	2.163	2.283	1.985
MINIMUM Y	-2.509	-2.389	-1.147
CENTROID X	-.068	.200	.276
CENTROID Y	.281	.161	.459
POA TO CENTROID in.	.289	.257	.536
MIN RADIUS	.428	.425	.319
MEAN RADIUS	1.386	1.224	1.033
MAX RADIUS	2.648	2.464	2.113
HORIZONTAL SPREAD	4.494	2.458	2.458
VERTICAL SPREAD	4.672	4.672	3.132
EXTREME SPREAD	4.672	4.672	3.274
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		6	