

C6348781

MODEL 700TM M24

Model **SWS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington.

M2400063861

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

Swiss

Remington



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

MODEL 700™ M24

SERIAL NO.
C6348781

ORDER NO.
5716

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

Ø1



5716 C6348781

UPC



0 47700 25716 7

Arms Services Repair & Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools LSR Tools Reports Table Maintenance System Maintenance Help

Repair Number: **RE00032502** Serial: C6348781 Model 700 Center Fire Caliber: 7 62 NATO M24 SWS WOG 20 of 25 Repairman: Status: New 9/14/01 3:12:59 PM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: DEFENCE DIST DEPOT ANNISTON DEFENCE DIST DEPOT ANNISTON

Address 1: 7 FRANKFORD AVE 7 FRANKFORD AVE

Address 2: PO Box: PO Box:

City: ANNISTON ANNISTON

State: AL Zip Code: 36201 Country: US State: AL Zip Code: 36201 Country: US

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: Fax: Email: Comments:

Received Condition

Fair

Condition Notes: CSR Notes:

Accessories Received

Code	Desc	Qty
A006	Sling Strap	1
A007	With Stud	3
A008	With Swivel	2
A010	Hard Case	1
A026	Scope	1
X001	Scope Case	1
X002	Deployment Kit	1

Repair Search Refresh Close

nagletj 9/17/01 7:50 AM LAPS NUM INS SCPL

Start Arms Services Repair & Es... 7:50 AM

Serial Number:

C6348781

Model: **700**



RE00032502

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6348781
4 Oct 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0612
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0688
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0920808

THE AMR FOR THIS RIFLE IS: 1.074

CENTROIDAL DISTANCES

0 TO	1	.333901
1 TO	2	.59529
1 TO	3	.222713
1 TO	4	.295149
1 TO	5	.489183

2
4 + 5 <----POA
3
1

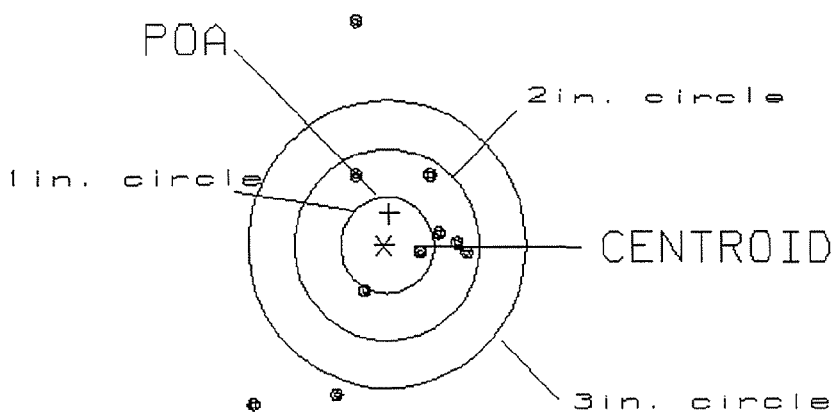
PATTERN #: 1

POA TO CENTROID: .334
 MIN RADIUS : .333
 MEAN RADIUS : 1.106
 MAX RADIUS : 2.318
 CENTROID X : -.057
 CENTROID Y : -.329

4 Oct 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6348781

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.35
 VS= 3.95
 GS= 4.11

1
 7
 7

PATTERN #: ☐ 2 ☐

POA TO CENTROID: .294

MIN RADIUS : .167

MEAN RADIUS : 1.134

MAX RADIUS : 1.817

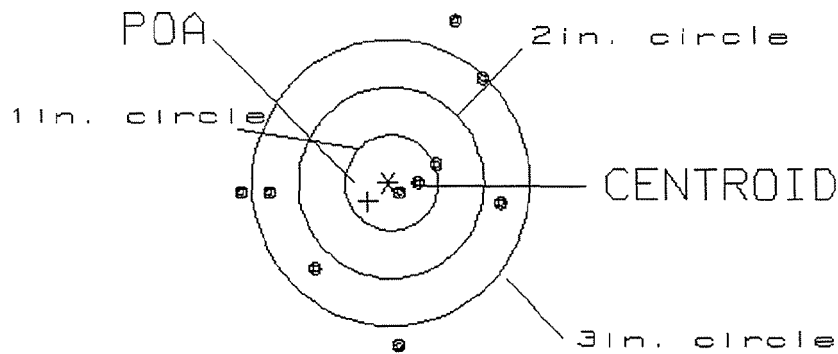
CENTROID X : .216

CENTROID Y : .200

4 Oct 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6348781

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.76

2

VS= 3.39

3

GS= 3.44

6

PATTERN #: ☐ 3 ☐

POA TO CENTROID: .136

MIN RADIUS : .414

MEAN RADIUS : 1.188

MAX RADIUS : 2.326

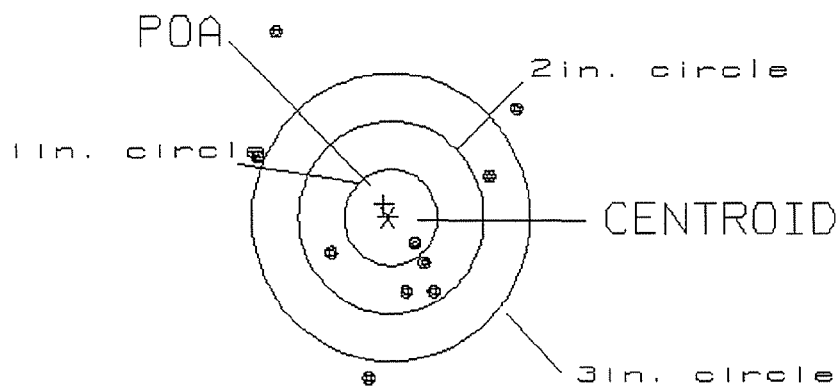
CENTROID X : .043

CENTROID Y : -.130

4 Oct 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6348781

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.78

1

VS= 3.61

5

GS= 3.74

6

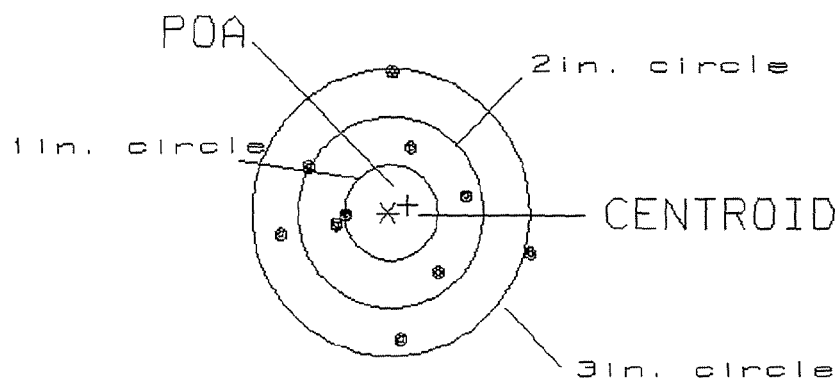
PATTERN #: ☐ 4 ☐

POA TO CENTROID: .222
 MIN RADIUS : .471
 MEAN RADIUS : .995
 MAX RADIUS : 1.535
 CENTROID X : -.209
 CENTROID Y : -.076

4 Oct 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6348781

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.65
 VS= 2.88
 GS= 2.89

1
 6
 3

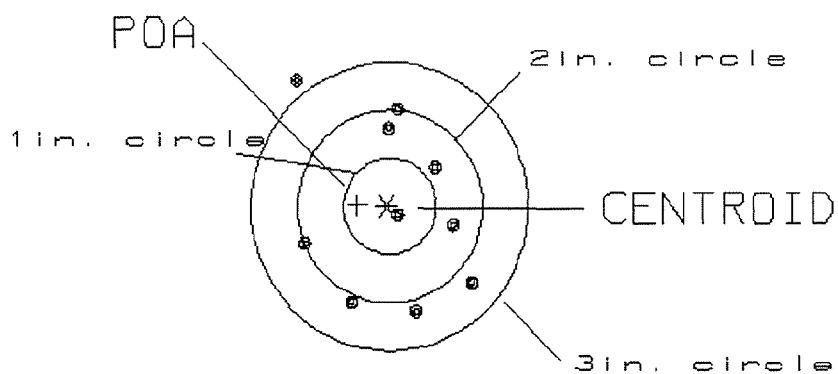
PATTERN #: ☐ 5 ☐

POA TO CENTROID: .313
 MIN RADIUS : .130
 MEAN RADIUS : .948
 MAX RADIUS : 1.682
 CENTROID X : .313
 CENTROID Y : -.009

4 Oct 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6348781

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 1.94
 VS= 2.43
 GS= 2.86

1
 5
 9

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

R & E NUMBER <u>32502</u>			
SERIAL NUMBER <u>C6348781</u>			
LOG-IN DATE <u>9-13-01</u>			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	9-18-01	RHL
560 A	RE-BARREL AT CUSTOM SHOP	9/20/01	BWT
B	DRILL AND TAP	9/20/01	BWT
C	POLISH	9-20-01	GH
575	ASSEMBLE	9-20-01	RHL
600	PROOF	9-21-01	RW
605	CHECK HEADSPACE	9-21-01	RHL
610	DIS-ASSEMBLE GUN	9-24-01	RHL
612	MAGNAFLUX	SEP 25 2001	
615	ROLLMARK CALIBER	OPERATOR <u>AL</u>	
618	ROTO-BLAST	9/25	
620	APPLY COATINGS	9/28	H.P.
625 A	FINAL ASSEMBLY	10-1-01	RHL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	10/3/01	RHL
655	FINAL INSPECT	10-4-01	RHL
660	PACK	10-5-01	RHL
		SHIP DATE	
QAR INSPECTION DATE			

Final Inspection

S.N: C6348781 | DATE REC'D: 9-13-01 | DATE RET'D: 10-9-01

AUDITOR: RZ

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

MISC.

- ☐ DD-250
- ☐ BAR CODE
- ☐ PACKAGING

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: _____

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6348781

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	7 11	89	RW
600	Proof	7 11	89	RW
607	Check Headspace	7 11	89	RW
610	Dis-assemble Gun	7 11	89	RW
612	Magnaflux Barrel Action		7/13	KCR
	Magnaflux Bolt	8 11	7/13	KCR
615	Rollmark Caliber		7/13	JS
617	Drill and Tap Sight Holes	7 13	89	YB
618	Polish Barrel <i>AB</i>	7 13	89	BT
620	Apply Coatings (Barrel Action)		7/21/89	TJA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		7/25/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/25/89	RW
	C) Inspect Ejector Hole for Chamfer		7/25/89	RW
	D) Oil Firing Pin Ass'y		7/25/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8/1/89	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	7	6	6			27/6/89	JS
	G) Safety Off Force	4	4	4			27/6/89	JS
	H) Trigger Pull Test & Retainability						27/6/89	JS
	I) Firing Pin Indent	.021	.021	.021			27/6/89	JS
	J) Assemble Stock						7/27/89	RW
	K) Assemble Swivel Studs						31/July/89	JS
	L) Attach Front and Rear Sight Assemblies						7/27/89	RW
	M) Iron Sight Alignment						7/27/89	RW
	N) Detach Front & Rear Sights & place in numbered container						7/27/89	RW
	O) Attach Scope to Rifle						7/28/89	WB
	P) Detach & Attach Scope 20 Times						7/28/89	WB
640	Gallery Target & Test	59 R	93 L				7-28-89	K
	A) Time						7-28-89	JS
	B) Malfunctions						7-28-89	JS
	C) Pierced Primers						7-28-89	JS
	D) Optical Clarity of Scope						7-28-89	JS
645	Inspect for Live Ammo						7-28-89	JS
655	Final Inspection							
	A) Headspace						31/July/89	JS
	B) Trigger Pull	270	274	259	275	275	31/July/89	JS
	C) Function						31/July/89	JS
660	Pack						20 Sept 89	JS

Repaired Stock at Front Swivel
9/13/89

SWS TRIGGER PULL TEST

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

SERIAL NO. 8781
C6275126

DATE 5/11/89

TESTER WAB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.37	2.42	2.35	2.47	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.43	2.46	2.23	2.70	
PULL #3	2.38	2.36	2.32	2.61	
PULL #4	2.33	2.35	2.24	2.47	
PULL #5	2.28	2.42	2.24	2.46	
TOTAL	11.79	12.01	11.38	12.71	
AVG.	2.36	2.40	2.28	2.542	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.04	2.99		
PULL #2	2.97	3.01		
PULL #3	3.08	2.88		
PULL #4	3.00	3.09		
PULL #5	2.97	3.10		
TOTAL	15.06	15.07		
AVG.	3.01	3.01		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.37	4.11		4.12
PULL #2	4.29	4.00		4.16
PULL #3	4.38	4.20		4.20
PULL #4	4.28	4.18		4.13
PULL #5	4.30	4.20		4.14
TOTAL	21.62	20.69		20.75
AVG.	4.32	4.14		4.15

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348781
28 Jul 1989

CENTROIDAL DISTANCES

0 TO	1	.731806
1 TO	2	.248815
1 TO	3	.326025
1 TO	4	1.02451
1 TO	5	.924189

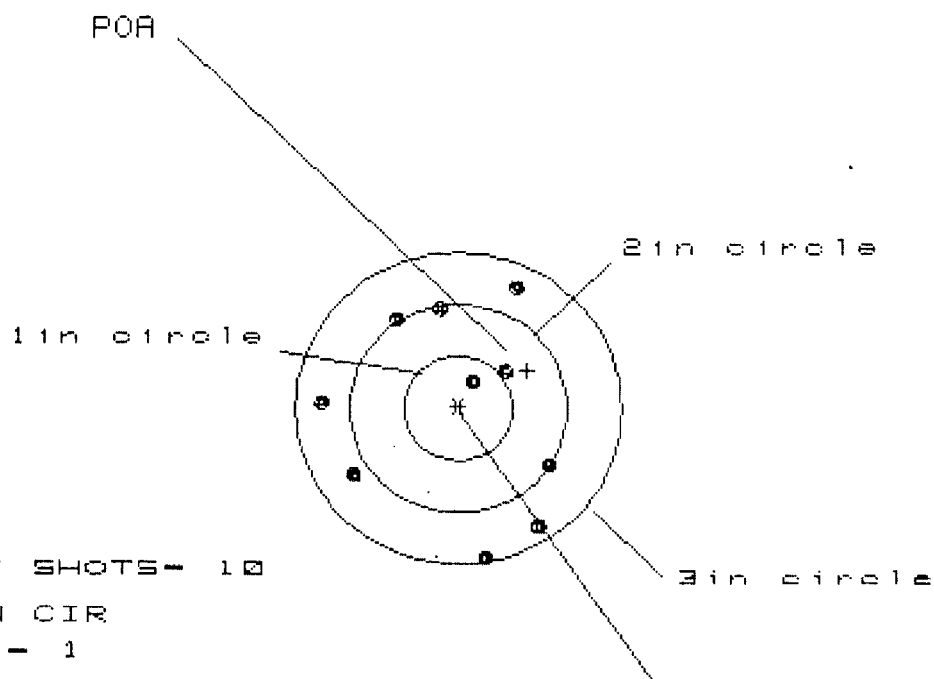
$\bar{x}_3 \bar{y}_4$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2348
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1332
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .269951
THE LMS FOR THIS RIFLE IS: 1.092

28 Jul 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C63487B1

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 10

HS= 2.161

VS= 2.621

GS= 2.639

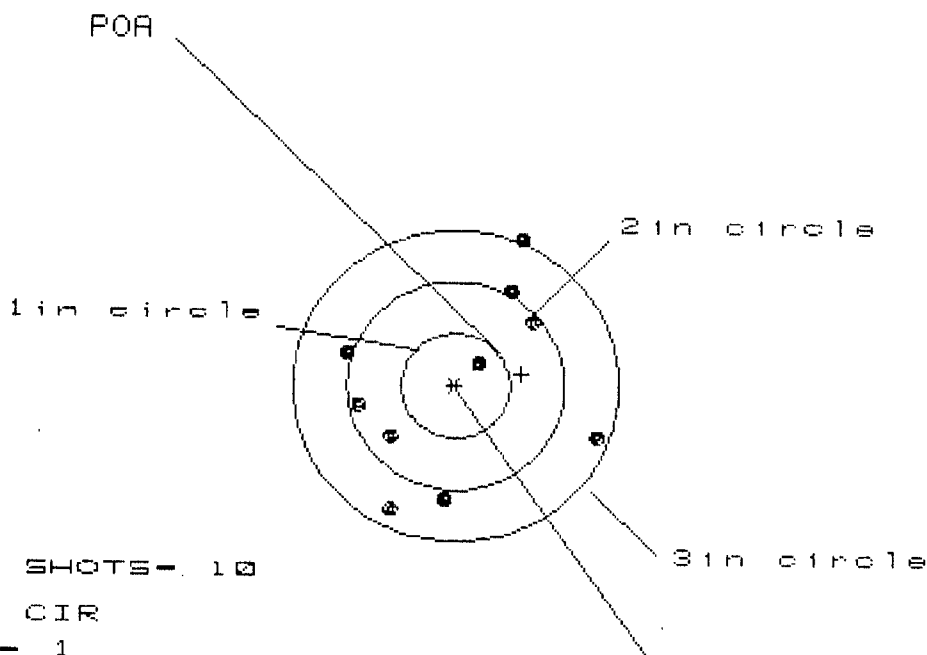
CENTROID *

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.850	.878	.975
MINIMUM X	-1.311	-1.283	-1.186
MAXIMUM Y	1.155	.993	.832
MINIMUM Y	-1.466	-1.285	-.924
CENTROID X	-.636	-.664	-.761
CENTROID Y	-.362	-.199	-.038
POA TO CENTROID in.	.731	.693	.762
MIN RADIUS	.271	.194	.300
MEAN RADIUS	1.041	.960	.876
MAX RADIUS	1.487	1.502	1.275
HORIZONTAL SPREAD	2.161	2.161	2.161
VERTICAL SPREAD	2.621	2.278	1.756
EXTREME SPREAD	2.639	2.405	2.306
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	10		

26 Jul 1989

FILE:/PATTERNING/CENTERFIRE_PATT/0634B781

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 9

HS= 2.329

VS= 2.568

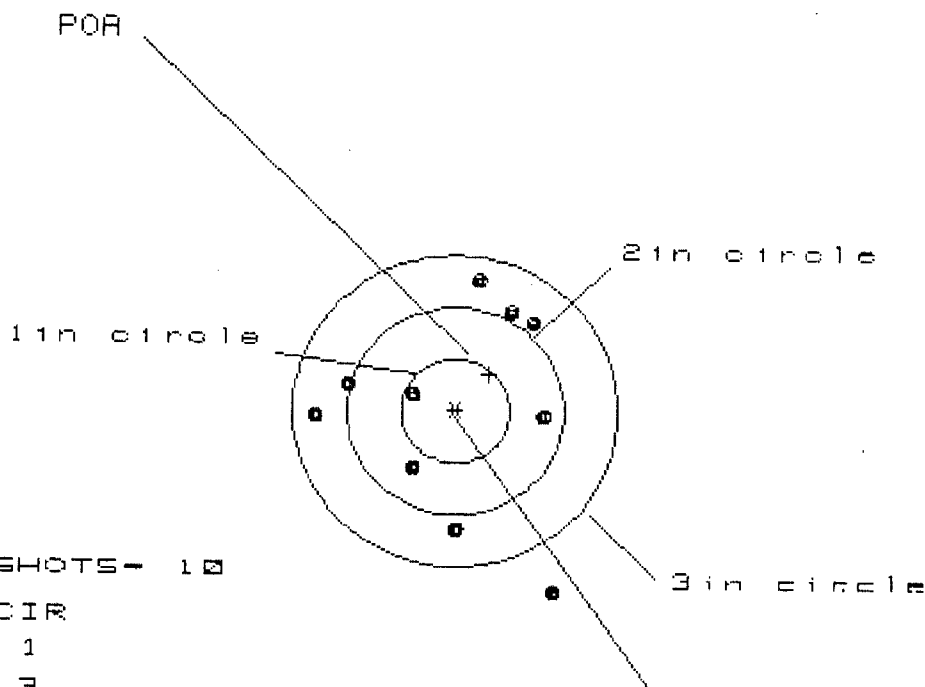
GS= 2.847

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.297	1.363	.946
MINIMUM X	:	-1.032	-.966	-.795
MAXIMUM Y	:	1.425	1.089	1.052
MINIMUM Y	:	-1.143	-.984	-1.021
CENTROID X	:	-.606	-.672	-.843
CENTROID Y	:	-.115	-.274	-.237
POA TO CENTROID in.	:	.617	.726	.875
MIN RADIUS	:	.279	.443	.539
MEAN RADIUS	:	1.042	.979	.905
MAX RADIUS	:	1.546	1.394	1.269
HORIZONTAL SPREAD	:	2.329	2.329	1.741
VERTICAL SPREAD	:	2.568	2.073	2.073
EXTREME SPREAD	:	2.847	2.439	2.348
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

28 Jul 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6348781

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 3

3in = 9

HS= 2.165

VS= 2.919

GS= 3.012

CENTROID #

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.918	.878	.735
MINIMUM X	-1.247	-1.145	-1.048
MAXIMUM Y	1.220	1.031	1.005
MINIMUM Y	-1.699	-1.317	-1.343
CENTROID X	-.310	-.412	-.269
CENTROID Y	-.358	-.169	-.143
POA TO CENTROID in.	.473	.445	.304
MIN RADIUS	.437	.316	.462
MEAN RADIUS	1.059	.938	.908
MAX RADIUS	1.931	1.322	1.344
HORIZONTAL SPREAD	2.165	2.023	1.783
VERTICAL SPREAD	2.919	2.348	2.348
EXTREME SPREAD	3.012	2.354	2.354
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	9		

28 Jul 1985

FILE:/PATTERNING/CENTERFIRE_PATT/C63487B1

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 3

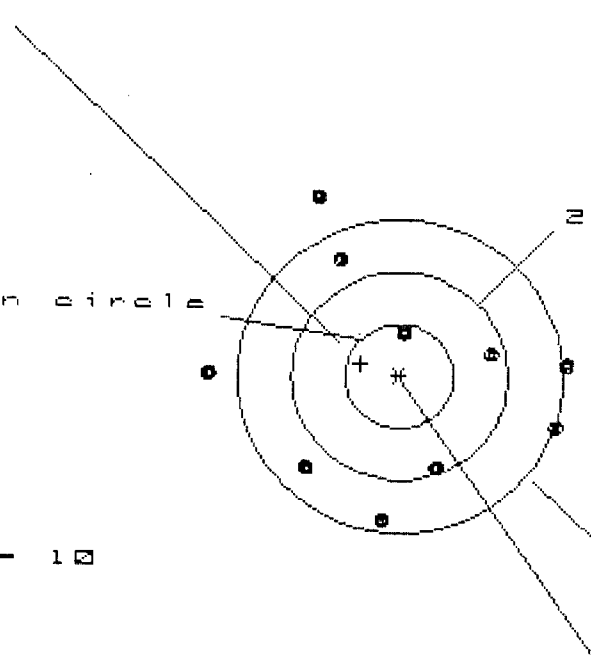
3 in = 6

HS= 3.301

VS= 3.067

GS= 3.301

CENTROID *

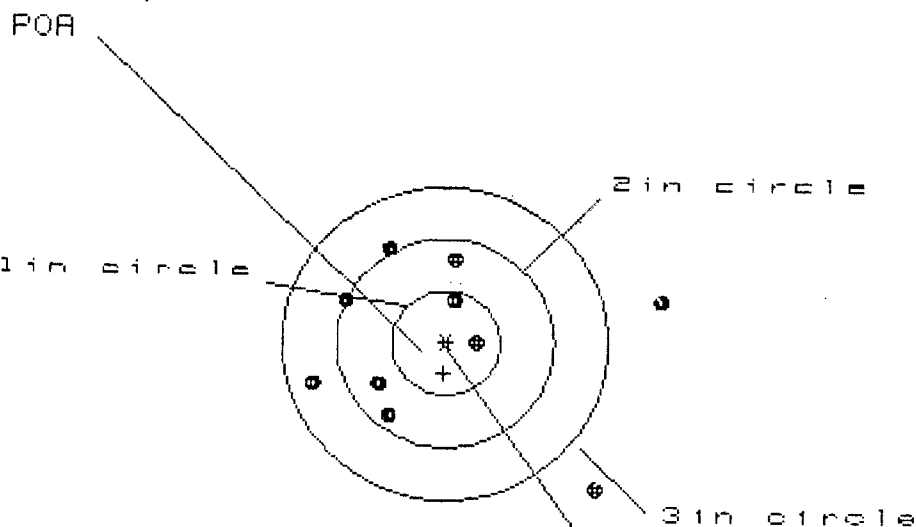


PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.534	1.452	1.221
MINIMUM X	:	-1.767	-1.849	-1.172
MAXIMUM Y	:	1.731	1.271	1.303
MINIMUM Y	:	-1.336	-1.144	-1.112
CENTROID X	:	.360	.442	.673
CENTROID Y	:	-.122	-.314	-.346
POA TO CENTROID in.	:	.380	.542	.757
MIN RADIUS	:	.428	.617	.629
MEAN RADIUS	:	1.269	1.185	1.069
MAX RADIUS	:	1.882	1.866	1.596
HORIZONTAL SPREAD	:	3.301	3.301	2.393
VERTICAL SPREAD	:	3.067	2.415	2.415
EXTREME SPREAD	:	3.301	3.301	2.584
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		6	

28 Jul 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C63467B1

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1in - 2

2in - 5

3in - 8

HS - 3.146

VS = 2.290

GS = 3.255

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.942	1.601	.721
MINIMUM X	:	-1.204	-.988	-.788
MAXIMUM Y	:	.875	.920	.749
MINIMUM Y	:	-1.415	-1.370	-.839
CENTROID X	:	.018	-.198	-.398
CENTROID Y	:	.291	.246	.417
POA TO CENTROID in.	:	.291	.316	.577
MIN RADIUS	:	.306	.526	.571
MEAN RADIUS	:	1.047	.918	.736
MAX RADIUS	:	1.983	2.107	.966
HORIZONTAL SPREAD	:	3.146	2.589	1.509
VERTICAL SPREAD	:	2.290	2.290	1.588
EXTREME SPREAD	:	3.255	2.990	1.796
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	