

C6348843

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.



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: **RE00014572** Serial: **C6348843** Model: **700** Center Fire Caliber: **7.62 NATO M-24 (SWS)** Repairman: Status: **Closed 9/27/00 3:09 31 PM**

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **HSC 3RD BN 3RD SFG (A)** **HSC 3RD BN 3RD SFG (A)**

Address 1: **BLDG J 2050** **BLDG J 2050**

Address 2: PO Box: PO Box:

City: **FORT BRAGG** **FORT BRAGG**

State: **NC** Zip Code: **28310** Country: **US** State: **NC** Zip Code: **28310** Country: **US**

FEL:

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Foot:

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	1
A010	Hard Case	1
A016	Scope Mounts	1
A017	Scope Base	1
A026	Scope	1

Repair Search **Refresh** **Close**

maglet 9/28/00 7:27 AM CAPS NUM IIS SCPL

Start In Na Ex Mi Pa Ar 10m Pl 7:27 AM

Serial Number: **C6348843**

Model: **700**



RE00014572

BBL - 96003

Final Inspection

S.N. C6348843

DATE REC'D: 9-26-00

DATE RET'D:

AUDITOR: RW

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 Test Lab, Ilion, N.Y.

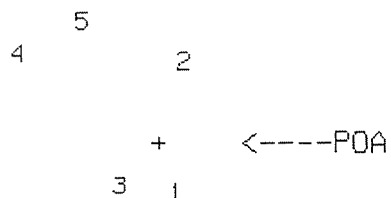
Centroidal distance calculations for Rifle # c6348843
23 Oct 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: $-.2864$
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: $.2526$
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: $.381879$

THE AMR FOR THIS RIFLE IS: 1.016

CENTROIDAL DISTANCES

Ø TO	1	.329548
1 TO	2	.826068
1 TO	3	.373738
1 TO	4	1.34826
1 TO	5	1.2499



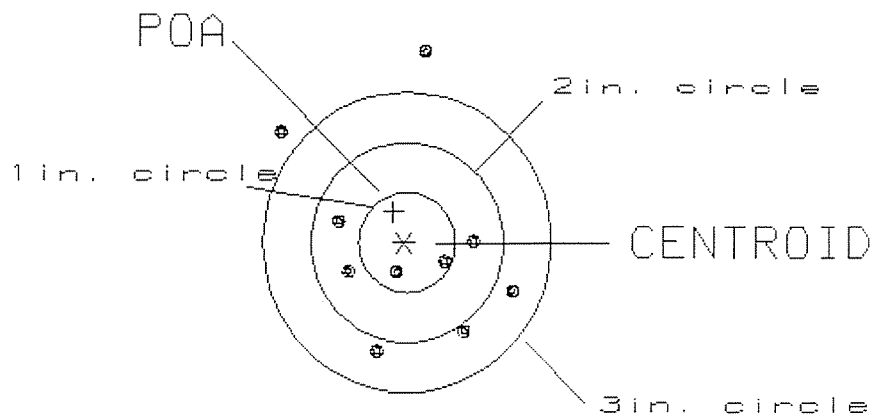
PATTERN #: 1

POA TO CENTROID: .329
 MIN RADIUS : .275
 MEAN RADIUS : .977
 MAX RADIUS : 1.944
 CENTROID X : .109
 CENTROID Y : -.311

23 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348843

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.40

2

VS= 3.03

5

GS= 3.06

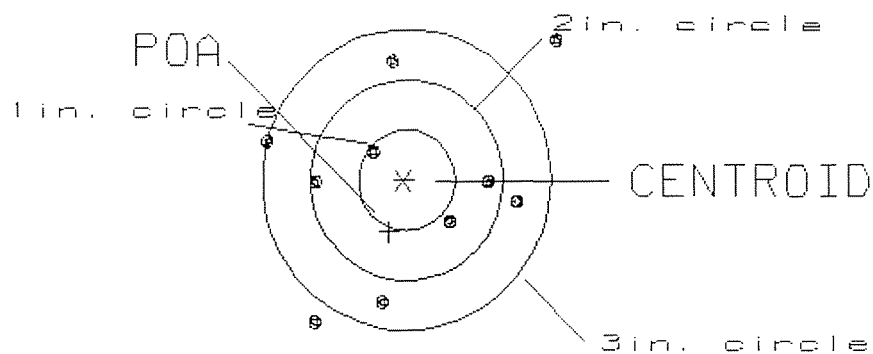
8

PATTERN #: 2
 POA TO CENTROID: .536
 MIN RADIUS : .443
 MEAN RADIUS : 1.177
 MAX RADIUS : 2.122
 CENTROID X : .151
 CENTROID Y : .514

23 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348843

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.03
 VS= 2.85
 GS= 3.80

1
 4
 7

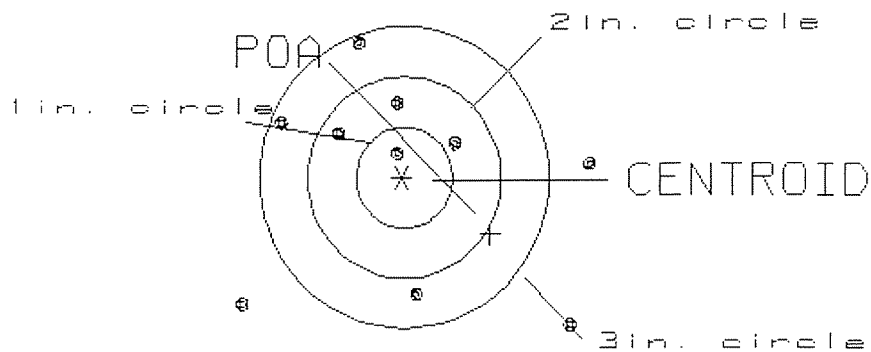
PATTERN #: 3

POA TO CENTROID: 1.077
 MIN RADIUS : .249
 MEAN RADIUS : 1.260
 MAX RADIUS : 2.278
 CENTROID X : -.921
 CENTROID Y : .559

23 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348843

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.56

1

VS= 2.74

4

GS= 3.83

7

PATTERN #: ☐ 4 ☐

POA TO CENTROID: .927

MIN RADIUS : .195

MEAN RADIUS : .848

MAX RADIUS : 1.491

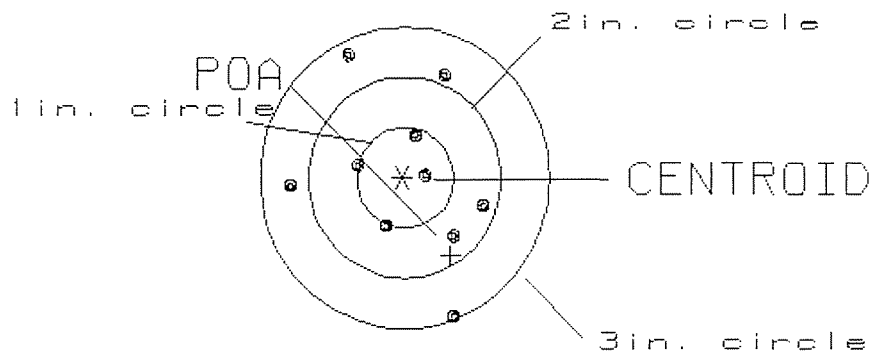
CENTROID X : -.508

CENTROID Y : .776

23 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348843

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.04

2

VS= 2.61

6

GS= 2.87

10

PATTERN #: 5

POA TO CENTROID: .380

MIN RADIUS : .033

MEAN RADIUS : .820

MAX RADIUS : 1.726

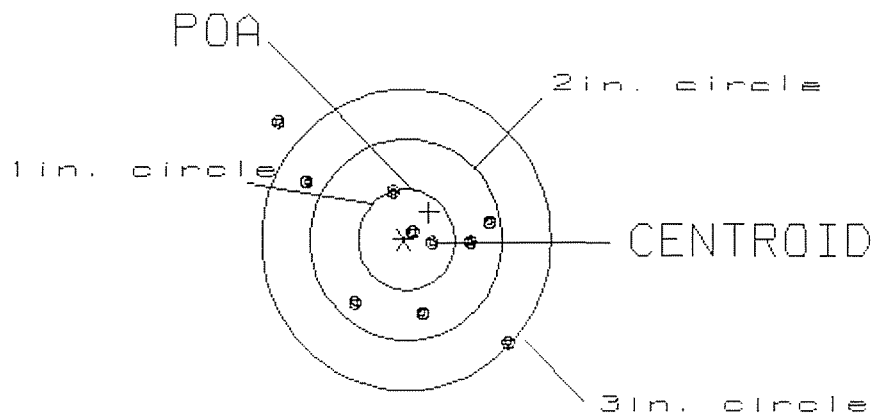
CENTROID X : -.263

CENTROID Y : -.275

23 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348843

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.39

2

VS= 2.17

7

GS= 3.23

8

Remington®

MODEL 700™ H24

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

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

REG. U.S. PAT. & T.M. OFF.

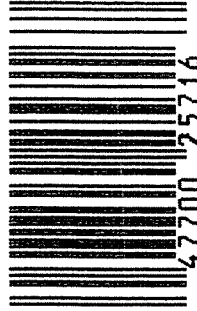
SERIAL NO.
C6348843

ORDER NO.
5716

Ø1

5716 C6348843

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348843

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	7 21	89	Rw
600	Proof	7 21	89	Rw
607	Check Headspace			Rw
610	Dis-assemble Gun			Rw
612	Magnaflux Barrel Action		7/25/89	KK
	Magnaflux Bolt		7/25/89	KK
615	Rollmark Caliber		7/25/89	SS
7	Drill and Tap Sight Holes		7/27/89	WC
618	Polish Barrel <i>213</i>		7/31/89	WLB
620	Apply Coatings (Barrel Action)		7/31/89	TJA
	Apply Coating (Bolt)		7/31/89	TJA
625	Final Assembly A) Clean inside of Bolt Assembly		8/7/89	Ru
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/7/89	Rw
	C) Inspect Ejector Hole for Chamfer		8/7/89	Ru
	D) Oil Firing Pin Ass'y		8/7/89	Ru
	E) Adjust Trigger Pull to Min Setting and Stake		10 Aug 89	GD

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	3			10 Aug 89	JS
	G) Safety Off Force	3	3	3			10 Aug 89	JS
	H) Trigger Pull Test & Retainability						10 Aug 89	JS
	I) Firing Pin Indent	.020	.021	.021			10 Aug 89	JS
	J) Assemble Stock						8/11/89	RW
	K) Assemble Swivel Studs						23 Aug 89	JS
	L) Attach Front and Rear Sight Assemblies						8/11/89	RW
	M) Iron Sight Alignment						8/11/89	RW
	N) Detach Front & Rear Sights & place in numbered container						8/11/89	RW
	O) Attach Scope to Rifle						8/14/89	JS
	P) Detach & Attach Scope 20 Times						8/14/89	JS
640	Gallery Target & Test	28 R	23 L				8-18-89	HC
	A) Time						8-18-89	HC
	B) Malfunctions						8-18-89	HC
	C) Pierced Primers						8-18-89	HC
	D) Optical Clarity of Scope						8-18-89	HC
645	Inspect for Live Ammo						8-18-89	HC
655	Final Inspection							
	A) Headspace						23 Aug 89	JS
	B) Trigger Pull	2.57	2.43	2.47	2.50	2.51	23 Aug 89	JS
	C) Function						23 Aug 89	JS
660	Pack						20 Sept 89	JS

repaired stock at front Squirrel 13 Sept 89

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6348843DATE 7-9-90TESTER JH.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.24	2.25	2.33	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.24	2.17	2.33	
PULL #3	2.20	2.17	2.36	
PULL #4	2.20	2.18	2.30	
PULL #5	2.17	2.36	2.35	
TOTAL	11.05	11.13	11.67	
AVG.	2.21	2.226	2.334	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.39	3.25	
PULL #2	3.43	3.45	
PULL #3	3.41	3.45	
PULL #4	3.46	3.47	
PULL #5	3.40	3.44	
TOTAL	17.09	17.06	
AVG.	3.418	3.412	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.21	4.19		4.29
PULL #2	4.13	4.22		4.30
PULL #3	4.13	4.28		4.28
PULL #4	4.18	4.25		4.30
PULL #5	4.22	4.11		4.28
TOTAL	20.87	21.05		21.45
AVG.	4.174	4.21		4.29

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348843
21 Aug 1989

CENTROIDAL DISTANCES

0 TO	1	.276875
1 TO	2	.331127
1 TO	3	.193662
1 TO	4	.397181
1 TO	5	.619333

5
2.14" (----POA)

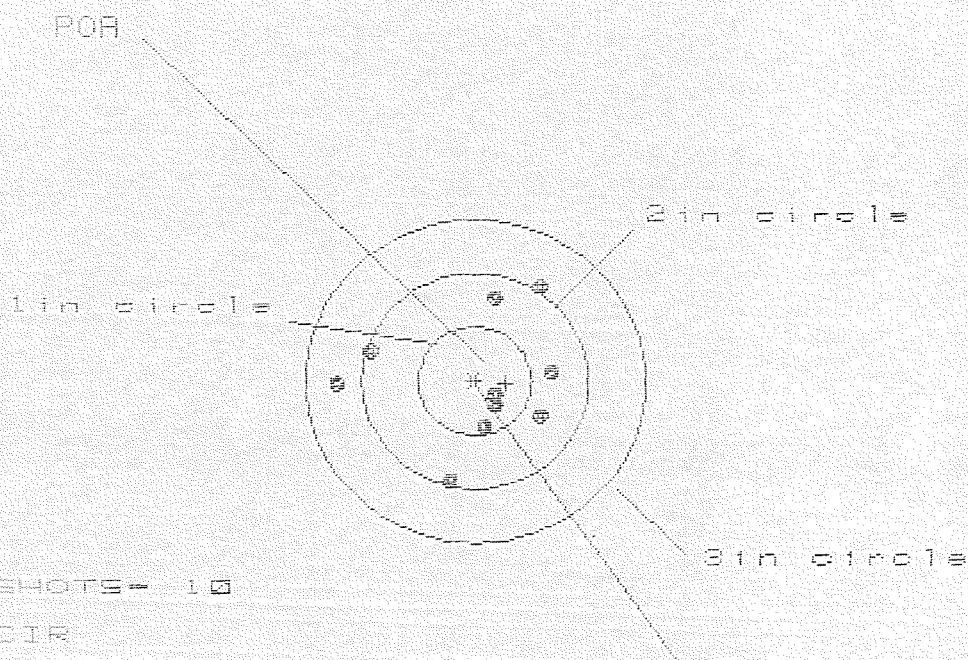
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1404
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0628
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .153905
THE AMR FOR THIS RIFLE IS: .9978

18 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C834B843

CENTERFIRE PATTERNS

1



OF SHOTS = 10

IN CIR

1in = 3

2in = 8

3in = 10

HS = 1.996

VS = 1.746

GS = 2.010

CENTROID #

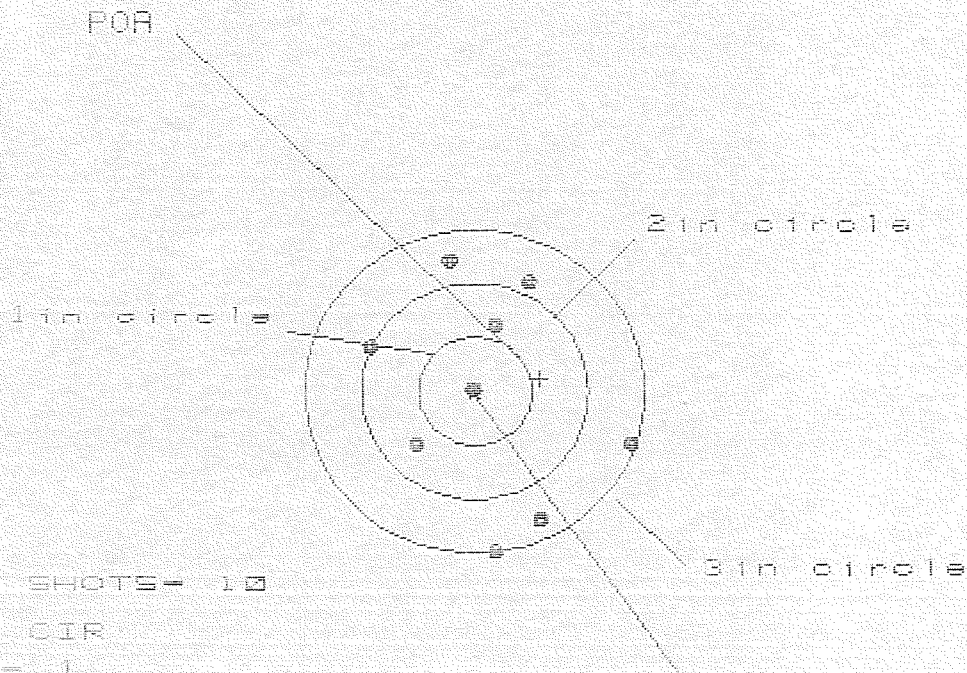
PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.674	.539	.596
MINIMUM X	:	-1.222	-1.054	-.998
MAXIMUM Y	:	.864	.863	.876
MINIMUM Y	:	-.882	-.883	-.776
CENTROID X	:	-.276	-.141	-.197
CENTROID Y	:	.022	.023	-.084
POA TO CENTROID in.	:	.277	.143	.214
MIN RADIUS	:	.182	.098	.078
MEAN RADIUS	:	.719	.630	.566
MAX RADIUS	:	1.222	1.093	1.074
HORIZONTAL SPREAD	:	1.896	1.593	1.593
VERTICAL SPREAD	:	1.746	1.746	1.652
EXTREME SPREAD	:	2.010	1.932	1.695
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	8		
NUMBER IN THREE INCH CIRCLE	=	10		

16 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06346043

CENTERFIRE PATTERNS

2



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 3

3 in = 9

HS= 2.269

VS= 2.743

GS= 2.774

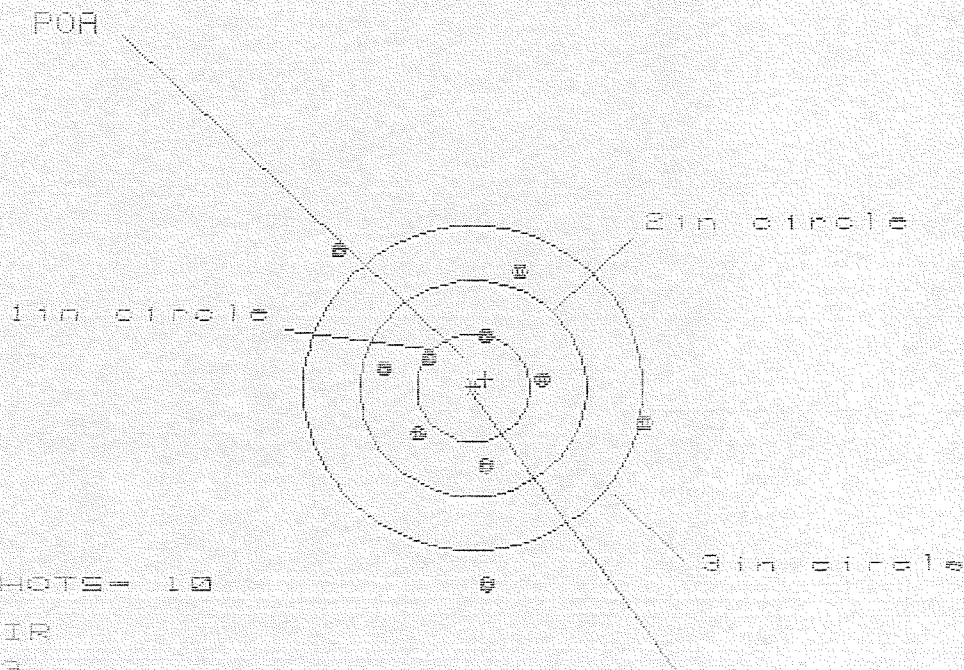
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.331	1.349	.733
MINIMUM X	:	-.938	-.920	-.751
MAXIMUM Y	:	1.214	1.044	.958
MINIMUM Y	:	-1.530	-1.372	-1.458
CENTROID X	:	-.577	-.595	-.764
CENTROID Y	:	-.116	.054	.140
POR TO CENTROID in.	:	.589	.598	.776
MIN RADIUS	:	.072	.201	.305
MEAN RADIUS	:	1.008	.934	.838
MAX RADIUS	:	1.538	1.512	1.632
HORIZONTAL SPREAD	:	2.269	2.269	1.484
VERTICAL SPREAD	:	2.743	2.416	2.416
EXTREME SPREAD	:	2.774	2.545	2.545
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		9	

18 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08348843

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 2

2in = 6

3in = 7

HS = 2.686

VS = 3.051

GS = 3.299

CENTROID #

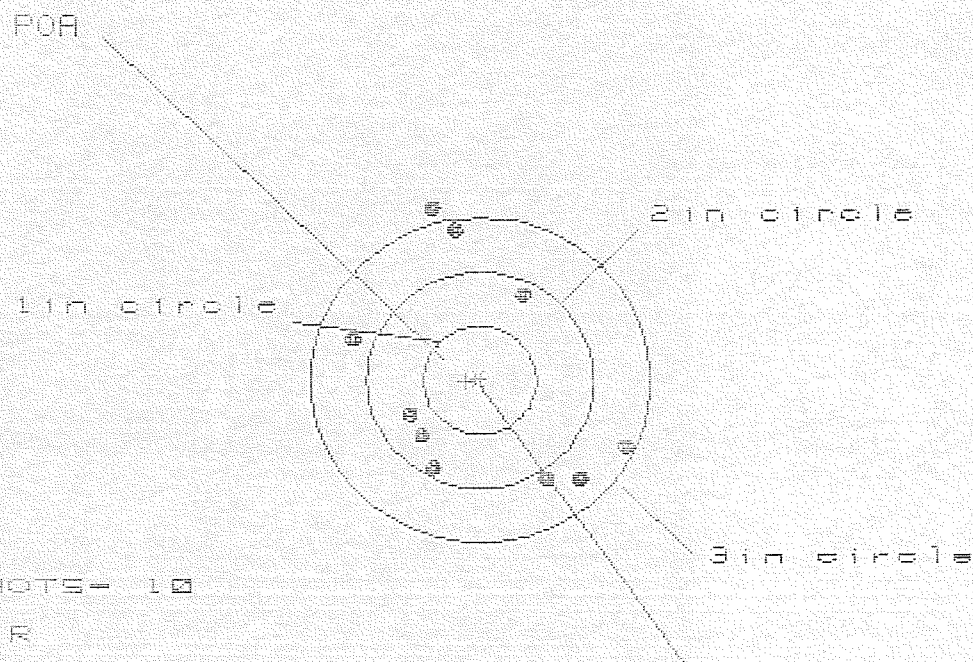
PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.512	1.521	1.376
MINIMUM X	-1.174	-1.165	-1.964
MAXIMUM Y	1.243	1.042	.983
MINIMUM Y	-1.808	-.952	-.822
CENTROID X	-.112	-.121	.024
CENTROID Y	-.081	.120	-.010
POA TO CENTROID in.	.138	.171	.026
MIN RADIUS	.458	.307	.395
MEAN RADIUS	.999	.885	.805
MAX RADIUS	1.810	1.610	1.432
HORIZONTAL SPREAD	2.686	2.686	2.340
VERTICAL SPREAD	3.051	1.994	1.805
EXTREME SPREAD	3.299	3.111	2.386
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	7		

18 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6345843

CENTERFIRE PATTERNS

4



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 4

3 in = 9

HS= 2.384

VS= 2.522

GS= 2.829

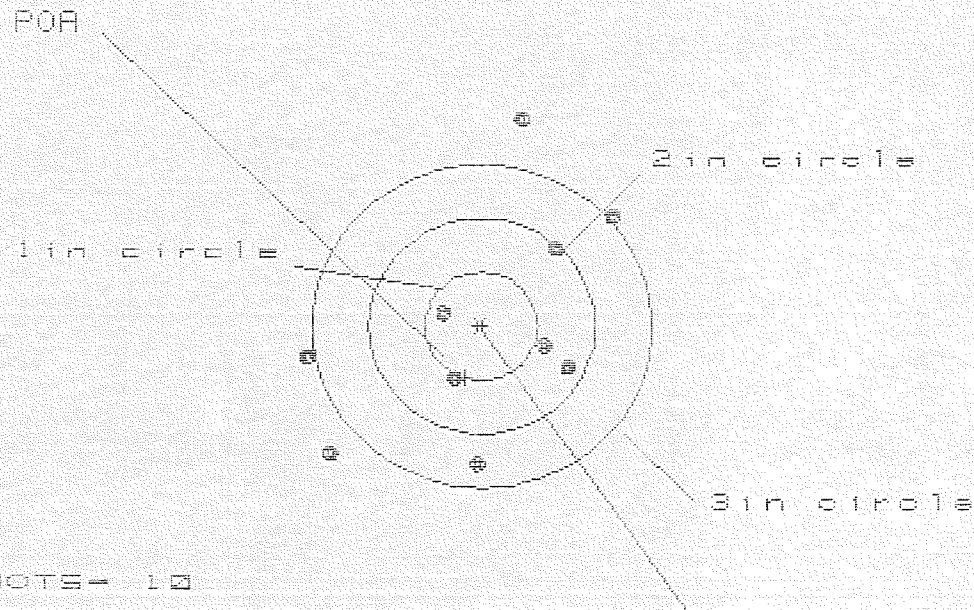
CENTROID #

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.383	1.261	1.021
MINIMUM X	-1.081	-1.123	-0.965
MAXIMUM Y	1.572	1.546	1.490
MINIMUM Y	-0.950	-0.776	-0.831
CENTROID X	.121	.163	.005
CENTROID Y	.010	-.164	-.108
POA TO CENTROID in.	.121	.231	.109
MIN RADIUS	.643	.628	.489
MEAN RADIUS	1.117	1.039	.978
MAX RADIUS	1.616	1.565	1.493
HORIZONTAL SPREAD	2.384	2.384	1.986
VERTICAL SPREAD	2.522	2.322	2.322
EXTREME SPREAD	2.829	2.590	2.572
NUMBER IN ONE INCH CIRCLE	=	0	
NUMBER IN TWO INCH CIRCLE	=	4	
NUMBER IN THREE INCH CIRCLE	=	9	

18 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C834B043

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 6

HS= 2.794

VS= 3.127

GS= 3.539

CENTROID #

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.203	1.247	1.085
MINIMUM X	-1.591	-1.547	-1.709
MAXIMUM Y	1.892	1.276	1.153
MINIMUM Y	-1.235	-1.025	-1.147
CENTROID X	.142	.098	.260
CENTROID Y	.479	.269	.391
POA TO CENTROID in.	.499	.286	.470
MIN RADIUS	.317	.358	.457
MEAN RADIUS	1.146	1.036	.950
MAX RADIUS	1.933	1.784	1.723
HORIZONTAL SPREAD	2.794	2.794	2.794
VERTICAL SPREAD	3.127	2.301	2.301
EXTREME SPREAD	3.539	3.402	3.114
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	6		