

C6611388

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

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

DUPONT

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

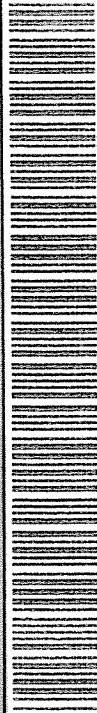
MODEL 700TM H24

SERIAL NO.
C6611388

ORDER NO.
5716

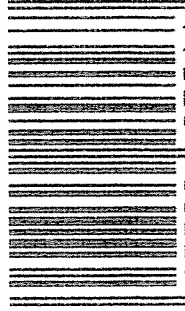
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

20



5716 C6611388

UPC



0 47700 25716 2

Arms Services Repair & Estimate System

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

Repair Number: **RE00032482** Serial: C6611388 Model 700 Center Fire Caliber: 7 62 NATO M24 SWS WOG 8 of 25 Repairman: Status: New 9/14/01 3:08:02 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 7:29 AM CAPS NUM INS SCRL

Start Arms Services Repair... 7:29 AM

Serial Number: **C6611388**

Model: **700**



RE00032482

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6611388
5 Oct 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0626
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .3118
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .318022

THE AMR FOR THIS RIFLE IS: 1.173

CENTROIDAL DISTANCES

0 TO	1	.24993
1 TO	2	.336265
1 TO	3	.0898999
1 TO	4	.205866
1 TO	5	1.08326

5

2 + ³1 4 <----POA

PATTERN #: ☐ 1 ☐

POA TO CENTROID: .250

MIN RADIUS : .541

MEAN RADIUS : 1.275

MAX RADIUS : 2.107

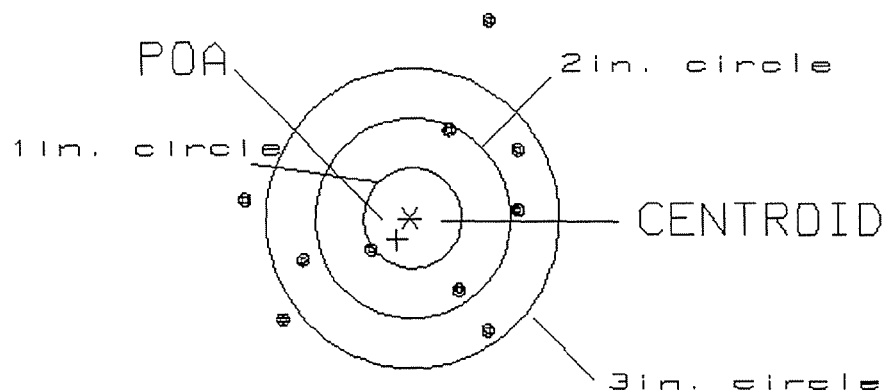
CENTROID X : .124

CENTROID Y : .217

5 Oct 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6611300

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.85

0

VS= 3.10

3

GS= 3.63

7

PATTERN #: ☐ 2 ☐

POA TO CENTROID: .177

MIN RADIUS : .179

MEAN RADIUS : .827

MAX RADIUS : 1.558

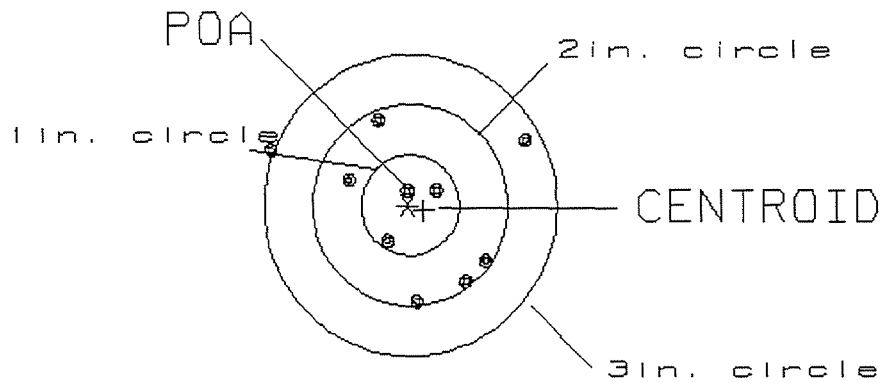
CENTROID X : -.169

CENTROID Y : .052

5 Oct 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6611388

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.65

3

VS= 1.75

8

GS= 2.66

9

PATTERN #: ☐ 3 ☐

POA TO CENTROID: .183

MIN RADIUS : .172

MEAN RADIUS : .871

MAX RADIUS : 2.156

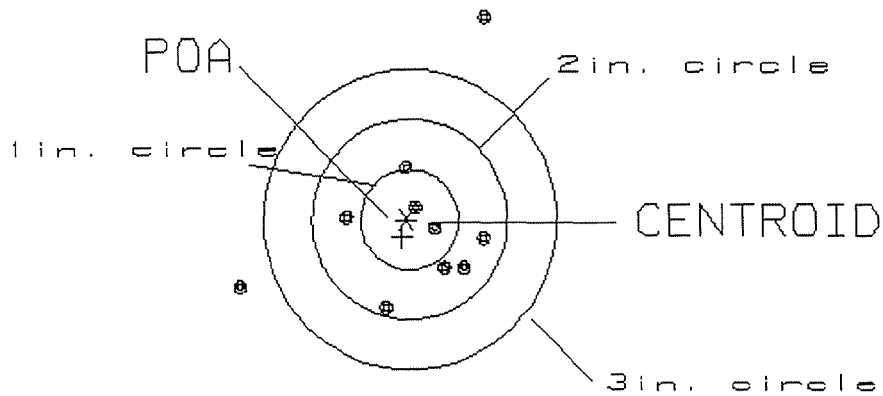
CENTROID X : .043

CENTROID Y : .178

5 Oct 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6611388

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.56

2

VS= 2.84

8

GS= 3.69

8

PATTERN #: ☐ 4 ☐

POA TO CENTROID: .285

MIN RADIUS : .216

MEAN RADIUS : 1.126

MAX RADIUS : 1.933

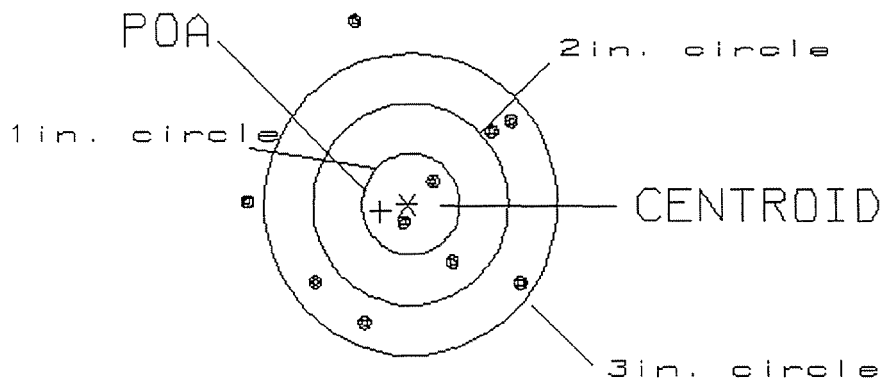
CENTROID X : .274

CENTROID Y : .076

5 Oct 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6611388

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.86

2

VS= 3.05

3

GS= 3.13

8

PATTERN #: ☐ 5 ☐

POA TO CENTROID: 1.190

MIN RADIUS : .897

MEAN RADIUS : 1.768

MAX RADIUS : 3.793

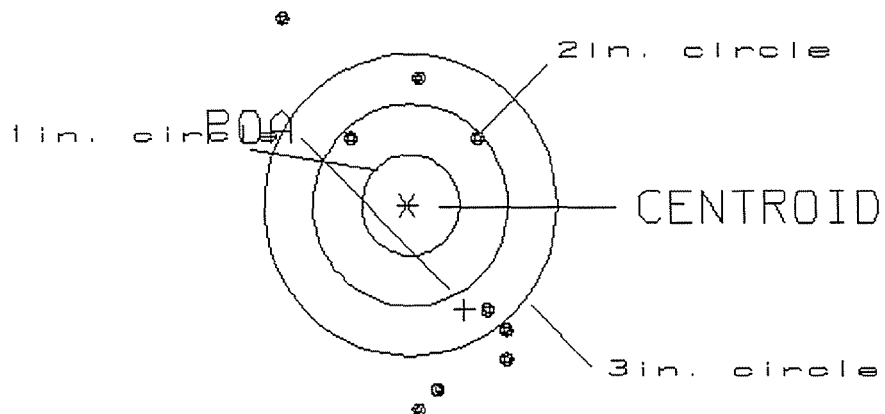
CENTROID X : -.585

CENTROID Y : 1.036

5 Oct 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6611388

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.82

0

VS= 5.37

2

GS= 5.72

4

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

R & E NUMBER 32482

SERIAL NUMBER C661 1388

LOG-IN DATE 9-13-01

INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	9-19-01	RH
560 A	RE-BARREL AT CUSTOM SHOP	9/20/01	BWT
B	DRILL AND TAP	9/20/01	BWT
C	POLISH		
575	ASSEMBLE	9-20-01	RH
600	PROOF	9-21-01	RW
605	CHECK HEADSPACE	9-24-01	RH
610	DIS-ASSEMBLE GUN	9-24-01	RH
612	MAGNAFLUX	OPERATOR RH	
615	ROLLMARK CALIBER	9-24-01	RH
618	ROTO-BLAST	9/25	RH
620	APPLY COATINGS	9/28	RH
625 A	FINAL ASSEMBLY	10-3-01	RH
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	10/4/01	RH
655	FINAL INSPECT	10-6-01	RH
660	PACK	10-6-01	RH
		SHIP DATE	
		QAR INSPECTION DATE	

Final Inspection

In: C601388

DATE REC'D: 9-13-01

DATE RET'D: 10-9-01

EDITOR: KJ

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 # C6611388

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1 25 91		RW
600	Proof	1 25 91		RW
607	Check Headspace	1 25 91		RW
610	Dis-assemble Gun	1 25 91		RW
612	Magnaflux Barrel Action	1 25 91		KR
	Magnaflux Bolt	1 25 91		KR
615	Rollmark Caliber	1 25 91		GL
617	Drill and Tap Sight Holes	1 30 91		FAB
618	Polish Barrel RBB	1 30 91		WLB
620	Apply Coatings (Barrel Action)		2-10-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/11/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/11/91	RW
	C) Inspect Ejector Hole for Chamfer		2/11/91	RW
	D) Oil Firing Pin Ass'y		2/11/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2/16/91	RL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 1/2	4 1/2	4 1/2			2/15/91	WLB
	G) Safety Off Force	2 1/4	2 1/4	2 1/4			2/15/91	WLB
	H) Trigger Pull Test & Retainability						2/15/91	JJ
	I) Firing Pin Indent	.0225	.0217	.022			2/15/91	WLB
	J) Assemble Stock						2/16/91	RW
	K) Assemble Swivel Studs						2-22-91	K
	L) Attach Front and Rear Sight Assemblies						2/16/91	RW
	M) Iron Sight Alignment						2/16/91	RW
	N) Detach Front & Rear Sights & place in numbered container						2/16/91	RW
	O) Attach Scope to Rifle						2/16/91	RW
	P) Detach & Attach Scope 20 Times						2/16/91	RW
640	Gallery Target & Test						2-18-91	AF
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clarity of Scope						"	AF
645	Inspect for Live Ammo						2-18-91	AF
655	Final Inspection							
	A) Headspace						2-22-91	AC
	B) Trigger Pull	2.52	2.41	2.37	2.41	2.46	2/21/91	JJ
	C) Function						2-22-91	AC
660	Pack						3-18-91	AF

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

SERIAL NO. C6611388
DATE 2/15/91
TESTER JP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.26	2.56	2.40	2.52	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.21	2.23	2.38	2.41	
PULL #3	2.22	2.51	2.49	2.37	
PULL #4	2.55	2.37	2.40	2.41	
PULL #5	2.27	2.43	2.38	2.46	
TOTAL					
AVG.					

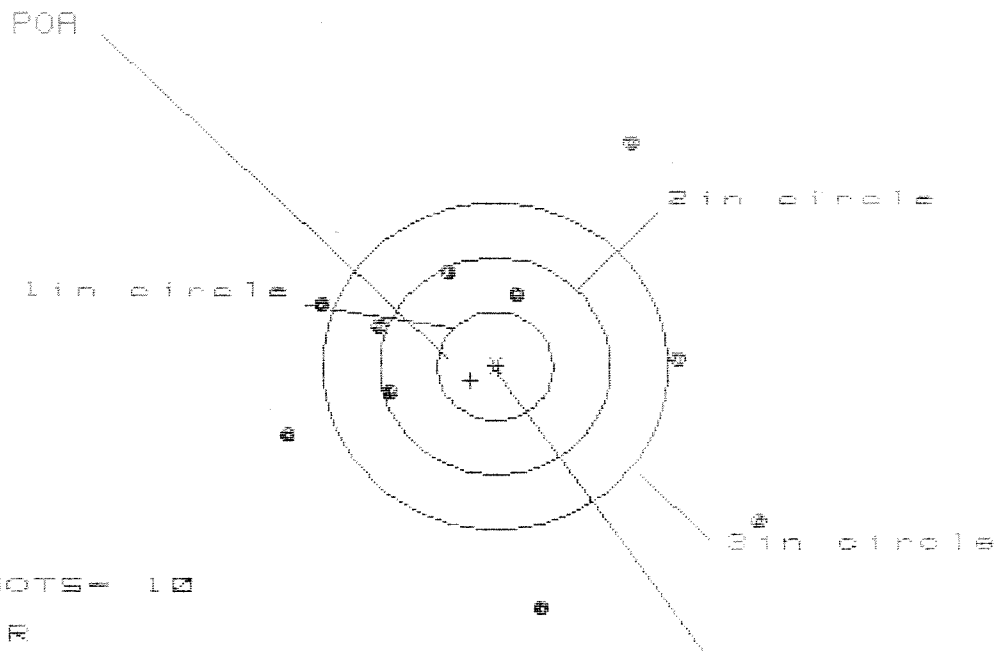
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.43	3.19		
PULL #2	3.34	3.20		
PULL #3	3.33	3.22		
PULL #4	3.36	3.23		
PULL #5	3.35	3.26		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.37	4.36		4.30
PULL #2	4.31	4.27		4.25
PULL #3	4.32	4.38		4.39
PULL #4	4.30	4.38		4.43
PULL #5	4.38	4.39		4.43
TOTAL				
AVG.				

19 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08611388

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1in = 0

2in = 2

3in = 4

HS = 4.054

VS = 4.278

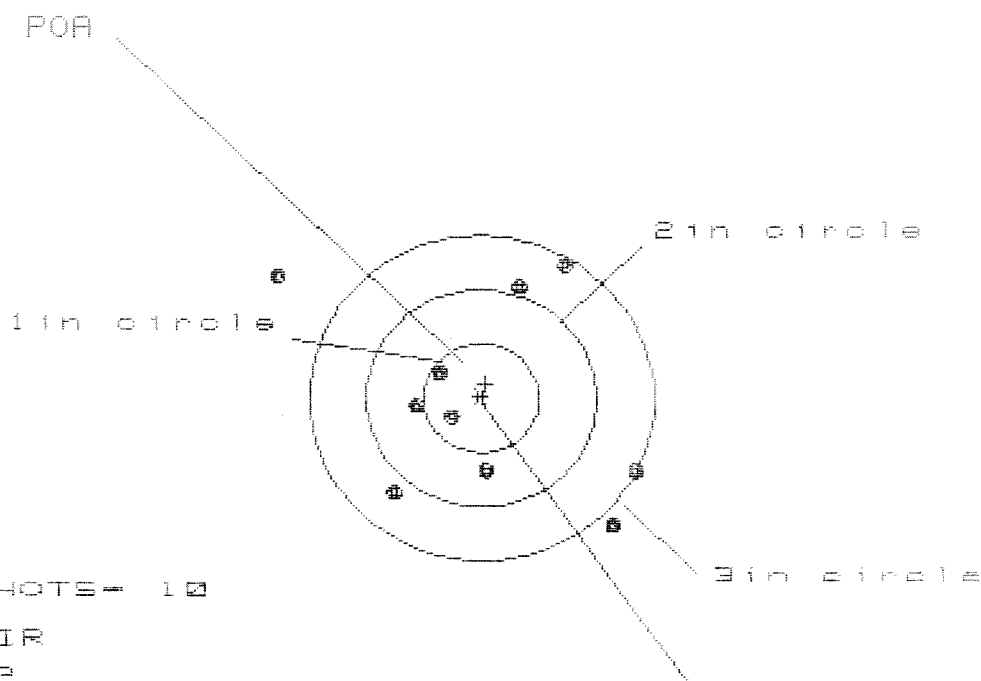
GS = 4.348

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.283	1.844	2.021
MINIMUM X	:	-1.781	-1.527	-1.350
MAXIMUM Y	:	2.039	1.875	.984
MINIMUM Y	:	-2.239	-2.403	-2.169
CENTROID X	:	.213	-.041	-.218
CENTROID Y	:	.129	.293	.059
POA TO CENTROID in.	:	.249	.296	.226
MIN RADIUS	:	.661	.637	.500
MEAN RADIUS	:	1.608	1.406	1.274
MAX RADIUS	:	2.719	2.486	2.316
HORIZONTAL SPREAD	:	4.064	3.371	3.371
VERTICAL SPREAD	:	4.278	4.278	3.153
EXTREME SPREAD	:	4.348	4.348	3.446
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		4	

19 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6B11368

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 4

3 in = 7

HS = 3.066

VS = 2.398

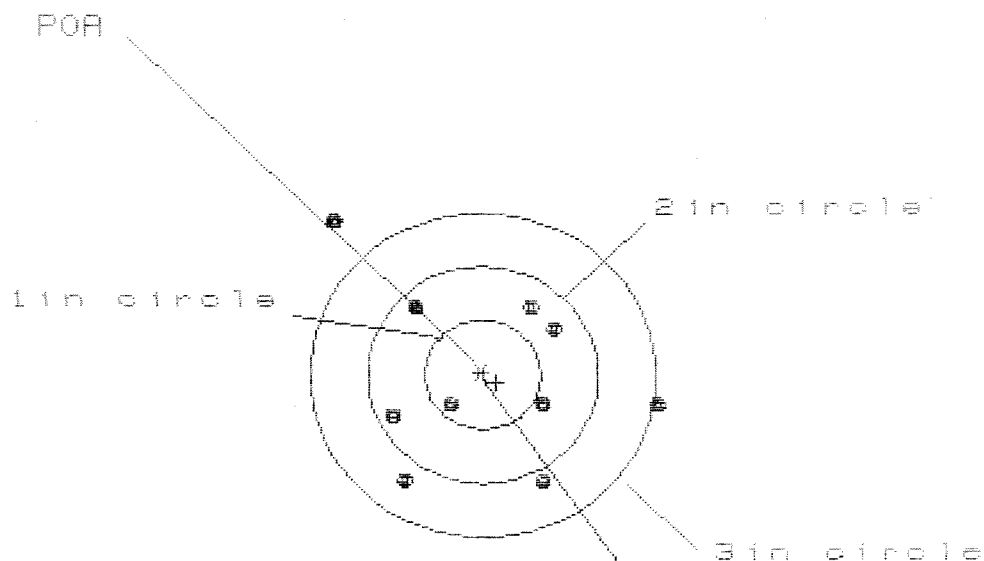
GS = 3.640

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.333	1.141	1.258
MINIMUM X	:	-1.733	-.905	-.788
MAXIMUM Y	:	1.243	1.364	1.235
MINIMUM Y	:	-1.155	-1.034	-.840
CENTROID X	:	-.038	.154	.037
CENTROID Y	:	-.133	-.254	-.124
POA TO CENTROID in.	:	.138	.297	.130
MIN RADIUS	:	.245	.405	.316
MEAN RADIUS	:	1.076	.987	.904
MAX RADIUS	:	2.046	1.466	1.447
HORIZONTAL SPREAD	:	3.066	2.046	2.046
VERTICAL SPREAD	:	2.398	2.398	2.074
EXTREME SPREAD	:	3.640	2.526	2.526
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

18 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6B11388

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 1

2in = 6

3in = 8

HS = 2.855

VS = 2.362

GS = 3.300

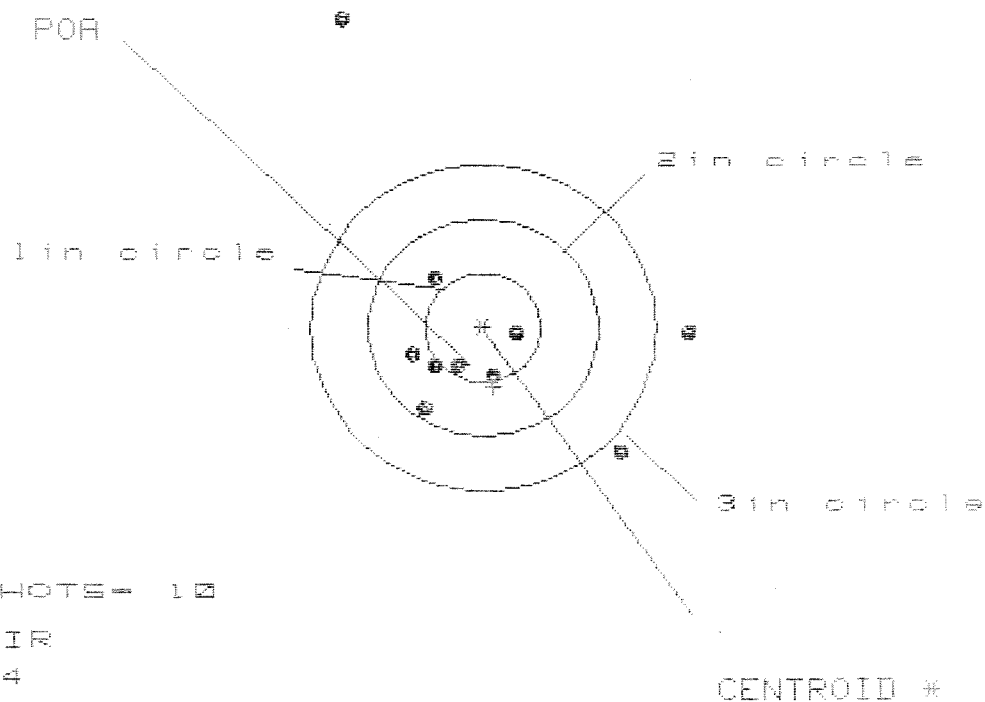
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.557	1.412	.638
MINIMUM X	:	-1.298	-.932	-.755
MAXIMUM Y	:	1.403	.796	.784
MINIMUM Y	:	-.959	-.803	-.815
CENTROID X	:	-.120	.025	-.152
CENTROID Y	:	.072	-.084	-.072
POA TO CENTROID in.	:	.140	.088	.168
MIN RADIUS	:	.358	.395	.257
MEAN RADIUS	:	.984	.866	.782
MAX RADIUS	:	1.912	1.416	1.047
HORIZONTAL SPREAD	:	2.855	2.344	1.393
VERTICAL SPREAD	:	2.362	1.599	1.599
EXTREME SPREAD	:	3.300	2.356	1.937
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

18 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6B11388

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 4

2 in = 7

3 in = 7

HS = 3.071

VS = 4.004

GS = 4.666

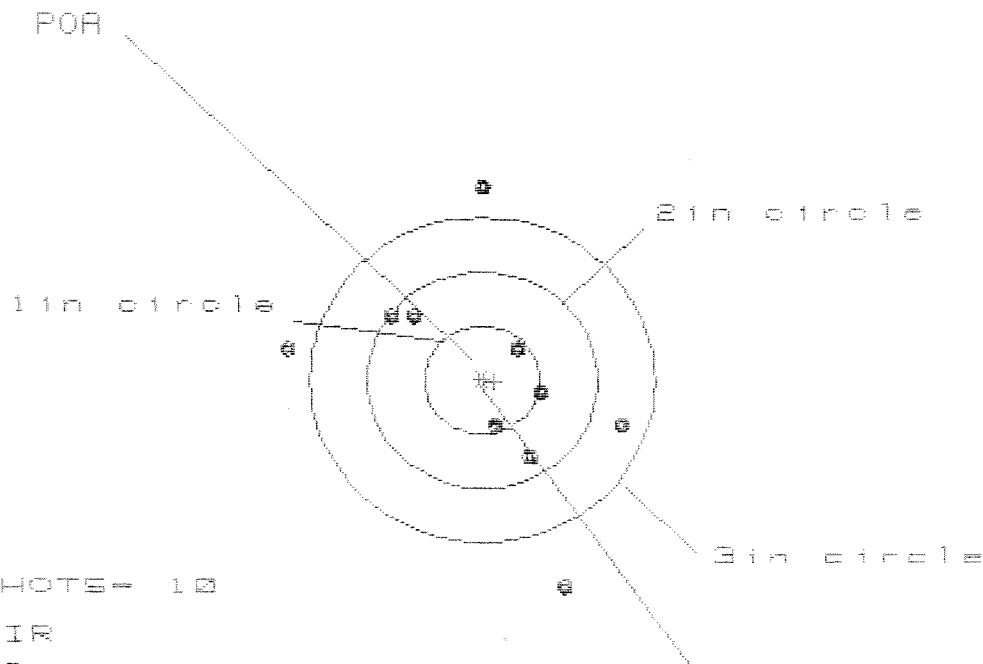
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.819	1.680	1.214
MINIMUM X	:	-1.252	-0.740	-0.530
MAXIMUM Y	:	2.839	0.743	0.779
MINIMUM Y	:	-1.165	-0.850	-0.814
CENTROID X	:	-0.086	0.053	-0.157
CENTROID Y	:	0.541	0.226	0.190
POA TO CENTROID in.	:	0.548	0.232	0.247
MIN RADIUS	:	0.260	0.108	0.113
MEAN RADIUS	:	1.022	0.742	0.556
MAX RADIUS	:	3.103	1.704	1.462
HORIZONTAL SPREAD	:	3.071	2.420	1.744
VERTICAL SPREAD	:	4.004	1.593	1.593
EXTREME SPREAD	:	4.666	2.431	2.207
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		7	

19 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8511388

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1in = 2

2in = 6

3in = 7

HS = 2.910

VS = 3.718

GS = 3.796

CENTROID #

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.193	1.276	1.283
MINIMUM X	-1.717	-1.634	-1.627
MAXIMUM Y	1.777	1.562	.616
MINIMUM Y	-1.941	-.881	-.686
CENTROID X	-.108	-.191	-.198
CENTROID Y	.010	.225	.030
POR TO CENTROID in.	.109	.295	.200
MIN RADIUS	.390	.351	.442
MEAN RADIUS	1.072	.962	.870
MAX RADIUS	2.078	1.635	1.645
HORIZONTAL SPREAD	2.910	2.910	2.910
VERTICAL SPREAD	3.718	2.443	1.302
EXTREME SPREAD	3.796	2.987	2.987
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		7	