

66611388

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Remington
 MODEL 700™ H24

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

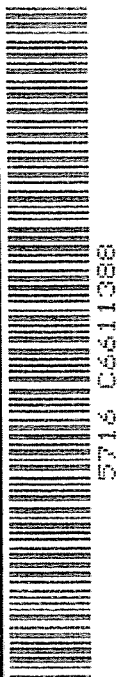
UPONT
 REG. U.S. PAT. & TM. OFF.

SERIAL NO. C6611388

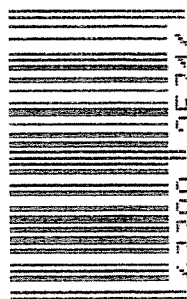
ORDER NO. 5716

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

30



UPC



0 47700 25716 2

Arms Services Repair Estimate

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

Repair Number: **RE00032482** Serial: C6611388 Model 700 Center Fire Caliber: 7.62 NATO M24 SWS WDG 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

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

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

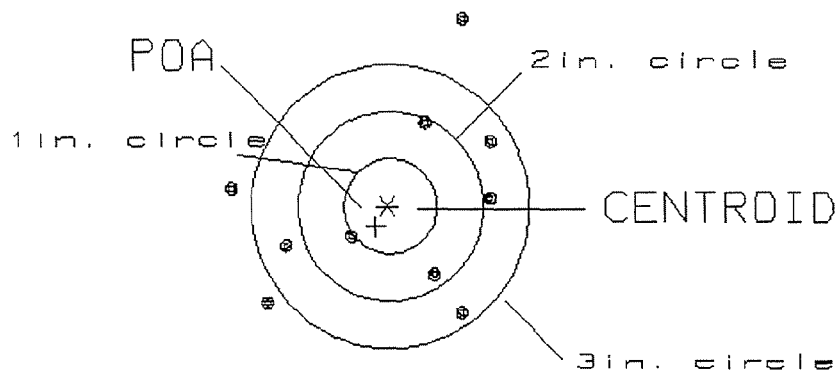
2 + ³ 4 <----POA

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

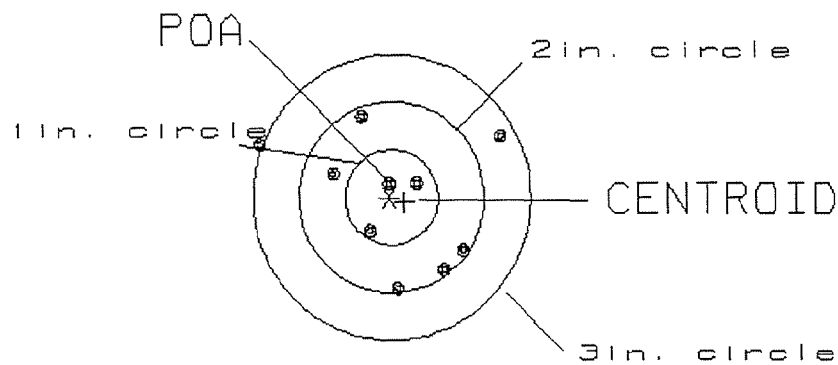
PATTERN #: ☐ 2 ☐

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

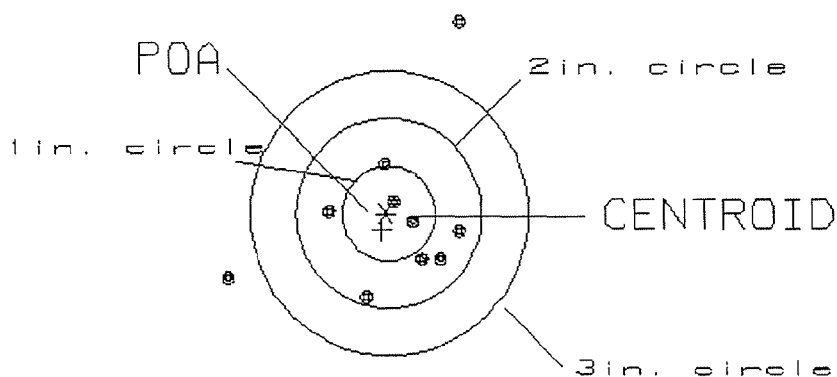
PATTERN #: ☐ 3 ☐

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= 2.64

6

GS= 3.69

8

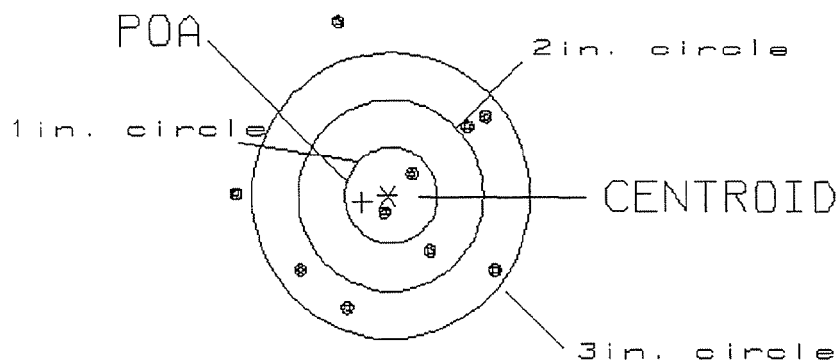
PATTERN #: ☐ 4 ☐

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

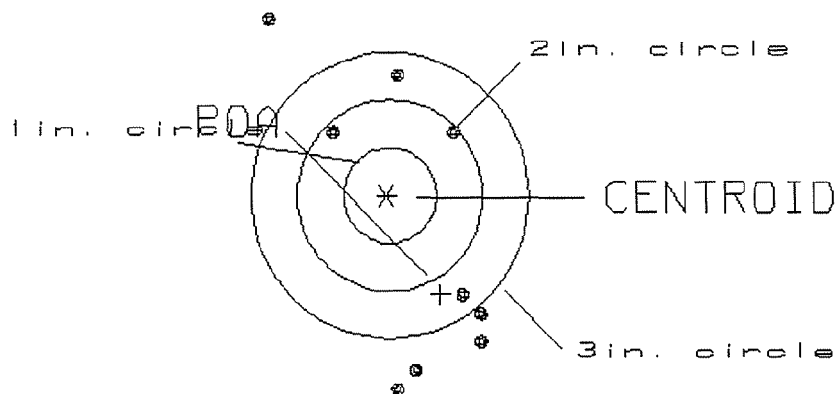
PATTERN #: 5

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 C 661 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	
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: C66/1388

DATE REC'D: 9-13-01

DATE RET'D: 10-9-01

Inspector: 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
- ☒ INON SIGHTS
- ☒ DEPLOYMENT KIT

Trigger

- ☒ SAFETY OPERATION
- ☒ SET
- ☐

Comments: _____

3.04

CEM

M-24

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		GLB
617	Drill and Tap Sight Holes	1 30 91		KLB
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		2/15/91	GL

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					2/16/91	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	NF
	A) Time					"	NF
	B) Malfunctions					"	NF
	C) Pierced Primers					"	NF
	D) Optical Clarity of Scope					"	NF
645	Inspect for Live Ammo					2-18-91	NF
655	Final Inspection						
	A) Headspace					2-22-91	K
	B) Trigger Pull	2.52	2.41	2.37	2.41	2.46	2/21/91 JJ
	C) Function						2-22-91 KC
660	Pack					3-18-91	NF

SWS TRIGGER PULL TEST

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.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611388
19 Feb 1991

CENTROIDAL DISTANCES

0 TO	1	.249018
1 TO	2	.362829
1 TO	3	.337843
1 TO	4	.509063
1 TO	5	.342348

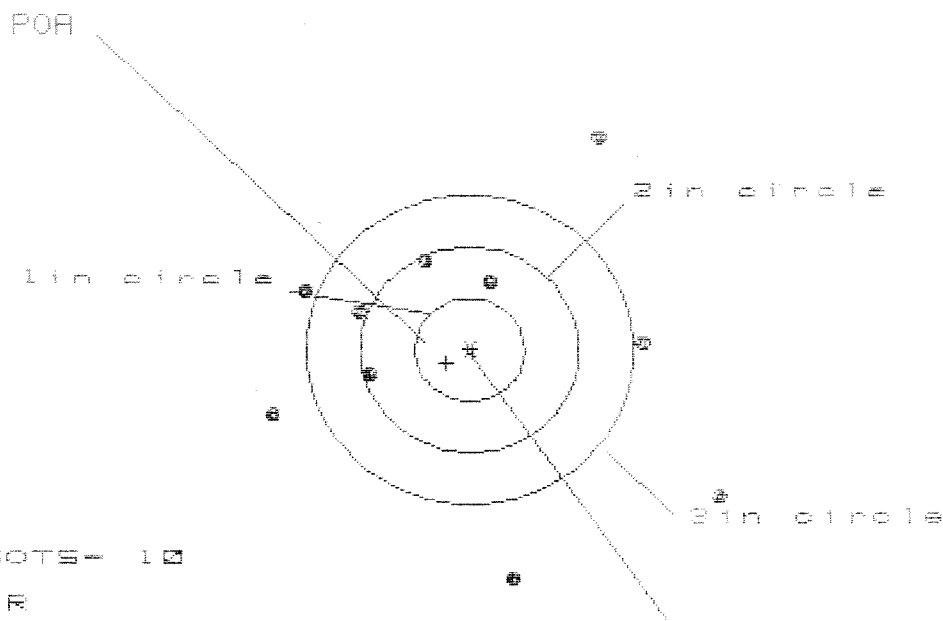
$\frac{4}{5}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0278
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1238
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .126883
THE POI FOR THIS RIFLE IS: 1.152

19 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06611388

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 2

3 in = 4

HS= 4.054

VS= 4.278

GS= 4.348

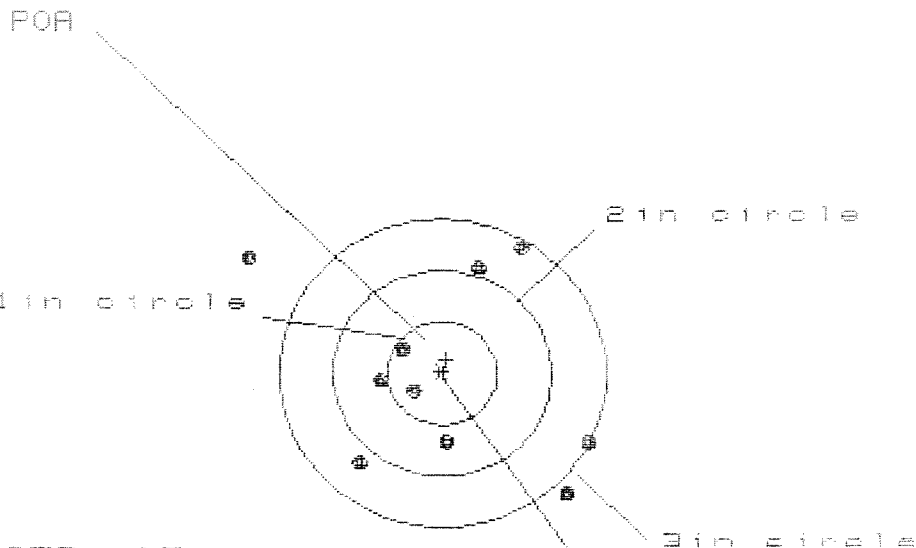
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.283	1.844	2.021
MINIMUM X	-1.781	-1.527	-1.358
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
FOR TO CENTROID in.	.249	.296	.226
MIN RADIUS	.661	.637	.500
MEAN RADIUS	1.668	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/05611368

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 4

3 in = 7

HS = 3.086

VS = 2.398

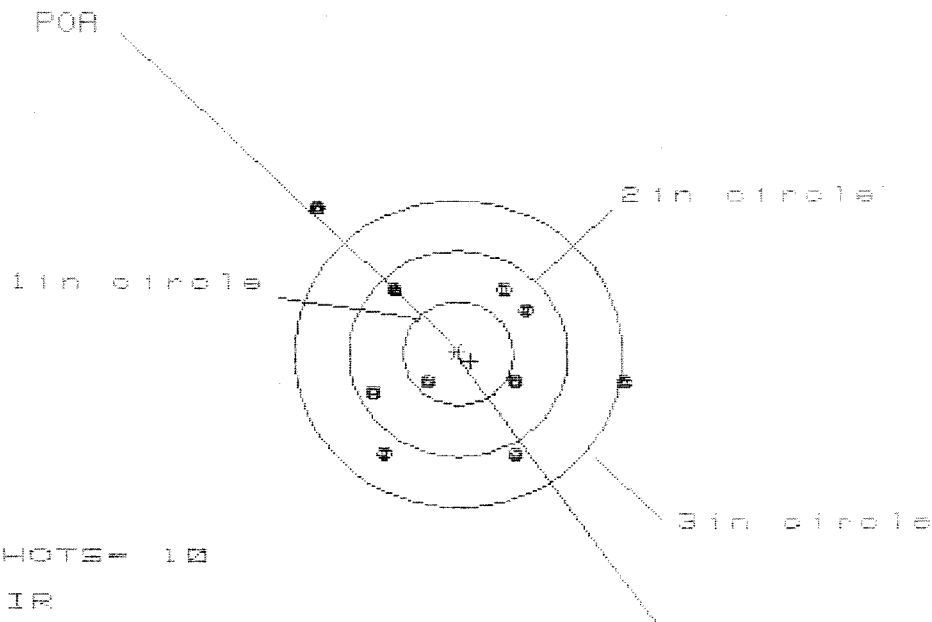
GS = 3.640

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.333	1.141	1.258
MINIMUM X	:	-1.733	-1.905	-1.788
MAXIMUM Y	:	1.243	1.364	1.235
MINIMUM Y	:	-1.155	-1.034	-0.840
CENTROID X	:	-0.038	.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/06611388

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 8

HST= 2.855

VS= 2.362

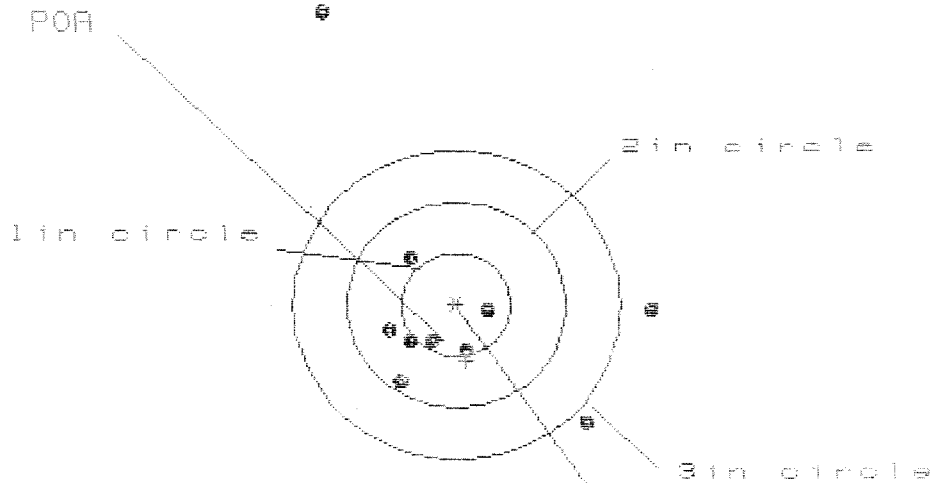
GS= 3.300

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.557
MINIMUM X	-1.298
MAXIMUM Y	1.403
MINIMUM Y	-0.959
CENTROID X	-0.120
CENTROID Y	0.072
POA TO CENTROID in.	0.140
MIN RADIUS	0.358
MEAN RADIUS	0.984
MAX RADIUS	1.912
HORIZONTAL SPREAD	2.855
VERTICAL SPREAD	2.362
EXTREME SPREAD	3.300
NUMBER IN ONE INCH CIRCLE	1
NUMBER IN TWO INCH CIRCLE	5
NUMBER IN THREE INCH CIRCLE	8

19 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06B11388

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 4

2in = 7

3in = 7

HS= 3.071

VS= 4.004

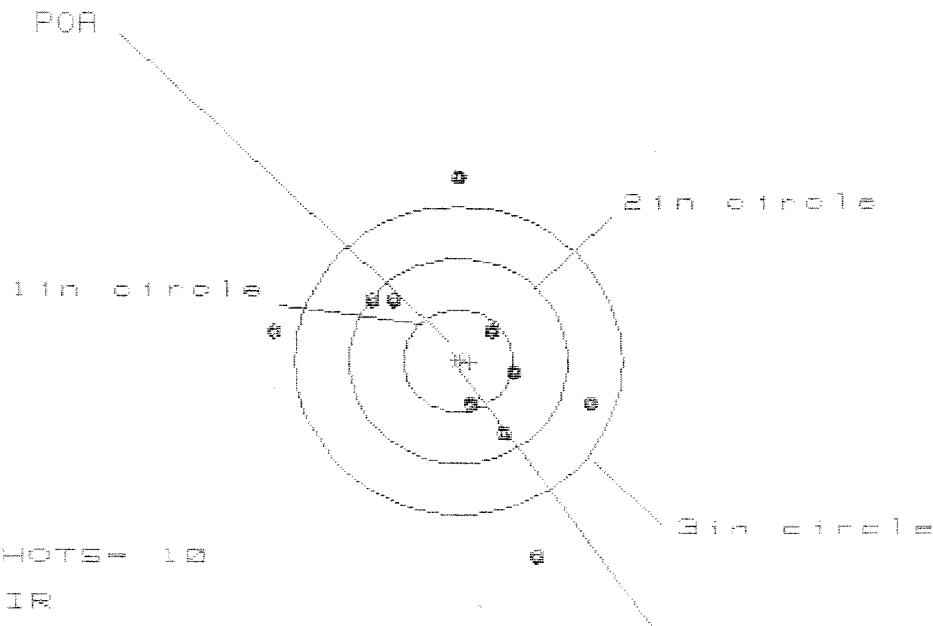
GS= 4.666

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.819	1.680	1.214
MINIMUM X	-1.252	-.740	-.530
MAXIMUM Y	2.839	.743	.779
MINIMUM Y	-1.165	-.850	-.814
CENTROID X	-.086	.053	-.157
CENTROID Y	.541	.226	.190
POA TO CENTROID in.	.548	.232	.247
MIN RADIUS	.260	.108	.113
MEAN RADIUS	1.022	.742	.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/C86113B8

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 7

HS= 2.810

VS= 3.718

GS= 3.796

CENTROID #

PATTERN #	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
POA 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	