

C6225570

MODEL 700™ M24

Model **SMS**™

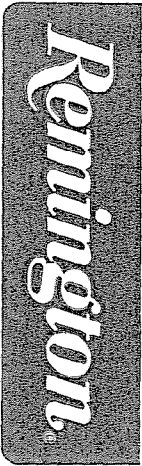
Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.



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.

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

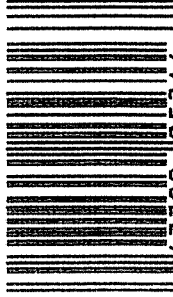
SERIAL NO.
C6225570

ORDER NO.
5716



5716 C6225570

UPC



0 47700 25716 7

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: RE00154258

Serial: C6225570 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: Closed 10/30/2008 8:24:18 AM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: ISD ARMSROOM

ISD ARMSROOM

Address 1: 8TH DESERT STORM

8TH DESERT STORM

Address 2: BLDG 5210 BAY DOOR #30

PO Box:

BLDG 5210 BAY DOOR #30

PO Box:

City: FORT CAMPBELL

FORT CAMPBELL

State: KY

Zip Code: 42223

Country: US

State: KY

Zip Code: 42223

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NN

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A026	Scope	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

10/30/2008

12:42 PM

CAPS

NUM

INS

SCRL

Serial Number: C6225570

Model: M24 SWS



RE00154258

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225570.___0
FILE DATE AND TIME: 12/05/2008 08:54

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.015
The Average Y Centroid of the Five Target Set:	-0.075
The Average Point of Impact of the Five Target Set:	0.076
The Average Mean Radius of the Five Target Set:	0.649
The Distance from POA to Centroid Target #1:	0.109
The Distance from Centroid Target #2 to Centroid Target #1:	0.297
The Distance from Centroid Target #3 to Centroid Target #1:	0.278
The Distance from Centroid Target #4 to Centroid Target #1:	0.156
The Distance from Centroid Target #5 to Centroid Target #1:	0.170

BARBER - M24 0051670

SERIAL NUMBER: C6225570. __0

TARGET NUMBER: 1

FILE DATE: 12/05/2008

FILE TIME: 08:54

POINT#	X	Y
1:	-0.560	-1.115
2:	-0.170	-0.726
3:	0.259	-0.347
4:	0.641	-0.250
5:	0.010	0.209
6:	-0.042	0.474
7:	-0.207	0.595
8:	0.066	0.550
9:	0.304	0.641
10:	0.485	0.731

X CENTROID: 0.079

Y CENTROID: 0.076

POA TO CENTROID: 0.109

HORZ SPREAD: 1.201

VERT SPREAD: 1.846

GROUP SPREAD: 2.121

MIN RADIUS: 0.149

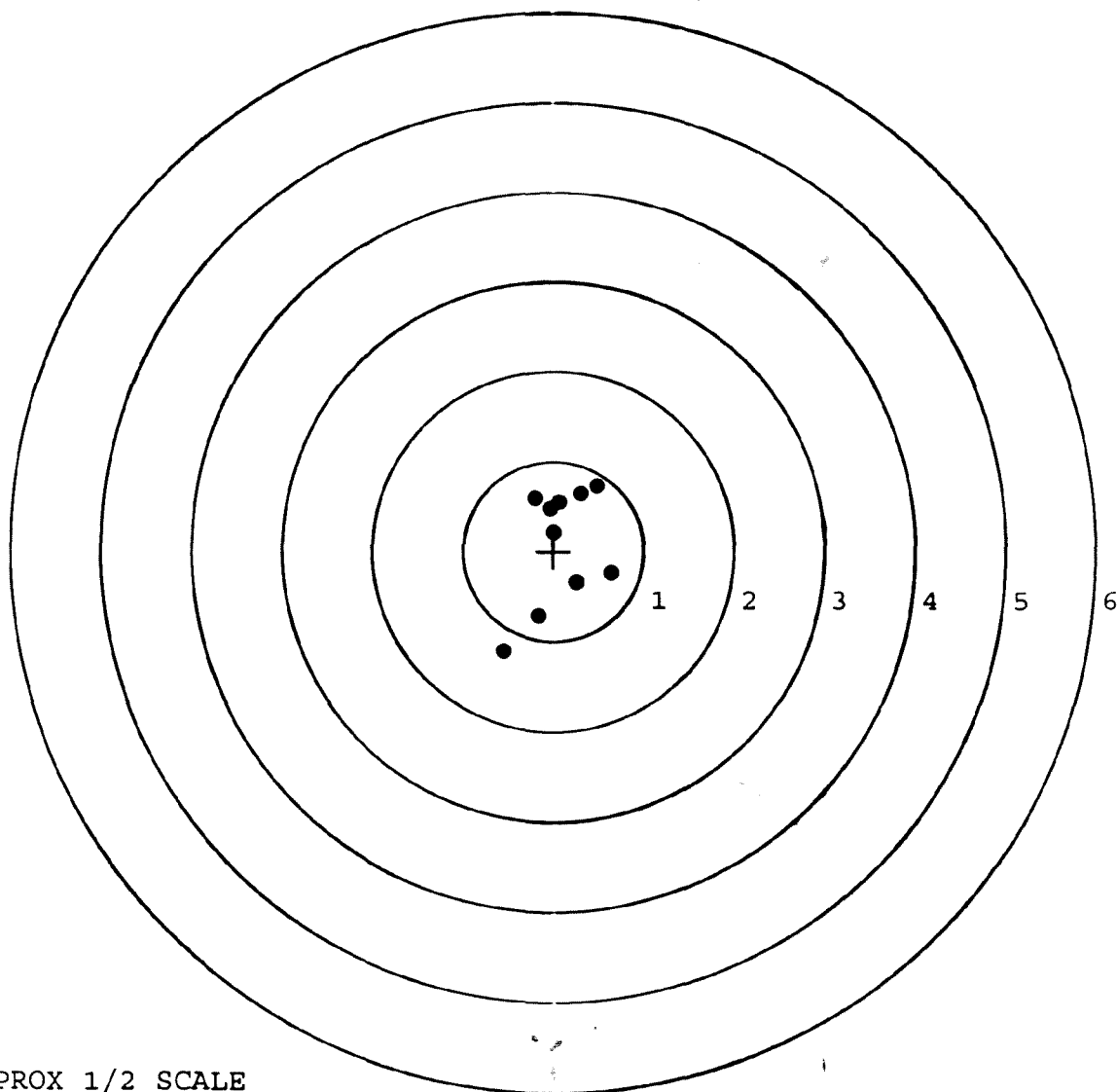
MAX RADIUS: 1.352

MEAN RADIUS: 0.631

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0051671

SERIAL NUMBER: C6225570. __0

TARGET NUMBER: 2

FILE DATE: 12/05/2008

FILE TIME: 08:54

POINT#	X	Y
1:	-1.407	-0.614
2:	1.184	-0.909
3:	0.769	0.158
4:	0.159	0.235
5:	-0.018	-0.226
6:	-0.186	-0.556
7:	0.130	-0.671
8:	-0.419	-0.182
9:	-0.515	0.278
10:	-0.588	0.794

X CENTROID: -0.089

Y CENTROID: -0.169

POA TO CENTROID: 0.191

HORZ SPREAD: 2.591

VERT SPREAD: 1.703

GROUP SPREAD: 2.608

MIN RADIUS: 0.091

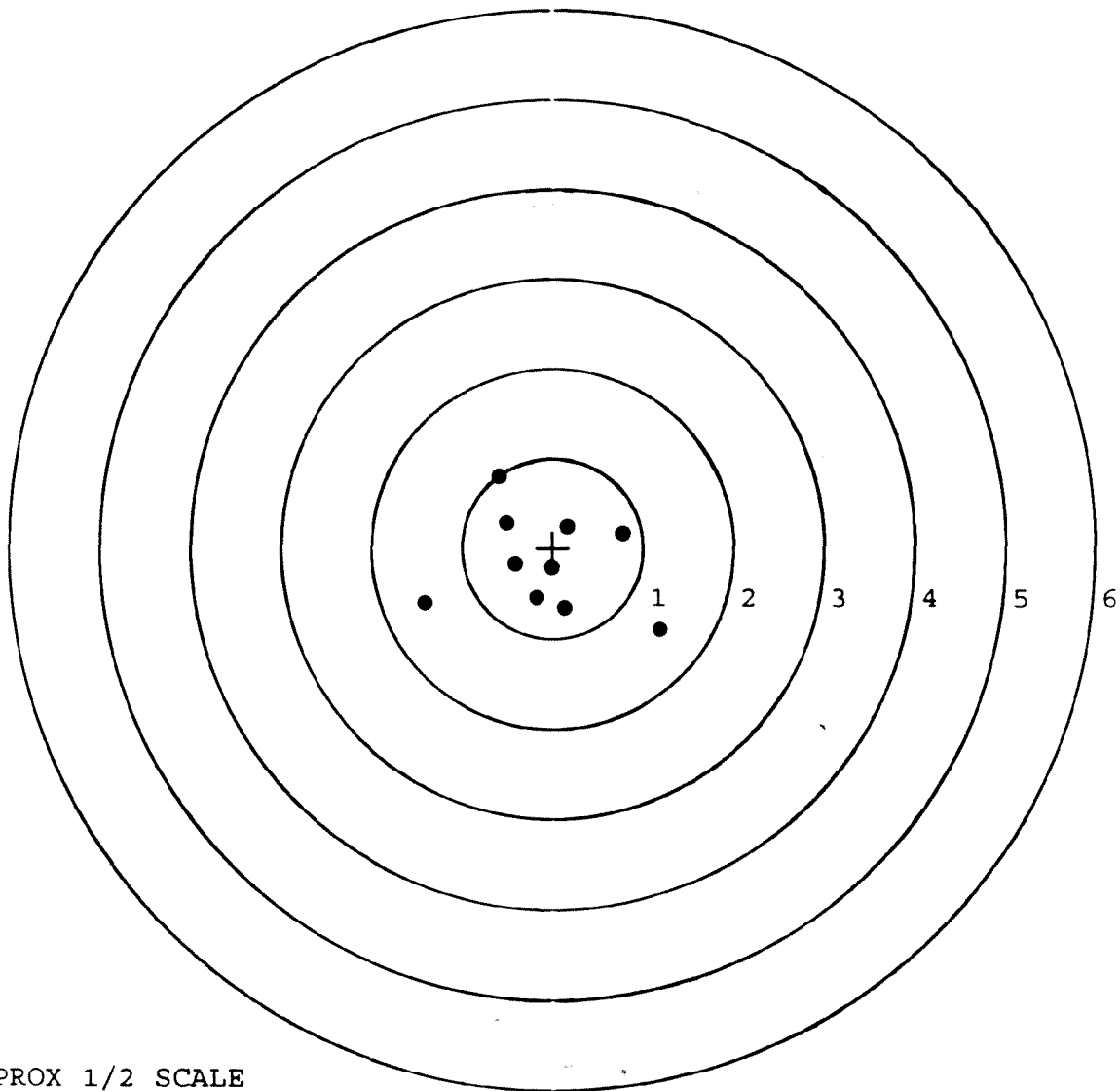
MAX RADIUS: 1.472

MEAN RADIUS: 0.733

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225570. 0

TARGET NUMBER: 3

FILE DATE: 12/05/2008

FILE TIME: 08:54

POINT#	X	Y
--------	---	---

1:	0.492	0.212
----	-------	-------

2:	-0.360	0.632
----	--------	-------

3:	-0.702	0.214
----	--------	-------

4:	-0.522	0.112
----	--------	-------

5:	-0.107	-0.344
----	--------	--------

6:	0.156	-0.319
----	-------	--------

7:	0.331	-0.444
----	-------	--------

8:	0.395	-0.665
----	-------	--------

9:	0.151	-0.675
----	-------	--------

10:	-0.025	-0.564
-----	--------	--------

X CENTROID: -0.019

Y CENTROID: -0.184

POA TO CENTROID: 0.185

HORZ SPREAD: 1.194

VERT SPREAD: 1.307

GROUP SPREAD: 1.501

MIN RADIUS: 0.182

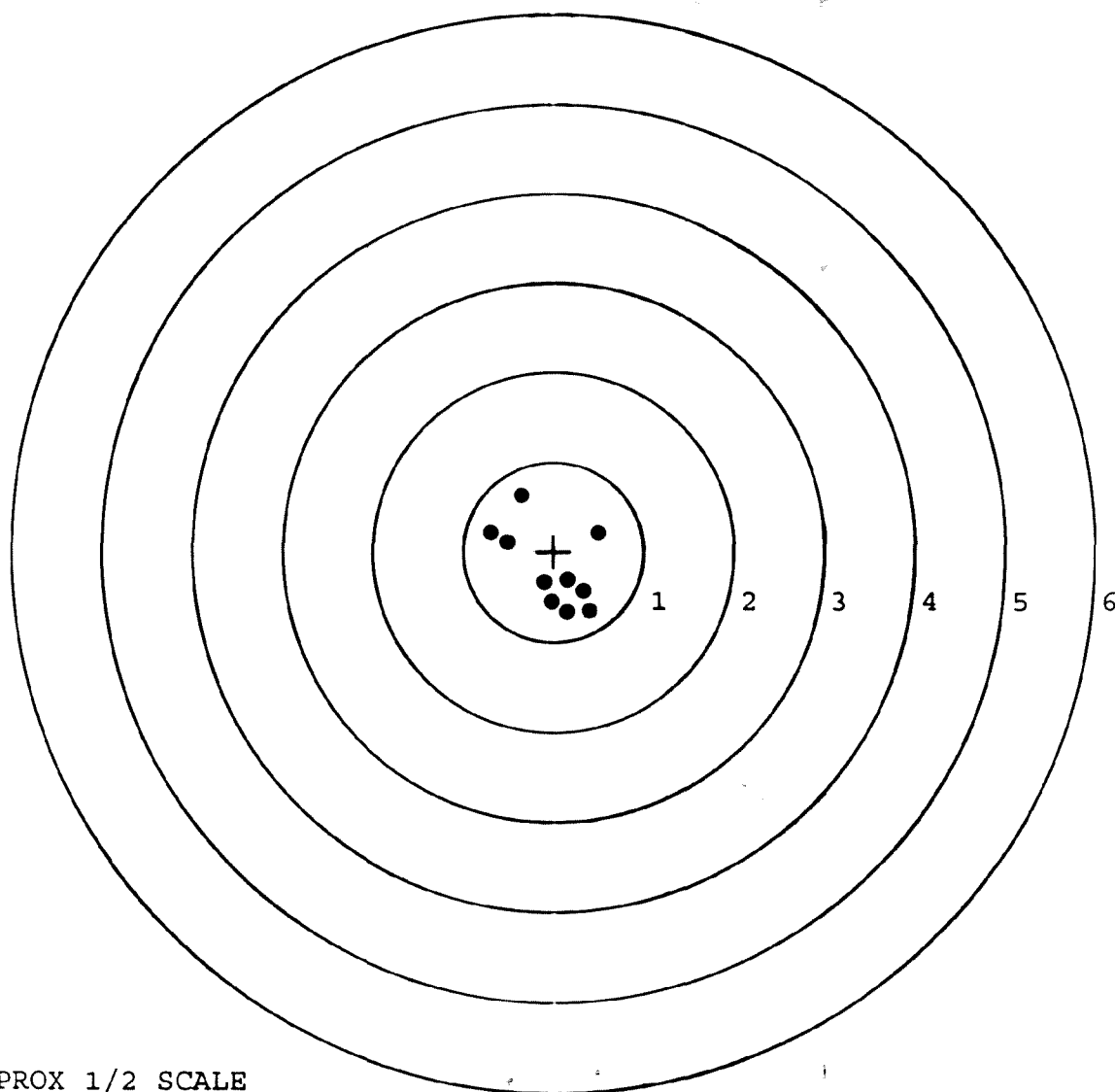
MAX RADIUS: 0.884

MEAN RADIUS: 0.528

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0051673

SERIAL NUMBER: C6225570. __0

TARGET NUMBER: 4

FILE DATE: 12/05/2008

FILE TIME: 08:54

POINT#	X	Y
1:	0.471	0.679
2:	0.263	0.919
3:	-0.297	0.375
4:	-0.717	0.469
5:	-1.424	0.149
6:	-0.344	-0.473
7:	0.183	-0.761
8:	0.401	-0.730
9:	0.462	-0.497
10:	0.587	-0.370

X CENTROID: -0.042

Y CENTROID: -0.024

POA TO CENTROID: 0.048

HORZ SPREAD: 2.011

VERT SPREAD: 1.680

GROUP SPREAD: 2.077

MIN RADIUS: 0.474

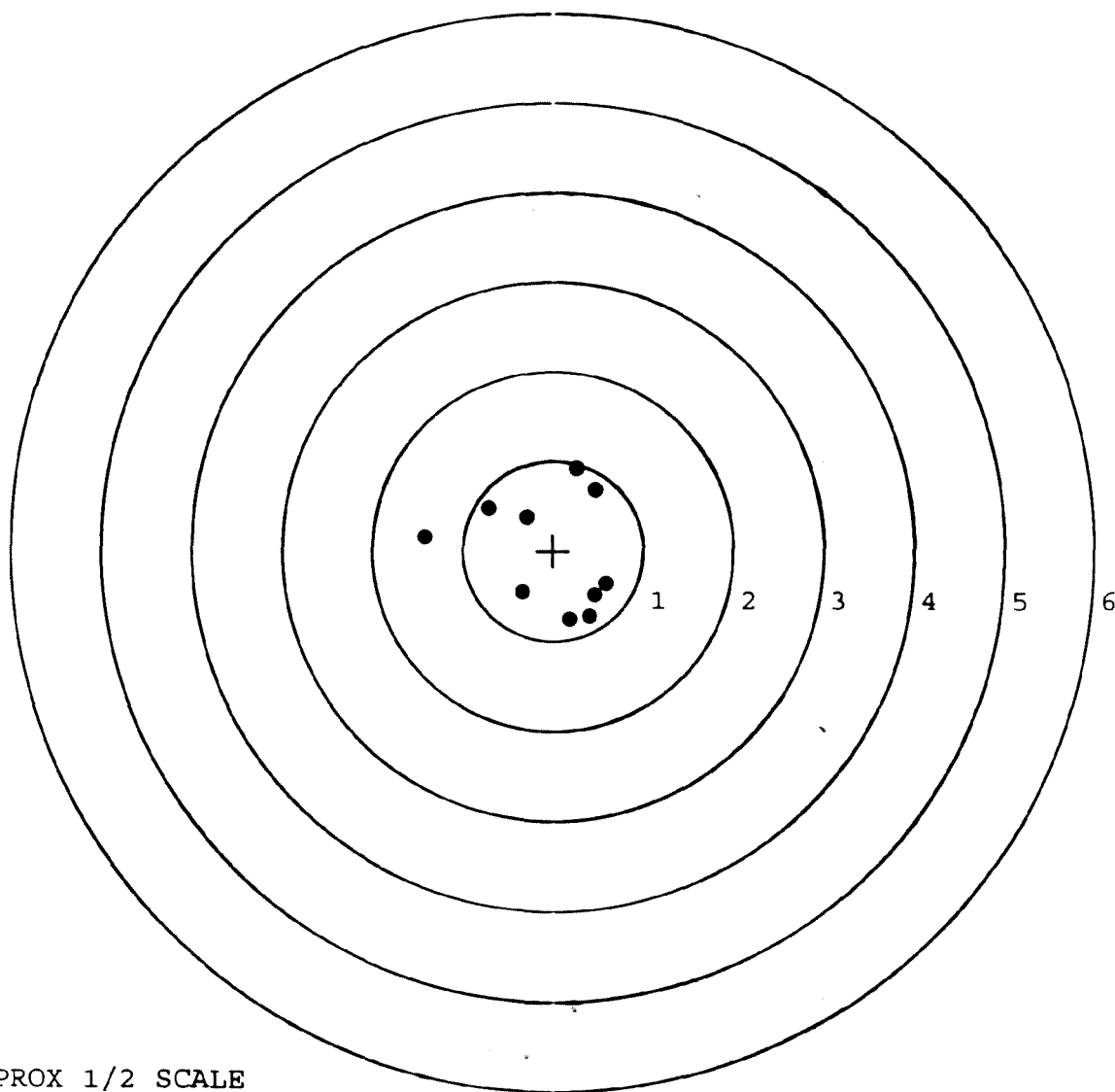
MAX RADIUS: 1.393

MEAN RADIUS: 0.812

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0051674

SERIAL NUMBER: C6225570. __0

TARGET NUMBER: 5

FILE DATE: 12/05/2008

FILE TIME: 08:54

POINT#	X	Y
--------	---	---

1:	-0.629	-0.269
----	--------	--------

2:	-0.464	0.203
----	--------	-------

3:	-0.025	0.409
----	--------	-------

4:	0.159	0.326
----	-------	-------

5:	0.375	0.577
----	-------	-------

6:	0.387	0.228
----	-------	-------

7:	0.257	-0.247
----	-------	--------

8:	0.024	-0.480
----	-------	--------

9:	-0.080	-0.584
----	--------	--------

10:	-0.056	-0.880
-----	--------	--------

X CENTROID: -0.005

Y CENTROID: -0.072

POA TO CENTROID: 0.072

HORZ SPREAD: 1.016

VERT SPREAD: 1.457

GROUP SPREAD: 1.519

MIN RADIUS: 0.315

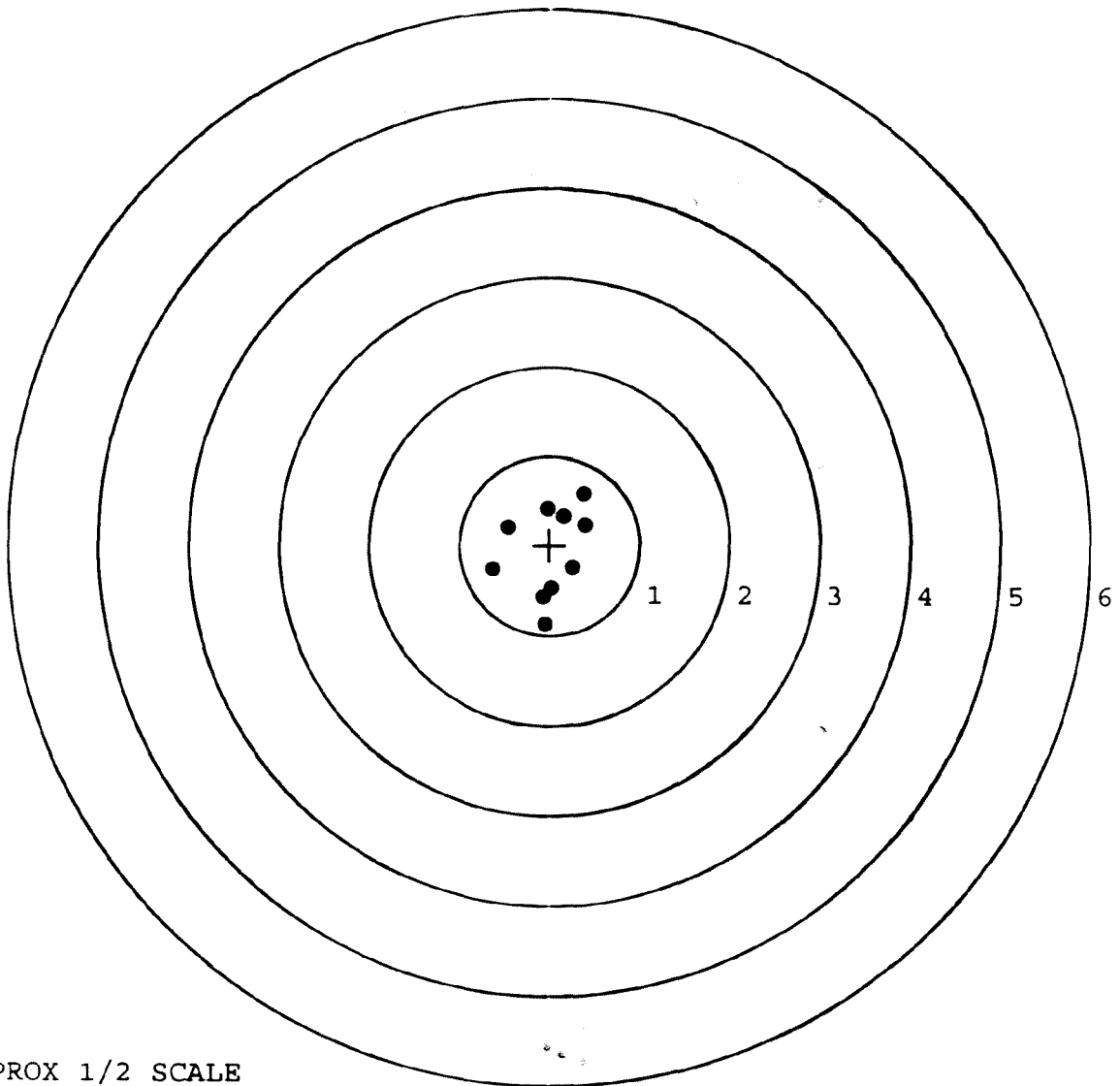
MAX RADIUS: 0.810

MEAN RADIUS: 0.540

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149

R&E NUMBER

154258

SERIAL NUMBER

C6225578

LOG-IN DATE

10-30-08

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		11-6-08	RTZ
505	RE-BARREL		11-7-08	RTZ
560	ASSEMBLE		11-7-08	RTZ
600	PROOF		11-11-08	L.P.D.
605	CHECK HEADSPACE		11-11-08	L.P.D.
610	DIS-ASSEMBLE GUN		11-11-08	L.P.D.
612	MAGNAFLUX	OPERATOR 	11-17-08	
510	DRILL AND TAP		11-12-08	SA
615	ROLLMARK CALIBER		11/17/08	RT
618	ROTO-BLAST			
620	APPLY COATINGS		11-21	
625	FINAL ASSEMBLY		12-2-08	RTZ
640	FUNCTION TEST AND	PASS FAIL	12-4-08	L.P.D.
650	TARGET	PASS FAIL	12-4-08	L.P.D.
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		12-5-08	L.P.D.
	A) HEADSPACE	PASS FAIL	12-5-08	L.P.D.
	B) TRIGGER PULL	214 274 274 272 270	12-5-08	L.P.D.
690	F) SAFETY ON FORCE	2.5 2.5 3.0	12-5-08	L.P.D.
	G) SAFETY OFF FORCE	5.0 5.0 5.0	12-5-08	L.P.D.
	I) FIRING PIN INDENT	.021 .021 .021	12-5-08	L.P.D.
690	PACK		4/3/09	Fmy

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225570

OP. #	OP. NAME	INTERCHANGEABILITY	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	12 9 88		RW
600	Proof		12 9 88		RW
607	Check Headspace		12 9 88		RW
610	Dis-assemble Gun		12 9 88		RW
612	Magnaflux Barrel Action			12-22-88	R/c.
	Magnaflux Bolt			1-3-89	R/c.
615	Rollmark Caliber			12/22/88	MSC
617	Drill and Tap Sight Holes		1 3 89		F.B
618	Polish Barrel		12 2 88		WJ
620	Apply Coatings (Barrel Action)			1-16-89	JS
	Apply Coating (Bolt)				
625	Final Assembly				
	A) Clean inside of Bolt Assembly			1/25/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head			1/25/89	RW
	C) Inspect Ejector Hole for Chamfer			1/25/89	RW
	D) Oil Firing Pin Ass'y			1/25/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake			25/Jan/89	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	5	5			30 Jun 89	JSS
	G) Safety Off Force	3	3	3			30 Jun 89	JSS
	H) Trigger Pull Test & Retainability						25 Jun 89	JSS
	I) Firing Pin Indent	.021	.021	.021			30 Jun 89	JSS
	J) Assemble Stock						2/3/89	RW
	K) Assemble Swivel Studs						8 Feb 89	JSS
	L) Attach Front and Rear Sight Assemblies						2/3/89	RW
	M) Iron Sight Alignment						2/3/89	RW
	N) Detach Front & Rear Sights & place in numbered container						2/3/89	RW
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times						3 Feb 89	JSS
640	Gallery Target & Test	54 R	100 L				2/7/89	AC
	A) Time						"	AC
	B) Malfunctions				NONE		"	AC
	C) Pierced Primers				NONE		"	AC
	D) Optical Clarity of Scope				OK		2/7/89	AC
645	Inspect for Live Ammo				NONE		2/7/89	AC
655	Final Inspection							
	A) Headspace						8 Feb 89	JSS
	B) Trigger Pull	2.38	2.51	2.47	2.46	2.60	8 Feb 89	JSS
	C) Function						8 Feb 89	JSS
660	Pack						22 Mar 89	JSS

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

SERIAL NO 6225570DATE 4-6-90TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.49	2.38		2.44	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.50	2.38		2.50	
PULL #3	2.54	2.43		2.51	
PULL #4	2.46	2.40		2.49	
PULL #5	2.34	2.44		2.60	
TOTAL	12.33	12.03		12.54	
AVG.	2.466	2.406		2.508	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.24	3.21		
PULL #2	3.20	3.30		
PULL #3	3.13	3.31		
PULL #4	3.22	3.36		
PULL #5	3.28	3.30		
TOTAL	16.07	16.48		
AVG.	3.214	3.296		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.19	4.24		
PULL #2	4.23	4.23		
PULL #3	4.17	4.27		
PULL #4	4.24	4.22		
PULL #5	4.24	4.17		
TOTAL	21.07	21.13		
AVG.	4.214	4.226		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225570
10 Feb 1989

CENTROIDAL DISTANCES

0 TO	1	.252002
1 TO	2	.371065
1 TO	3	.393219
1 TO	4	.642311
1 TO	5	.12492

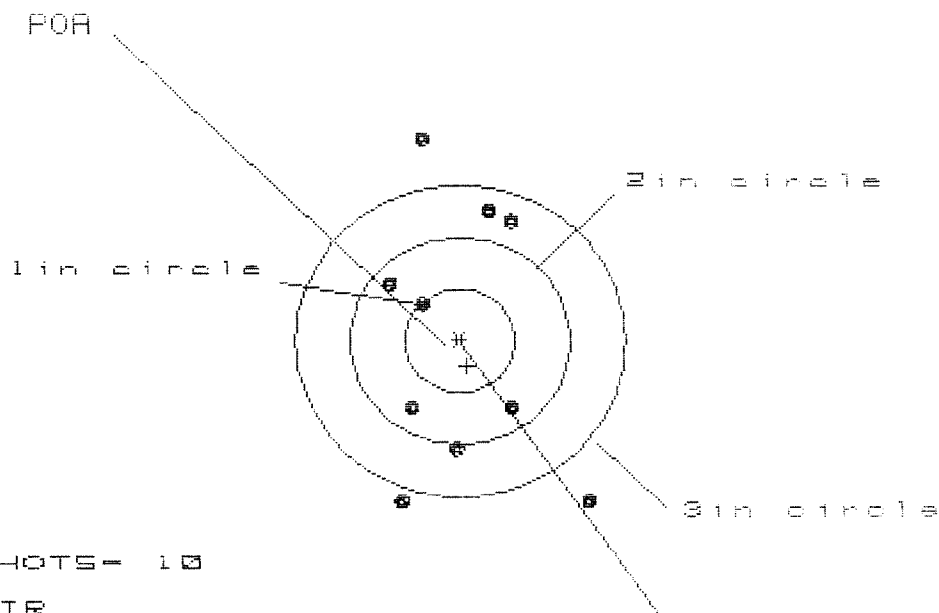
$\frac{53}{12}$ (----POR
4

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .082
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0364
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .669716
THE AMR FOR THIS RIFLE IS: 1.104

18 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225520

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 7

HS= 1.761

VS= 3.554

GS= 3.869

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.142	1.099	.572
MINIMUM X	-.619	-.662	-.525
MAXIMUM Y	1.991	1.475	1.307
MINIMUM Y	-1.563	-1.341	-1.453
CENTROID X	-.063	-.020	-.150
CENTROID Y	.244	.022	.190
POA TO CENTROID in.	.252	.030	.247
MIN RADIUS	.496	.601	.490
MEAN RADIUS	1.197	1.090	.992
MAX RADIUS	2.028	1.734	1.613
HORIZONTAL SPREAD	1.761	1.761	1.096
VERTICAL SPREAD	3.554	2.816	2.760
EXTREME SPREAD	3.869	2.962	2.857
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	7		

18 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225570

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 3

3 in = 8

HS= 2.468

VS= 3.129

GS= 3.695

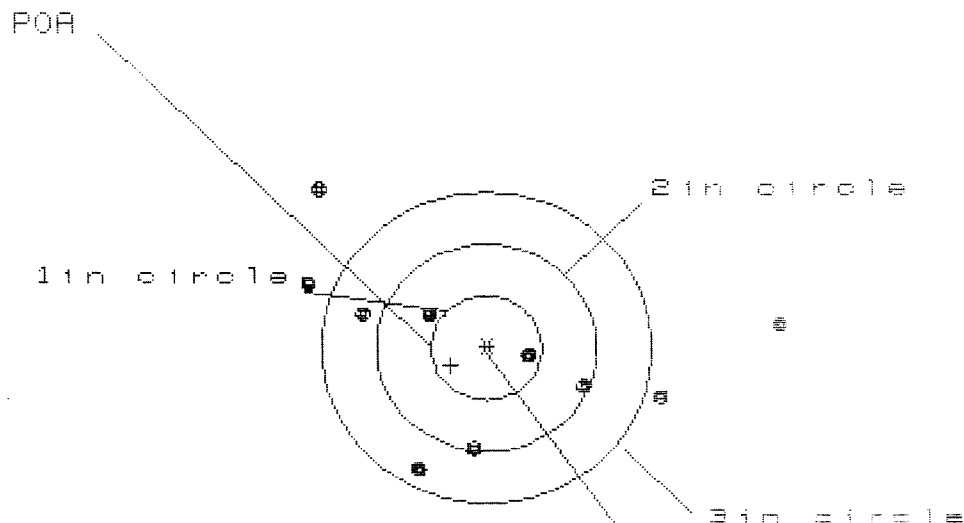
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.191	1.050	1.119
MINIMUM X	:	-1.277	-1.418	-1.349
MAXIMUM Y	:	1.398	1.206	1.108
MINIMUM Y	:	-1.731	-1.749	-1.599
CENTROID X	:	.177	.318	.249
CENTROID Y	:	-.039	.153	.003
POA TO CENTROID in.	:	.181	.353	.249
MIN RADIUS	:	.363	.529	.384
MEAN RADIUS	:	1.109	.997	.927
MAX RADIUS	:	2.147	1.431	1.350
HORIZONTAL SPREAD	:	2.468	2.468	2.468
VERTICAL SPREAD	:	3.129	1.955	1.707
EXTREME SPREAD	:	3.695	2.484	2.468
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	

18 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225570

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 6

HS= 4.286

VS= 2.663

GS= 4.439

CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.713	1.876	1.721
MINIMUM X	:	-1.573	-1.272	-1.427
MAXIMUM Y	:	1.483	1.509	.880
MINIMUM Y	:	-1.179	-1.154	-.966
CENTROID X	:	.323	.022	.177
CENTROID Y	:	.169	.143	-.045
POA TO CENTROID in.	:	.364	.145	.183
MIN RADIUS	:	.345	.480	.489
MEAN RADIUS	:	1.359	1.184	1.068
MAX RADIUS	:	2.722	1.954	1.741
HORIZONTAL SPREAD	:	4.286	3.148	3.148
VERTICAL SPREAD	:	2.663	2.663	1.846
EXTREME SPREAD	:	4.439	3.685	3.350
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		6	

18 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225570

CENTERFIRE PATTERNS # 4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 7

HS= 2.474

VS= 2.855

GS= 3.342

CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.178	1.034	.950
MINIMUM X	:	-1.296	-1.233	-1.104
MAXIMUM Y	:	1.285	1.111	.920
MINIMUM Y	:	-1.570	-1.525	-.987
CENTROID X	:	-.083	.061	-.068
CENTROID Y	:	-.398	-.224	-.033
POA TO CENTROID in.	:	.407	.232	.076
MIN RADIUS	:	.384	.277	.384
MEAN RADIUS	:	1.109	.967	.864
MAX RADIUS	:	2.036	1.843	1.314
HORIZONTAL SPREAD	:	2.474	2.267	2.054
VERTICAL SPREAD	:	2.855	2.636	1.907
EXTREME SPREAD	:	3.342	3.342	2.260
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

18 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225570

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 10

HS= 1.629

VS= 2.025

GS= 2.253

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.787	.693	.650
MINIMUM X	:	-.842	-.541	-.584
MAXIMUM Y	:	.958	1.057	.936
MINIMUM Y	:	-1.067	-.968	-.944
CENTROID X	:	.056	.150	.193
CENTROID Y	:	.206	.107	.228
POA TO CENTROID in.	:	.214	.184	.299
MIN RADIUS	:	.069	.069	.102
MEAN RADIUS	:	.747	.679	.634
MAX RADIUS	:	1.225	1.100	.999
HORIZONTAL SPREAD	:	1.629	1.234	1.234
VERTICAL SPREAD	:	2.025	2.025	1.880
EXTREME SPREAD	:	2.253	2.029	1.908
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

INTERCHANGEABILITY

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225570
17 Mar 1989

CENTROIDAL DISTANCES

0 TO	1	.548811
1 TO	2	.297294
1 TO	3	.396449
1 TO	4	.252858
1 TO	5	.108006

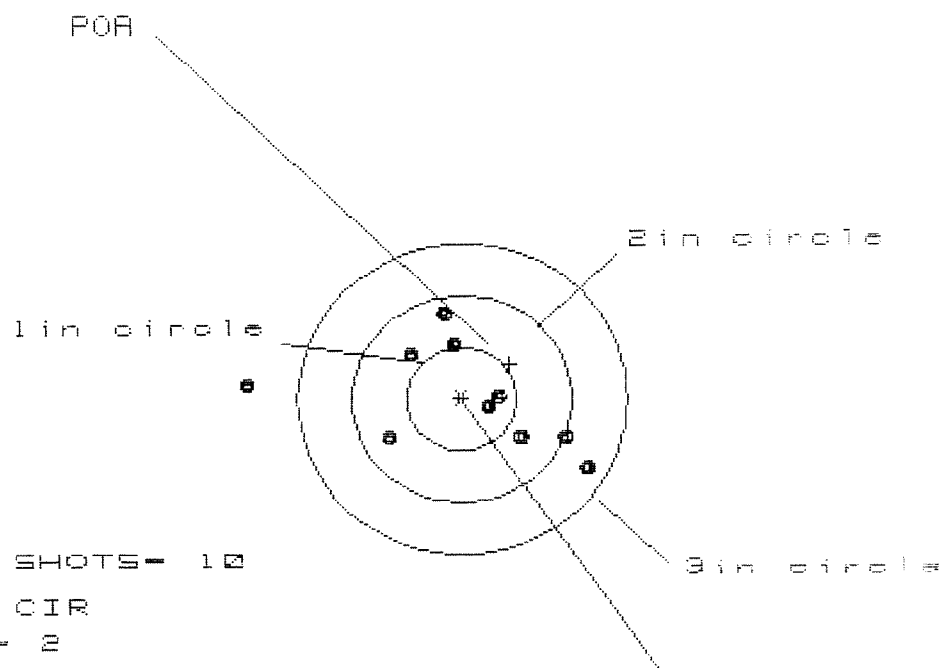
$\frac{2}{2} +$ <----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.5048
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2062
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .54529
THE AMR FOR THIS RIFLE IS: .8944

18 Mar 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225570

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 8

3 in = 9

HS= 3.103

VS= 1.471

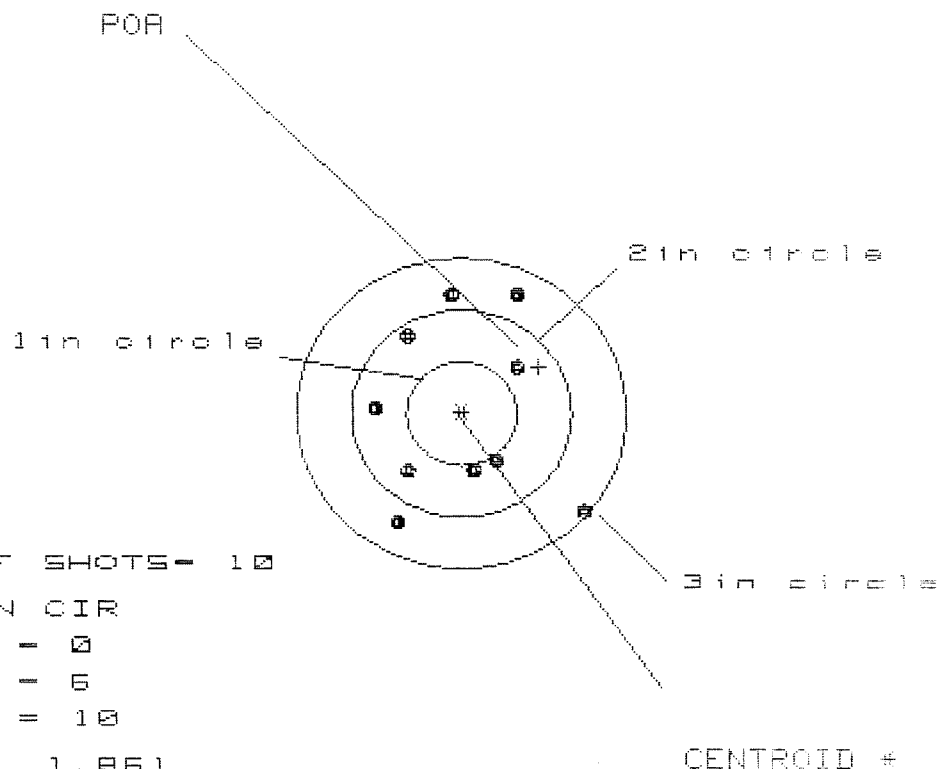
GS= 3.201

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.162	.946	.803
MINIMUM X	-1.941	-.888	-.770
MAXIMUM Y	.792	.804	.721
MINIMUM Y	-.679	-.667	-.477
CENTROID X	-.437	-.221	-.339
CENTROID Y	-.332	-.344	-.261
POA TO CENTROID in.	.549	.409	.428
MIN RADIUS	.264	.093	.226
MEAN RADIUS	.835	.664	.612
MAX RADIUS	1.944	1.158	.933
HORIZONTAL SPREAD	3.103	1.834	1.573
VERTICAL SPREAD	1.471	1.471	1.198
EXTREME SPREAD	3.201	1.960	1.590
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	9		

16 Mar 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225570

CENTERFIRE PATTERNS # 2

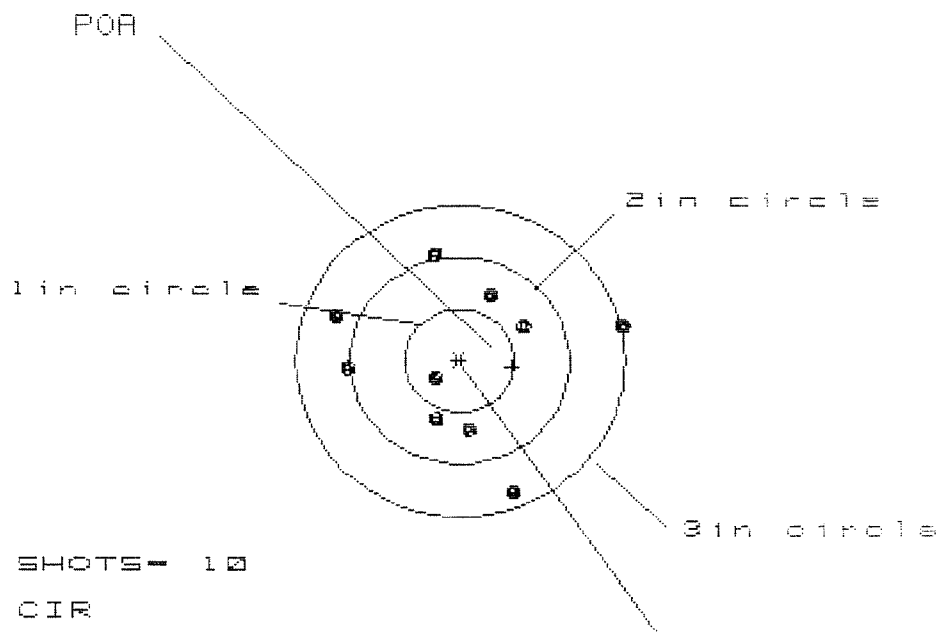


PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.077	.631	.568
MINIMUM X	:	-.784	-.664	-.727
MAXIMUM Y	:	1.121	1.011	.865
MINIMUM Y	:	-1.053	-1.163	-.783
CENTROID X	:	-.709	-.829	-.766
CENTROID Y	:	-.452	-.342	-.196
POA TO CENTROID in.	:	.841	.897	.791
MIN RADIUS	:	.509	.650	.575
MEAN RADIUS	:	.911	.847	.790
MAX RADIUS	:	1.465	1.268	1.020
HORIZONTAL SPREAD	:	1.861	1.295	1.295
VERTICAL SPREAD	:	2.174	2.174	1.648
EXTREME SPREAD	:	2.436	2.436	1.890
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

16 Mar 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225570

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 5

3 in = 10

HS = 2.516

VS = 2.213

GS = 2.520

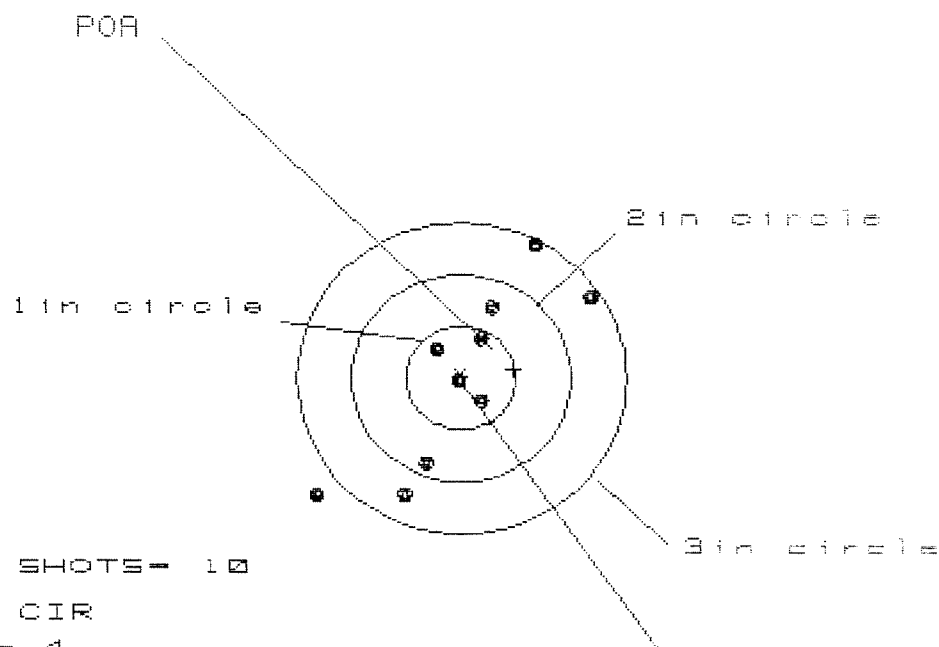
CENTROID #

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.434
MINIMUM X	-1.082
MAXIMUM Y	.990
MINIMUM Y	-1.223
CENTROID X	-.481
CENTROID Y	.062
POA TO CENTROID in.	.485
MIN RADIUS	.290
MEAN RADIUS	.891
MAX RADIUS	1.465
HORIZONTAL SPREAD	2.516
VERTICAL SPREAD	2.213
EXTREME SPREAD	2.520
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	10

16 Mar 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225570

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 4

2in = 6

3in = 9

HS= 2.499

VS= 2.432

GS= 3.171

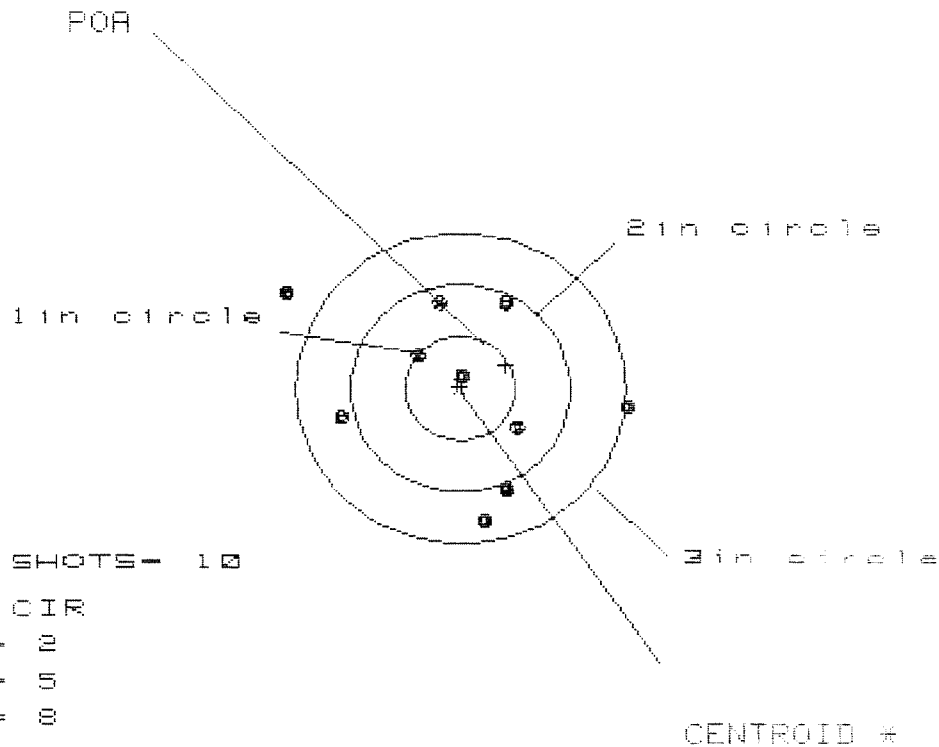
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.140	.989	1.056
MINIMUM X	:	-1.359	-.650	-.583
MAXIMUM Y	:	1.285	1.159	.751
MINIMUM Y	:	-1.147	-1.273	-1.129
CENTROID X	:	-.481	-.330	-.397
CENTROID Y	:	-.083	.043	-.101
POA TO CENTROID in.	:	.488	.333	.410
MIN RADIUS	:	.039	.235	.117
MEAN RADIUS	:	.850	.747	.667
MAX RADIUS	:	1.770	1.430	1.296
HORIZONTAL SPREAD	:	2.499	1.639	1.639
VERTICAL SPREAD	:	2.432	2.432	1.880
EXTREME SPREAD	:	3.171	2.708	2.494
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

16 Mar 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225570

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS= 3.111

VS= 2.182

GS= 3.325

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.502	1.324	.485
MINIMUM X	:	-1.609	-1.219	-1.054
MAXIMUM Y	:	.958	.932	.918
MINIMUM Y	:	-1.224	-1.118	-1.132
CENTROID X	:	-.416	-.237	-.402
CENTROID Y	:	-.226	-.332	-.318
POA TO CENTROID in.	:	.473	.408	.513
MIN RADIUS	:	.167	.314	.259
MEAN RADIUS	:	.985	.886	.819
MAX RADIUS	:	1.872	1.328	1.157
HORIZONTAL SPREAD	:	3.111	2.543	1.539
VERTICAL SPREAD	:	2.182	2.050	2.050
EXTREME SPREAD	:	3.325	2.545	2.092
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	