

C6594592

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

Remington® REG. U.S. PAT. & TM. OFF.

MODEL 700™ M24

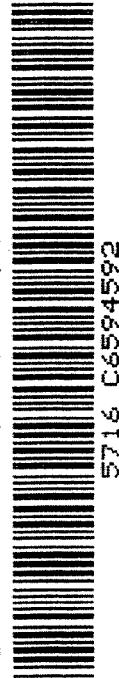
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

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

DUPONT

SERIAL NO. C6594592	ORDER NO. 5716
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20



UPC



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: RE00131401

Serial: C6594592 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 7/17/2007 7:48:35 AM

Address Information

Customer: ☐ Received From: ☐ Return To: ☐ Received From

Name: CO. B 2d Bn., 3d SFG-A CO. B 2d Bn., 3d SFG-A

Address 1: SGT TIMOTHY KRANZ SGT TIMOTHY KRANZ

Address 2: E-1650 KUWAIT STREET PO Box: E-1650 KUWAIT STREET PO Box:

City: FORT BRAGG FORT BRAGG

State: NC Zip Code: 28310 Country: US State: NC Zip Code: 28310 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
A010	Hard Case	1
A057	Frt and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

7/17/2007

8:14 AM

CAPS

NUM

INS

SCRL



3 Microsoft O...

3 Microsoft O...

Arms Services ...

4 Internet Ex...

8:14 AM

Serial Number: C6594592

Model: M24 SWS



RE00131401

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594592.__0
FILE DATE AND TIME: 09/10/2007 05:18

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.009
The Average Y Centroid of the Five Target Set:	-0.038
The Average Point of Impact of the Five Target Set:	0.039
The Average Mean Radius of the Five Target Set:	0.726
The Distance from POA to Centroid Target #1:	0.141
The Distance from Centroid Target #2 to Centroid Target #1:	0.228
The Distance from Centroid Target #3 to Centroid Target #1:	0.043
The Distance from Centroid Target #4 to Centroid Target #1:	0.162
The Distance from Centroid Target #5 to Centroid Target #1:	0.195

BARBER - M24 0019930

SERIAL NUMBER: C6594592. __0

TARGET NUMBER: 1

FILE DATE: 09/10/2007

FILE TIME: 05:18

POINT#	X	Y
1:	1.034	-0.831
2:	0.711	-0.572
3:	0.338	-0.378
4:	0.174	-0.261
5:	-0.501	-0.480
6:	-0.523	0.043
7:	-0.308	-0.035
8:	-0.860	0.578
9:	-0.168	0.456
10:	1.185	0.573

X CENTROID: 0.108

Y CENTROID: -0.091

POA TO CENTROID: 0.141

HORZ SPREAD: 2.045

VERT SPREAD: 1.409

GROUP SPREAD: 2.045

MIN RADIUS: 0.183

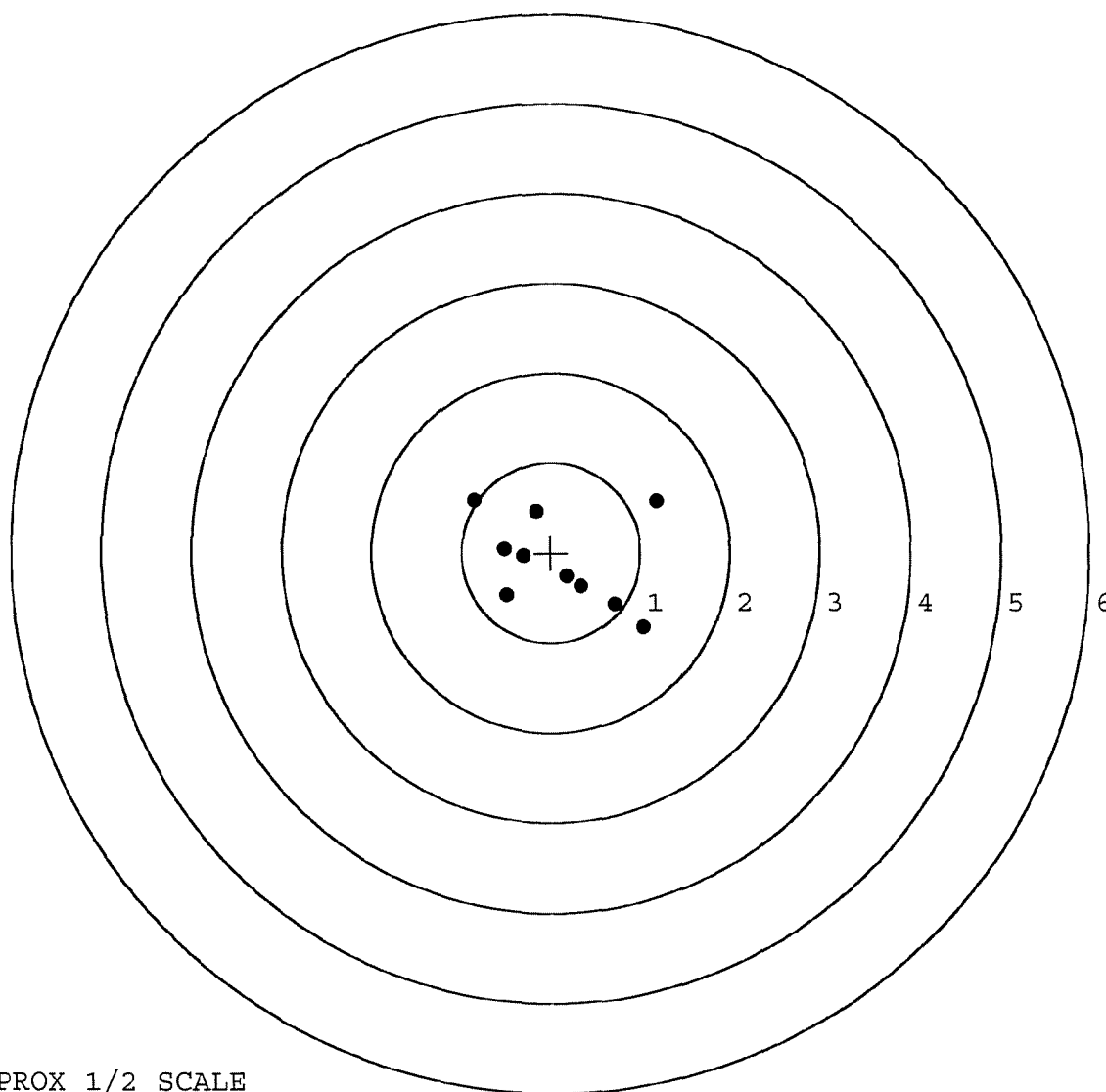
MAX RADIUS: 1.265

MEAN RADIUS: 0.735

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594592. 0

TARGET NUMBER: 2

FILE DATE: 09/10/2007

FILE TIME: 05:18

POINT#	X	Y
1:	-1.253	-0.117
2:	-0.867	-0.375
3:	-0.712	-0.213
4:	-0.857	0.314
5:	0.313	-0.167
6:	0.391	0.267
7:	0.857	0.449
8:	1.282	0.375
9:	1.173	-0.139
10:	-1.245	-0.208

X CENTROID: -0.092

Y CENTROID: 0.019

POA TO CENTROID: 0.094

HORZ SPREAD: 2.535

VERT SPREAD: 0.824

GROUP SPREAD: 2.593

MIN RADIUS: 0.445

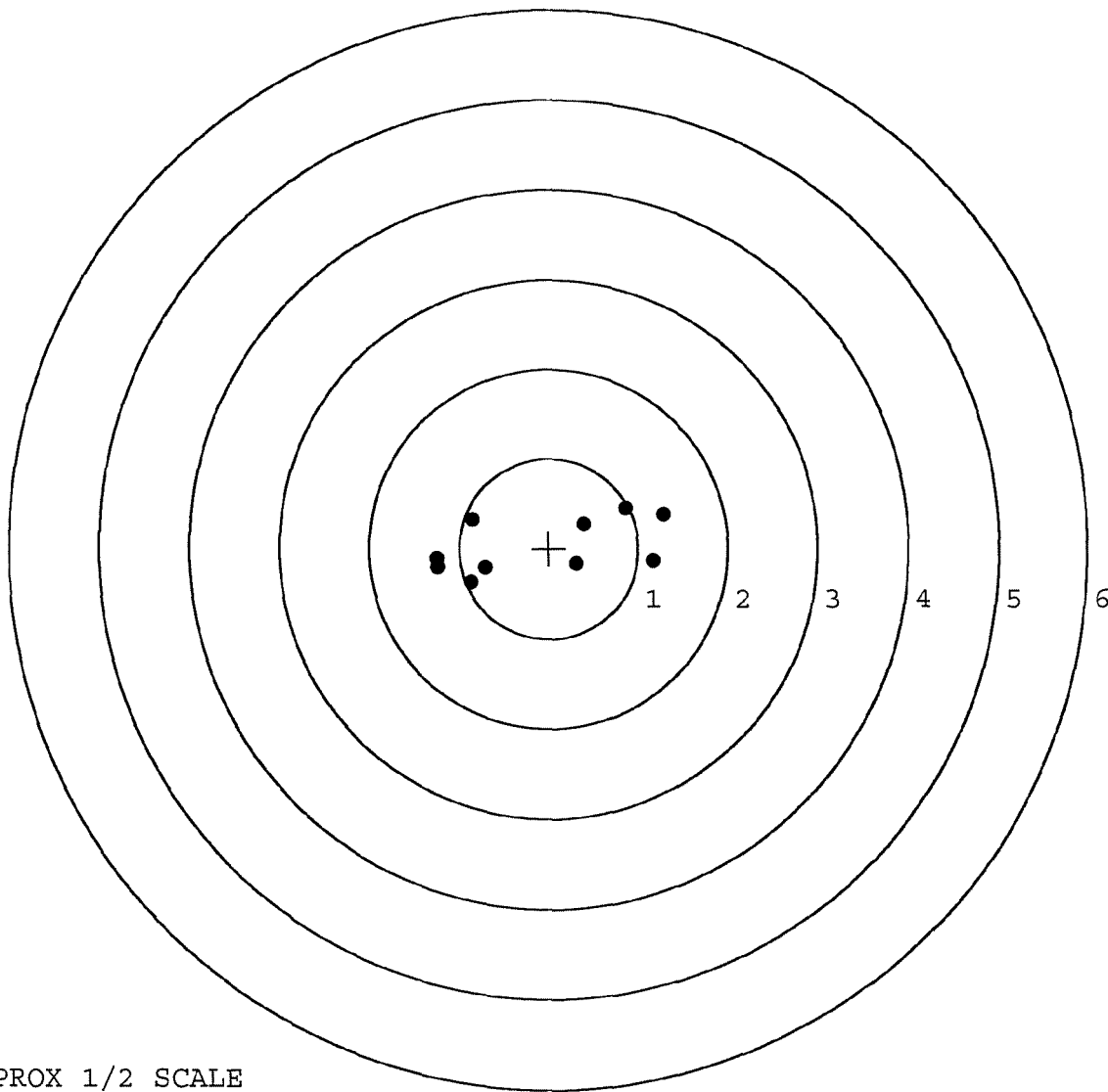
MAX RADIUS: 1.419

MEAN RADIUS: 0.942

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594592. __0

TARGET NUMBER: 3

FILE DATE: 09/10/2007

FILE TIME: 05:18

POINT#	X	Y
1:	-0.137	1.060
2:	0.093	0.301
3:	-0.119	0.426
4:	-0.235	-0.342
5:	-0.211	-0.090
6:	-0.427	0.170
7:	1.153	-0.156
8:	0.592	-0.110
9:	0.323	-0.306
10:	0.386	-1.591

X CENTROID: 0.142

Y CENTROID: -0.064

POA TO CENTROID: 0.155

HORZ SPREAD: 1.580

VERT SPREAD: 2.651

GROUP SPREAD: 2.702

MIN RADIUS: 0.302

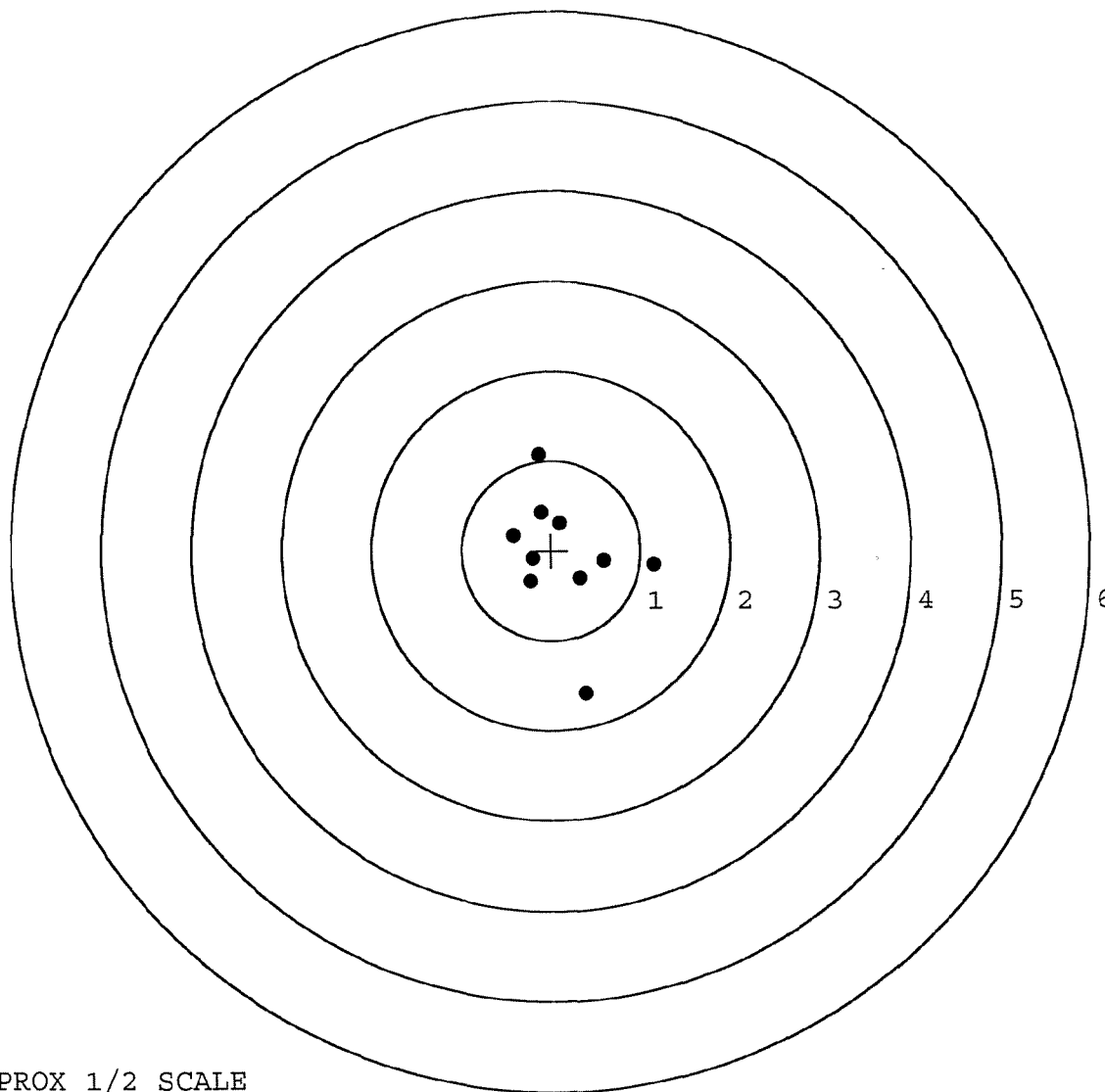
MAX RADIUS: 1.547

MEAN RADIUS: 0.683

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594592. __0

TARGET NUMBER: 4

FILE DATE: 09/10/2007

FILE TIME: 05:18

POINT#	X	Y
1:	0.997	-0.180
2:	0.600	-0.195
3:	0.424	-0.601
4:	-0.581	-0.776
5:	-0.477	-0.420
6:	0.230	0.134
7:	-0.320	0.220
8:	-0.177	0.708
9:	-0.640	0.975
10:	-0.528	-0.318

X CENTROID: -0.047

Y CENTROID: -0.045

POA TO CENTROID: 0.065

HORZ SPREAD: 1.637

VERT SPREAD: 1.751

GROUP SPREAD: 2.003

MIN RADIUS: 0.330

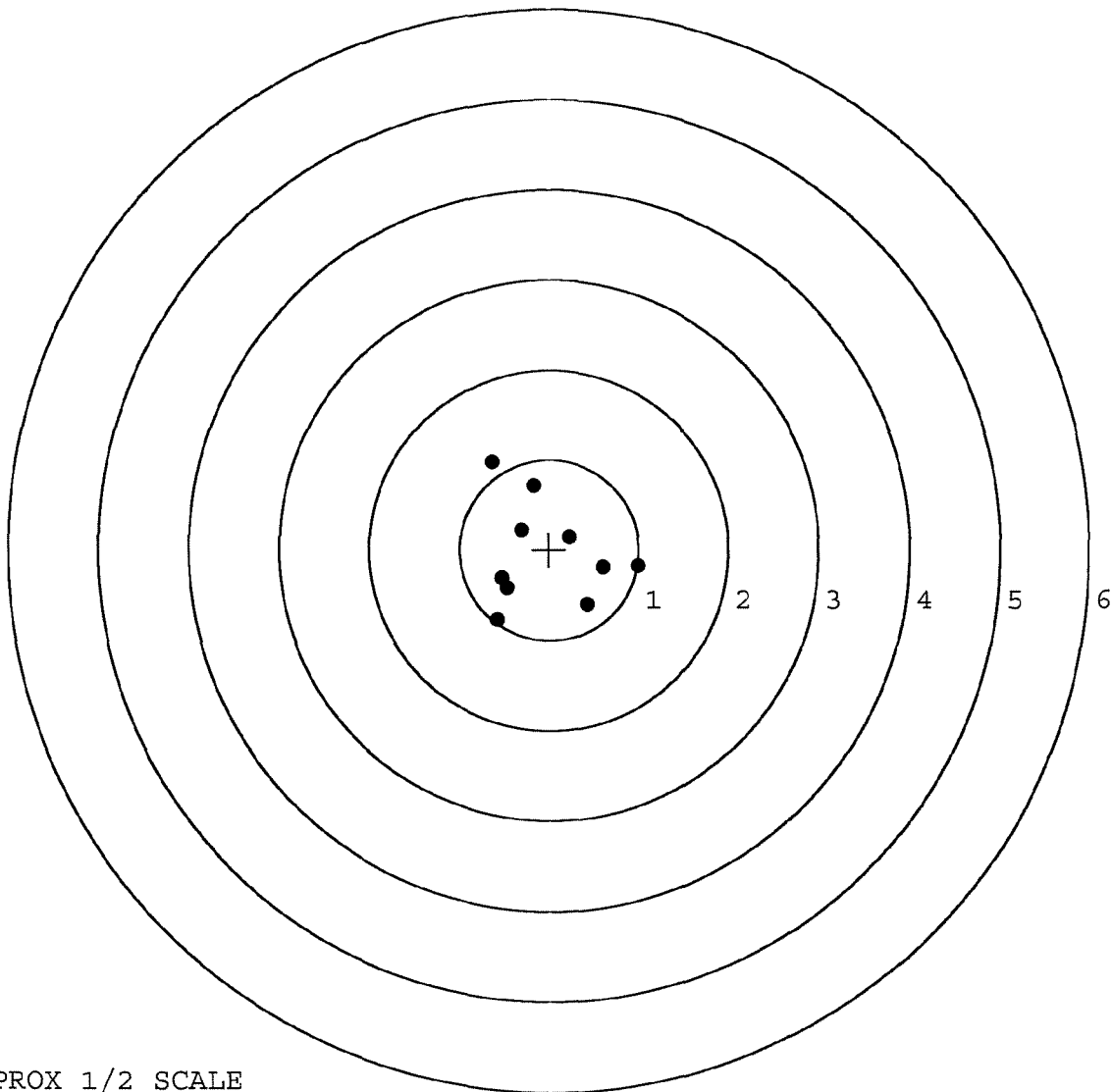
MAX RADIUS: 1.180

MEAN RADIUS: 0.713

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594592. 0

TARGET NUMBER: 5

FILE DATE: 09/10/2007

FILE TIME: 05:18

POINT#	X	Y
1:	-0.079	0.946
2:	0.198	0.644
3:	-1.024	-0.002
4:	0.154	-0.910
5:	0.323	-0.455
6:	0.257	-0.153
7:	-0.098	-0.392
8:	-0.362	-0.006
9:	-0.155	0.043
10:	0.106	0.203

X CENTROID: -0.068

Y CENTROID: -0.008

POA TO CENTROID: 0.068

HORZ SPREAD: 1.347

VERT SPREAD: 1.856

GROUP SPREAD: 1.487

MIN RADIUS: 0.101

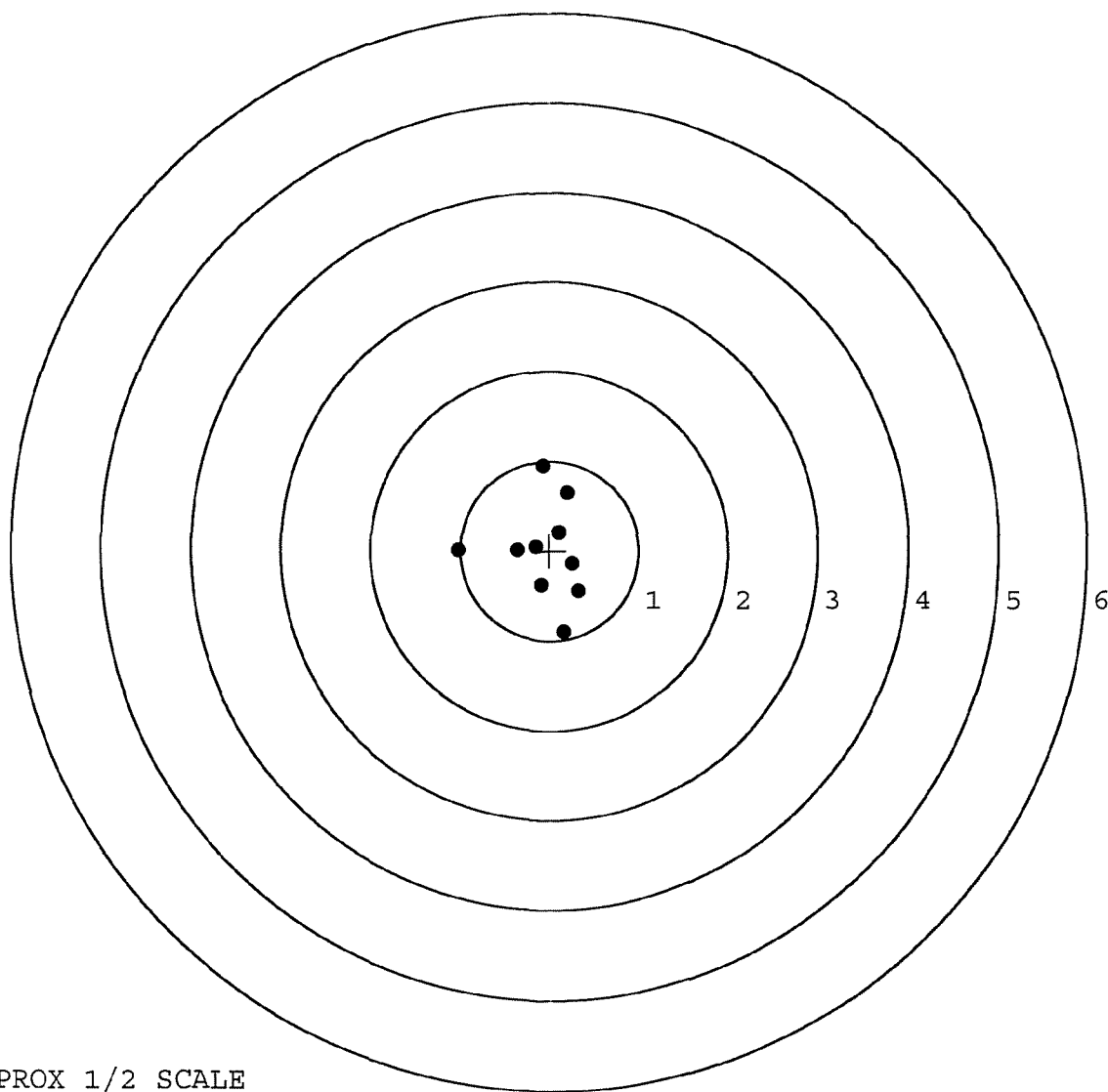
MAX RADIUS: 0.956

MEAN RADIUS: 0.555

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

R & E NUMBER

131401

SERIAL NUMBER

C6594592

LOG-IN DATE

7-17-07

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	8-4-07	RTZ
505	RE-BARREL	8-15-07	RTZ
560	ASSEMBLE	8-20-07	RTZ
600	PROOF	8-23-07	non
605	CHECK HEADSPACE	8-23-07	non
610	DIS-ASSEMBLE GUN	8-25-07	RTZ
612	MAGNAFLUX	8-30-07	JD
510	DRILL AND TAP	8-27-07	TRW
615	ROLLMARK CALIBER	8-28-07	CW
618	ROTO-BLAST	8-30-07	W
620	APPLY COATINGS	8/31/07	RB
625	FINAL ASSEMBLY	9-7-07	RTZ
640	FUNCTION TEST AND	9-8-07	TRW
650	TARGET	9-8-07	TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	9-12-07	DA
	A) HEADSPACE	PASS FAIL	9-12-07 DA
	B) TRIGGER PULL	299 298 299 302 301 9-10-07	DA
680	F) SAFETY ON FORCE	60 60 60 9-12-07	DA
	G) SAFETY OFF FORCE	25 25 25 9-12-07	DA
	I) FIRING PIN INDENT	1022 1022 1022 9-12-07	DA
690	PACK	9-12-07	DA

MAGNA - FLUX

AUG 30 2007

OPERATOR JB

PASS

FAIL

PASS

FAIL

N/A

PASS

FAIL

+/- .5 LBS
MIN 2.50 LBS
MAX 4.0 LBS2 LBS MIN
10 LBS MAX2 LBS
MIN

.020

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: RE00036612 Serial: C6594592 Model 700 Center Fire Caliber: 7 62 NATO SWS M24 WOG 6 of 10 Repairman: Status: Closed 11/30/01 10:20:17 AM

Verify Repair High Priority

Address Information

Customer: Received From Return To: Received From

Name: Address 1: Address 2: PO Box: City: FORT BRAGG State: NC Zip Code: 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
A007	With Studs	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1

Repair Search Refresh Close

Start | nagle | 11/30/01 | 11:12 AM | CAPS | NUM | INS | SDPL | 11:12 AM

Serial Number: **C6594592**

Model: **700**



RE00036612

R & E NUMBER	36612		
SERIAL NUMBER	C6694592		
LOG-IN DATE	11-30-01		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	12-2-01	RH
560 A	RE-BARREL	12/3/01	BWT
B	DRILL AND TAP	12/3/01	BWT
575	ASSEMBLE	12-4-01	RH
600	PROOF	12-4-01	MAGNAFLUX INSPECTED
605	CHECK HEADSPACE	12-4-01	RH
610	DIS-ASSEMBLE GUN	12-4-01	DEC 602001
612	MAGNAFLUX	OPERATOR <u>AL</u>	
615	ROLLMARK CALIBER	12-4-01	RH
618	ROTO-BLAST	12/7/01	RO
620	APPLY COATINGS	12-10-01	TA
625 A	FINAL ASSEMBLY	12-11-01	RH
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	12-12-01	RH
655	FINAL INSPECT	12-18-01	RH
660	PACK		
		SHIP DATE	
	QAR INSPECTION DATE		

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594592.___0
FILE DATE AND TIME: 12/12/2001 04:36

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.023
The Average Y Centroid of the Five Target Set:	-0.039
The Average Point of Impact of the Five Target Set:	0.045
The Average Mean Radius of the Five Target Set:	0.485
The Distance from POA to Centroid Target #1:	0.193
The Distance from Centroid Target #2 to Centroid Target #1:	0.189
The Distance from Centroid Target #3 to Centroid Target #1:	0.218
The Distance from Centroid Target #4 to Centroid Target #1:	0.183
The Distance from Centroid Target #5 to Centroid Target #1:	0.183

SERIAL NUMBER: C6594592. 0

TARGET NUMBER: 1

FILE DATE: 12/12/2001

FILE TIME: 04:36

X CENTROID: 0.105

Y CENTROID: -0.161

POA TO CENTROID: 0.193

HORZ SPREAD: 0.960

VERT SPREAD: 1.606

GROUP SPREAD: 1.633

MIN RADIUS: 0.117

MAX RADIUS: 0.924

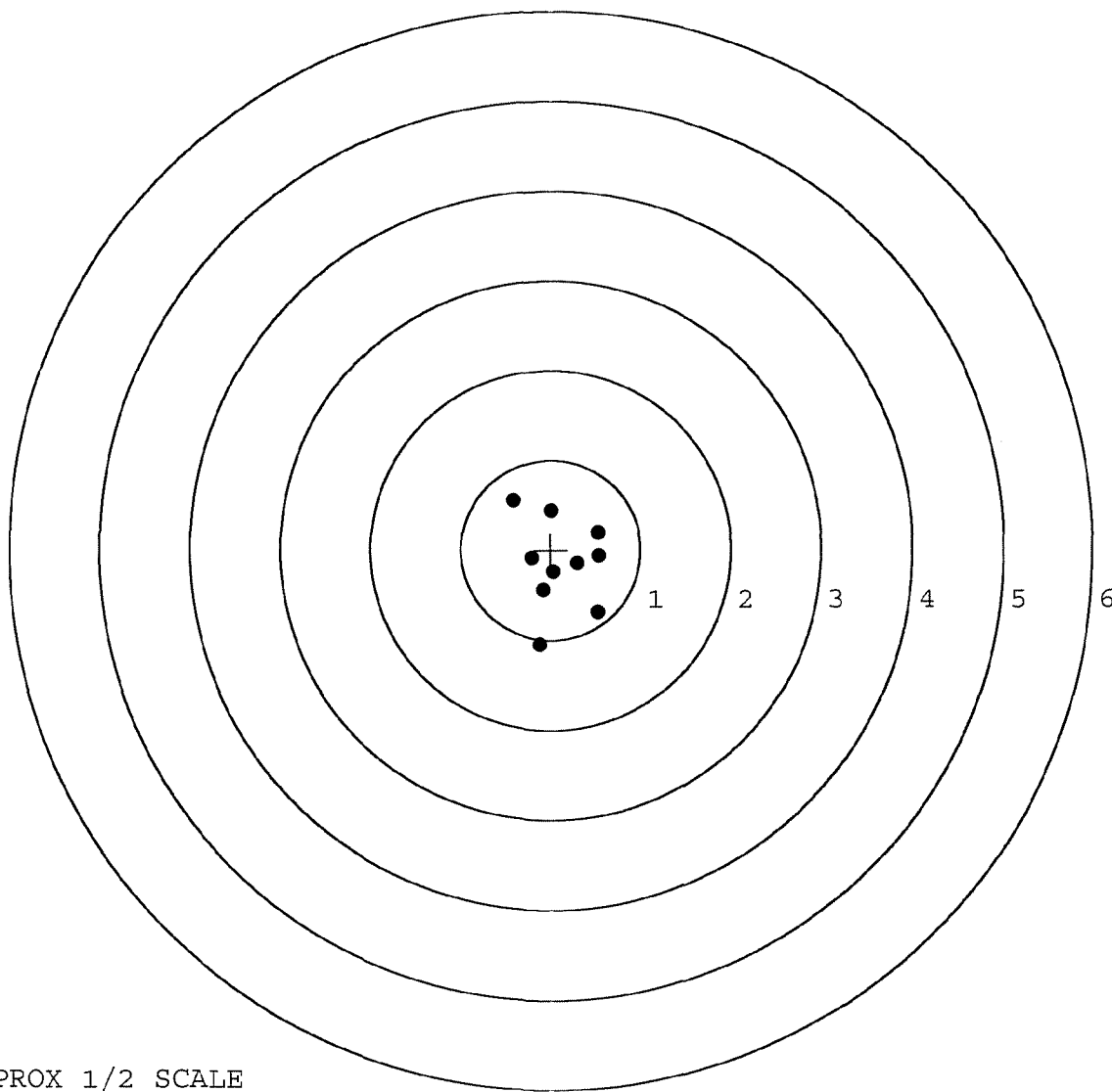
MEAN RADIUS: 0.507

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.424	0.551
2:	-0.003	0.440
3:	0.525	0.187
4:	0.536	-0.072
5:	0.526	-0.698
6:	-0.128	-1.055
7:	-0.092	-0.455
8:	-0.214	-0.099
9:	0.032	-0.252
10:	0.295	-0.159



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594592. __0

TARGET NUMBER: 2

FILE DATE: 12/12/2001

FILE TIME: 04:36

X CENTROID: -0.024

Y CENTROID: -0.023

POA TO CENTROID: 0.033

HORZ SPREAD: 1.259

VERT SPREAD: 1.523

GROUP SPREAD: 1.729

MIN RADIUS: 0.334

MAX RADIUS: 1.084

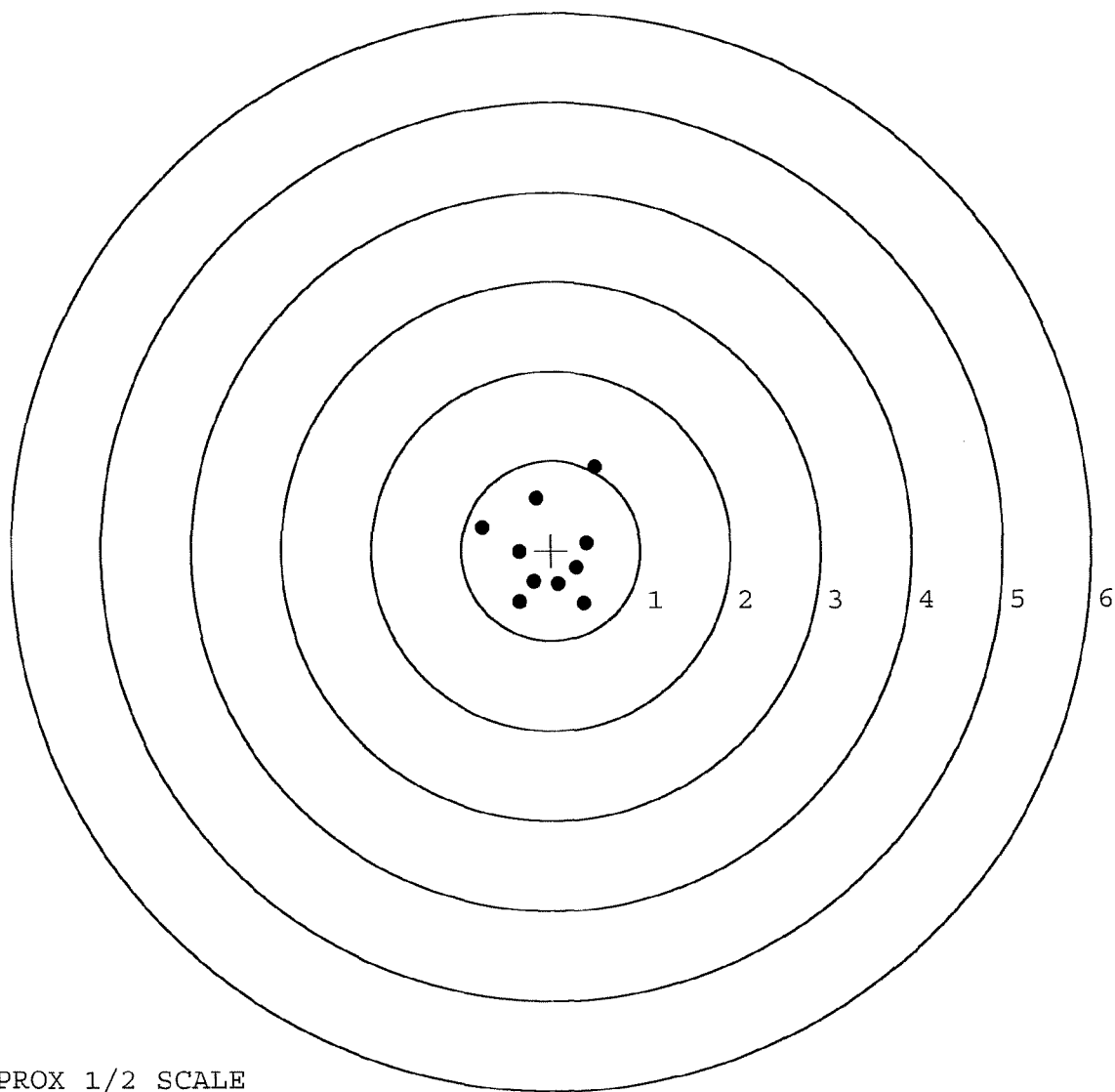
MEAN RADIUS: 0.570

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.491	0.932
2:	-0.170	0.585
3:	-0.768	0.265
4:	-0.357	-0.575
5:	-0.357	-0.015
6:	-0.196	-0.353
7:	0.396	0.091
8:	0.363	-0.591
9:	0.079	-0.376
10:	0.284	-0.189



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594592. __ 0

TARGET NUMBER: 3

FILE DATE: 12/12/2001

FILE TIME: 04:36

X CENTROID: 0.074

Y CENTROID: 0.055

POA TO CENTROID: 0.092

HORZ SPREAD: 0.879

VERT SPREAD: 1.651

GROUP SPREAD: 1.729

MIN RADIUS: 0.211

MAX RADIUS: 1.020

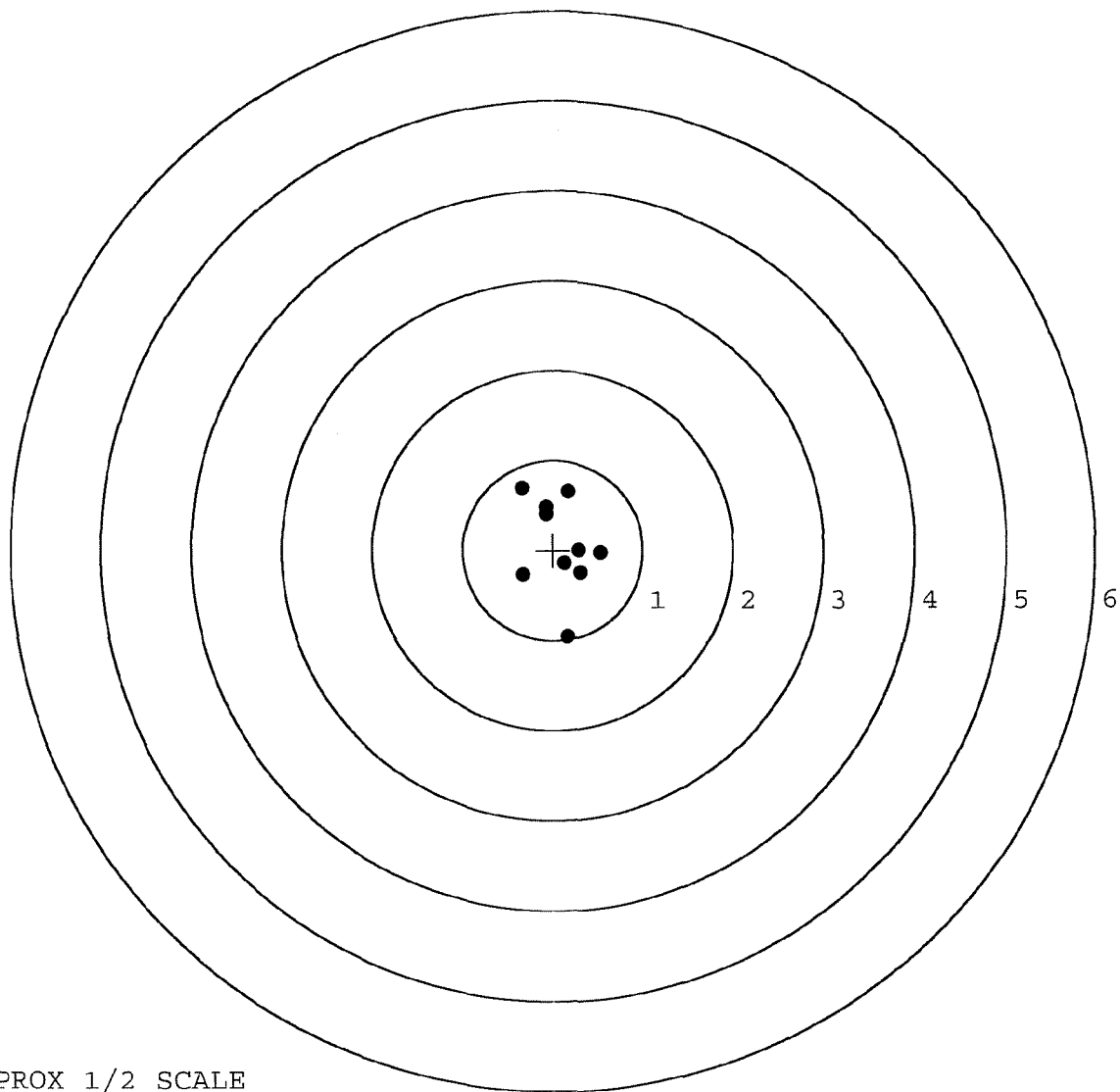
MEAN RADIUS: 0.503

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.164	-0.961
2:	-0.339	-0.277
3:	-0.348	0.690
4:	0.169	0.650
5:	-0.086	0.475
6:	0.531	-0.031
7:	0.293	0.004
8:	0.310	-0.250
9:	0.128	-0.149
10:	-0.084	0.399



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594592. 0

TARGET NUMBER: 4

FILE DATE: 12/12/2001

FILE TIME: 04:36

X CENTROID: 0.007

Y CENTROID: -0.007

POA TO CENTROID: 0.010

HORZ SPREAD: 0.720

VERT SPREAD: 1.172

GROUP SPREAD: 1.172

MIN RADIUS: 0.036

MAX RADIUS: 0.631

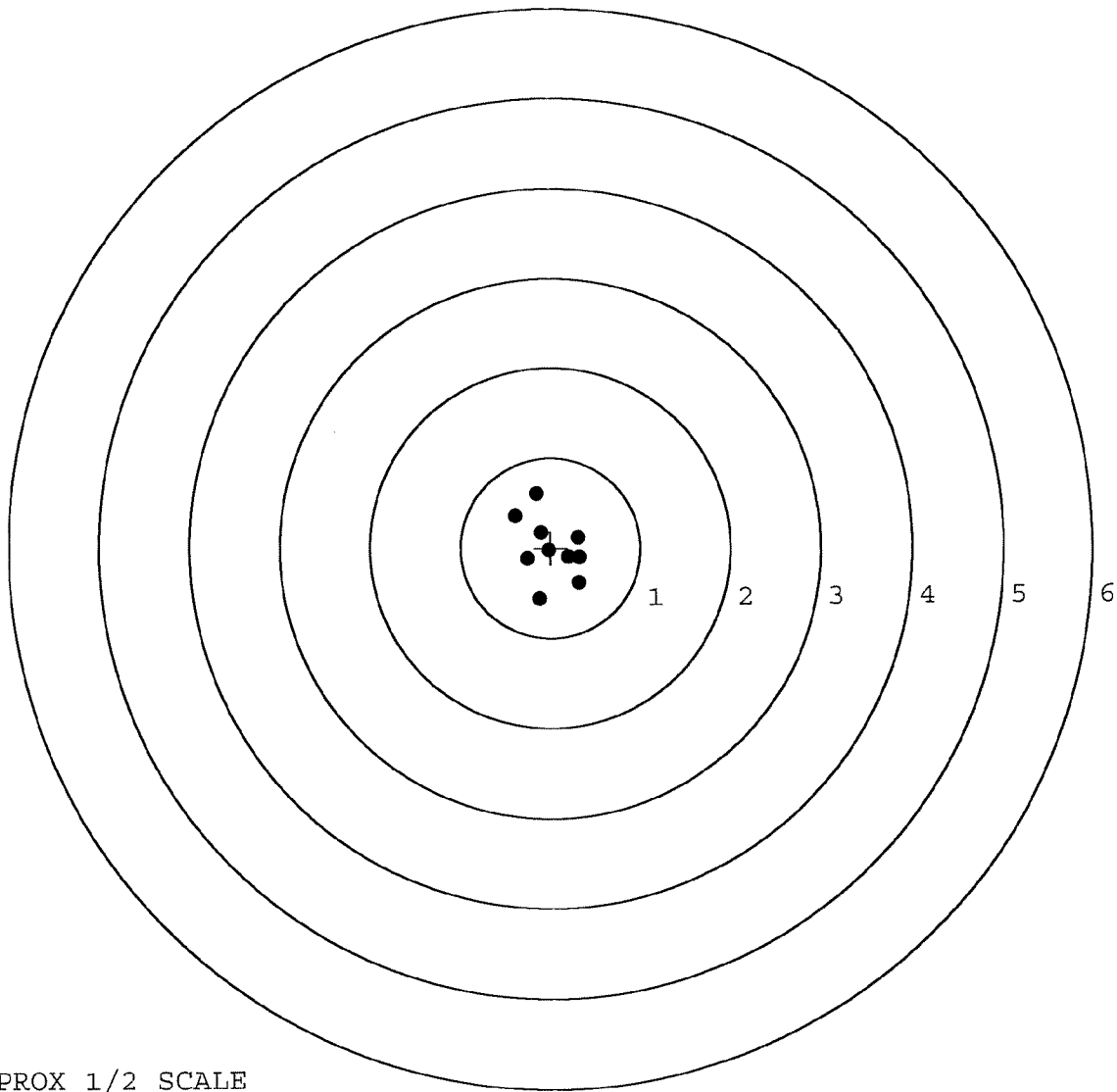
MEAN RADIUS: 0.366

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.154	0.603
2:	-0.397	0.356
3:	-0.130	-0.569
4:	-0.263	-0.126
5:	0.318	-0.387
6:	0.323	-0.109
7:	0.308	0.118
8:	-0.113	0.172
9:	-0.022	-0.028
10:	0.199	-0.101



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594592. __0

TARGET NUMBER: 5

FILE DATE: 12/12/2001

FILE TIME: 04:36

POINT#	X	Y
1:	-0.530	0.356
2:	0.077	0.561
3:	0.621	-0.163
4:	0.364	0.294
5:	0.033	-0.820
6:	-0.486	-0.686
7:	-0.152	-0.228
8:	-0.397	0.035
9:	-0.059	-0.024
10:	0.066	0.085

X CENTROID: -0.046

Y CENTROID: -0.059

POA TO CENTROID: 0.075

HORZ SPREAD: 1.151

VERT SPREAD: 1.381

GROUP SPREAD: 1.368

MIN RADIUS: 0.037

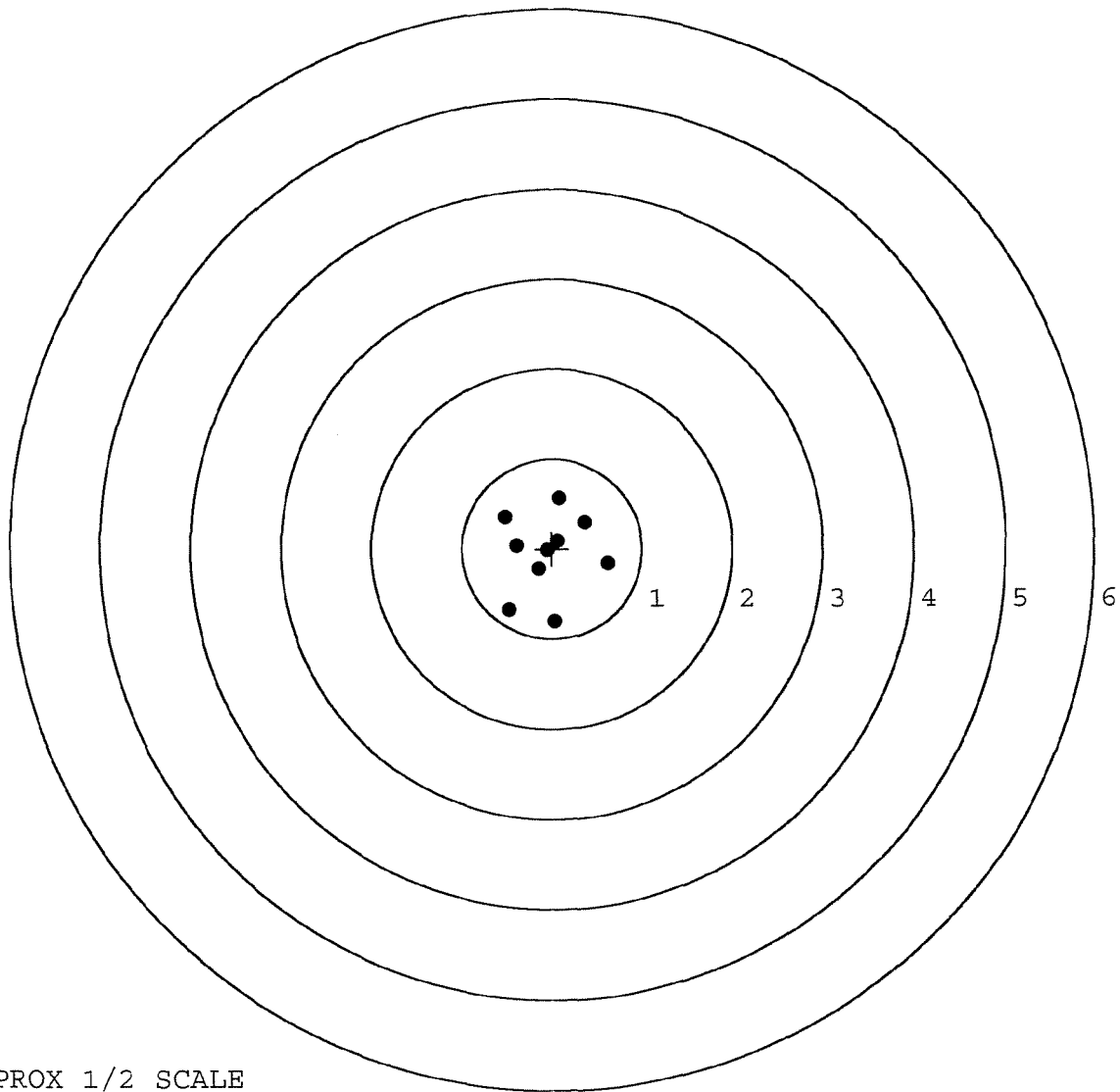
MAX RADIUS: 0.766

MEAN RADIUS: 0.480

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6594592

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1 16	91	RW
600	Proof	1 16	91	RW
607	Check Headspace	1 16	91	RW
610	Dis-assemble Gun	1 13	91	RW
612	Magnaflux Barrel Action	1 18	91	KR
	Magnaflux Bolt	1 13	91	KR
615	Rollmark Caliber	1 13	91	LS
617	Drill and Tap Sight Holes	1 24	91	LB
618	Polish Barrel	1 24	91	WB
620	Apply Coatings (Barrel Action)		2-15-91	PA
	Apply Coating (Bolt)			PA
625	Final Assembly			
	A) Clean inside of Bolt Assembly		2/18/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/18/91	RW
	C) Inspect Ejector Hole for Chamfer		2/18/91	RW
	D) Oil Firing Pin Ass'y		2/18/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		3-1-91	PA

op. #	BARBER M24 0019945	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			3/1/91	WB
	G) Safety Off Force	2 1/4	2 1/4	2 1/4			3/1/91	WB
	H) Trigger Pull Test & Retainability						3-1-91	W
	I) Firing Pin Indent	.0235	.023	.023			3/1/91	WB
	J) Assemble Stock						3/4/91	RW
	K) Assemble Swivel Studs						3/5/91	WB
	L) Attach Front and Rear Sight Assemblies						3/4/91	RW
	M) Iron Sight Alignment						3/4/91	RW
	N) Detach Front & Rear Sights & place in numbered container						3/4/91	RW
	O) Attach Scope to Rifle						3/4/91	RW
	P) Detach & Attach Scope 20 Times						3/4/91	RW
640	Gallery Target & Test						3-4-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						3-4-91	NF
655	Final Inspection						3/5/91	WB
	A) Headspace							
	B) Trigger Pull	2.34	2.27	2.24	2.28	2.33	3-5-91	W
	C) Function						3/5/91	WB
660	Pack						3-5-91	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6594592

DATE 3-1-91

TESTER [Signature]

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.21	2.21	2.33	2.34	MIN. SETTING
PULL #2	2.55	2.29	2.36	2.27	NO AVG. QP 5
PULL #3	2.37	2.31	2.24	2.24	READINGS ACCEPT-
PULL #4	2.24	2.33	2.20	2.28	ABLE LESS THAN 2#
PULL #5	2.24	2.20	2.28	2.33	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES			COMMENTS
PULL #1	3.47	3.50			
PULL #2	3.12	3.37			
PULL #3	3.20	3.35			
PULL #4	3.42	3.31			
PULL #5	3.46	3.47			
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	4.23		4.31
PULL #2	4.41	4.25		4.15
PULL #3	4.39	4.24		4.29
PULL #4	4.36	4.34		4.34
PULL #5	4.21	4.18		4.49
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594592
5 Mar 1991

CENTROIDAL DISTANCES

0 TO	1	.0752396
1 TO	2	.0465296
1 TO	3	.0402244
1 TO	4	.131183
1 TO	5	.160066

9 <----POA

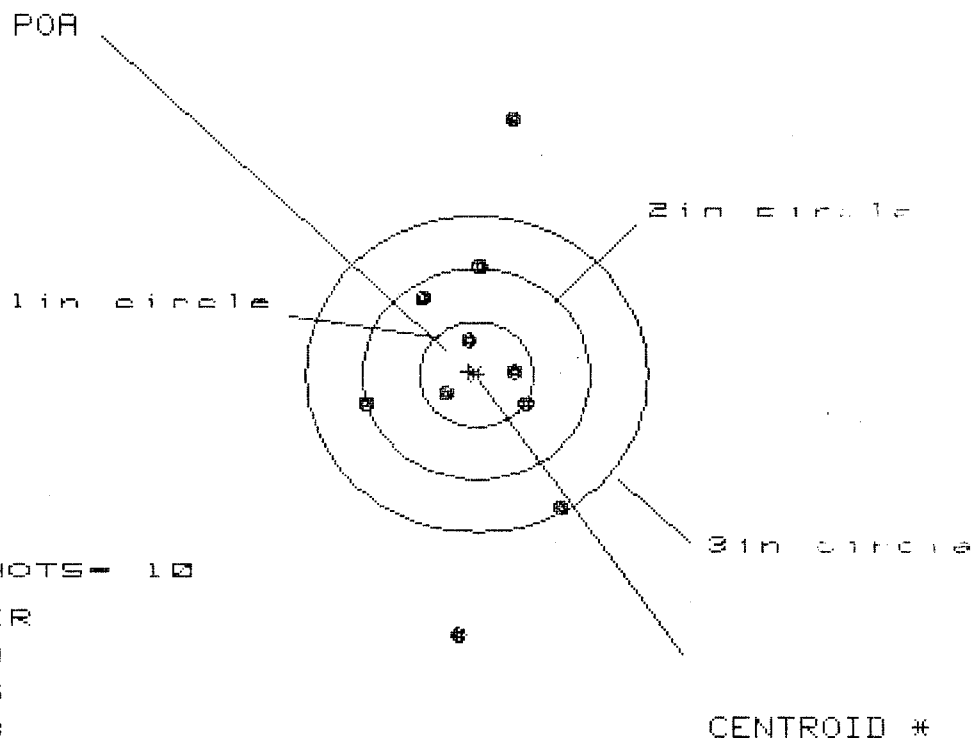
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0218
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.049
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0536386

THE AMR FOR THIS RIFLE IS: 1.007

5 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06594592

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1in = 3

2in = 6

3in = 8

HS= 1.656

VS= 4.940

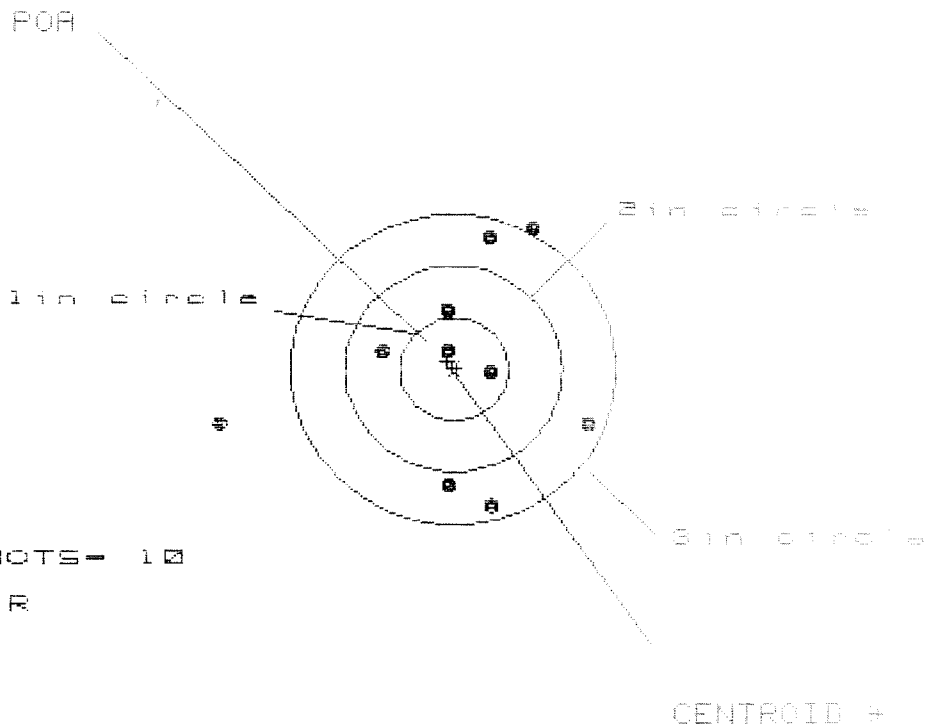
GS= 4.962

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.709	.745	.730
MINIMUM X	-.947	-.911	-.926
MAXIMUM Y	2.475	1.291	1.017
MINIMUM Y	-2.465	-2.190	-1.283
CENTROID X	.069	.033	.048
CENTROID Y	-.030	-.305	-.031
POA TO CENTROID in.	.075	.306	.057
MIN RADIUS	.292	.292	.289
MEAN RADIUS	1.077	.946	.726
MAX RADIUS	2.495	2.194	1.476
HORIZONTAL SPREAD	1.656	1.656	1.656
VERTICAL SPREAD	4.940	3.481	2.300
EXTREME SPREAD	4.962	3.486	2.396
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

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CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS = 3.394

VS = 2.779

GS = 3.530

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.212	.970	1.037
MINIMUM X	:	-2.182	-.926	-.859
MAXIMUM Y	:	1.419	1.363	1.380
MINIMUM Y	:	-1.360	-1.416	-1.245
CENTROID X	:	.062	.304	.237
CENTROID Y	:	-.076	-.020	-.191
POA TO CENTROID in.	:	.098	.305	.304
MIN RADIUS	:	.172	.153	.182
MEAN RADIUS	:	1.083	.938	.872
MAX RADIUS	:	2.239	1.465	1.393
HORIZONTAL SPREAD	:	3.394	1.896	1.896
VERTICAL SPREAD	:	2.779	2.779	2.625
EXTREME SPREAD	:	3.530	2.813	2.625
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 10

HS= 2.013

VS= 2.274

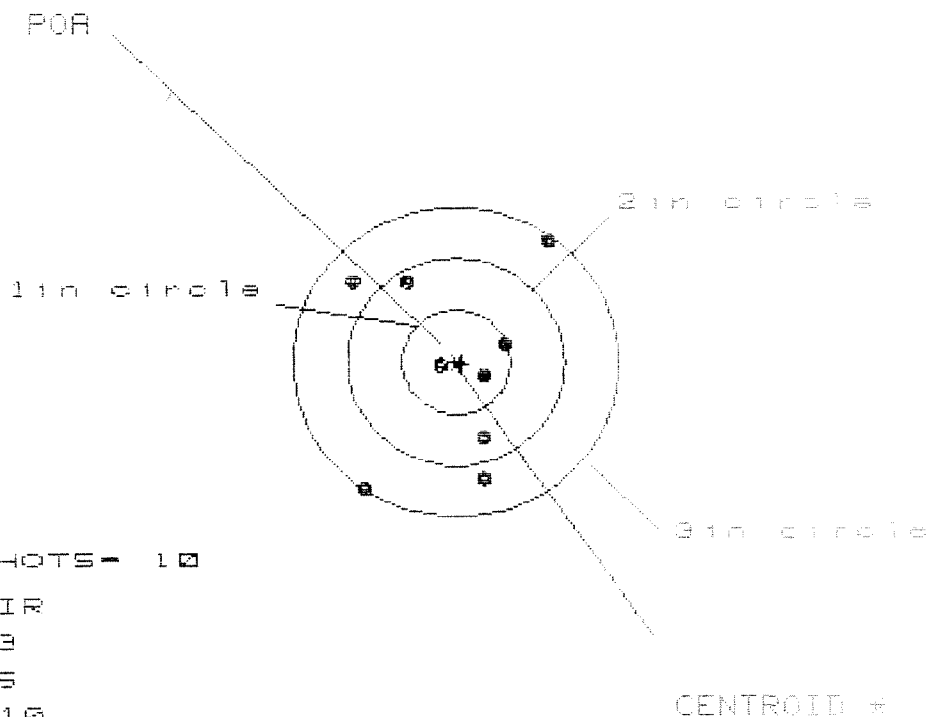
GS= 2.311

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.005	.778	.666
MINIMUM X	:	-1.008	-.896	-.560
MAXIMUM Y	:	1.149	1.228	1.325
MINIMUM Y	:	-1.125	-1.046	-.949
CENTROID X	:	.046	-.066	.046
CENTROID Y	:	.003	-.076	-.173
POA TO CENTROID in.	:	.046	.100	.179
MIN RADIUS	:	.477	.341	.403
MEAN RADIUS	:	.936	.688	.822
MAX RADIUS	:	1.229	1.228	1.333
HORIZONTAL SPREAD	:	2.013	1.674	1.226
VERTICAL SPREAD	:	2.274	2.274	2.274
EXTREME SPREAD	:	2.311	2.289	2.289
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1in = 3

2in = 6

3in = 10

HS = 1.783

VS = 2.392

GS = 2.944

CENTROID #

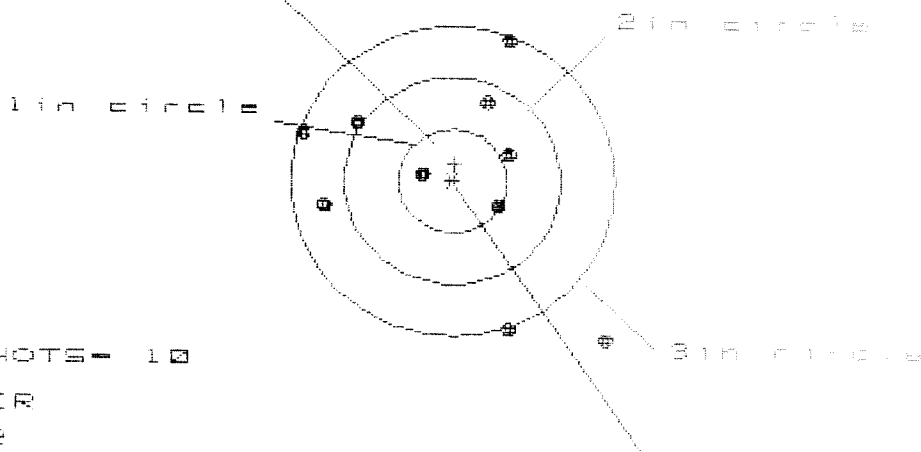
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.829	.730	.454
MINIMUM X	:	-.954	-1.053	-.962
MAXIMUM Y	:	1.209	1.078	.757
MINIMUM Y	:	-1.183	-1.246	-1.112
CENTROID X	:	-.051	.048	-.043
CENTROID Y	:	.023	.154	.019
POR TO CENTROID in.	:	.056	.162	.047
MIN RADIUS	:	.201	.268	.208
MEAN RADIUS	:	.839	.754	.680
MAX RADIUS	:	1.479	1.302	1.224
HORIZONTAL SPREAD	:	1.783	1.783	1.416
VERTICAL SPREAD	:	2.392	2.324	1.868
EXTREME SPREAD	:	2.944	2.401	2.208
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 5

FOR



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS = 2.889

VS = 2.825

GS = 3.478

CENTROID =

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.465
MINIMUM X	-1.424
MAXIMUM Y	1.325
MINIMUM Y	-1.500
CENTROID X	-0.017
CENTROID Y	-0.165
FOR TO CENTROID in.	0.166
MIN RADIUS	0.310
MEAN RADIUS	1.098
MAX RADIUS	2.096
HORIZONTAL SPREAD	2.889
VERTICAL SPREAD	2.825
EXTREME SPREAD	3.478
NUMBER IN ONE INCH CIRCLE	2
NUMBER IN TWO INCH CIRCLE	4
NUMBER IN THREE INCH CIRCLE	8