

C6611638

MODEL 700™ M24

Model **545**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Smead

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: RE00131399

Serial: C6611638 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

Closed 7/17/2007 7:48:45 AM

Verify Repair

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	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

7/17/2007

8:14 AM

CAPS

NUM

INS

SCRL



8:14 AM

Serial Number: C6611638

Model: M24 SWS



RE00131399

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

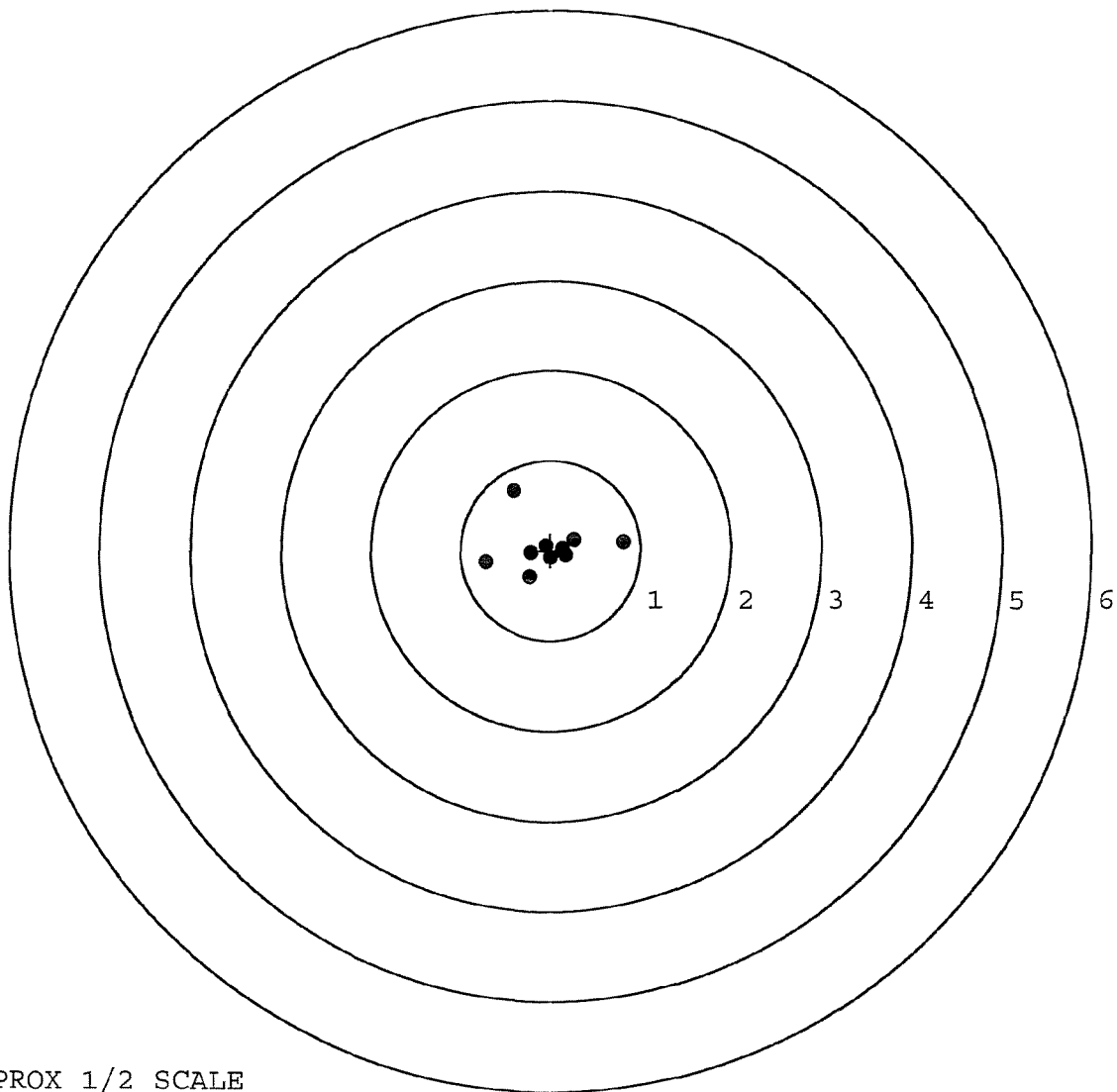
FIREARM SERIAL NUMBER / DATASET NAME: C6611638.___0
FILE DATE AND TIME: 09/07/2007 12:32

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.054
The Average Y Centroid of the Five Target Set:	0.002
The Average Point of Impact of the Five Target Set:	0.054
The Average Mean Radius of the Five Target Set:	0.724
The Distance from POA to Centroid Target #1:	0.042
The Distance from Centroid Target #2 to Centroid Target #1:	0.194
The Distance from Centroid Target #3 to Centroid Target #1:	0.144
The Distance from Centroid Target #4 to Centroid Target #1:	0.201
The Distance from Centroid Target #5 to Centroid Target #1:	0.216

BARBER - M24 0079971

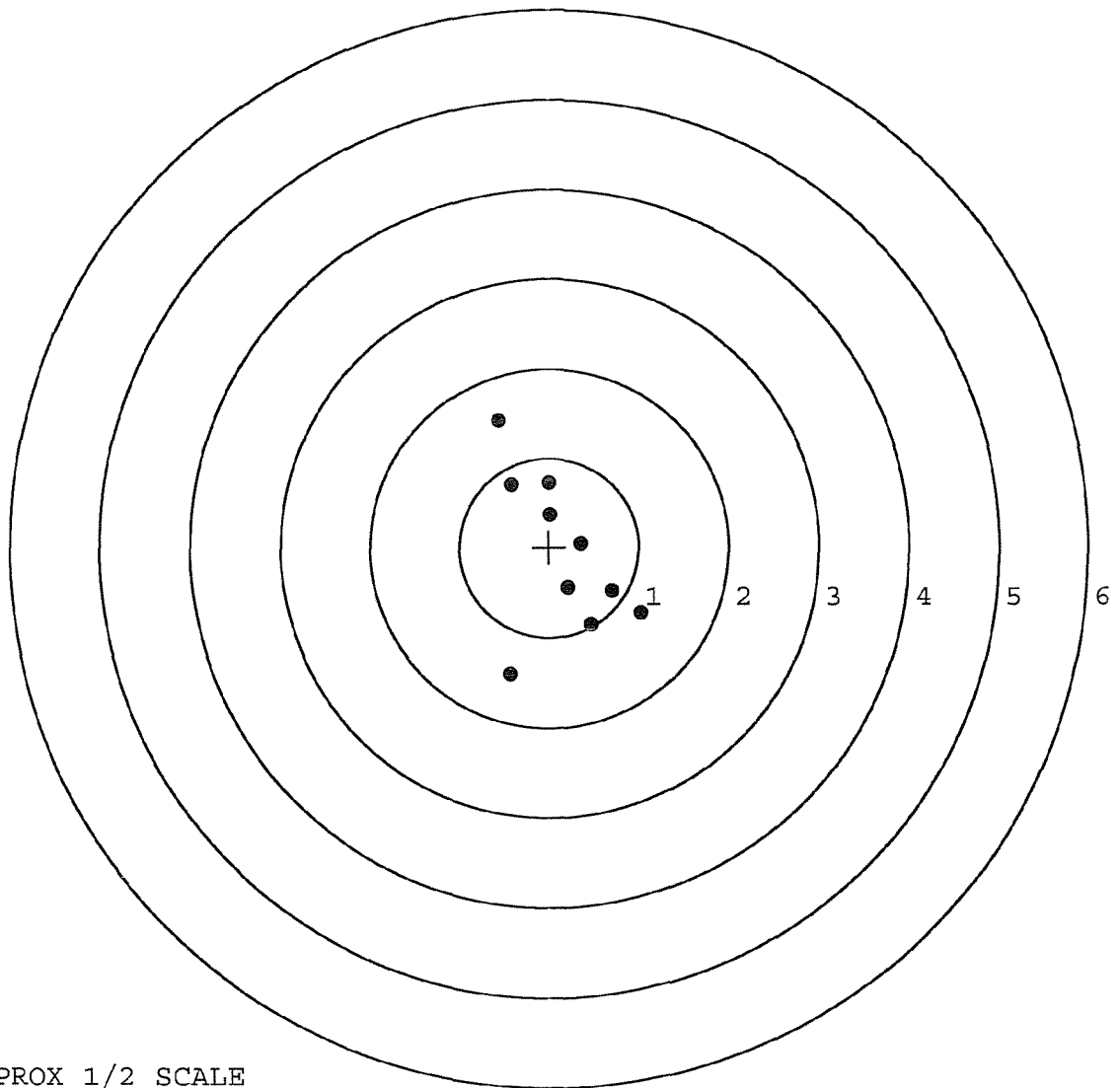
SERIAL NUMBER: C6611638. __0	POINT#	X	Y
TARGET NUMBER: 1	1:	-0.408	0.660
FILE DATE: 09/07/2007	2:	-0.715	-0.137
FILE TIME: 12:32	3:	-0.229	-0.299
	4:	-0.224	-0.033
X CENTROID: -0.027	5:	-0.060	0.048
Y CENTROID: 0.032	6:	0.260	0.119
POA TO CENTROID: 0.042	7:	0.167	-0.055
HORZ SPREAD: 1.523	8:	-0.004	-0.084
VERT SPREAD: 0.959	9:	0.808	0.088
GROUP SPREAD: 1.540	10:	0.137	0.015
MIN RADIUS: 0.037			
MAX RADIUS: 0.837			
MEAN RADIUS: 0.371			
# IN 1 IN DIAMETER: 7			
# IN 2 IN DIAMETER: 10			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE

BARBER - M24 0079972

SERIAL NUMBER: C6611638. __0	POINT#	X	Y
TARGET NUMBER: 2	1:	-0.563	1.426
FILE DATE: 09/07/2007	2:	-0.414	0.702
FILE TIME: 12:32	3:	0.010	0.722
	4:	0.014	0.362
X CENTROID: 0.139	5:	0.356	0.045
Y CENTROID: -0.068	6:	0.705	-0.489
POA TO CENTROID: 0.155	7:	0.218	-0.447
HORZ SPREAD: 1.583	8:	1.020	-0.736
VERT SPREAD: 2.833	9:	0.472	-0.863
GROUP SPREAD: 2.836	10:	-0.431	-1.407
MIN RADIUS: 0.245			
MAX RADIUS: 1.651			
MEAN RADIUS: 0.861			
# IN 1 IN DIAMETER: 3			
# IN 2 IN DIAMETER: 7			
# in 3 IN DIAMETER: 9			



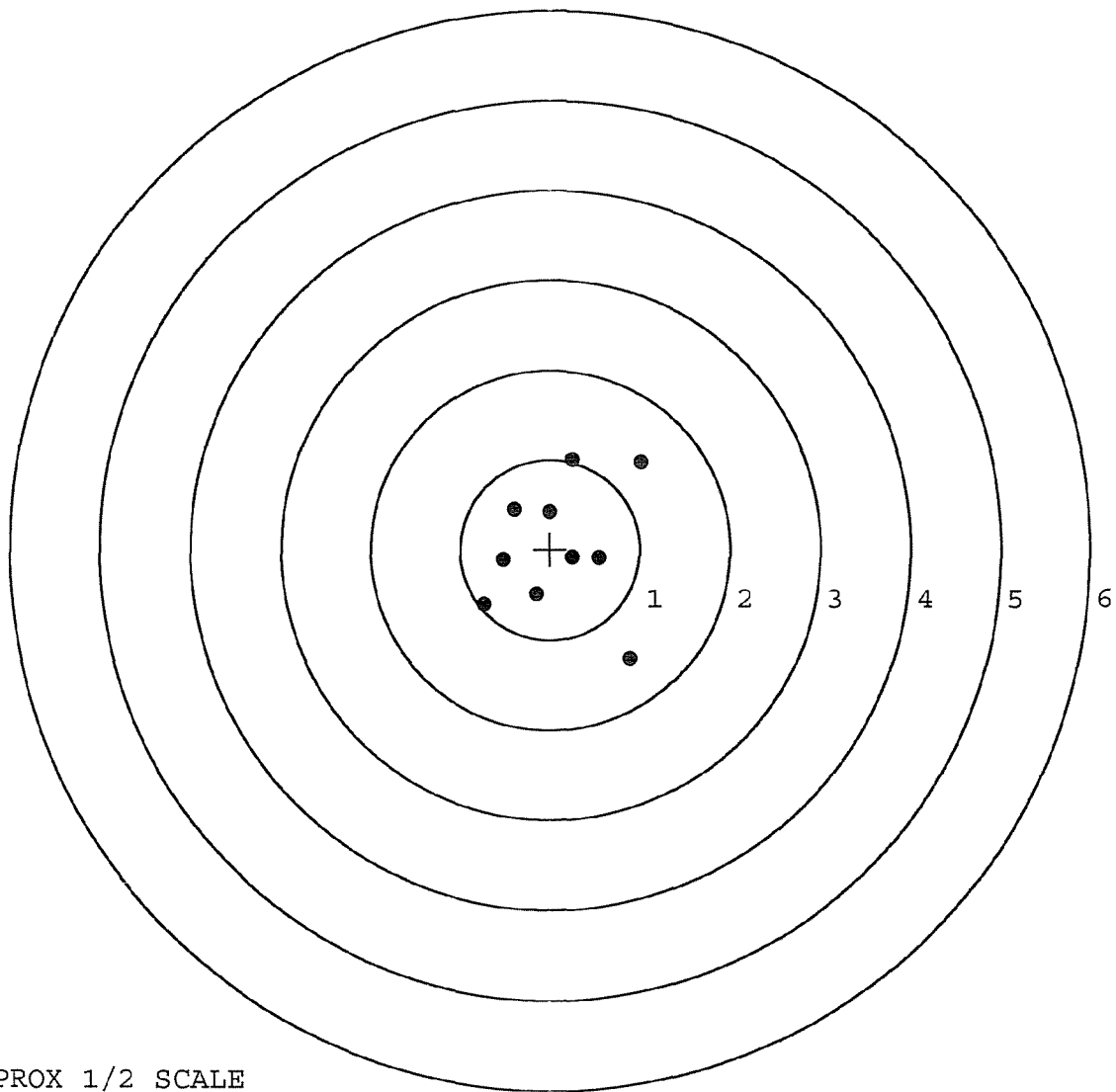
TARGET APPROX 1/2 SCALE

BARBER - M24 0079973

SERIAL NUMBER: C6611638. 0
 TARGET NUMBER: 3
 FILE DATE: 09/07/2007
 FILE TIME: 12:32

POINT#	X	Y
1:	0.259	1.000
2:	1.016	0.970
3:	-0.003	0.419
4:	-0.398	0.443
5:	-0.518	-0.117
6:	-0.738	-0.611
7:	-0.147	-0.503
8:	0.256	-0.091
9:	0.550	-0.096
10:	0.892	-1.215

X CENTROID: 0.117
 Y CENTROID: 0.020
 POA TO CENTROID: 0.119
 HORZ SPREAD: 1.754
 VERT SPREAD: 2.215
 GROUP SPREAD: 2.304
 MIN RADIUS: 0.178
 MAX RADIUS: 1.458
 MEAN RADIUS: 0.776
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0079974

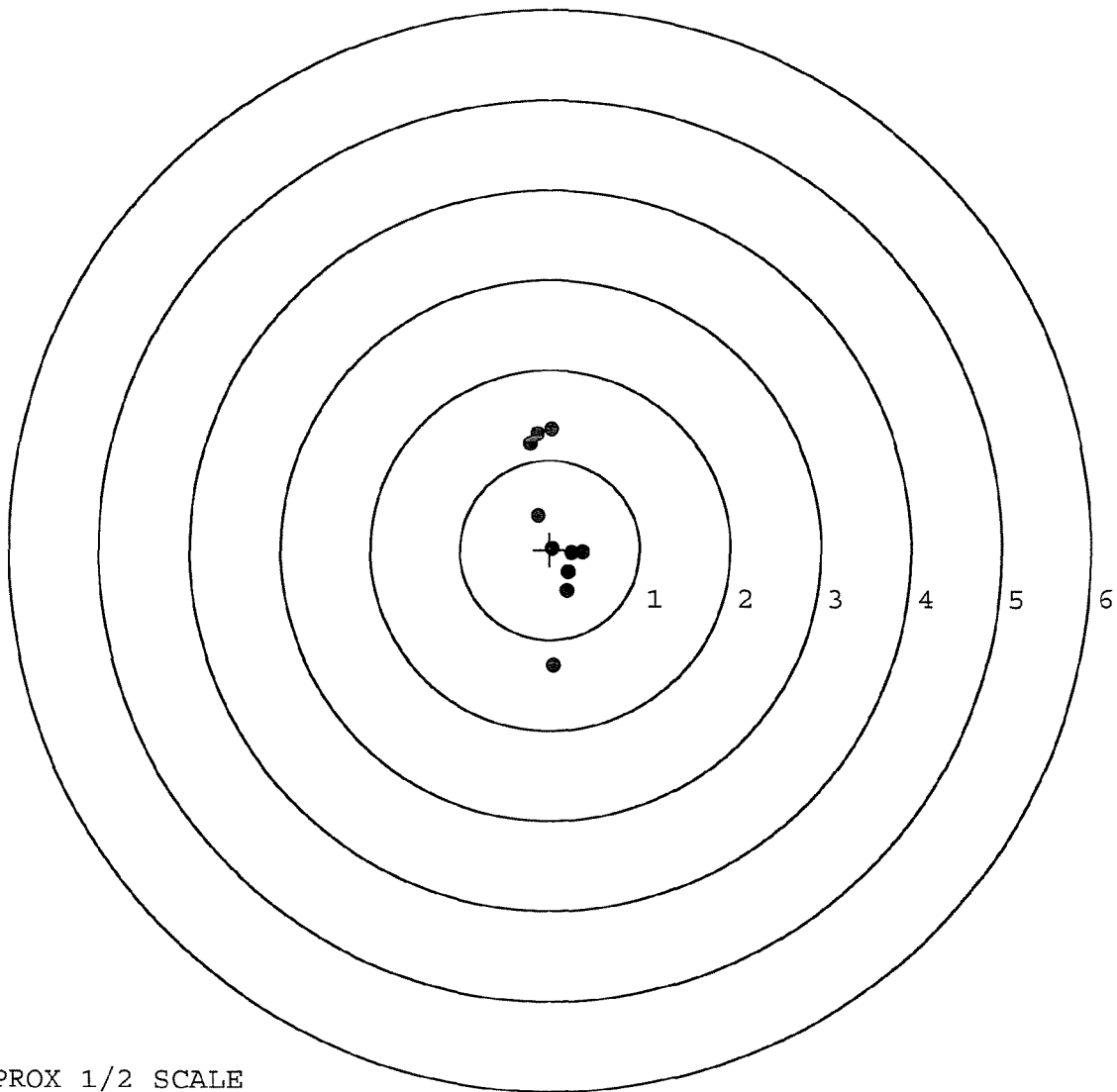
SERIAL NUMBER: C6611638. __0

TARGET NUMBER: 4

FILE DATE: 09/07/2007

FILE TIME: 12:32

	POINT#	X	Y
	1:	0.024	1.345
	2:	-0.145	1.289
	3:	-0.223	1.184
	4:	-0.127	0.380
X CENTROID:	5:	0.361	-0.034
Y CENTROID:	6:	0.032	0.010
POA TO CENTROID:	7:	0.209	-0.253
HORZ SPREAD:	8:	0.199	-0.464
VERT SPREAD:	9:	0.051	-1.290
GROUP SPREAD:	10:	0.245	-0.045
MIN RADIUS:		0.205	
MAX RADIUS:		1.502	
MEAN RADIUS:		0.708	
# IN 1 IN DIAMETER:		5	
# IN 2 IN DIAMETER:		6	
# in 3 IN DIAMETER:		9	



TARGET APPROX 1/2 SCALE

BARBER - M24 0079975

SERIAL NUMBER: C6611638. __0

TARGET NUMBER: 5

FILE DATE: 09/07/2007

FILE TIME: 12:32

POINT#	X	Y
1:	-0.741	1.427
2:	-0.414	0.883
3:	0.212	0.519
4:	1.163	-0.291
5:	0.406	-0.056
6:	0.189	-0.616
7:	-0.208	-0.557
8:	-0.047	-0.668
9:	0.174	-0.644
10:	-0.957	-1.837

X CENTROID: -0.022

Y CENTROID: -0.184

POA TO CENTROID: 0.185

HORZ SPREAD: 2.120

VERT SPREAD: 3.264

GROUP SPREAD: 3.271

MIN RADIUS: 0.417

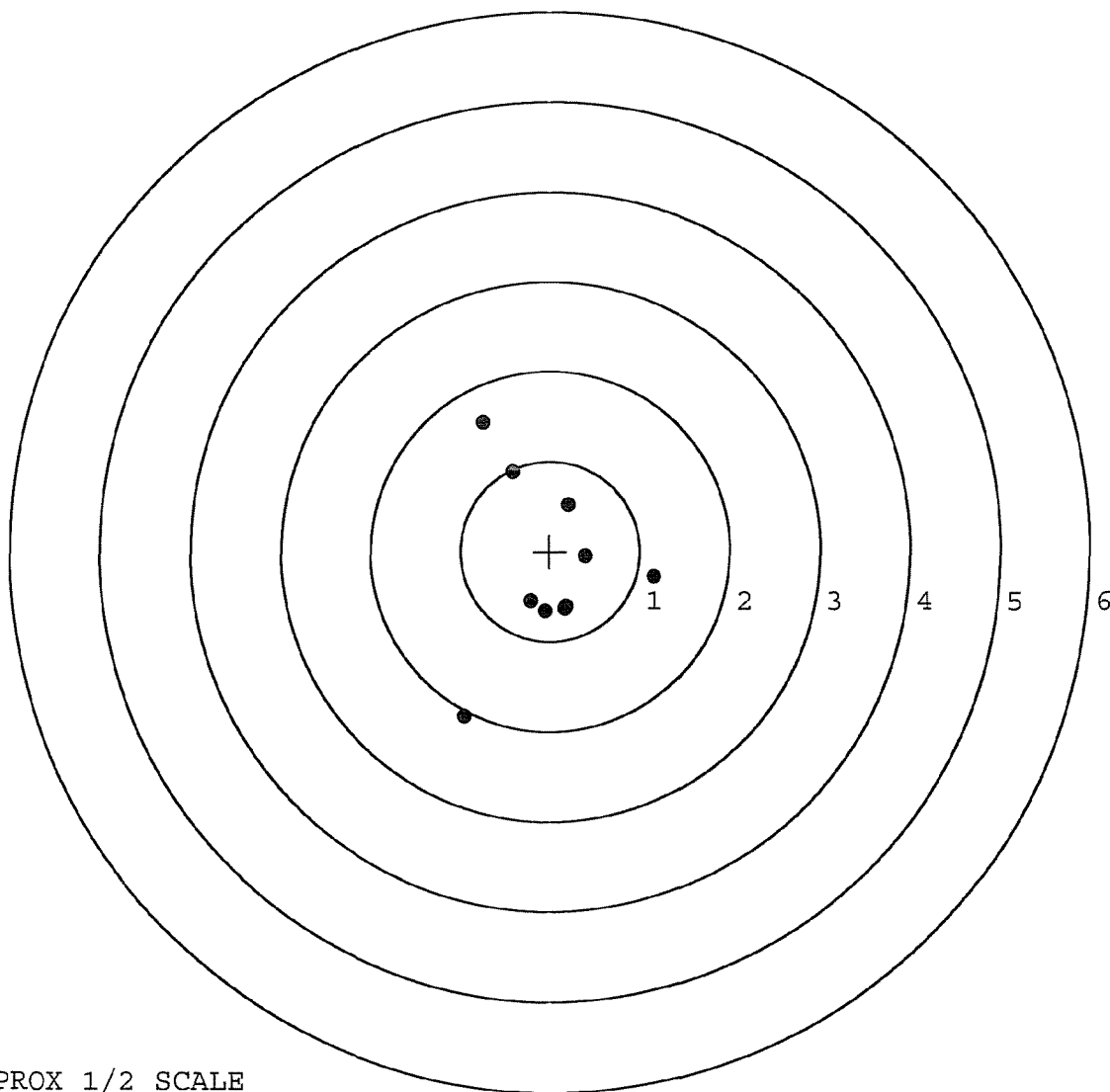
MAX RADIUS: 1.899

MEAN RADIUS: 0.906

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

R & E NUMBER 131399SERIAL NUMBER 06611638LOG-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	mm
605	CHECK HEADSPACE		8/23/07	mm
610	DIS-ASSEMBLE GUN		8/25/07	RTZ
612	MAGNAFLUX	JB	8-30-07	JB
510	DRILL AND TAP		8-27-07	TRW
615	ROLLMARK CALIBER		8-28-07	CW
618	ROTO-BLAST		8-30-07	CW
620	APPLY COATINGS		8/31/07	RB
625	FINAL ASSEMBLY		9-7-07	RTZ
640	FUNCTION TEST AND	(PASS) FAIL	9-7-07	TRW
650	TARGET	(PASS) FAIL	9-7-07	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	9-7-07	DK
670	FINAL INSPECTION		9/10/07	mm
	A) HEADSPACE	(PASS) FAIL	9/10/07	mm
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.78 2.75 2.73 2.70 2.74	9-10-07 DA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	5.0 5.0 4.75	9/10/07 mm
	G) SAFETY OFF FORCE	2 LBS FAIL	3.5 3.5 3.5	9/10/07 mm
	I) FIRING PIN INDENT	.020	.021 .021 .020	9/10/07 mm
690	PACK		9-12-07	DA

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

Repair Number: **RE00036601** Serial: C6611638 Model 700 Center Fire Caliber: 7 62 NATO SWS M24 WOG 3 of 10 Repairman: Status: Closed 11/30/01 10:19:54 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 State: NC Zip Code: 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 <table border="1"> <thead> <tr> <th>Code</th> <th>Desc</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>A007</td> <td>With Studs</td> <td>3</td> </tr> <tr> <td>A010</td> <td>Hard Case</td> <td>1</td> </tr> <tr> <td>A017</td> <td>Scope Base</td> <td>1</td> </tr> <tr> <td>A026</td> <td>Scope</td> <td>1</td> </tr> </tbody> </table>	Code	Desc	Qty	A007	With Studs	3	A010	Hard Case	1	A017	Scope Base	1	A026	Scope	1		
Code	Desc	Qty																	
A007	With Studs	3																	
A010	Hard Case	1																	
A017	Scope Base	1																	
A026	Scope	1																	

Repair Search Refresh Close

Start | I... | C... | A... | S... | P... | T... | D... | E... | S... | V... | I... | 11/30/01 | 11:10 AM | CAPS | NUM | 11:10 AM

Serial Number: **C6611638**

Model: **700**



RE00036601

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611638.___0

FILE DATE AND TIME: 12/12/2001 04:30

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.076
The Average Y Centroid of the Five Target Set:	0.041
The Average Point of Impact of the Five Target Set:	0.087
The Average Mean Radius of the Five Target Set:	0.495
The Distance from POA to Centroid Target #1:	0.162
The Distance from Centroid Target #2 to Centroid Target #1:	0.224
The Distance from Centroid Target #3 to Centroid Target #1:	0.223
The Distance from Centroid Target #4 to Centroid Target #1:	0.191
The Distance from Centroid Target #5 to Centroid Target #1:	0.192

BARBER - M24 0079980

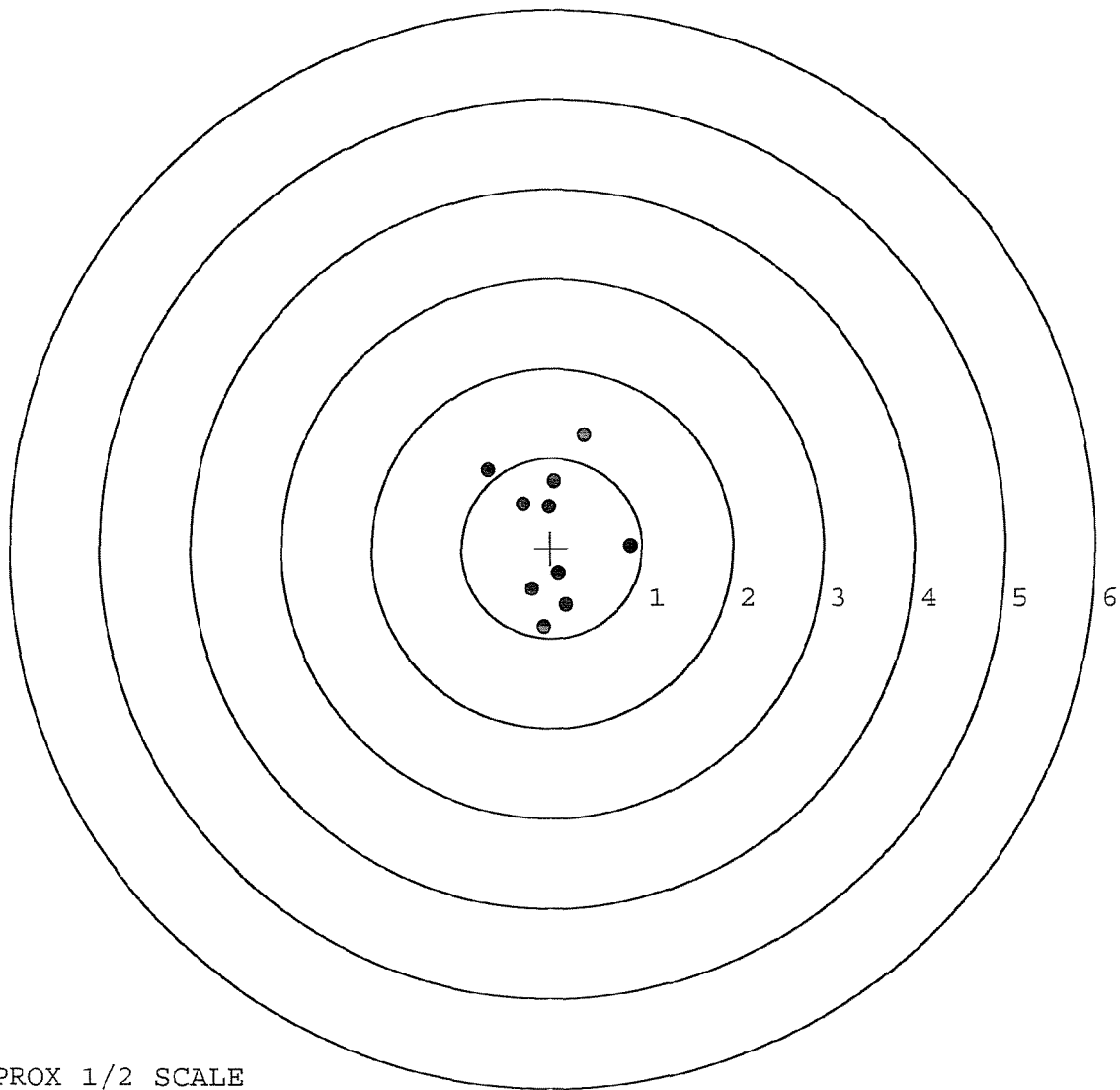
SERIAL NUMBER: C6611638. __0

TARGET NUMBER: 1

FILE DATE: 12/12/2001

FILE TIME: 04:30

	POINT#	X	Y
	1:	0.359	1.260
	2:	0.873	0.026
	3:	0.033	0.742
	4:	-0.032	0.464
	5:	-0.314	0.491
	6:	-0.705	0.868
	7:	-0.082	-0.886
	8:	-0.218	-0.455
	9:	0.164	-0.628
	10:	0.086	-0.274
X CENTROID:		0.016	
Y CENTROID:		0.161	
POA TO CENTROID:		0.162	
HORZ SPREAD:		1.578	
VERT SPREAD:		2.146	
GROUP SPREAD:		2.191	
MIN RADIUS:		0.307	
MAX RADIUS:		1.151	
MEAN RADIUS:		0.734	
# IN 1 IN DIAMETER:		3	
# IN 2 IN DIAMETER:		7	
# in 3 IN DIAMETER:		10	



TARGET APPROX 1/2 SCALE

BARBER - M24 0079981

SERIAL NUMBER: C6611638. __0

TARGET NUMBER: 2

FILE DATE: 12/12/2001

FILE TIME: 04:30

POINT#	X	Y
1:	0.561	-0.222
2:	0.469	0.303
3:	0.060	0.640
4:	-0.125	0.582
5:	-0.243	0.290
6:	0.131	-0.440
7:	-0.258	-0.230
8:	-0.097	-0.339
9:	-0.232	-0.568
10:	-0.509	-0.608

X CENTROID: -0.024

Y CENTROID: -0.059

POA TO CENTROID: 0.064

HORZ SPREAD: 1.070

VERT SPREAD: 1.248

GROUP SPREAD: 1.372

MIN RADIUS: 0.289

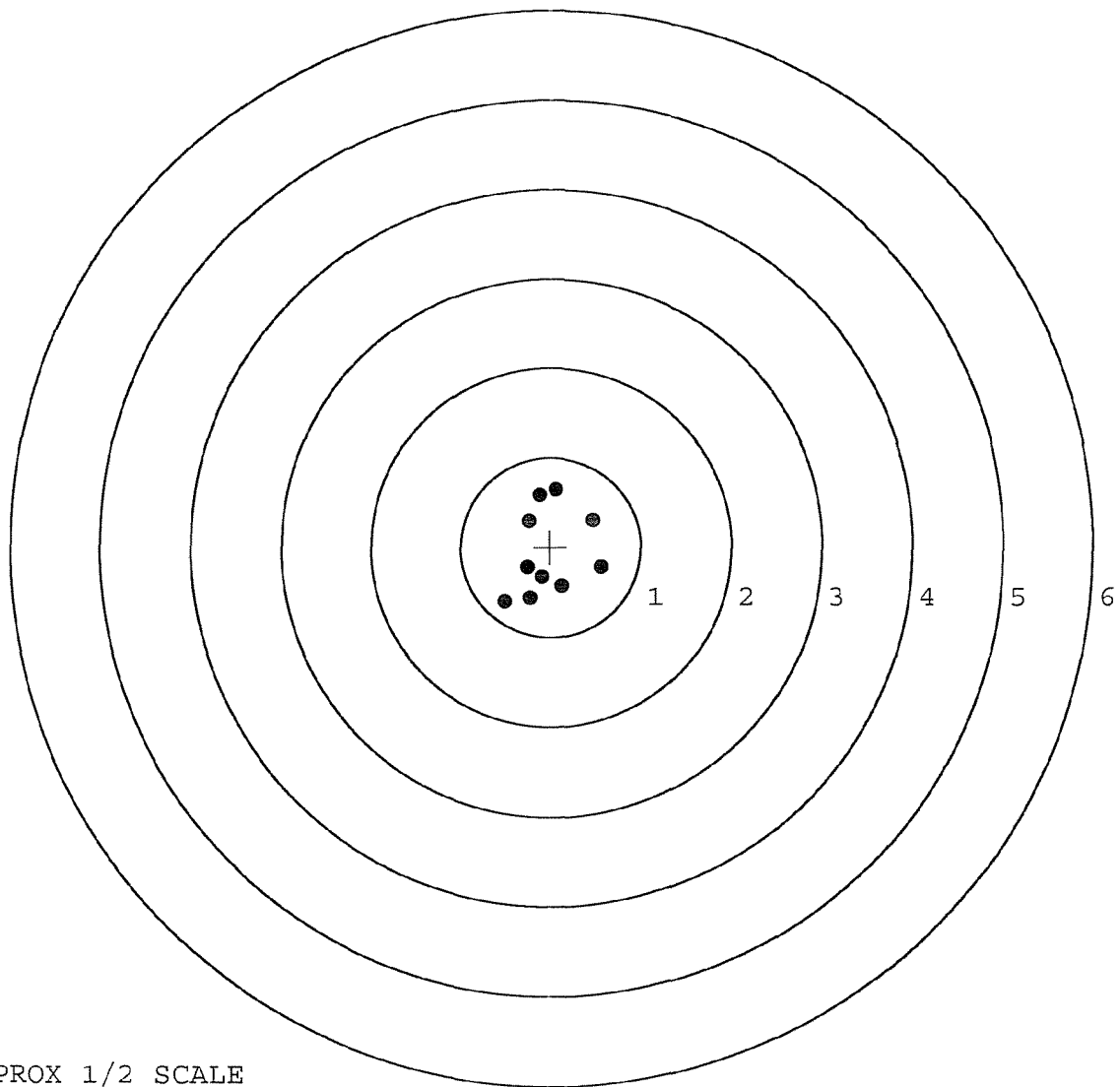
MAX RADIUS: 0.732

MEAN RADIUS: 0.526

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

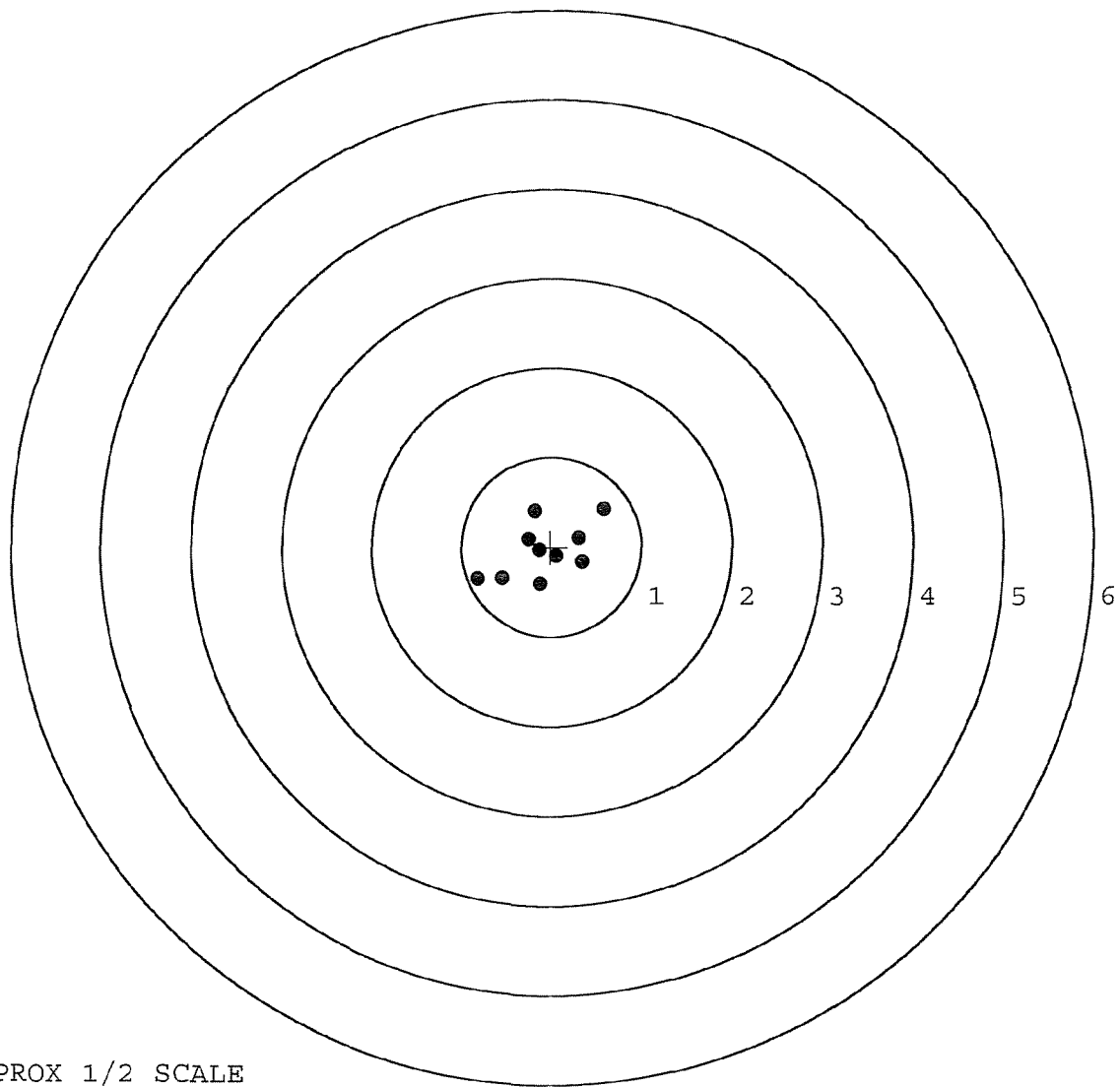
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0079982

SERIAL NUMBER: C6611638. 0	POINT#	X	Y
TARGET NUMBER: 3	1:	0.586	0.423
FILE DATE: 12/12/2001	2:	-0.180	0.405
FILE TIME: 04:30	3:	-0.818	-0.363
	4:	-0.545	-0.356
X CENTROID: -0.074	5:	-0.123	-0.420
Y CENTROID: -0.043	6:	-0.251	0.092
POA TO CENTROID: 0.086	7:	0.302	0.104
HORZ SPREAD: 1.404	8:	0.350	-0.171
VERT SPREAD: 0.843	9:	0.064	-0.103
GROUP SPREAD: 1.609	10:	-0.129	-0.037
MIN RADIUS: 0.055			
MAX RADIUS: 0.810			
MEAN RADIUS: 0.430			
# IN 1 IN DIAMETER: 7			
# IN 2 IN DIAMETER: 10			
# in 3 IN DIAMETER: 10			

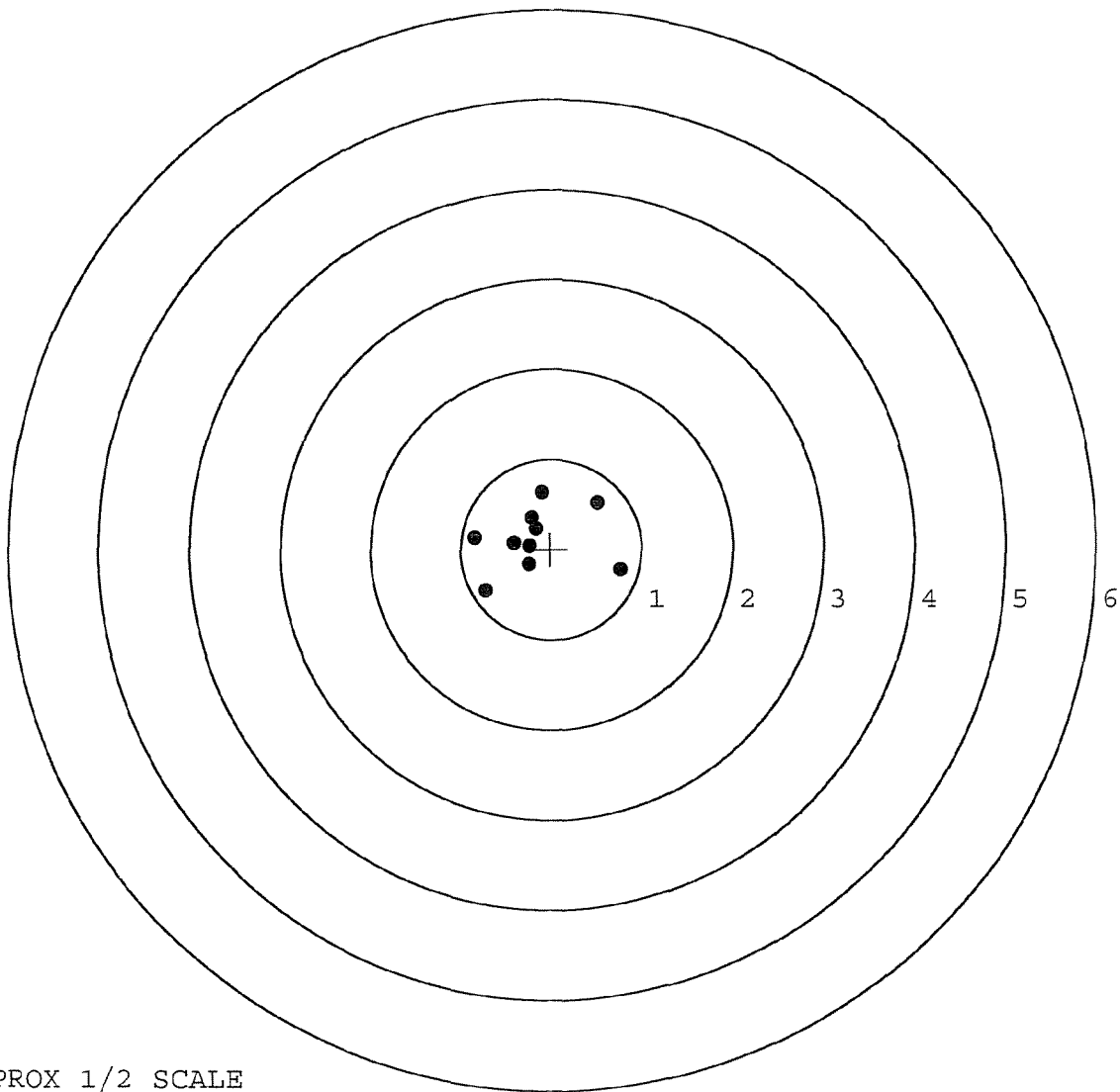


TARGET APPROX 1/2 SCALE

BARBER - M24 0079983

SERIAL NUMBER: C6611638. __0
 TARGET NUMBER: 4
 FILE DATE: 12/12/2001
 FILE TIME: 04:30

	POINT#	X	Y
	1:	0.510	0.517
	2:	0.769	-0.228
	3:	-0.106	0.630
	4:	-0.218	0.351
X CENTROID:	5:	-0.246	-0.168
Y CENTROID:	6:	-0.416	0.072
POA TO CENTROID:	7:	-0.849	0.132
HORZ SPREAD:	8:	-0.721	-0.465
VERT SPREAD:	9:	-0.236	0.040
GROUP SPREAD:	10:	-0.167	0.233
MIN RADIUS:			0.099
MAX RADIUS:			0.997
MEAN RADIUS:			0.480
# IN 1 IN DIAMETER:			5
# IN 2 IN DIAMETER:			10
# in 3 IN DIAMETER:			10

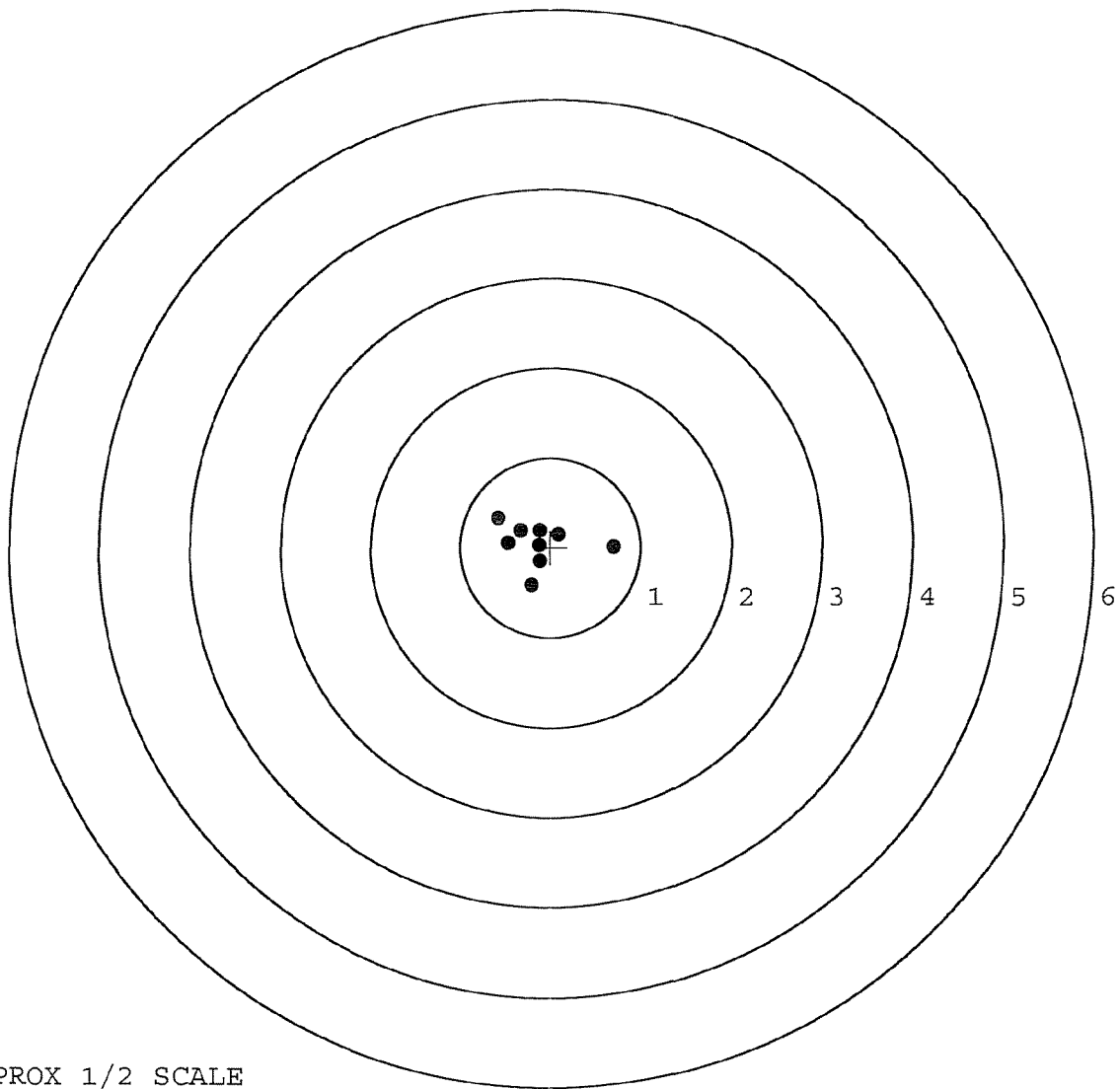


TARGET APPROX 1/2 SCALE

BARBER - M24 0079984

SERIAL NUMBER: C6611638. __0
 TARGET NUMBER: 5
 FILE DATE: 12/12/2001
 FILE TIME: 04:30

	POINT#	X	Y
	1:	0.700	-0.003
	2:	-0.212	-0.424
	3:	-0.119	-0.160
	4:	0.092	0.146
	5:	-0.123	0.187
	6:	-0.474	0.049
	7:	-0.580	0.333
	8:	-0.337	0.188
	9:	-0.127	0.026
	10:	-0.127	0.025
X CENTROID:		-0.131	
Y CENTROID:		0.037	
POA TO CENTROID:		0.136	
HORZ SPREAD:		1.280	
VERT SPREAD:		0.757	
GROUP SPREAD:		1.323	
MIN RADIUS:		0.011	
MAX RADIUS:		0.832	
MEAN RADIUS:		0.306	
# IN 1 IN DIAMETER:		8	
# IN 2 IN DIAMETER:		10	
# in 3 IN DIAMETER:		10	



TARGET APPROX 1/2 SCALE

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help																								
Repair Number: RE00036614 Serial: C6594600 Model 700 Center Fire Caliber: 7 62 NATO SWS M24 WOG 7 of 10 Repairman: _____ Verify Repair: High Priority Status: Closed 11/30/01 10:20:23 AM																								
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 State: NC Zip Code: _____ 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 <table border="1"><thead><tr><th>Code</th><th>Desc</th><th>Qty</th></tr></thead><tbody><tr><td>A007</td><td>With Studs</td><td>3</td></tr><tr><td>A010</td><td>Hard Case</td><td>1</td></tr><tr><td>A017</td><td>Scope Base</td><td>1</td></tr><tr><td>A026</td><td>Scope</td><td>1</td></tr></tbody></table>				Code	Desc	Qty	A007	With Studs	3	A010	Hard Case	1	A017	Scope Base	1	A026	Scope	1
Code	Desc	Qty																						
A007	With Studs	3																						
A010	Hard Case	1																						
A017	Scope Base	1																						
A026	Scope	1																						
Repair Search			Refresh				Close																	
naglet 11/30/01 11:12 AM D:\FS NUM IN3 SCRL 11:12 AM																								

C6594600

Model: 700



RE00036614

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594600.___0

FILE DATE AND TIME: 12/16/2001 03:52

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.022
The Average Y Centroid of the Five Target Set:	-0.048
The Average Point of Impact of the Five Target Set:	0.053
The Average Mean Radius of the Five Target Set:	0.734
The Distance from POA to Centroid Target #1:	0.075
The Distance from Centroid Target #2 to Centroid Target #1:	0.179
The Distance from Centroid Target #3 to Centroid Target #1:	0.082
The Distance from Centroid Target #4 to Centroid Target #1:	0.178
The Distance from Centroid Target #5 to Centroid Target #1:	0.169

BARBER - M24 0079988

SERIAL NUMBER: C6594600. __0

TARGET NUMBER: 1

FILE DATE: 12/16/2001

FILE TIME: 03:52

POINT#	X	Y
1:	-0.087	-1.014
2:	-0.361	-0.500
3:	-0.007	-0.345
4:	-0.231	0.097
5:	0.313	-0.175
6:	0.135	0.151
7:	0.421	0.249
8:	0.178	0.519
9:	0.055	0.687
10:	-0.016	0.960

X CENTROID: 0.040

Y CENTROID: 0.063

POA TO CENTROID: 0.075

HORZ SPREAD: 0.782

VERT SPREAD: 1.974

GROUP SPREAD: 1.975

MIN RADIUS: 0.130

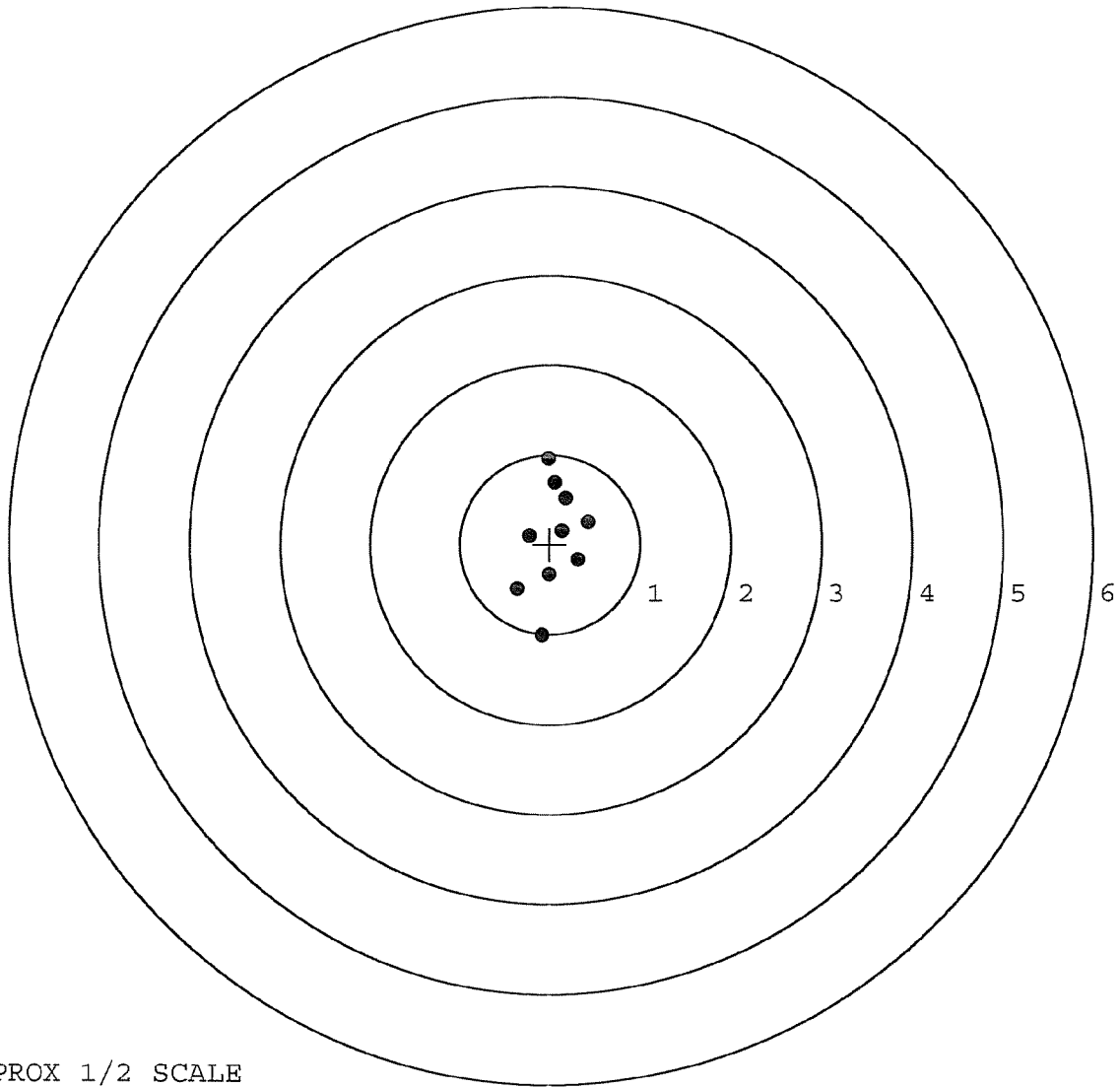
MAX RADIUS: 1.084

MEAN RADIUS: 0.537

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594600. __0

TARGET NUMBER: 2

FILE DATE: 12/16/2001

FILE TIME: 03:52

X CENTROID: -0.005

Y CENTROID: -0.110

POA TO CENTROID: 0.110

HORZ SPREAD: 1.181

VERT SPREAD: 2.221

GROUP SPREAD: 2.340

MIN RADIUS: 0.346

MAX RADIUS: 1.261

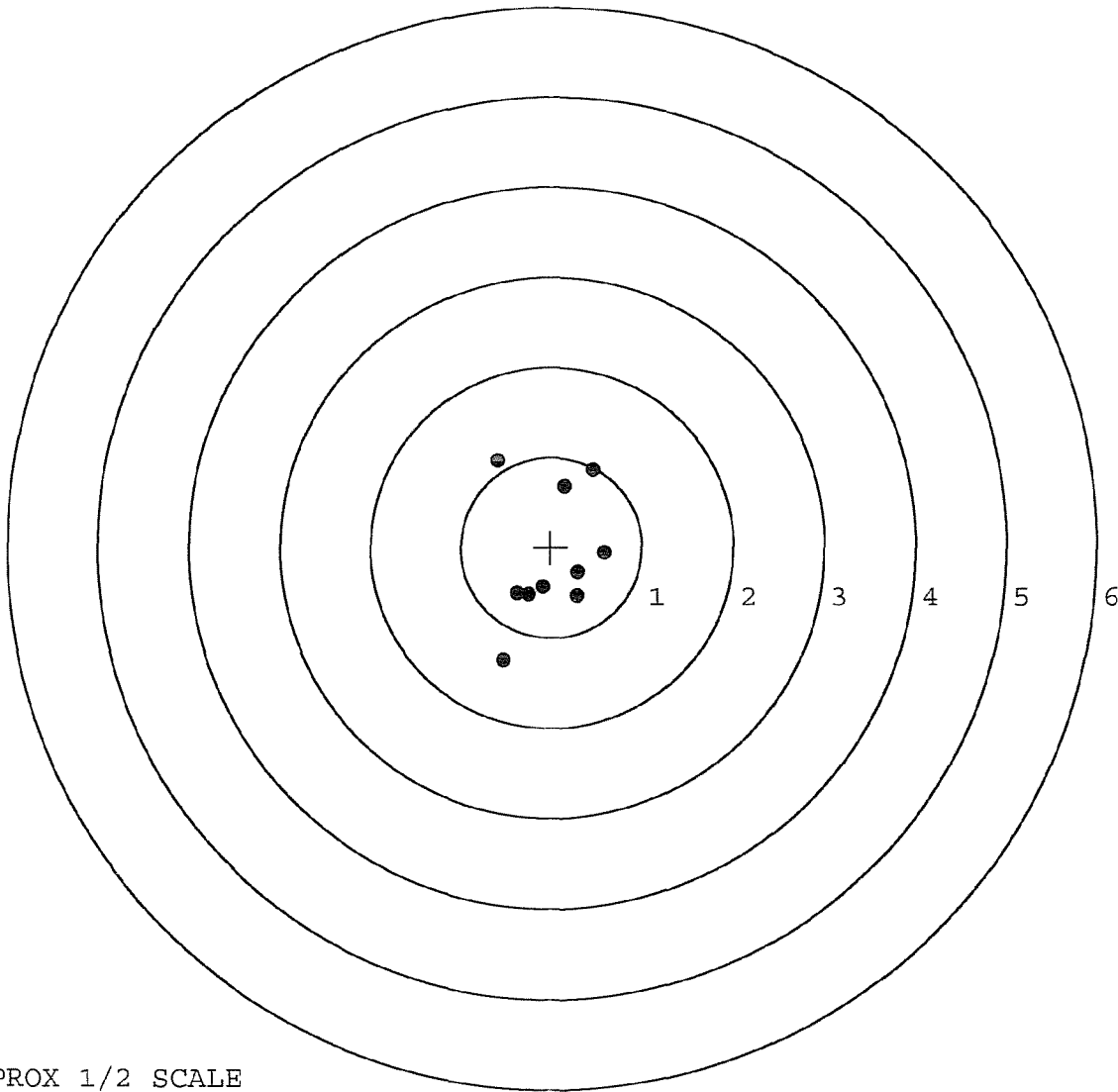
MEAN RADIUS: 0.719

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

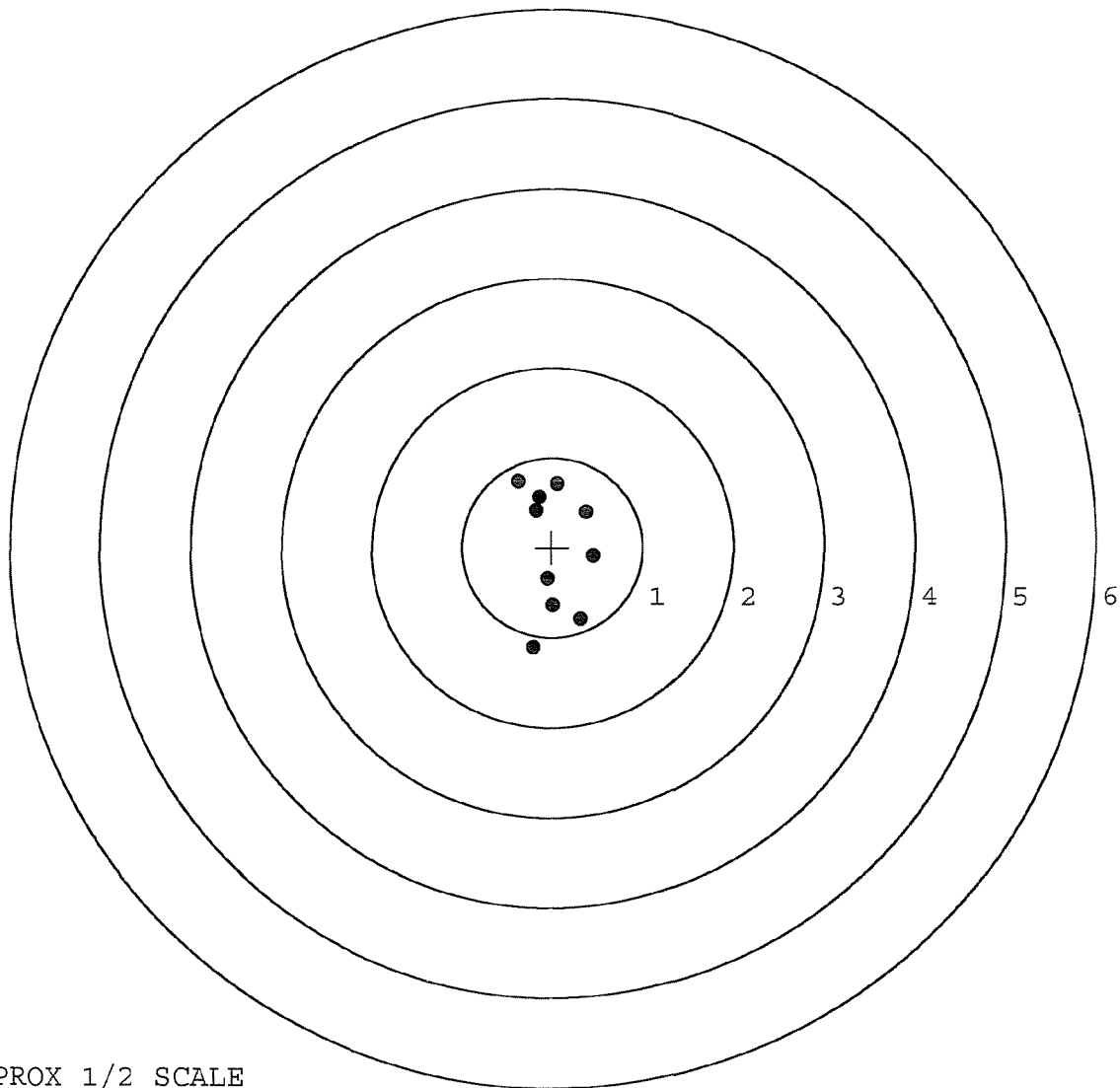
POINT#	X	Y
1:	-0.526	-1.259
2:	-0.376	-0.507
3:	-0.093	-0.446
4:	0.289	-0.536
5:	0.298	-0.278
6:	0.589	-0.060
7:	0.150	0.680
8:	0.462	0.862
9:	-0.592	0.962
10:	-0.248	-0.521



TARGET APPROX 1/2 SCALE

BARBER - M24 0079990

SERIAL NUMBER: C6594600. __ 0	POINT#	X	Y
TARGET NUMBER: 3	1:	-0.201	-1.114
FILE DATE: 12/16/2001	2:	0.015	-0.652
FILE TIME: 03:52	3:	-0.045	-0.348
	4:	0.322	-0.801
X CENTROID: 0.029	5:	0.461	-0.094
Y CENTROID: -0.019	6:	0.374	0.399
POA TO CENTROID: 0.034	7:	-0.176	0.419
HORZ SPREAD: 0.839	8:	0.060	0.708
VERT SPREAD: 1.851	9:	-0.378	0.737
GROUP SPREAD: 1.859	10:	-0.144	0.561
MIN RADIUS: 0.338			
MAX RADIUS: 1.119			
MEAN RADIUS: 0.658			
# IN 1 IN DIAMETER: 3			
# IN 2 IN DIAMETER: 9			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE

BARBER - M24 0079991

SERIAL NUMBER: C6594600. __0

TARGET NUMBER: 4

FILE DATE: 12/16/2001

FILE TIME: 03:52

X CENTROID: -0.061

Y CENTROID: -0.084

POA TO CENTROID: 0.104

HORZ SPREAD: 1.251

VERT SPREAD: 3.124

GROUP SPREAD: 3.240

MIN RADIUS: 0.279

MAX RADIUS: 1.772

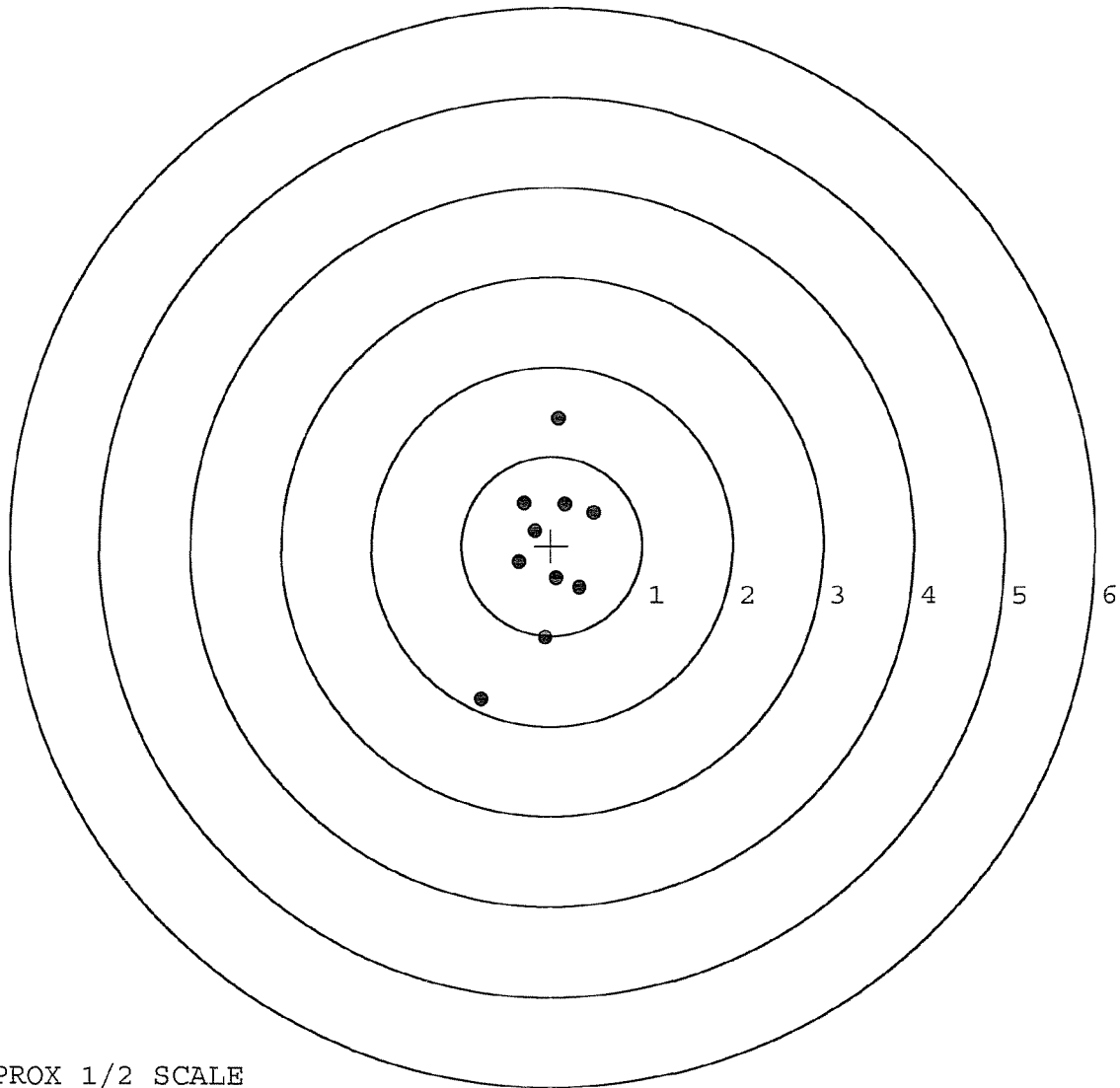
MEAN RADIUS: 0.756

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.083	1.420
2:	0.473	0.369
3:	0.147	0.466
4:	0.317	-0.468
5:	0.066	-0.364
6:	-0.071	-1.023
7:	-0.778	-1.704
8:	-0.358	-0.182
9:	-0.182	0.167
10:	-0.305	0.478



TARGET APPROX 1/2 SCALE

BARBER - M24 0079992

SERIAL NUMBER: C6594600. __0

TARGET NUMBER: 5

FILE DATE: 12/16/2001

FILE TIME: 03:52

X CENTROID: 0.109

Y CENTROID: -0.091

POA TO CENTROID: 0.142

HORZ SPREAD: 1.890

VERT SPREAD: 3.486

GROUP SPREAD: 3.965

MIN RADIUS: 0.408

MAX RADIUS: 2.365

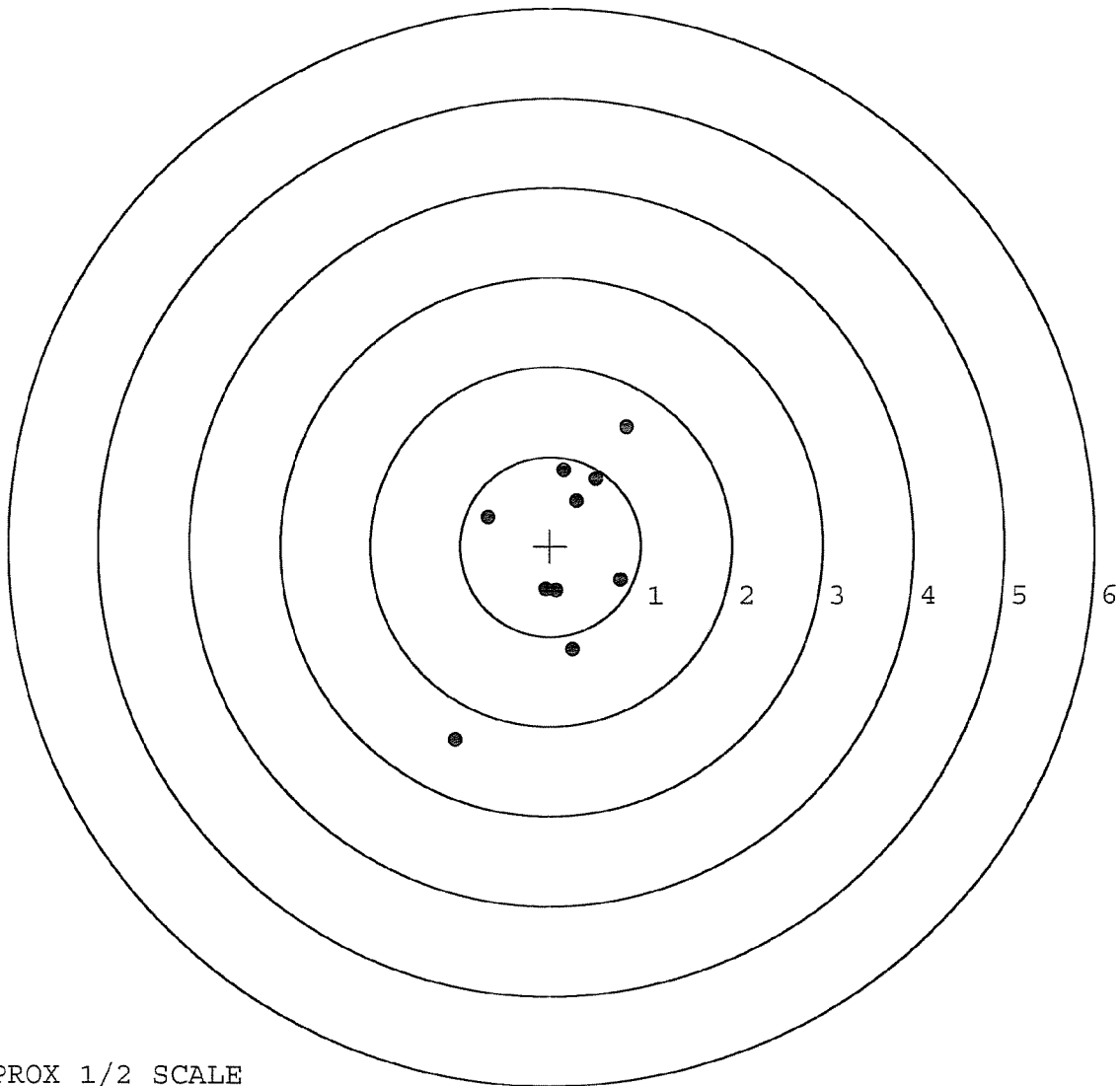
MEAN RADIUS: 1.000

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	-1.049	-2.154
2:	0.071	-0.498
3:	0.776	-0.384
4:	0.248	-1.153
5:	-0.693	0.323
6:	0.152	0.852
7:	0.291	0.504
8:	0.504	0.748
9:	0.841	1.332
10:	-0.050	-0.485



TARGET APPROX 1/2 SCALE




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

MODEL 700TM M24

SERIAL NO.
C6611638

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

ORDER NO.
5716



5716 C6611638



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # **C6611638**

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		1/10/91	KH
600	Proof		1/10/91	KH
607	Check Headspace		1/10/91	KH
610	Dis-assemble Gun		1/10/91	KH
612	Magnaflux Barrel Action		1/17/91	KR
	Magnaflux Bolt		11	KR
615	Rollmark Caliber		11	LB
617	Drill and Tap Sight Holes	1 18 91		FB
618	Polish Barrel	5 18 91		CK
620	Apply Coatings (Barrel Action)		2-18-91	LD
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/22/91	KH
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/22/91	KH
	C) Inspect Ejector Hole for Chamfer		2/22/91	KH
	D) Oil Firing Pin Ass'y		2/22/91	KH
	E) Adjust Trigger Pull to Min Setting and Stake		2-26-91	DH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			2-26-91	DH
	G) Safety Off Force	3	3	3			2-26-91	DH
	H) Trigger Pull Test & Retainability						2-26-91	DH
	I) Firing Pin Indent	.021	.0205	.0205			2-26-91	DH
	J) Assemble Stock						2/27/91	KH
	K) Assemble Swivel Studs						2/27/91	WB
	L) Attach Front and Rear Sight Assemblies						2/27/91	KH
	M) Iron Sight Alignment						2/27/91	KH
	N) Detach Front & Rear Sights & place in numbered container						2/27/91	KH
	O) Attach Scope to Rifle						2/27/91	KH
	P) Detach & Attach Scope 20 Times						2/27/91	KH
640	Gallery Target & Test						2-28-91	AC
	A) Time						2-28-91	AC
	B) Malfunctions						2-28-91	AC
	C) Pierced Primers						2-28-91	AC
	D) Optical Clarity of Scope						2-28-91	AC
645	Inspect for Live Ammo						2-28-91	AC
655	Final Inspection						2/2/91	WB
	A) Headspace							
	B) Trigger Pull	2.38	2.32	2.30	2.27	2.29	3-1-91	JL
	C) Function						2/2/91	WB
660	Pack						3/14/91	WB

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6611638

DATE 2-26-91

TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.54	2.55	2.52	2.38	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.54	2.52	2.77	2.32	
PULL #3	2.44	2.51	2.74	2.30	
PULL #4	2.54	2.54	2.54	2.27	
PULL #5	2.54	2.45	2.74	2.29	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.30	3.02		
PULL #2	3.20	3.03		
PULL #3	3.18	3.33		
PULL #4	3.31	3.18		
PULL #5	3.19	2.89		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.12	4.06		4.16
PULL #2	4.18	3.99		4.09
PULL #3	4.19	4.33		4.15
PULL #4	4.03	4.30		4.09
PULL #5	3.98	4.09		4.06
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611638
28 Feb 1991

CENTROIDAL DISTANCES

0	TO	1	.210618
1	TO	2	.237192
1	TO	3	.22508
1	TO	4	.230601
1	TO	5	.234478

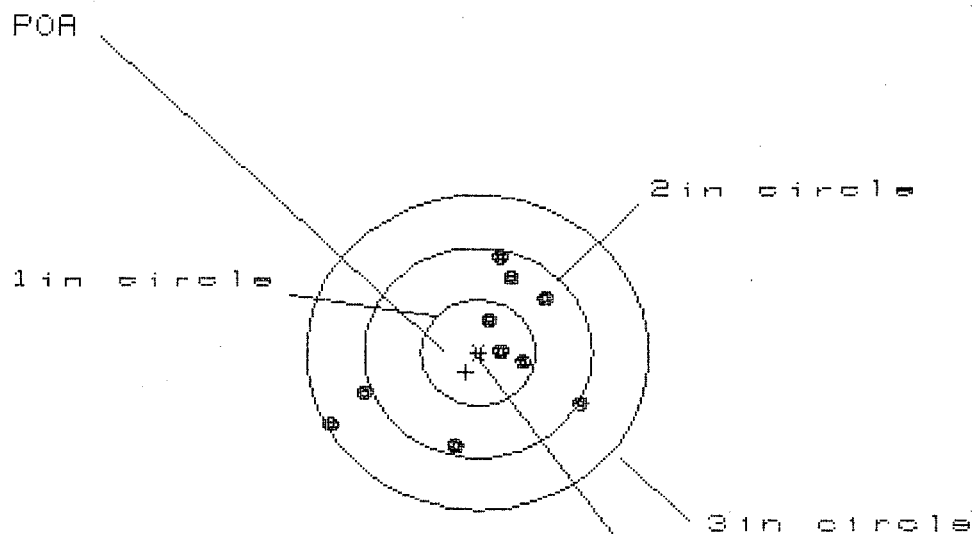
$\frac{5}{32}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0462
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1086
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .118019
THE AMR FOR THIS RIFLE IS: .8962

28 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611638

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1in = 3

2in = 7

3in = 10

HS = 2.244

VS = 1.807

GS = 2.250

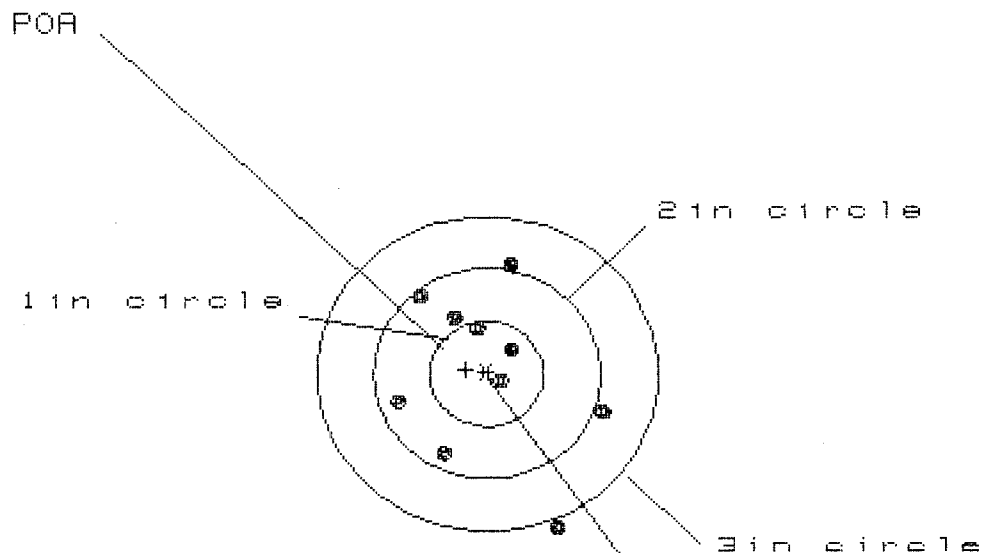
CENTROID *

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.907	.759	.609
MINIMUM X	:	-1.337	-1.201	-.552
MAXIMUM Y	:	.920	.846	.793
MINIMUM Y	:	-.887	-.961	-1.014
CENTROID X	:	.106	.254	.404
CENTROID Y	:	.182	.256	.309
POA TO CENTROID in.	:	.210	.360	.509
MIN RADIUS	:	.168	.087	.191
MEAN RADIUS	:	.798	.672	.578
MAX RADIUS	:	1.492	1.275	1.155
HORIZONTAL SPREAD	:	2.244	1.960	1.161
VERTICAL SPREAD	:	1.807	1.807	1.807
EXTREME SPREAD	:	2.250	1.965	1.865
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	10		

28 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6B11638

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1in = 3

2in = 7

3in = 9

HS= 1.821

VS= 2.418

GS= 2.526

CENTROID *

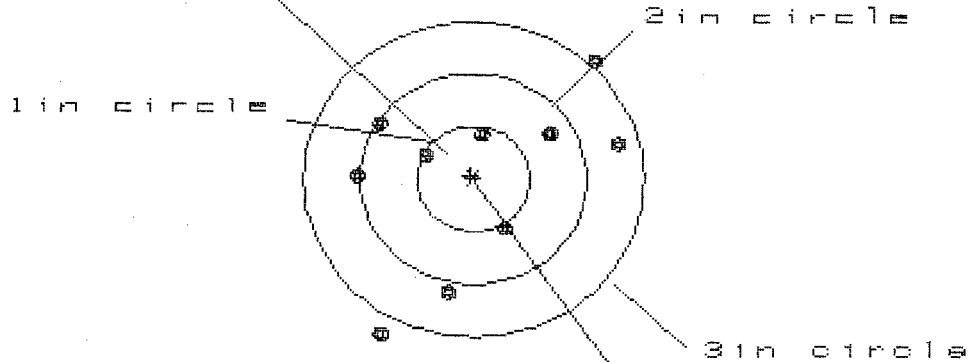
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.006	1.080	.436
MINIMUM X	:	-.815	-.741	-.606
MAXIMUM Y	:	1.002	.844	.775
MINIMUM Y	:	-1.416	-.960	-1.029
CENTROID X	:	.184	.110	-.025
CENTROID Y	:	-.042	.116	.185
POA TO CENTROID in.	:	.188	.160	.187
MIN RADIUS	:	.132	.251	.197
MEAN RADIUS	:	.786	.669	.589
MAX RADIUS	:	1.564	1.215	1.048
HORIZONTAL SPREAD	:	1.821	1.821	1.042
VERTICAL SPREAD	:	2.418	1.804	1.804
EXTREME SPREAD	:	2.526	1.990	1.912
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

28 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611638

CENTERFIRE PATTERNS # 3

POA



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS = 2.326

VS = 2.537

GS = 3.153

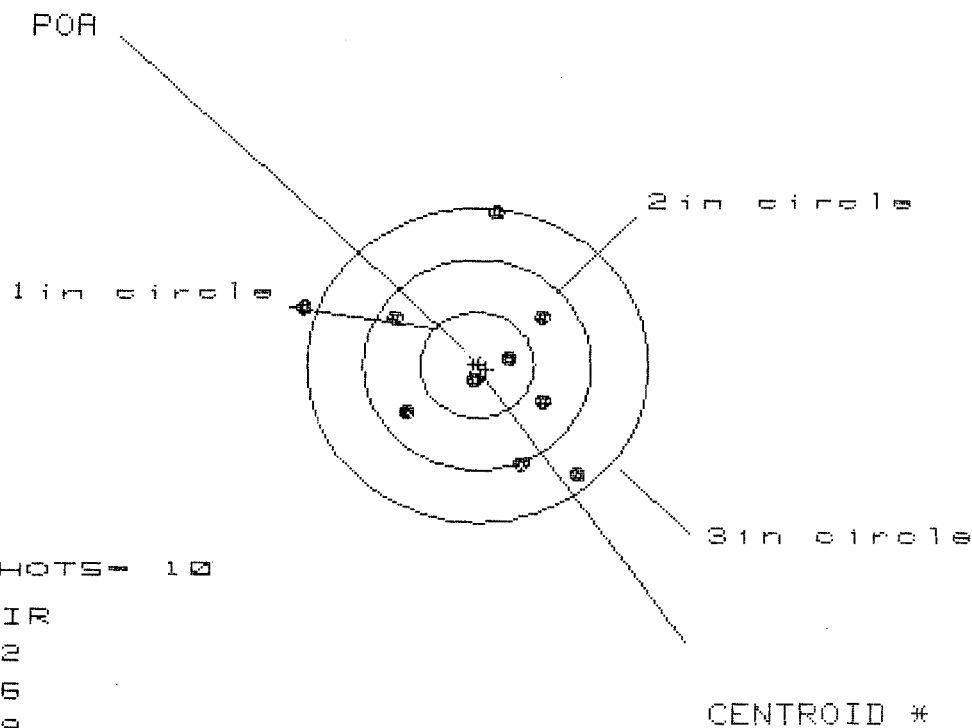
CENTROID *

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.258	1.165	1.263
MINIMUM X	-1.068	-1.161	-1.043
MAXIMUM Y	1.081	.919	.444
MINIMUM Y	-1.456	-1.271	-1.156
CENTROID X	.025	.118	.000
CENTROID Y	-.028	.134	.019
POA TO CENTROID in.	.037	.178	.019
MIN RADIUS	.412	.241	.373
MEAN RADIUS	.984	.884	.827
MAX RADIUS	1.680	1.316	1.315
HORIZONTAL SPREAD	2.326	2.326	2.326
VERTICAL SPREAD	2.537	2.190	1.600
EXTREME SPREAD	3.153	2.531	2.349
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		9	

28 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611638

CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS = 2.375

VS = 2.506

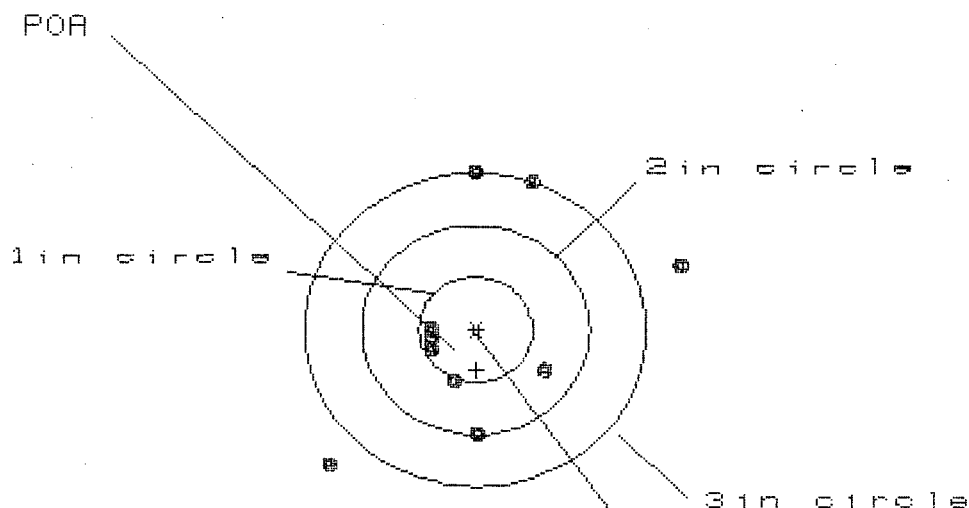
GS = 2.876

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.894	.730	.733
MINIMUM X	-1.481	-.893	-.890
MAXIMUM Y	1.460	1.524	.716
MINIMUM Y	-1.046	-.982	-.792
CENTROID X	-.078	.086	.083
CENTROID Y	.043	-.021	-.211
POA TO CENTROID in.	.089	.089	.227
MIN RADIUS	.193	.134	.242
MEAN RADIUS	.892	.790	.692
MAX RADIUS	1.589	1.524	1.142
HORIZONTAL SPREAD	2.375	1.623	1.623
VERTICAL SPREAD	2.506	2.506	1.508
EXTREME SPREAD	2.876	2.601	2.215
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

28 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611638

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in = 3

2 in = 5

3 in = 7

HS = 3.059

VS = 2.830

GS = 3.593

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.758	1.613	.613
MINIMUM X	:	-1.301	-.584	-.382
MAXIMUM Y	:	1.516	1.370	1.423
MINIMUM Y	:	-1.314	-1.149	-1.096
CENTROID X	:	-.006	.139	-.063
CENTROID Y	:	.388	.534	.481
POA TO CENTROID in.	:	.388	.552	.485
MIN RADIUS	:	.414	.563	.356
MEAN RADIUS	:	1.021	.971	.818
MAX RADIUS	:	1.849	1.668	1.423
HORIZONTAL SPREAD	:	3.059	2.197	.995
VERTICAL SPREAD	:	2.830	2.519	2.519
EXTREME SPREAD	:	3.593	2.519	2.519
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	