

C6349224

SS
73

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

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: RE00144817

Serial: C6349224 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

Closed 4/24/2008 10:57:45AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: B/210TH BSB

B/210TH BSB

Address 1: 2 BCT

2 BCT

Address 2: 10 TH MTN DIV

PO Box:

10 TH MTN DIV

PO Box:

City: FORT DRUM

FORT DRUM

State: NY

Zip Code: 13602

Country: US

State: NY

Zip Code: 13602

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
A008	With Swivel	2
A010	Hard Case	1
A026	Scope	1
A057	Fit and Rear Sgt Base	1

naglelj

4/24/2008

12:24 PM

NUM

start

4 Micros...

The Assn...

7 Micros...

SAP Login...

Arms Ser...

Serial Number:

C6349224

Model: M24 SWS



RE00144817

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349224.___0
FILE DATE AND TIME: 05/27/2008 05:28

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

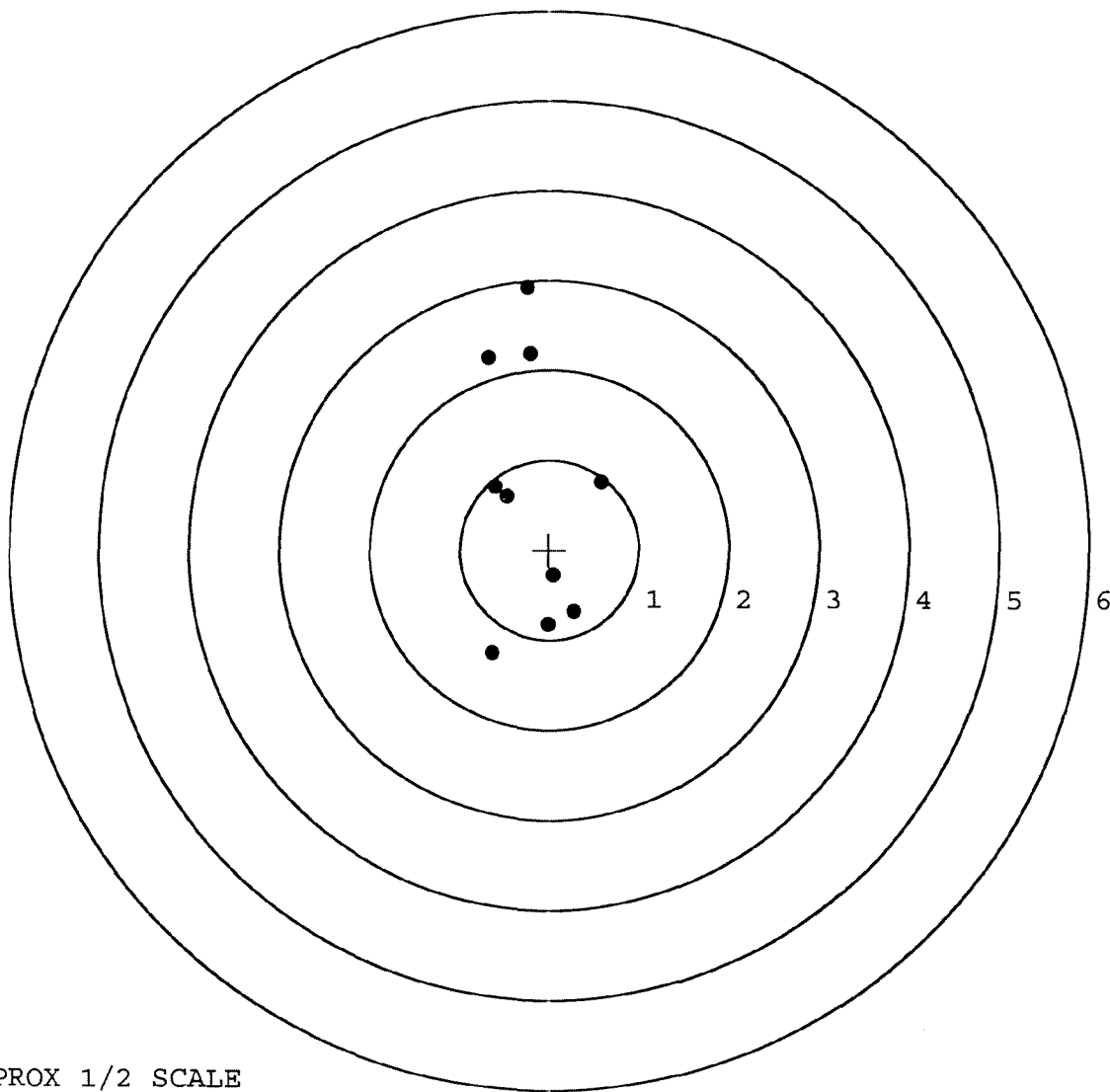
The Average X Centroid of the Five Target Set:	-0.007
The Average Y Centroid of the Five Target Set:	0.060
The Average Point of Impact of the Five Target Set:	0.060
The Average Mean Radius of the Five Target Set:	0.858
The Distance from POA to Centroid Target #1:	0.662
The Distance from Centroid Target #2 to Centroid Target #1:	0.966
The Distance from Centroid Target #3 to Centroid Target #1:	0.726
The Distance from Centroid Target #4 to Centroid Target #1:	0.724
The Distance from Centroid Target #5 to Centroid Target #1:	0.623

BARBER - M24 0110480

SERIAL NUMBER: C6349224. __0
 TARGET NUMBER: 1
 FILE DATE: 05/27/2008
 FILE TIME: 05:28

POINT#	X	Y
1:	0.276	-0.687
2:	-0.016	-0.840
3:	-0.645	-1.159
4:	0.052	-0.285
5:	0.583	0.755
6:	-0.476	0.599
7:	-0.610	0.700
8:	-0.215	2.175
9:	-0.689	2.132
10:	-0.253	2.918

X CENTROID: -0.199
 Y CENTROID: 0.631
 POA TO CENTROID: 0.662
 HORZ SPREAD: 1.272
 VERT SPREAD: 4.077
 GROUP SPREAD: 4.096
 MIN RADIUS: 0.279
 MAX RADIUS: 2.288
 MEAN RADIUS: 1.258
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 4
 # in 3 IN DIAMETER: 6



TARGET APPROX 1/2 SCALE

BARBER - M24 0110481

SERIAL NUMBER: C6349224. __0

TARGET NUMBER: 2

FILE DATE: 05/27/2008

FILE TIME: 05:28

POINT#	X	Y
1:	0.961	-1.150
2:	0.218	-1.295
3:	0.593	-0.709
4:	0.397	0.016
5:	0.150	0.418
6:	-0.162	0.572
7:	-0.262	-0.266
8:	-0.425	0.048
9:	-0.836	-0.261
10:	-0.976	-0.580

X CENTROID: -0.034

Y CENTROID: -0.321

POA TO CENTROID: 0.323

HORZ SPREAD: 1.937

VERT SPREAD: 1.867

GROUP SPREAD: 2.056

MIN RADIUS: 0.234

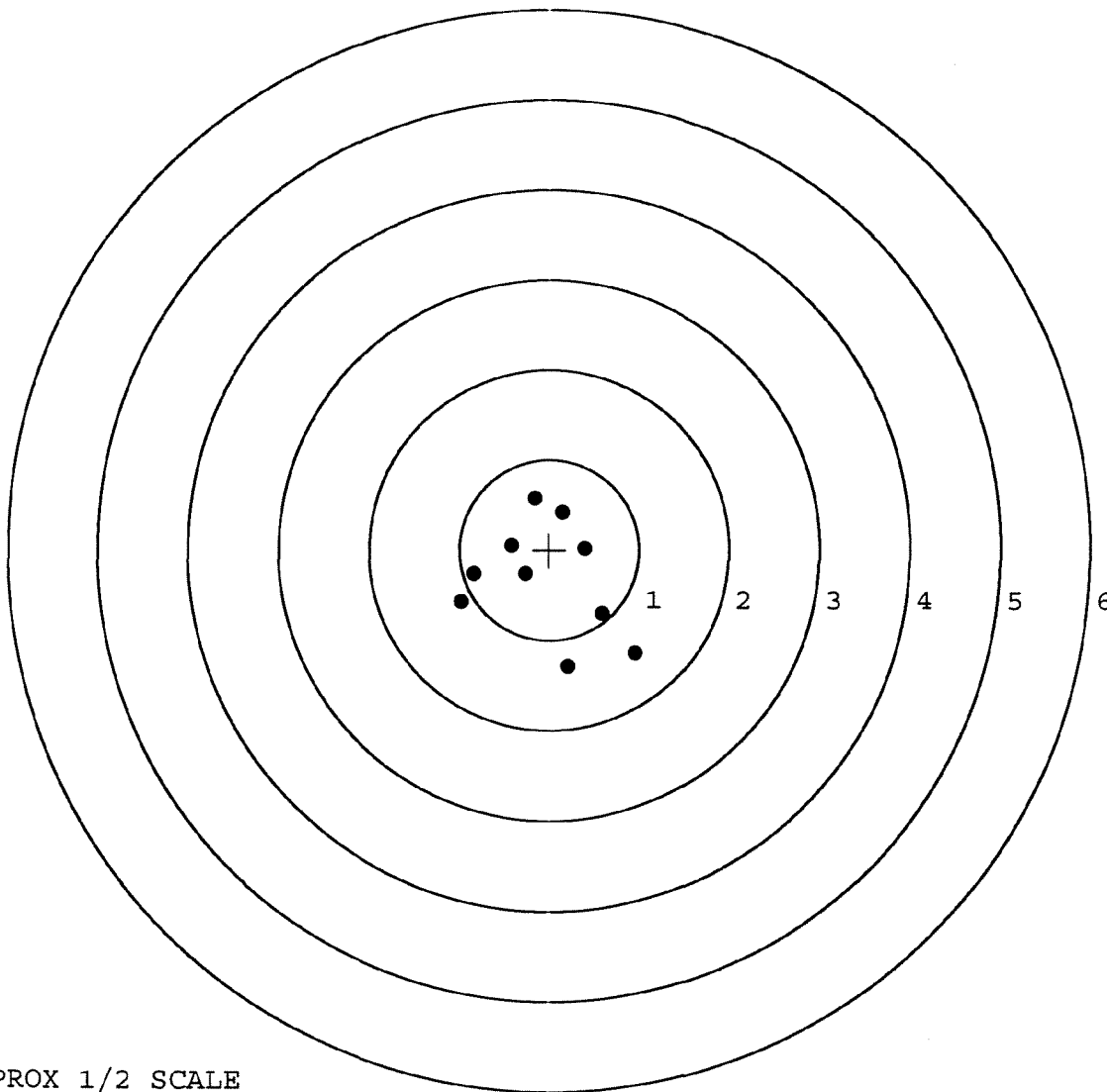
MAX RADIUS: 1.295

MEAN RADIUS: 0.780

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



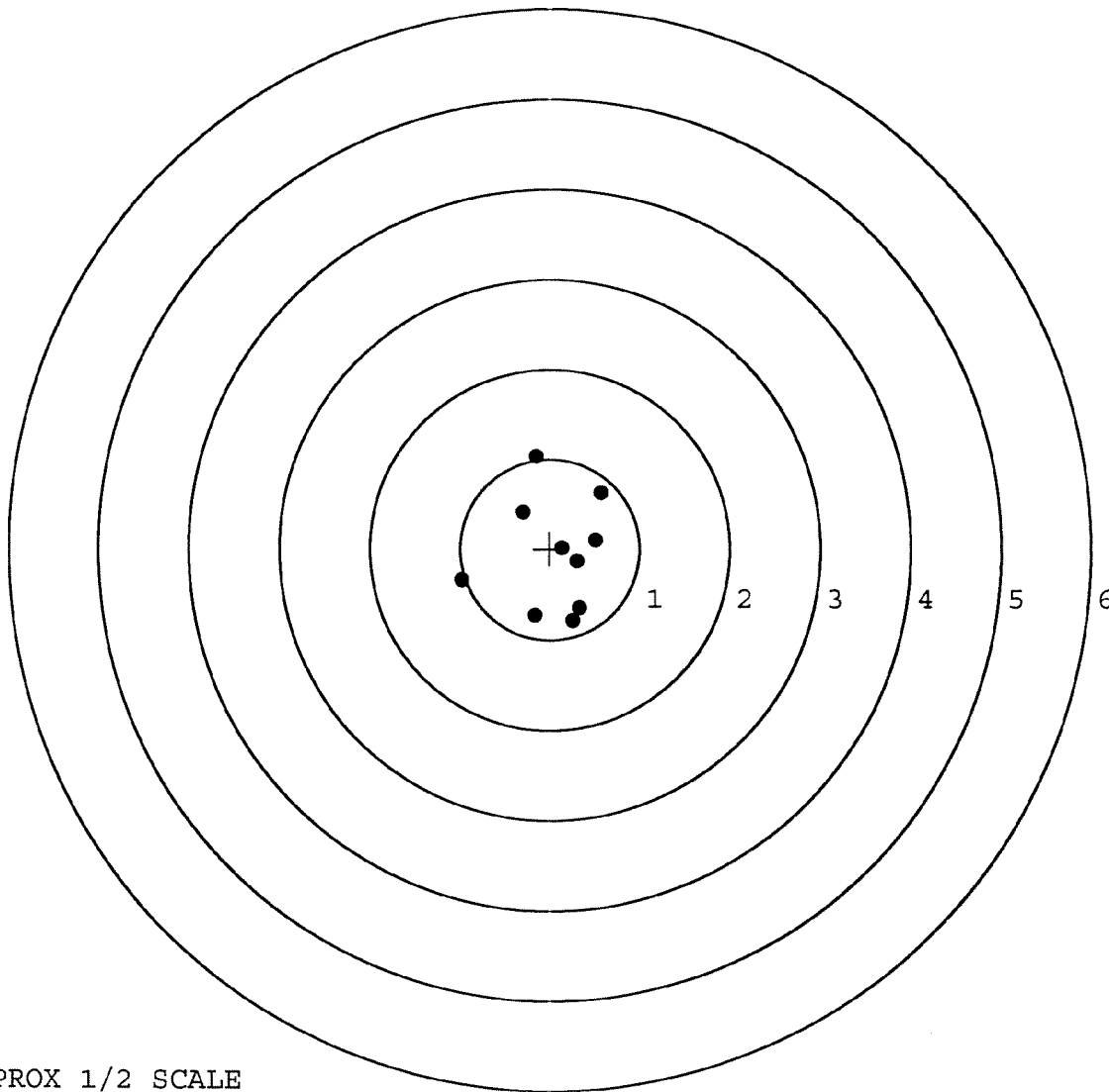
TARGET APPROX 1/2 SCALE

BARBER - M24 0110482

SERIAL NUMBER: C6349224. 0
 TARGET NUMBER: 3
 FILE DATE: 05/27/2008
 FILE TIME: 05:28

POINT#	X	Y
1:	0.332	-0.655
2:	0.257	-0.796
3:	-0.169	-0.738
4:	-0.984	-0.347
5:	0.305	-0.141
6:	0.136	0.010
7:	0.510	0.097
8:	0.571	0.626
9:	-0.301	0.407
10:	-0.156	1.030

X CENTROID: 0.050
 Y CENTROID: -0.051
 POA TO CENTROID: 0.071
 HORZ SPREAD: 1.555
 VERT SPREAD: 1.826
 GROUP SPREAD: 1.872
 MIN RADIUS: 0.105
 MAX RADIUS: 1.100
 MEAN RADIUS: 0.663
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0110483

SERIAL NUMBER: C6349224. 0

TARGET NUMBER: 4

FILE DATE: 05/27/2008

FILE TIME: 05:28

POINT#	X	Y
1:	1.569	0.365
2:	0.531	0.670
3:	0.120	0.455
4:	0.042	0.335
5:	-0.522	0.269
6:	-0.505	-0.044
7:	0.291	-0.252
8:	0.183	-0.378
9:	-0.047	-0.547
10:	-0.028	-0.836

X CENTROID: 0.163

Y CENTROID: 0.004

POA TO CENTROID: 0.163

HORZ SPREAD: 2.091

VERT SPREAD: 1.506

GROUP SPREAD: 2.114

MIN RADIUS: 0.286

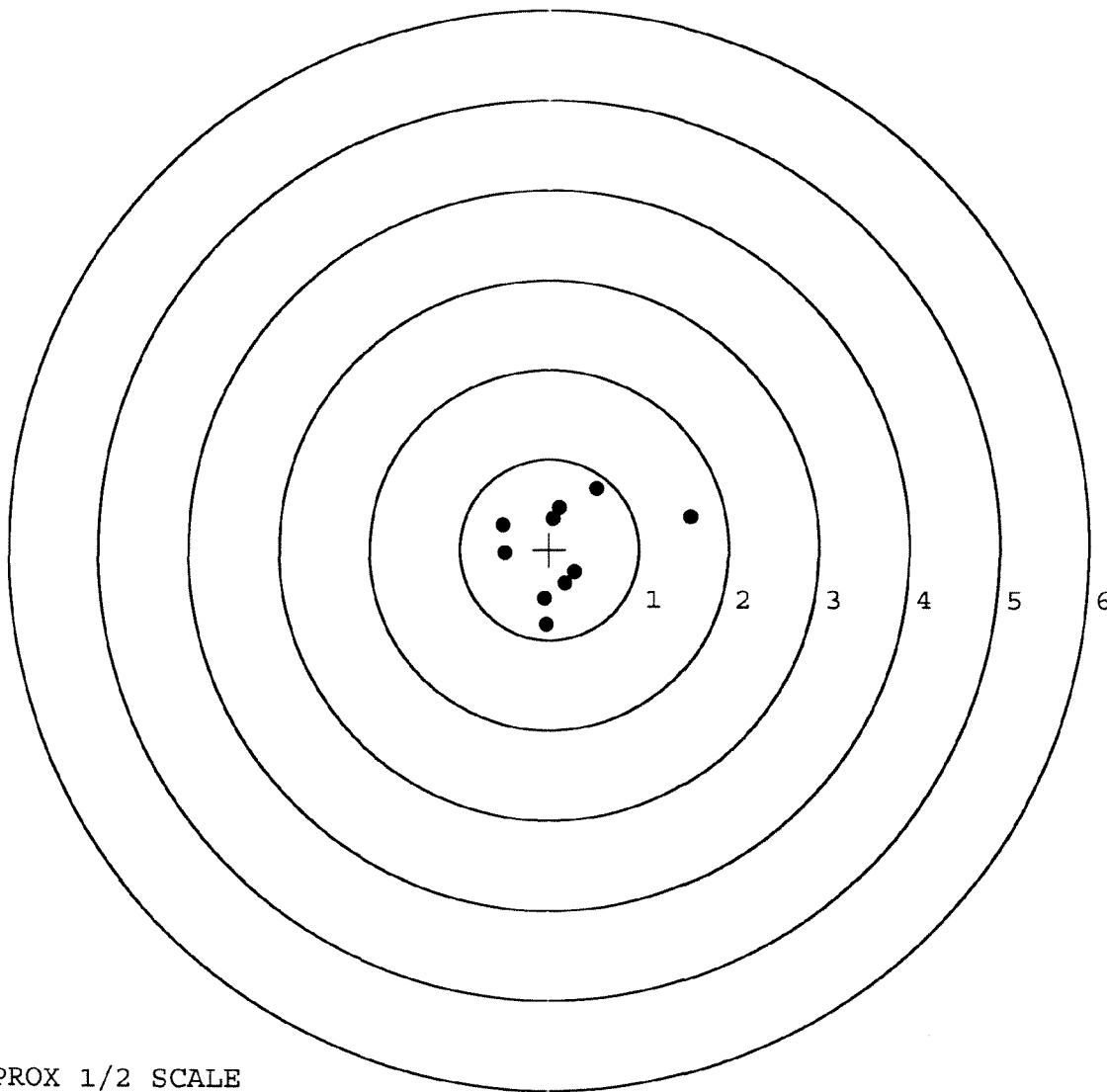
MAX RADIUS: 1.451

MEAN RADIUS: 0.654

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

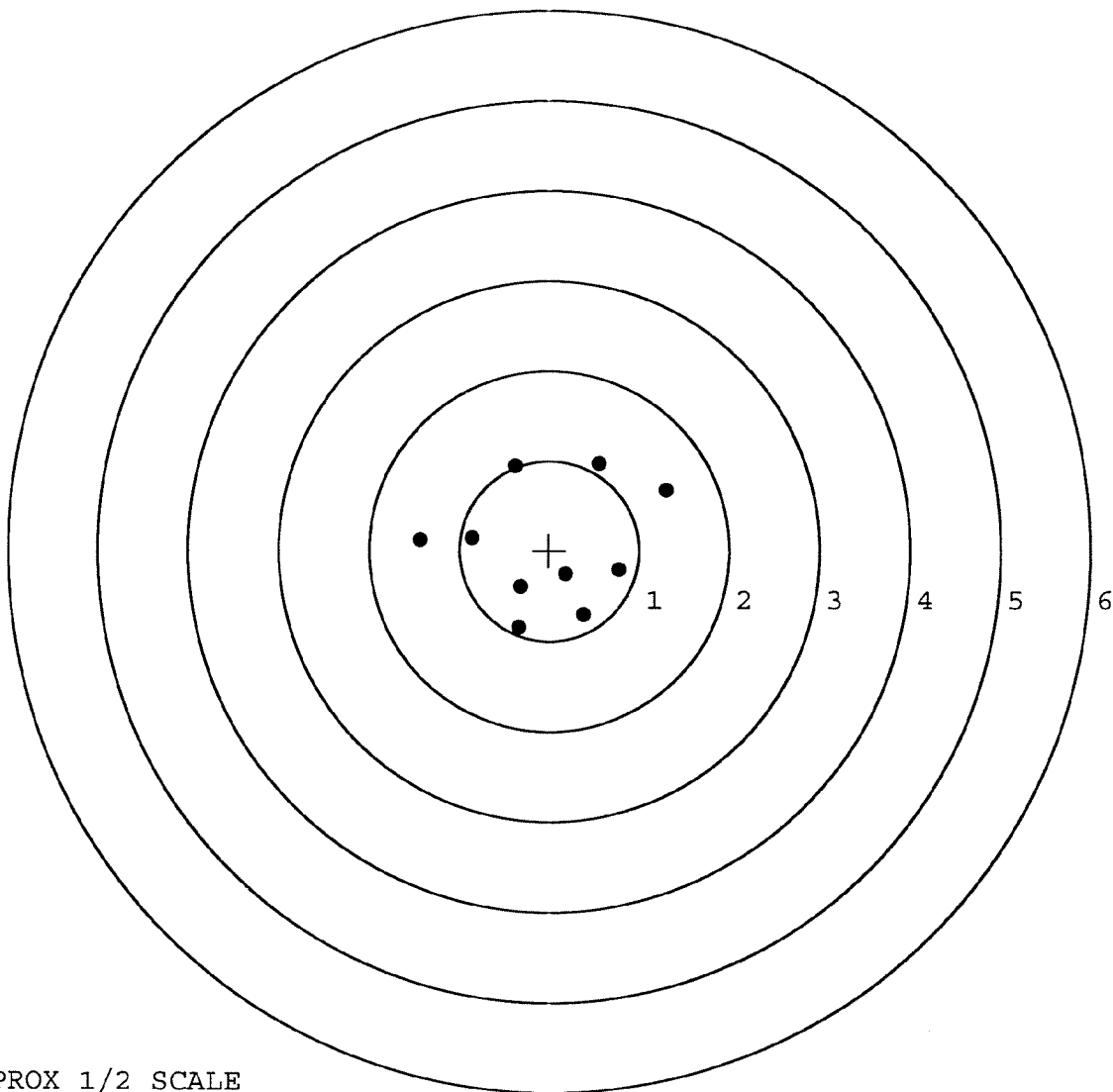


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349224. 0
 TARGET NUMBER: 5
 FILE DATE: 05/27/2008
 FILE TIME: 05:28

POINT#	X	Y
1:	1.298	0.671
2:	0.559	0.967
3:	-0.381	0.946
4:	0.779	-0.222
5:	0.383	-0.716
6:	0.180	-0.271
7:	-0.343	-0.859
8:	-0.326	-0.411
9:	-0.863	0.140
10:	-1.436	0.114

X CENTROID: -0.015
 Y CENTROID: 0.036
 POA TO CENTROID: 0.039
 HORZ SPREAD: 2.734
 VERT SPREAD: 1.826
 GROUP SPREAD: 2.790
 MIN RADIUS: 0.364
 MAX RADIUS: 1.459
 MEAN RADIUS: 0.936
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER

144817

SERIAL NUMBER

C6349224

LOG-IN DATE

4-24-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	4-28-08	RTZ
505	RE-BARREL		
560	ASSEMBLE	4-30-08	TRW
600	PROOF	4-30-08	TRW
605	CHECK HEADSPACE	4-30-08	TRW
610	DIS-ASSEMBLE GUN	4-30-08	TRW
612	MAGNAFLUX	5/1/08	mmg
510	DRILL AND TAP	5-1-08	TRW
615	ROLLMARK CALIBER	5-1-08	CW
618	ROTO-BLAST	5-1-08	DS
620	APPLY COATINGS	5-5-08	CW
625	FINAL ASSEMBLY	5-23-08	RTZ
640	FUNCTION TEST AND	PASS FAIL	5-23-08 SD
650	TARGET	PASS FAIL	5-23-08 SD
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION N/A	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	5-23-08 RP
670	FINAL INSPECTION	5/27/08	Fm
	A) HEADSPACE	PASS FAIL	5/27/08 Fm
	B) TRIGGER PULL	2.94 2.90 2.75 2.70 2.75 5/27/08	Fm
680	F) SAFETY ON FORCE	4- 4- 3.5 5/27/08	Fm
	G) SAFETY OFF FORCE	3- 2.5 2.5 5/27/08	Fm
	I) FIRING PIN INDENT	.020 .020 .020 5/27/08	Fm
690	PACK	5/29/08	Fm

Repair Number: **RE00092557**Serial: C6349224 Model: M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 2/7/2005 8:19:29 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: DEF DIST DEPOT ANNISTON

DEF DIST DEPOT ANNISTON

Address 1:

Address 2:

PO Box:

City: ANNISTON

ANNISTON

State: AL

Zip Code:

362014199

Country: US

State: AL

Zip Code:

362014199

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Good

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A057	Front and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

2/7/2005

10:20 AM

CAPS

INUM

INS

SCPL

start

3

4

Arms Services

2

Serial Number: **C6349224**Model: **M24 SWS****RE00092557**

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349224.___0

FILE DATE AND TIME: 04/22/2005 03:53

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.081
The Average Y Centroid of the Five Target Set:	0.005
The Average Point of Impact of the Five Target Set:	0.081
The Average Mean Radius of the Five Target Set:	0.969
The Distance from POA to Centroid Target #1:	0.414
The Distance from Centroid Target #2 to Centroid Target #1:	0.376
The Distance from Centroid Target #3 to Centroid Target #1:	0.511
The Distance from Centroid Target #4 to Centroid Target #1:	0.618
The Distance from Centroid Target #5 to Centroid Target #1:	0.211

SERIAL NUMBER: C6349224. __0

TARGET NUMBER: 1

FILE DATE: 04/22/2005

FILE TIME: 03:53

POINT#	X	Y
1:	1.670	-0.997
2:	0.525	-0.682
3:	0.068	-0.735
4:	0.383	-0.054
5:	-1.468	-0.668
6:	-2.815	0.172
7:	-0.190	0.411
8:	-0.362	0.831
9:	-0.958	0.906
10:	-0.866	1.845

X CENTROID: -0.401

Y CENTROID: 0.103

POA TO CENTROID: 0.414

HORZ SPREAD: 4.485

VERT SPREAD: 2.842

GROUP SPREAD: 4.635

MIN RADIUS: 0.374

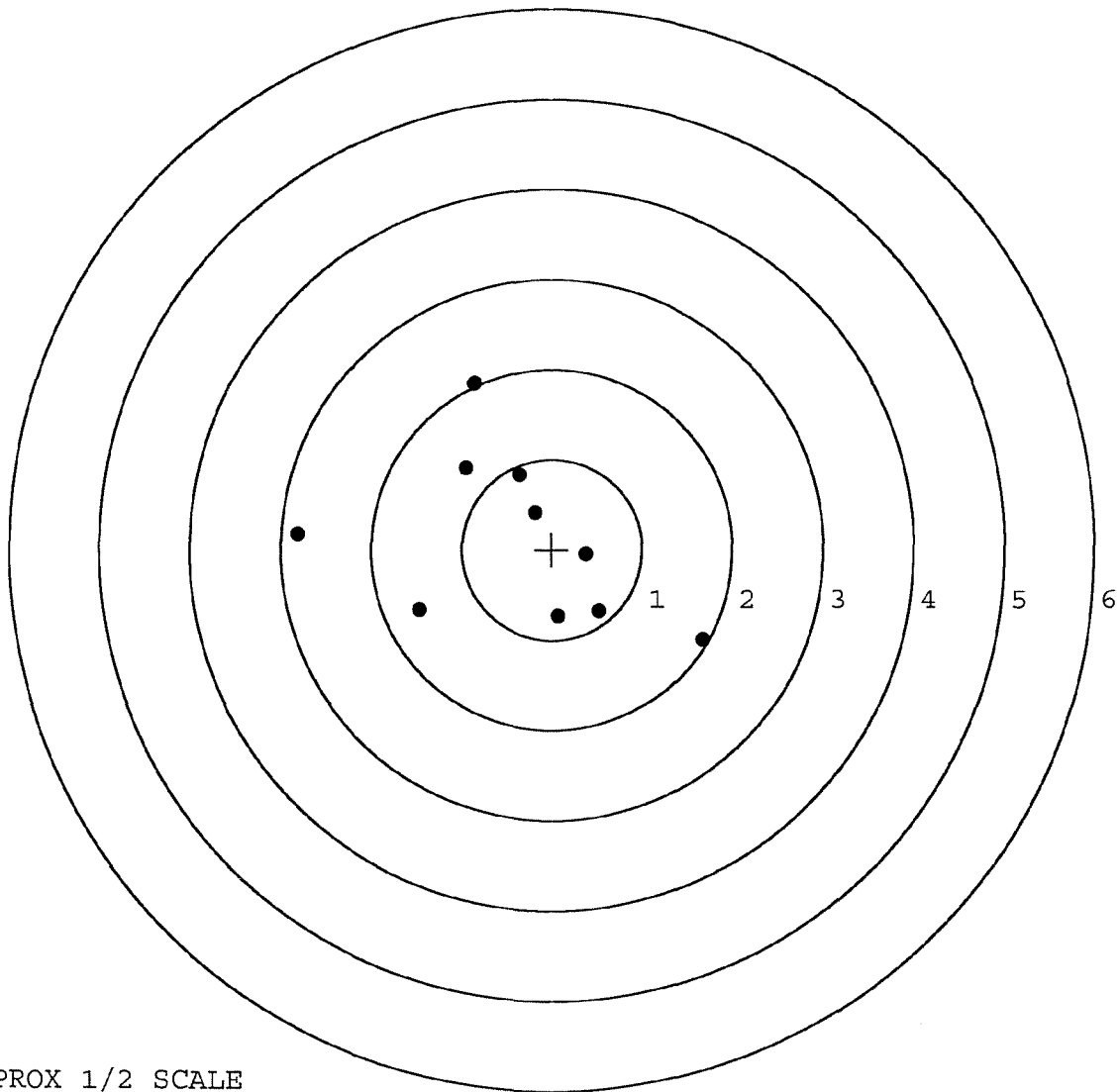
MAX RADIUS: 2.415

MEAN RADIUS: 1.293

IN 1 IN DIAMETER: 1

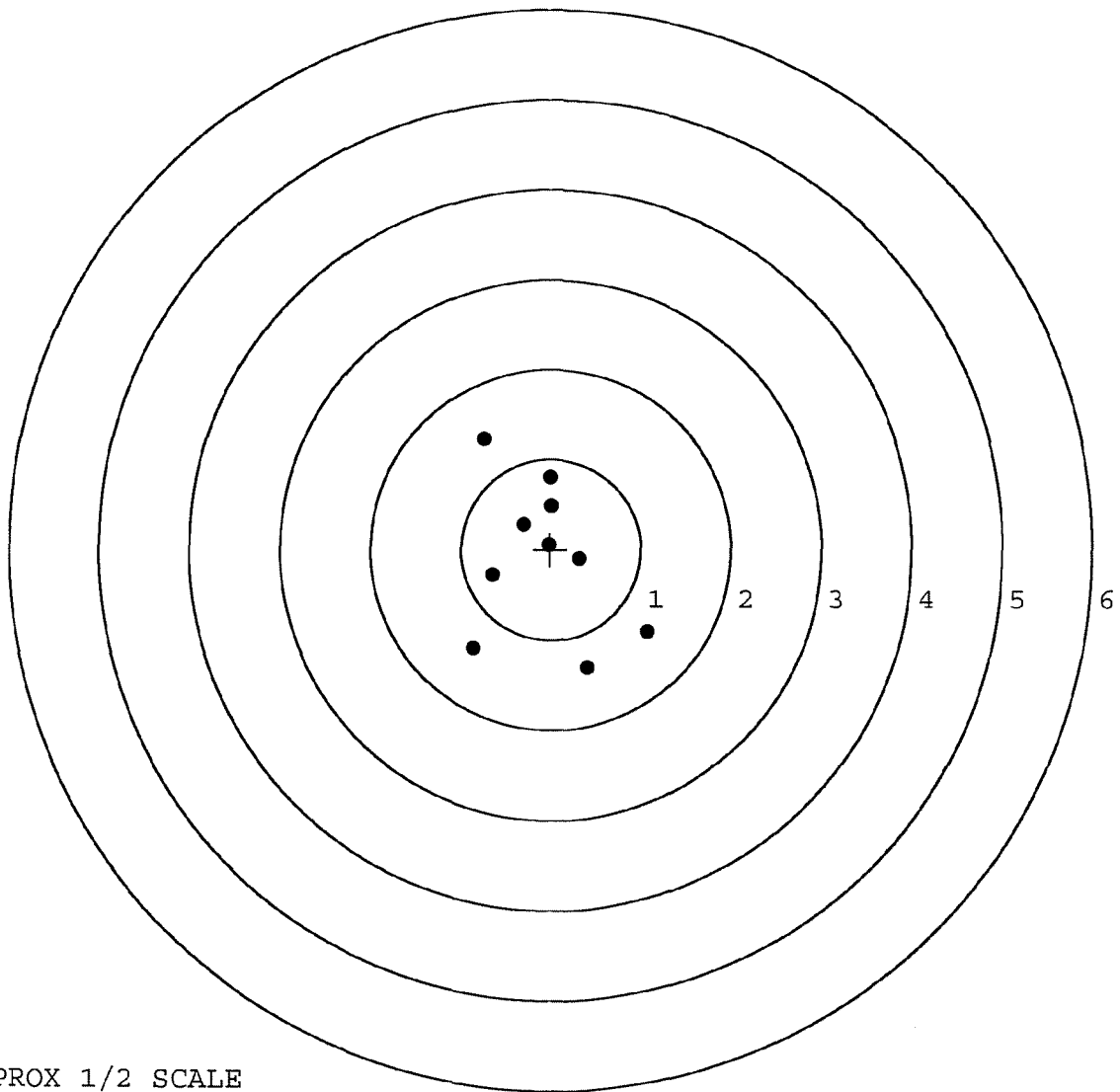
IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349224. 0	POINT#	X	Y
TARGET NUMBER: 2	1:	1.068	-0.919
FILE DATE: 04/22/2005	2:	0.411	-1.311
FILE TIME: 03:53	3:	-0.652	-0.281
	4:	-0.870	-1.094
X CENTROID: -0.077	5:	0.322	-0.105
Y CENTROID: -0.089	6:	-0.748	1.225
POA TO CENTROID: 0.118	7:	0.004	0.794
HORZ SPREAD: 1.938	8:	0.012	0.480
VERT SPREAD: 2.536	9:	-0.301	0.276
GROUP SPREAD: 2.810	10:	-0.018	0.048
MIN RADIUS: 0.149			
MAX RADIUS: 1.475			
MEAN RADIUS: 0.853			
# IN 1 IN DIAMETER: 3			
# IN 2 IN DIAMETER: 6			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE

BARBER - M24 0110490

SERIAL NUMBER: C6349224. __0

TARGET NUMBER: 3

FILE DATE: 04/22/2005

FILE TIME: 03:53

POINT#	X	Y
1:	0.920	-0.393
2:	1.053	0.243
3:	1.045	0.270
4:	0.438	0.232
5:	0.520	0.468
6:	-0.922	0.717
7:	-1.122	0.421
8:	-0.638	-0.872
9:	0.194	-0.199
10:	-0.146	-0.135
11:	-0.140	0.256

X CENTROID: 0.109

Y CENTROID: 0.092

POA TO CENTROID: 0.143

HORZ SPREAD: 2.175

VERT SPREAD: 1.589

GROUP SPREAD: 2.198

MIN RADIUS: 0.299

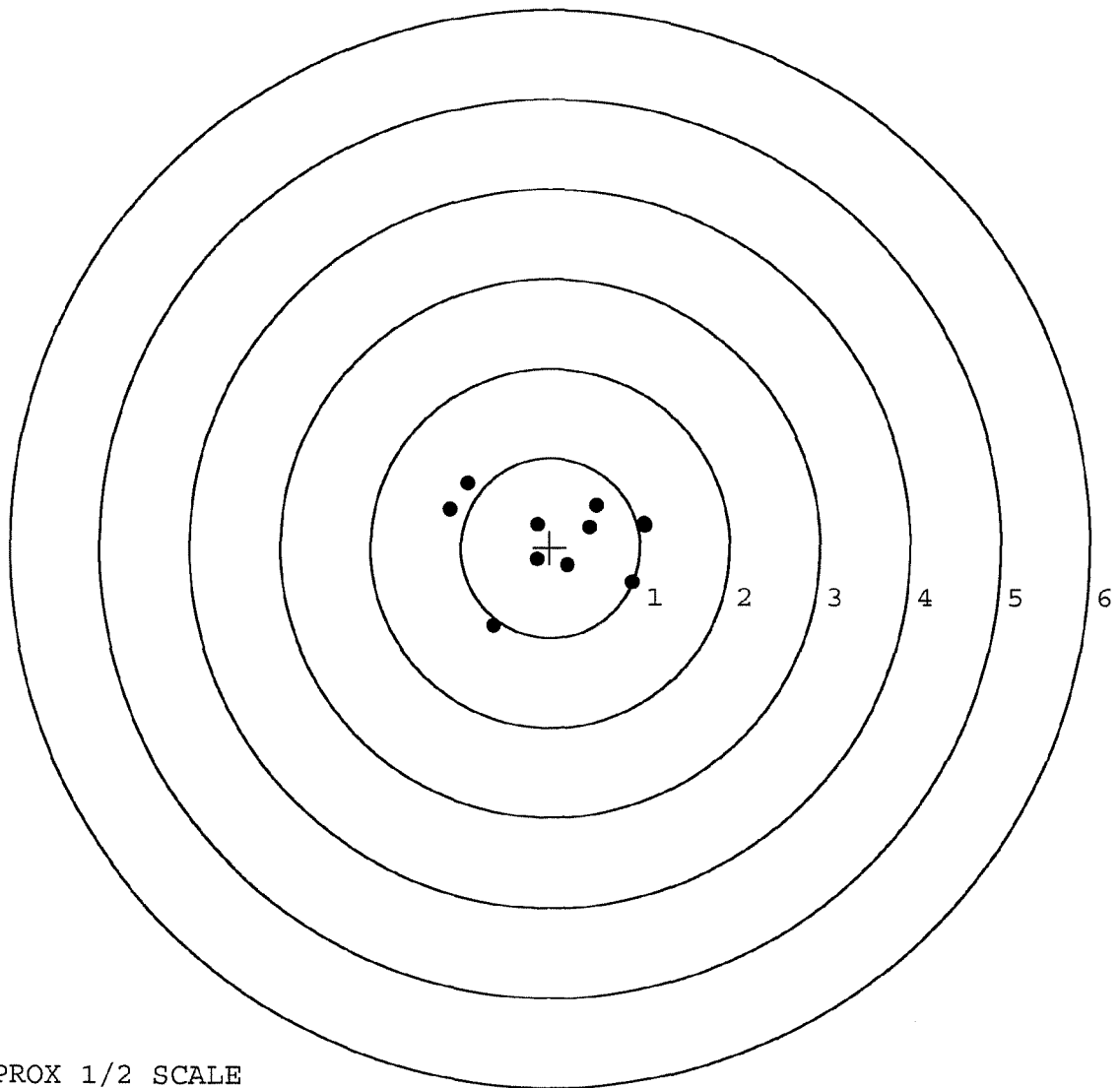
MAX RADIUS: 1.275

MEAN RADIUS: 0.765

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 11



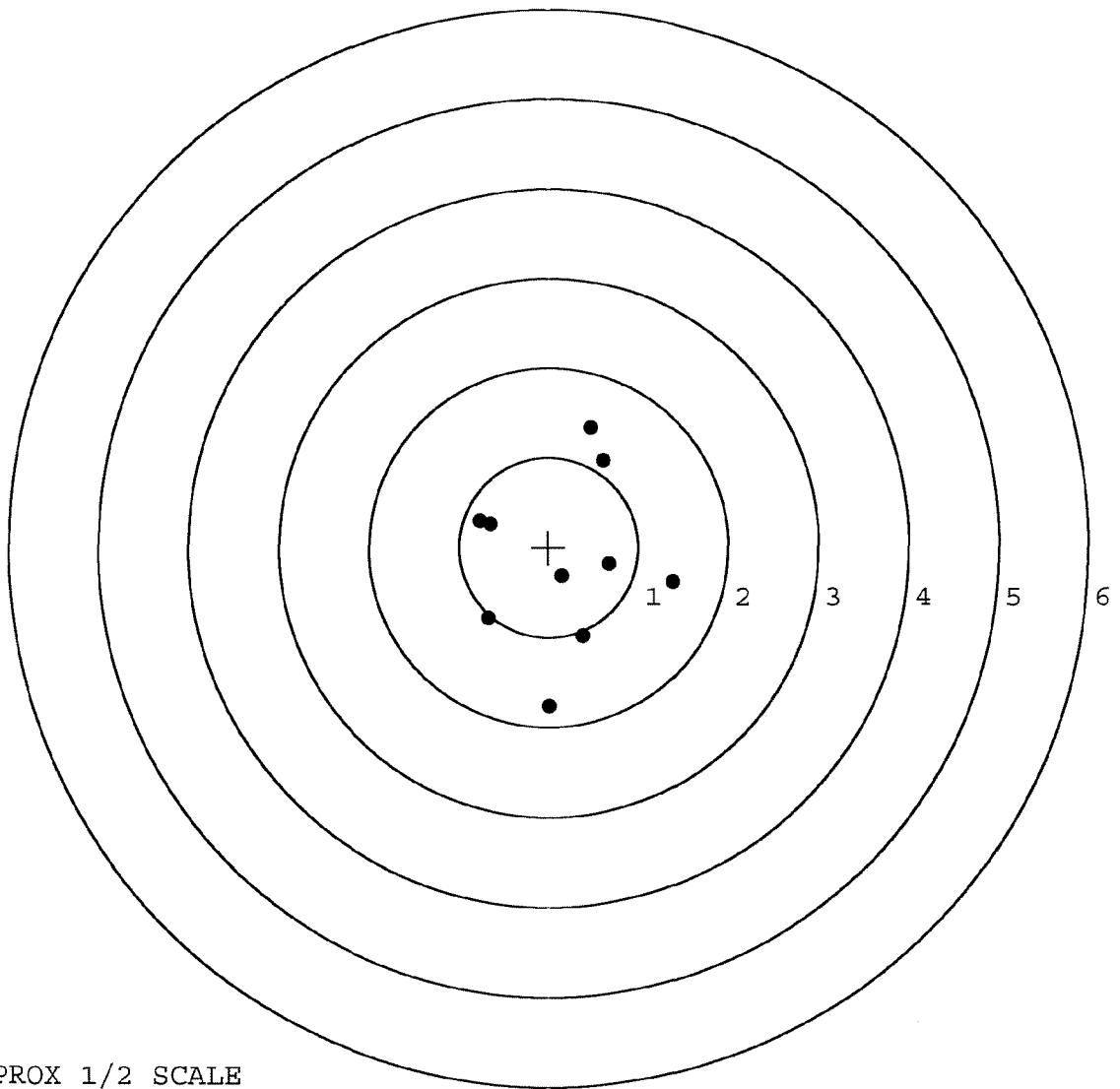
TARGET APPROX 1/2 SCALE

BARBER - M24 0110491

SERIAL NUMBER: C6349224. __0
 TARGET NUMBER: 4
 FILE DATE: 04/22/2005
 FILE TIME: 03:53

POINT#	X	Y
1:	1.381	-0.392
2:	0.680	-0.188
3:	0.149	-0.326
4:	0.384	-0.987
5:	0.010	-1.775
6:	-0.679	-0.792
7:	-0.654	0.264
8:	0.612	0.960
9:	0.471	1.331
10:	-0.778	0.294

X CENTROID: 0.158
 Y CENTROID: -0.161
 POA TO CENTROID: 0.225
 HORZ SPREAD: 2.159
 VERT SPREAD: 3.106
 GROUP SPREAD: 3.140
 MIN RADIUS: 0.165
 MAX RADIUS: 1.621
 MEAN RADIUS: 1.015
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 4
 # in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349224. __0

TARGET NUMBER: 5

FILE DATE: 04/22/2005

FILE TIME: 03:53

POINT#	X	Y
1:	0.509	1.004
2:	0.223	0.749
3:	0.159	0.517
4:	-0.736	0.449
5:	-1.026	-0.091
6:	-1.951	0.611
7:	0.171	-0.097
8:	0.300	-0.406
9:	0.212	-0.843
10:	0.226	-1.075

X CENTROID: -0.191

Y CENTROID: 0.082

POA TO CENTROID: 0.208

HORZ SPREAD: 2.460

VERT SPREAD: 2.079

GROUP SPREAD: 2.754

MIN RADIUS: 0.404

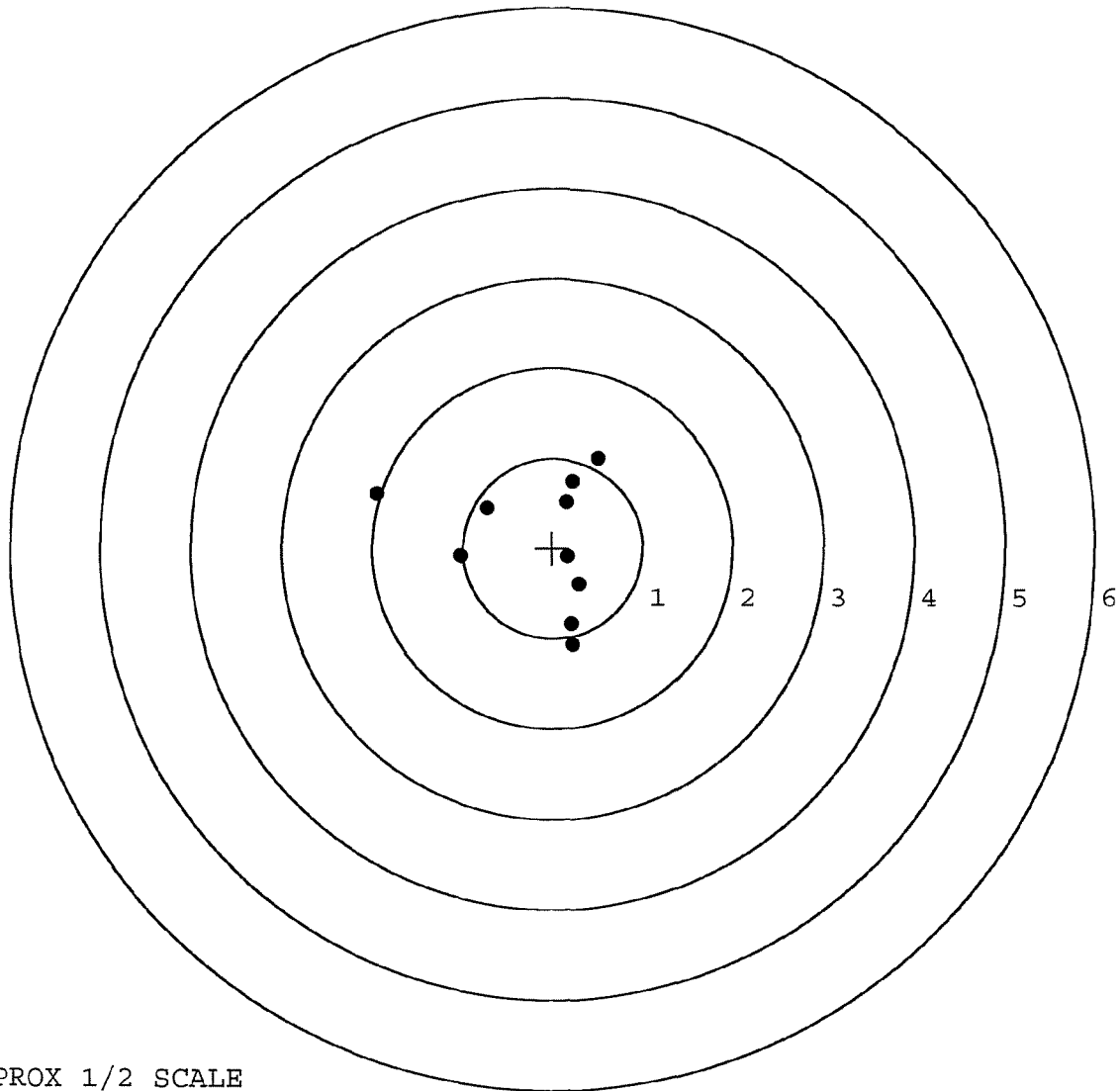
MAX RADIUS: 1.838

MEAN RADIUS: 0.918

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

R & E NUMBER	92557		
SERIAL NUMBER	C6349224		
LOG-IN DATE	2-7-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	3-14-05	RTZ
560 A	RE-BARREL	3-17-05	RTZ
B	DRILL AND TAP	3-21-05	TRW
575	ASSEMBLE	3-18-05	RTZ
600	PROOF	3-21-05	AC
605	CHECK HEADSPACE	3-21-05	AC
610	DIS-ASSEMBLE GUN	3-21-05	RTZ
612	MAGNAFLUX	3-21-05	AC
615	ROLLMARK CALIBER	3-23-05	CW
618	ROTO-BLAST	3/29	AC
620	APPLY COATINGS	4/5	HP
625 A	FINAL ASSEMBLY	4-14-05	RTZ
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	4-26-05	AC
D	SAFETY "OFF" FORCE	4-26-05	AC
E	FIRING PIN INDENT	4-26-05	AC
640	TARGET	4-22-05	TRW
655	FINAL INSPECT	4-26-05	AC
660	PACK	4-27-05	OA
		SHIP DATE	
		QAR INSPECTION DATE	

Remington DU PONT REG. U.S. PAT. & TM. OFF.		VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700 TM M24		SERIAL NO. C6349224
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.		ORDER NO. 5716



5716 C6349224



0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349224

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	3 31	90	RW
600	Proof	3 31	90	RW
607	Check Headspace	3 31	90	RW
610	Dis-assemble Gun	3 31	90	RW
612	Magnaflux Barrel Action	4-2-90		KCR
	Magnaflux Bolt	4-2-90		KCR
615	Rollmark Caliber	4-2-90		GL
617	Drill and Tap Sight Holes		4/4/90	FB
618	Polish Barrel RW		4/5/90	WB
620	Apply Coatings (Barrel Action)		4-90	JS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/1/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/1/90	RW
	C) Inspect Ejector Hole for Chamfer		5/1/90	RW
	D) Oil Firing Pin Ass'y		5/1/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/17/90	SM

BARBER - M24 0110496

BARBER - M24 0110496								
op. #	OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	4	4	4	5/18/90	WB		
	G) Safety Off Force	7 1/2	7	7	5/18/90	WB		
	H) Trigger Pull Test & Retainability				5/17/90	JH		
	I) Firing Pin Indent	.0235	.0235	.0235	5/18/90	WB		
	J) Assemble Stock				5/19/90	RW		
	K) Assemble Swivel Studs				25 May 90	JH		
	L) Attach Front and Rear Sight Assemblies				5/19/90	RW		
	M) Iron Sight Alignment				5/19/90	RW		
	N) Detach Front & Rear Sights & place in numbered container				5/19/90	RW		
	O) Attach Scope to Rifle				5/19/90	WB		
	P) Detach & Attach Scope 20 Times				5/19/90	WB		
640	Gallery Target & Test				5-19-90	DH		
	A) Time				5-19-90	DH		
	B) Malfunctions				5-19-90	DH		
	C) Pierced Primers				5-19-90	DH		
	D) Optical Clarity of Scope				5-19-90	DH		
645	Inspect for Live Ammo				5-19-90	DH		
655	Final Inspection							
	A) Headspace				25 May 90	JH		
	B) Trigger Pull	221	210	217	216	212	25 May 90	JH
	C) Function						25 May 90	JH
660	Pack						6/20/90	DH

BARBER - M24 0110497

1141

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 06349224DATE 5-17-90TESTER JRL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & 1 TO RESET 2.50#		COMMENTS
PULL #1	2.45	2.39	2.18	2.21	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.30	2.34	2.20	2.10	
PULL #3	2.26	2.21	2.25	2.17	
PULL #4	2.31	2.30	2.40	2.16	
PULL #5	2.24	2.40	2.20	2.12	
TOTAL	11.56	11.64	11.23		
AVG.	2.312	2.328	2.246		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.45	3.14		
PULL #2	3.50	3.18		
PULL #3	3.24	3.35		
PULL #4	3.31	3.29		
PULL #5	3.44	3.27		
TOTAL	16.94	16.23		
AVG.	3.388	3.246		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.22	4.16		4.33
PULL #2	4.13	4.16		4.30
PULL #3	4.14	4.17		4.42
PULL #4	4.15	4.20		4.22#
PULL #5	4.22	4.11		4.21
TOTAL	20.86	20.80		21.48
AVG.	4.172	4.16		4.296

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349224
21 May 1990

CENTROIDAL DISTANCES

0 TO	1	.856152
1 TO	2	.491253
1 TO	3	.397646
1 TO	4	.218289
1 TO	5	.210858

+ $2^{4.5}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .8524
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .142
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .864147
THE AMR FOR THIS RIFLE IS: .9202

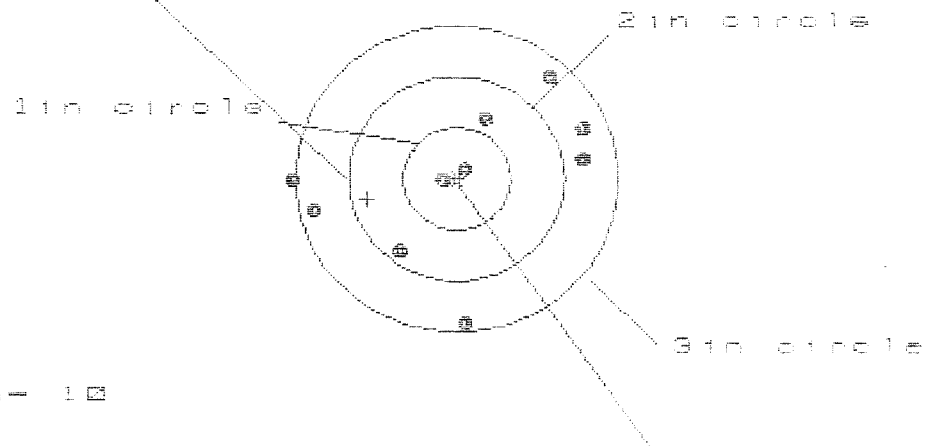
21 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06349824

CENTERFIRE PATTERNS

1

POA



OF SHOTS - 10

IN CIR

1in = 2

2in = 4

3in = 6

HE# 2.726

VB# 2.340

CE# 2.732

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.212	1.044	.853
MINIMUM X	-1.514	-1.528	-.891
MAXIMUM Y	.954	.956	.919
MINIMUM Y	-1.386	-1.384	-1.421
CENTROID X	.831	.999	1.190
CENTROID Y	.206	.204	.241
POA TO CENTROID in.	.856	1.019	1.314
MIN RADIUS	.152	.153	.271
MEAN RADIUS	.991	.929	.851
MAX RADIUS	1.514	1.557	1.454
HORIZONTAL SPREAD	2.726	2.572	1.744
VERTICAL SPREAD	2.340	2.340	2.340
EXTREME SPREAD	2.732	2.621	2.464
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	9		

21 May 1990

FILE:/PATTERNING/CENTERFIRE_PATT/06349224

CENTERFIRE PATTERNS

2

POR

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS = 10

IN CIR

1in = 0

2in = 7

3in = 10

HS = 1.511

VS = 2.346

GS = 2.346

PATTERN #

2

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.695	.709	.729
MINIMUM X	:	-.816	-.802	-.782
MAXIMUM Y	:	1.274	.999	.883
MINIMUM Y	:	-1.073	-.931	-.978
CENTROID X	:	.500	.486	.466
CENTROID Y	:	-.157	-.298	-.182
POR TO CENTROID in.	:	.524	.570	.500
MIN RADIUS	:	.589	.447	.554
MEAN RADIUS	:	.893	.833	.819
MAX RADIUS	:	1.280	1.050	1.041
HORIZONTAL SPREAD	:	1.511	1.511	1.511
VERTICAL SPREAD	:	2.346	1.930	1.861
EXTREME SPREAD	:	2.346	1.989	1.974
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

21 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08349824

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 4

2in = 7

3in = 9

HS = 3.032

VS = 1.535

GS = 3.057

CENTROID #

PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.898	.718	.688
MINIMUM X	-1.134	-.924	-.672
MAXIMUM Y	.631	.672	.675
MINIMUM Y	-.904	-.863	-.860
CENTROID X	1.122	.912	1.027
CENTROID Y	.477	.436	.433
POA TO CENTROID in.	1.219	1.010	1.115
MIN RADIUS	.128	.199	.195
MEAN RADIUS	.717	.585	.524
MAX RADIUS	1.933	.924	.955
HORIZONTAL SPREAD	3.032	1.642	1.275
VERTICAL SPREAD	1.535	1.535	1.535
EXTREME SPREAD	3.057	1.688	1.626
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

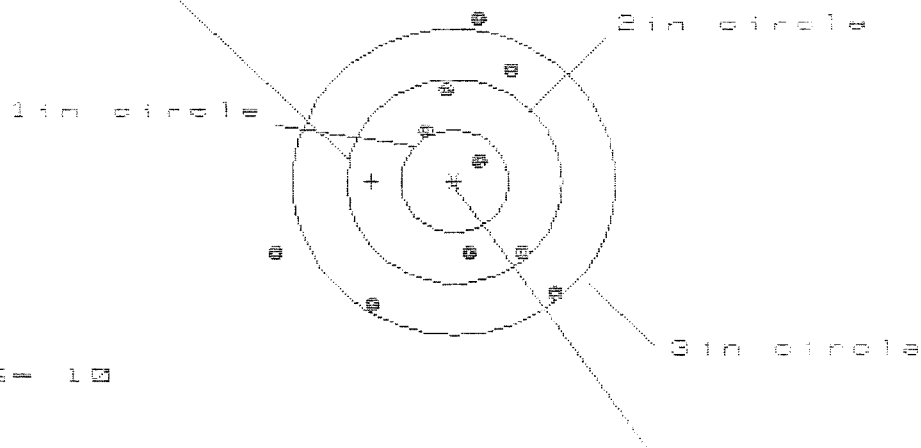
21 May 1998

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CENTERFIRE PATTERNS

4

POR



OF SHOTS = 10

IN CIR

1in = 1

2in = 5

3in = 5

HS = 2.545

VS = 2.823

GS = 3.000

CENTROID #

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.962	.775	.783
MINIMUM X	-1.604	-.953	-.945
MAXIMUM Y	1.603	1.527	1.249
MINIMUM Y	-1.220	-1.296	-1.105
CENTROID X	.768	.955	.947
CENTROID Y	-.003	.074	-.117
POR TO CENTROID in.	.768	.958	.954
MIN RADIUS	.308	.142	.332
MEAN RADIUS	1.102	.993	.932
MAX RADIUS	1.818	1.608	1.454
HORIZONTAL SPREAD	2.646	1.728	1.728
VERTICAL SPREAD	2.823	2.823	2.354
EXTREME SPREAD	3.000	3.000	2.694
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		8	

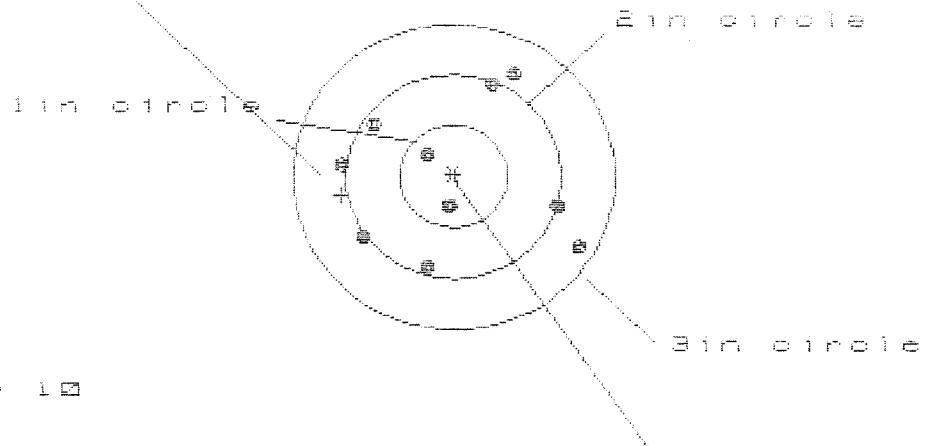
21 May 1938

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CENTERFIRE PATTERNS

5

FOR



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 5

3 in = 10

HS = 2.176

VS = 1.933

CS = 2.323

CENTROID *

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.140	1.050	1.141
MINIMUM X	-1.036	-.910	-.819
MAXIMUM Y	.999	.922	.990
MINIMUM Y	-.934	-1.011	-.896
CENTROID X	1.041	.915	.824
CENTROID Y	.187	.264	.149
FOR TO CENTROID in.	1.058	.952	.808
MIN RADIUS	.316	.191	.289
MEAN RADIUS	.898	.830	.775
MAX RADIUS	1.338	1.173	1.158
HORIZONTAL SPREAD	2.176	1.960	1.960
VERTICAL SPREAD	1.933	1.933	1.886
EXTREME SPREAD	2.323	2.148	1.991
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		10	