

C6348965

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.





RECORDS CONTROL SCHEDULE

RECORDS CATEGORY OR TITLE:

119 - ILION PLANT MONTHLY STATUS

REPORT

COPY "O" (OFFICIAL) ☐ "X" (EXTRA) ☒

TOTAL RETENTION: MAX. 2 YEARS

GS-11050 Rev. 8/78

REPORT

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: RE00144837

Serial: C6348965 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 4/24/2008 10:56:30 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: B/210THBSB

B/210THBSB

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	Frt and Rear Sgt Base	1

naglelj

4/24/2008

12:25 PM

NUM



Serial Number: C6348965

Model: M24 SWS



RE00144837

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348965.___0
FILE DATE AND TIME: 05/22/2008 05:40

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.045
The Average Y Centroid of the Five Target Set:	-0.093
The Average Point of Impact of the Five Target Set:	0.103
The Average Mean Radius of the Five Target Set:	0.753
The Distance from POA to Centroid Target #1:	0.319
The Distance from Centroid Target #2 to Centroid Target #1:	0.268
The Distance from Centroid Target #3 to Centroid Target #1:	0.317
The Distance from Centroid Target #4 to Centroid Target #1:	0.505
The Distance from Centroid Target #5 to Centroid Target #1:	0.301

BARBER - M24 0042747

SERIAL NUMBER: C6348965. __0

TARGET NUMBER: 1

FILE DATE: 05/22/2008

FILE TIME: 05:40

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

1:	0.844	0.191
----	-------	-------

2:	0.623	-0.069
----	-------	--------

3:	0.329	0.412
----	-------	-------

4:	-0.236	0.186
----	--------	-------

5:	-0.570	0.038
----	--------	-------

6:	-0.182	-0.250
----	--------	--------

7:	0.010	-0.476
----	-------	--------

8:	-0.398	-0.588
----	--------	--------

9:	-1.452	-0.017
----	--------	--------

10:	-2.009	-0.376
-----	--------	--------

X CENTROID: -0.304

Y CENTROID: -0.095

POA TO CENTROID: 0.319

HORZ SPREAD: 2.853

VERT SPREAD: 1.000

GROUP SPREAD: 2.909

MIN RADIUS: 0.197

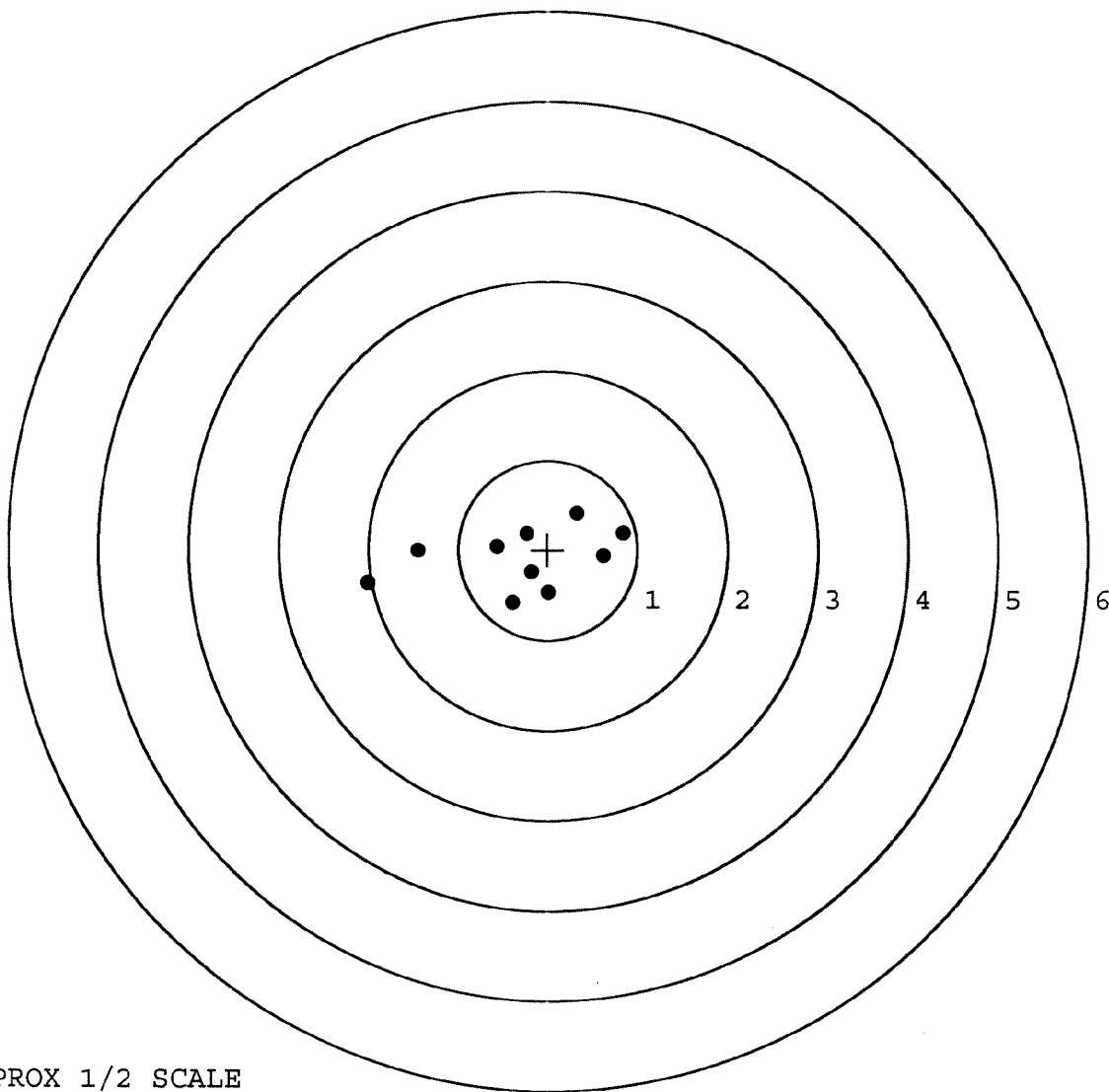
MAX RADIUS: 1.728

MEAN RADIUS: 0.758

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0042748

SERIAL NUMBER: C6348965. __0

TARGET NUMBER: 2

FILE DATE: 05/22/2008

FILE TIME: 05:40

POINT#	X	Y
1:	0.471	-1.012
2:	0.544	-0.756
3:	-0.457	-1.191
4:	0.425	-0.205
5:	0.761	0.110
6:	-0.248	0.451
7:	-0.303	0.009
8:	-1.014	0.487
9:	-1.475	0.447
10:	0.399	-0.903

X CENTROID: -0.090

Y CENTROID: -0.256

POA TO CENTROID: 0.272

HORZ SPREAD: 2.236

VERT SPREAD: 1.678

GROUP SPREAD: 2.432

MIN RADIUS: 0.340

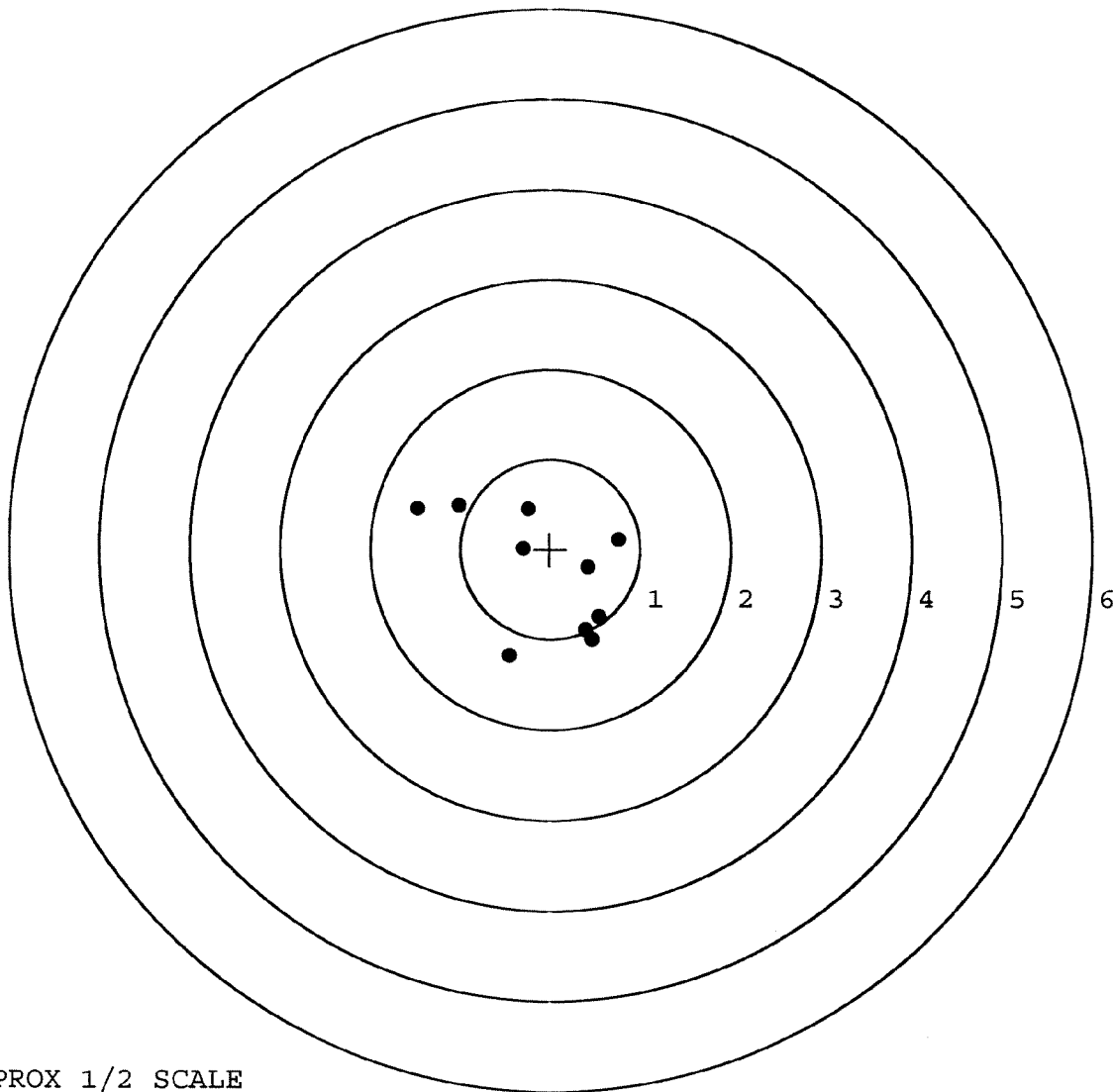
MAX RADIUS: 1.554

MEAN RADIUS: 0.881

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0042749

SERIAL NUMBER: C6348965. 0

TARGET NUMBER: 3

FILE DATE: 05/22/2008

FILE TIME: 05:40

POINT#	X	Y
1:	1.112	0.058
2:	0.877	0.348
3:	0.380	0.699
4:	0.159	0.611
5:	0.090	0.264
6:	0.364	-0.281
7:	-0.575	-0.913
8:	-0.697	-0.103
9:	-0.721	0.238
10:	-1.242	-0.361

X CENTROID: -0.025

Y CENTROID: 0.056

POA TO CENTROID: 0.061

HORZ SPREAD: 2.354

VERT SPREAD: 1.612

GROUP SPREAD: 2.391

MIN RADIUS: 0.238

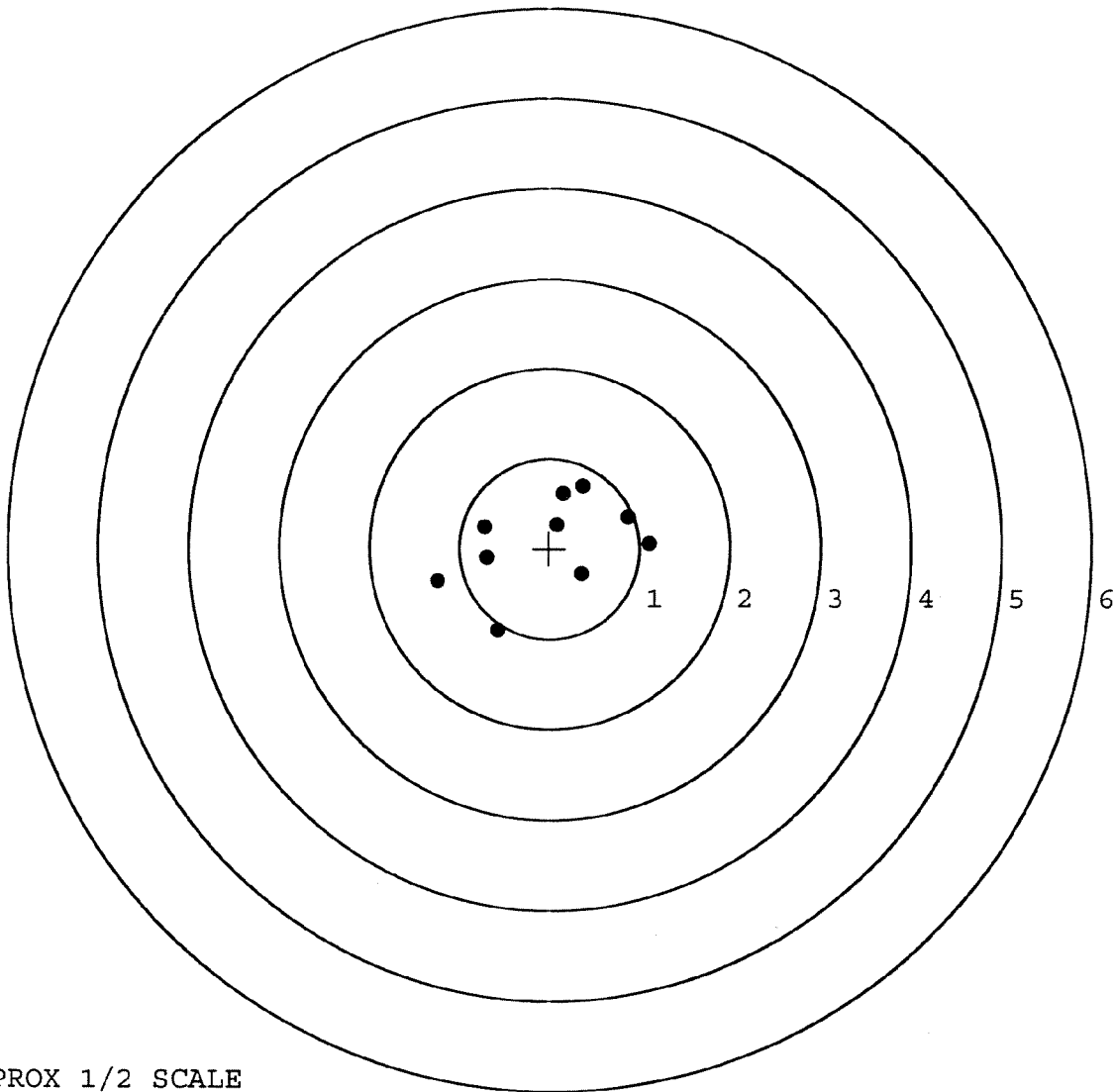
MAX RADIUS: 1.286

MEAN RADIUS: 0.799

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0042750

SERIAL NUMBER: C6348965. 0

TARGET NUMBER: 4

FILE DATE: 05/22/2008

FILE TIME: 05:40

POINT#	X	Y
1:	1.061	-1.402
2:	1.431	-0.178
3:	0.142	-0.701
4:	-0.648	-0.445
5:	-0.429	-0.233
6:	-0.202	-0.034
7:	0.045	0.019
8:	0.387	0.646
9:	0.260	0.541
10:	-0.040	0.624

X CENTROID: 0.201

Y CENTROID: -0.116

POA TO CENTROID: 0.232

HORZ SPREAD: 2.079

VERT SPREAD: 2.048

GROUP SPREAD: 2.306

MIN RADIUS: 0.206

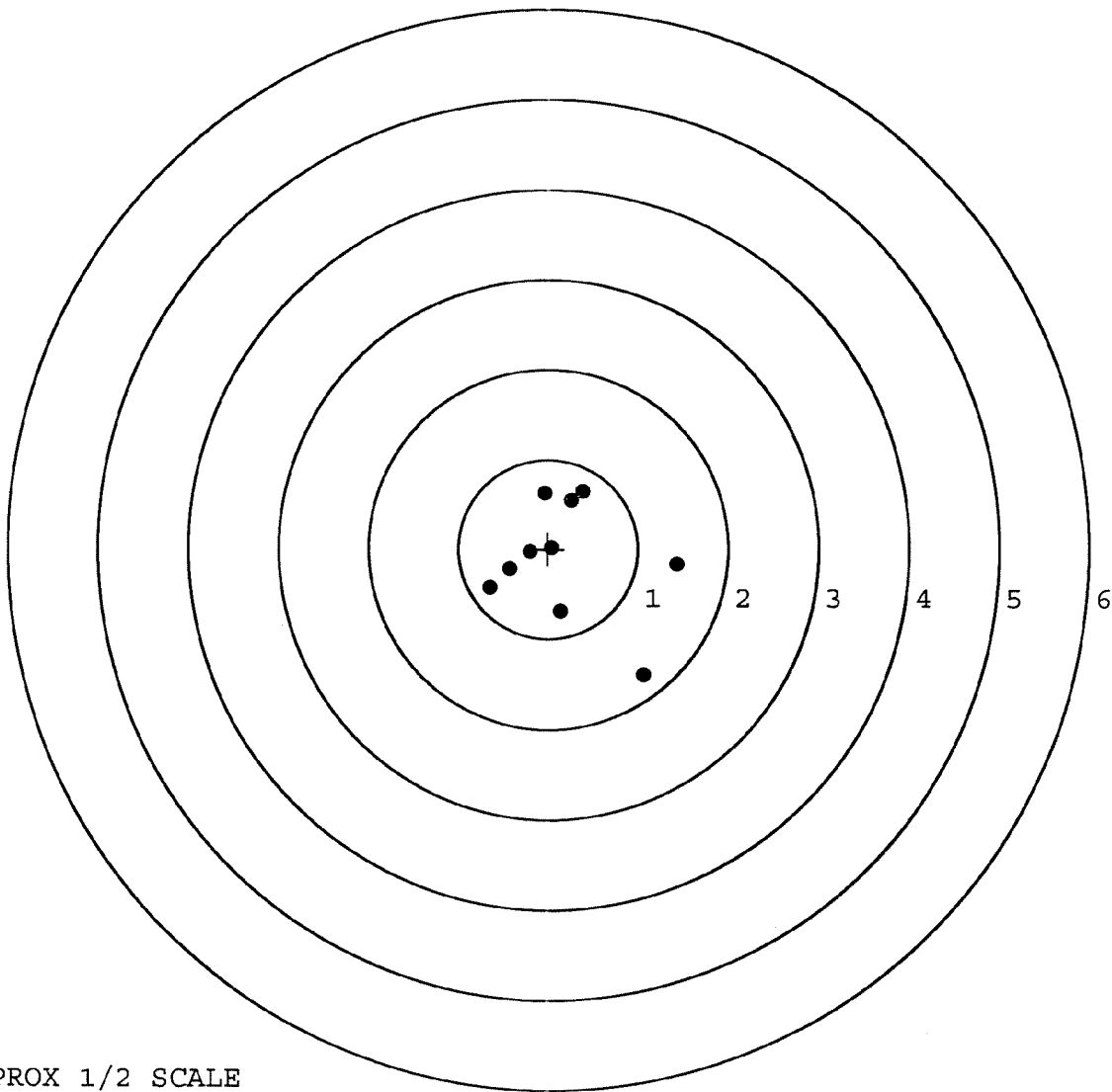
MAX RADIUS: 1.547

MEAN RADIUS: 0.776

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0042751

SERIAL NUMBER: C6348965. __0

TARGET NUMBER: 5

FILE DATE: 05/22/2008

FILE TIME: 05:40

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

1:	0.341	-1.386
----	-------	--------

2:	0.682	0.469
----	-------	-------

3:	0.192	0.213
----	-------	-------

4:	0.332	-0.146
----	-------	--------

5:	-0.557	0.967
----	--------	-------

6:	-0.194	0.130
----	--------	-------

7:	-0.070	-0.019
----	--------	--------

8:	-0.355	-0.072
----	--------	--------

9:	-0.232	-0.266
----	--------	--------

10:	-0.199	-0.426
-----	--------	--------

X CENTROID: -0.006

Y CENTROID: -0.054

POA TO CENTROID: 0.054

HORZ SPREAD: 1.239

VERT SPREAD: 2.353

GROUP SPREAD: 2.519

MIN RADIUS: 0.073

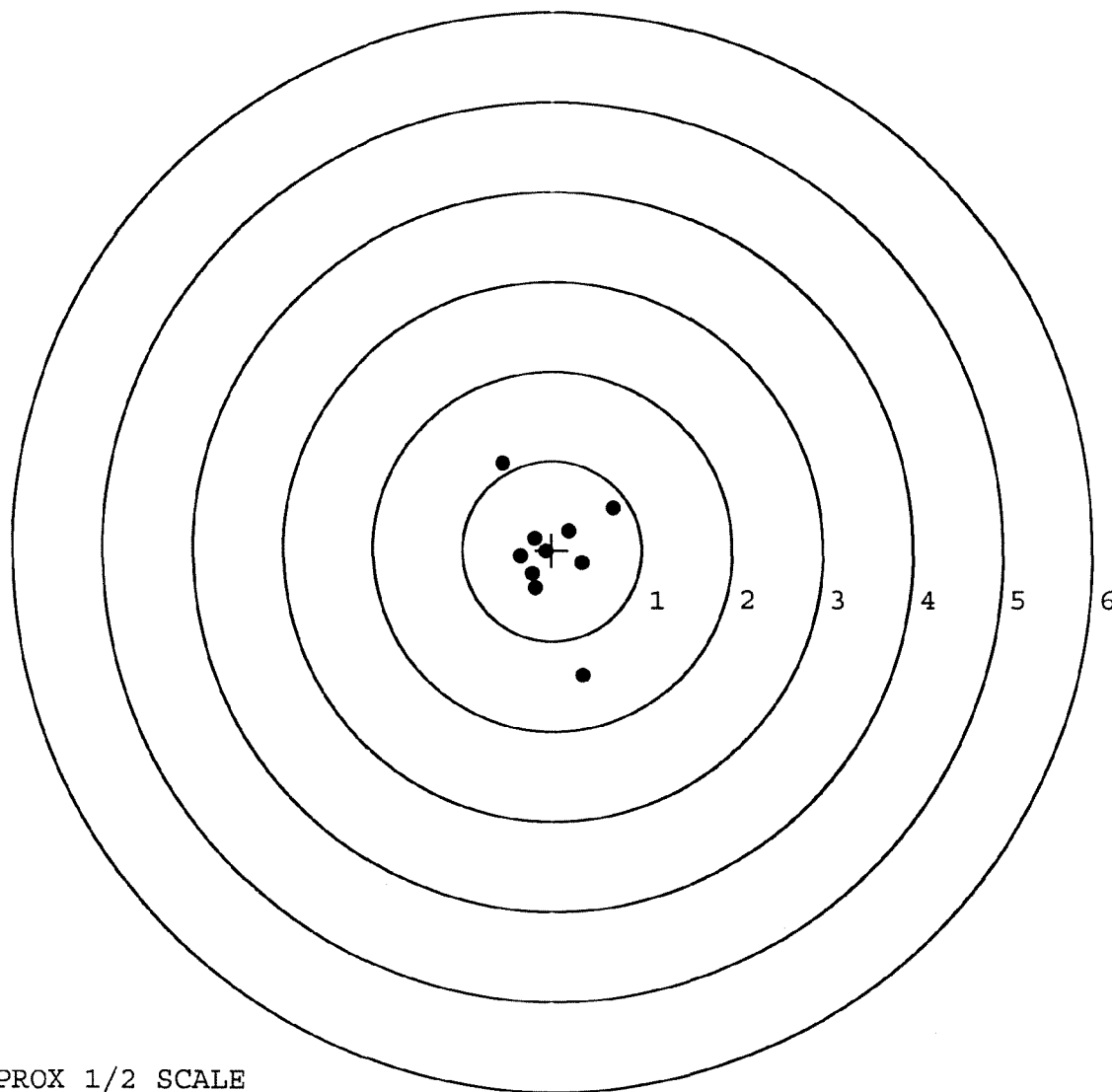
MAX RADIUS: 1.377

MEAN RADIUS: 0.550

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

R & E NUMBER

144837

SERIAL NUMBER

C6348965

LOG-IN DATE

4-24-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	5-5-08	RT
505	RE-BARREL	5-6-08	RT
560	ASSEMBLE	5-6-08	RT
600	PROOF	5-7-08	TRW
605	CHECK HEADSPACE	5-7-08	TRW
610	DIS-ASSEMBLE GUN	5-7-08	RT
612	MAGNAFLUX	5/9/08	unmb
510	DRILL AND TAP	5-7-08	TRW
615	ROLLMARK CALIBER	5-7-08	CW
618	ROTO-BLAST	5-9-08	OG
620	APPLY COATINGS	5/19/08	CM
625	FINAL ASSEMBLY	5-21-08	RT
640	FUNCTION TEST AND	5-21-08	SD
650	TARGET	5-21-08	SD
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	5-21-08	RP
	A) HEADSPACE	5/22/08	Fm
	B) TRIGGER PULL	5/22/08	Fm
		2.55 2.55 2.63 2.73 2.58 5-22-08	TRW
680	F) SAFETY ON FORCE	5-5 5-5 5- 5-22/08	Fm
	G) SAFETY OFF FORCE	4- 4- 4- 5/22/08	Fm
	I) FIRING PIN INDENT	.023 .023 .022 5/22/08	Fm
690	PACK	5/30/08	Fm

BARBER - M24 0042753

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: **RE00092985** Serial: **C6348965** Model: **M24 SWS** Center Fire
 Caliber: **7.62 NATO** Produced: **12/13/1989** Repairman: _____ Status: **Closed 2/11/2005 7:31:00 AM**

Verify Repair: _____

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**

FIL: _____

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	Frt and Rear Sgt Base	1

Repair Search Refresh Close

header 2/14/2005 10:11 AM CAPS NUM INS SGP

start 5 2 3 Arms Service

Serial Number: **C6348965**
 Model: **M24 SWS**

RE00092985

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348965.__0

FILE DATE AND TIME: 03/24/2005 09:11

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

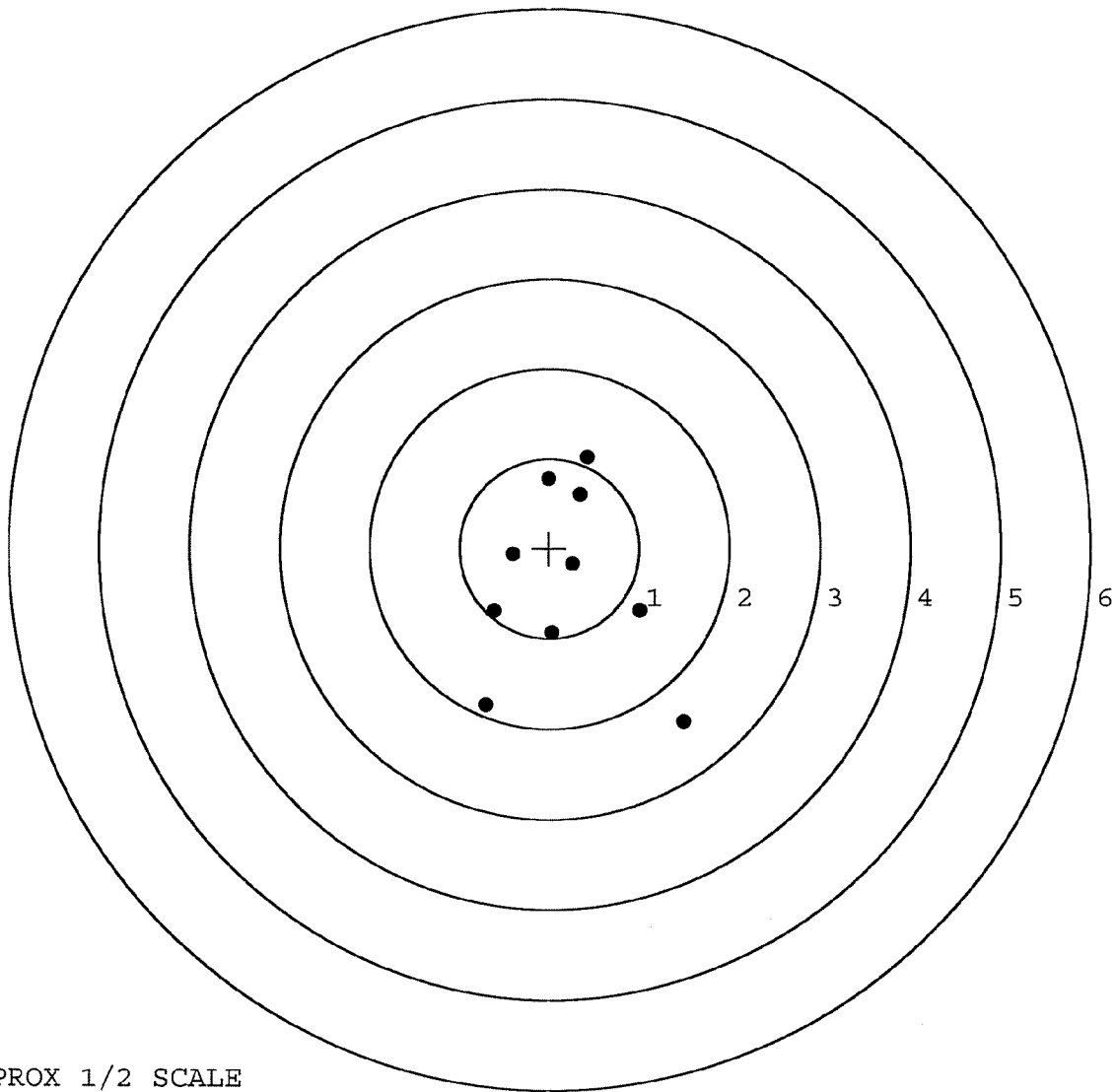
The Average X Centroid of the Five Target Set:	0.039
The Average Y Centroid of the Five Target Set:	0.015
The Average Point of Impact of the Five Target Set:	0.042
The Average Mean Radius of the Five Target Set:	1.057
The Distance from POA to Centroid Target #1:	0.427
The Distance from Centroid Target #2 to Centroid Target #1:	0.570
The Distance from Centroid Target #3 to Centroid Target #1:	0.773
The Distance from Centroid Target #4 to Centroid Target #1:	0.690
The Distance from Centroid Target #5 to Centroid Target #1:	0.371

BARBER - M24 0042755

SERIAL NUMBER: C6348965. __0
 TARGET NUMBER: 1
 FILE DATE: 03/24/2005
 FILE TIME: 09:11

POINT#	X	Y
1:	1.490	-1.921
2:	1.002	-0.696
3:	0.039	-0.941
4:	-0.711	-1.745
5:	-0.615	-0.705
6:	0.263	-0.180
7:	-0.413	-0.073
8:	0.341	0.601
9:	0.425	1.015
10:	-0.012	0.774

X CENTROID: 0.181
 Y CENTROID: -0.387
 POA TO CENTROID: 0.427
 HORZ SPREAD: 2.201
 VERT SPREAD: 2.936
 GROUP SPREAD: 3.123
 MIN RADIUS: 0.223
 MAX RADIUS: 2.017
 MEAN RADIUS: 1.044
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

BARBER - M24 0042756

SERIAL NUMBER: C6348965. __0

TARGET NUMBER: 2

FILE DATE: 03/24/2005

FILE TIME: 09:11

POINT#	X	Y
1:	-0.233	-0.668
2:	0.403	-0.485
3:	0.710	0.255
4:	0.311	0.356
5:	-0.273	0.200
6:	-0.696	-0.039
7:	-0.601	0.453
8:	-1.242	1.330
9:	0.515	0.381
10:	-1.135	-1.648

X CENTROID: -0.224

Y CENTROID: 0.014

POA TO CENTROID: 0.225

HORZ SPREAD: 1.952

VERT SPREAD: 2.978

GROUP SPREAD: 2.980

MIN RADIUS: 0.193

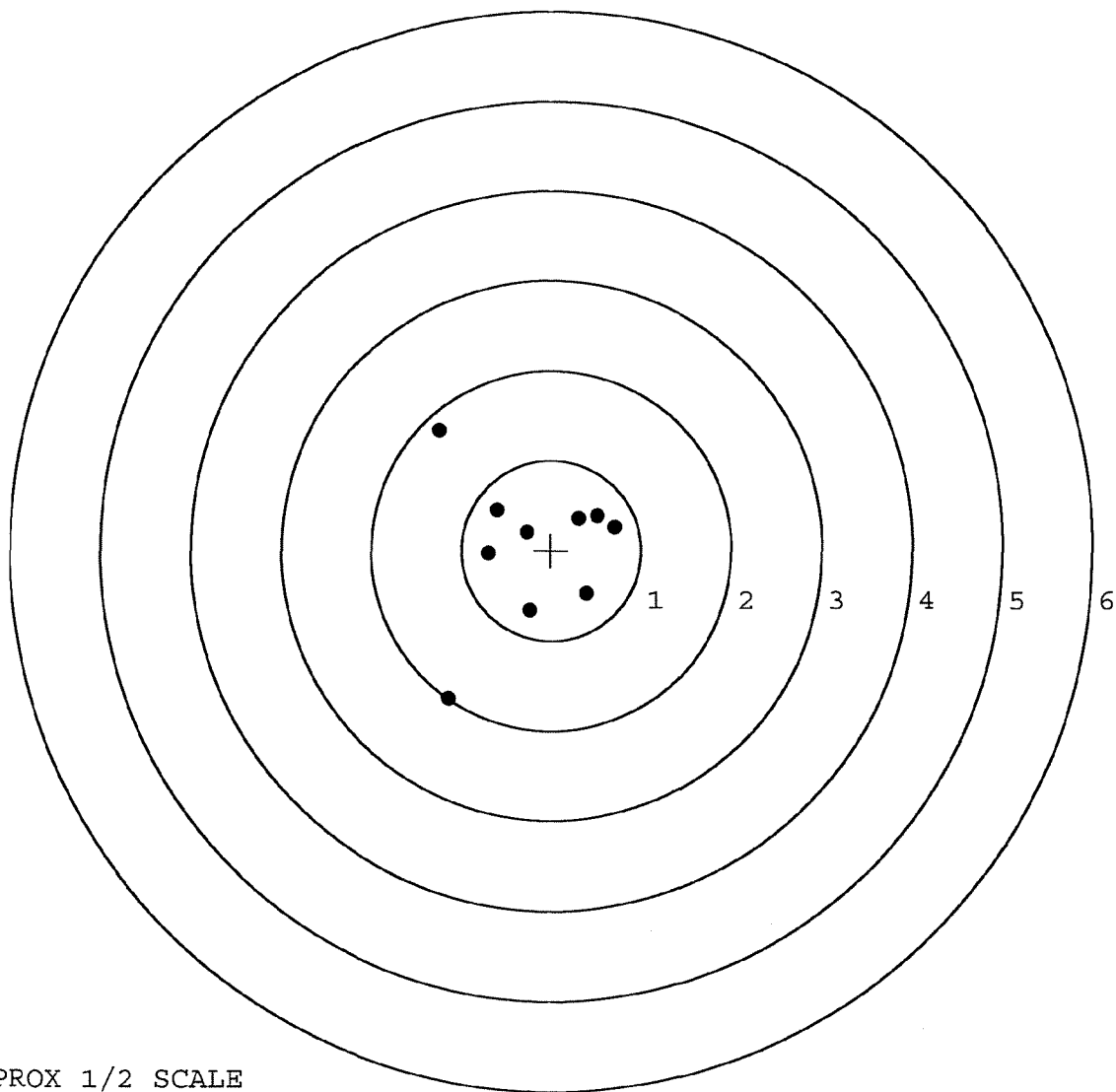
MAX RADIUS: 1.895

MEAN RADIUS: 0.871

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348965. __0

TARGET NUMBER: 3

FILE DATE: 03/24/2005

FILE TIME: 09:11

POINT#	X	Y
1:	0.672	0.068
2:	0.278	-0.175
3:	0.127	-0.768
4:	-0.603	-0.347
5:	-0.587	0.050
6:	0.096	0.592
7:	0.751	-1.657
8:	2.085	1.018
9:	0.700	2.131
10:	0.807	2.525

X CENTROID: 0.433

Y CENTROID: 0.344

POA TO CENTROID: 0.553

HORZ SPREAD: 2.688

VERT SPREAD: 4.182

GROUP SPREAD: 4.182

MIN RADIUS: 0.365

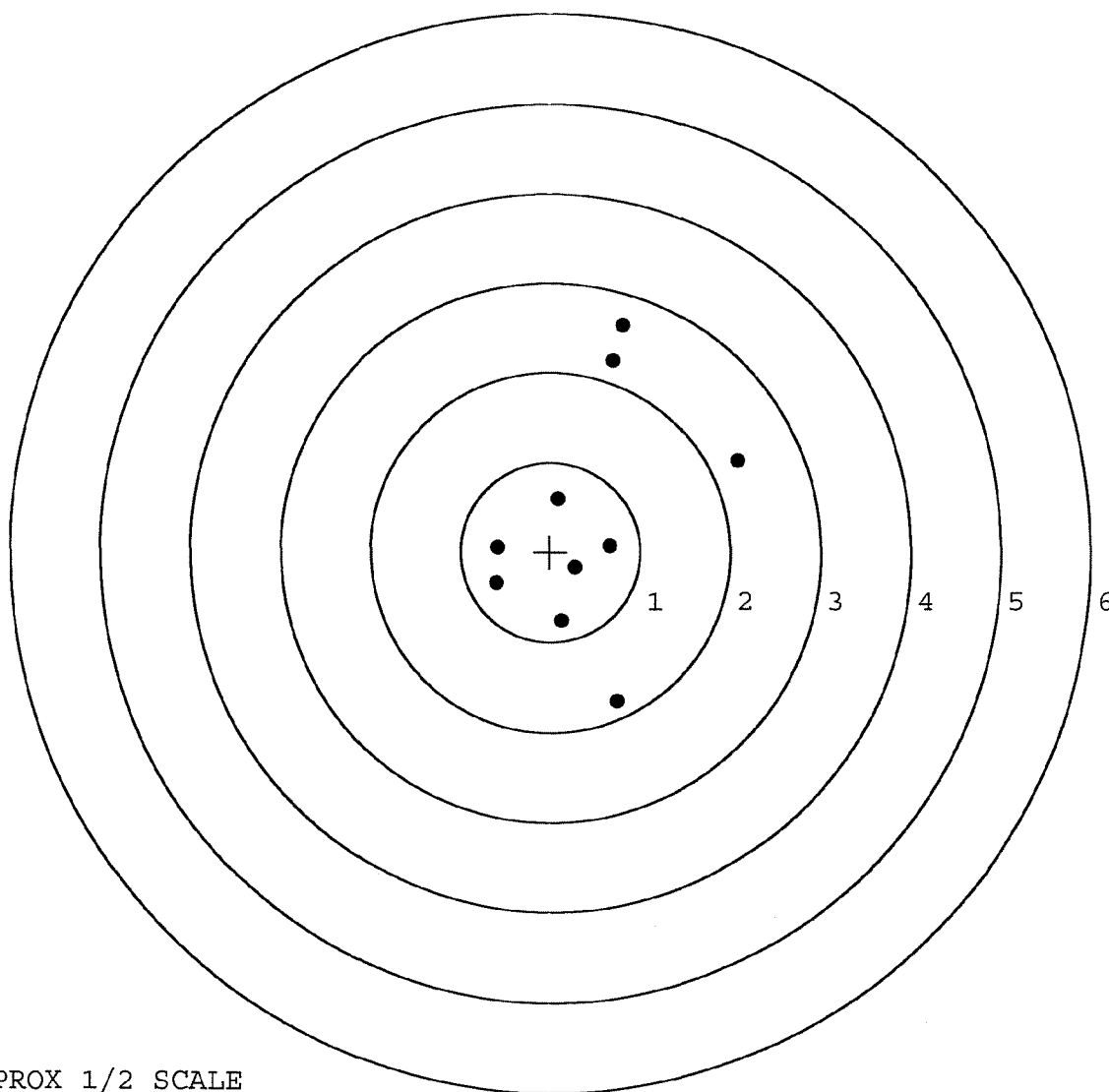
MAX RADIUS: 2.213

MEAN RADIUS: 1.261

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 3

in 3 IN DIAMETER: 6



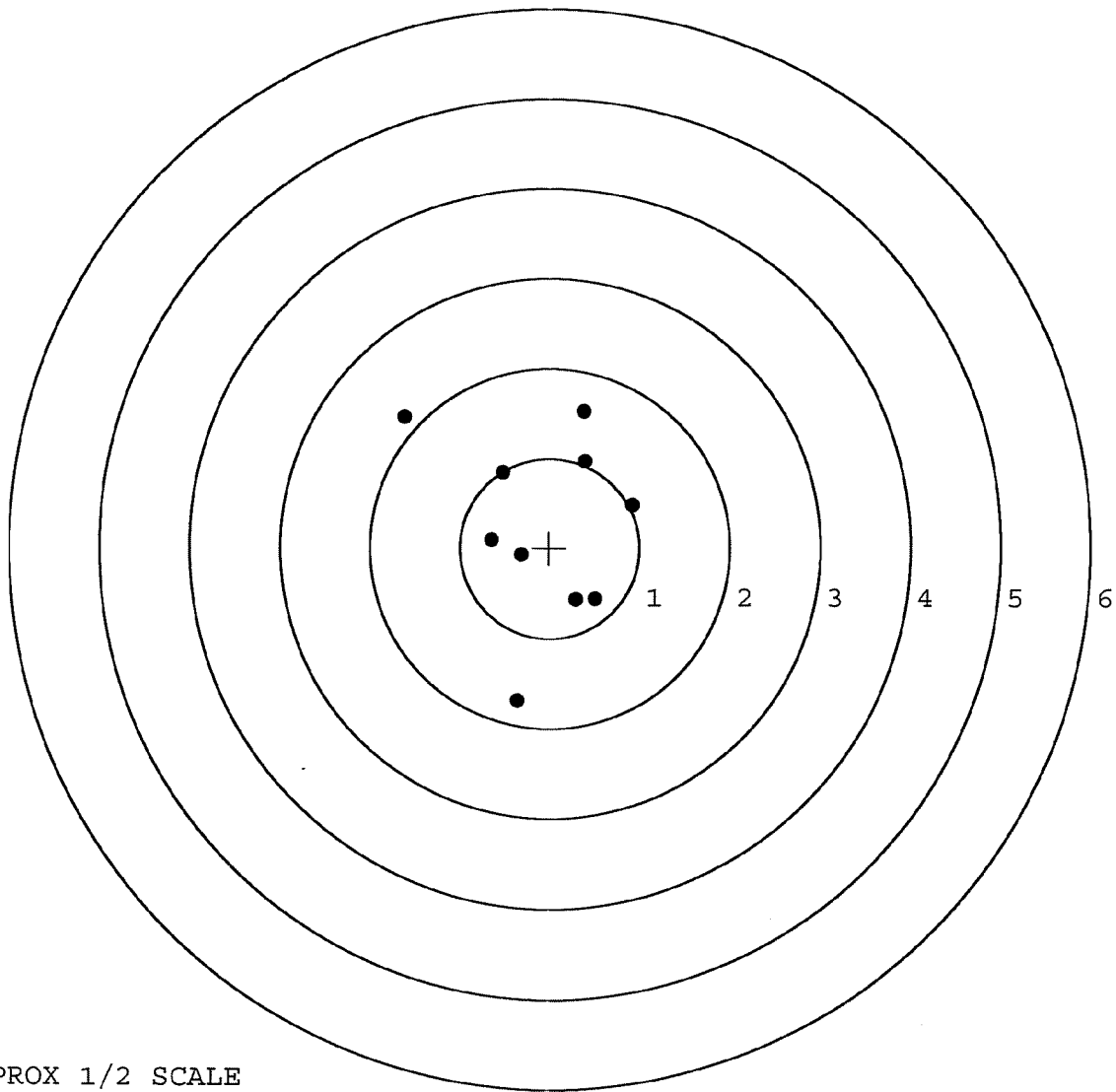
TARGET APPROX 1/2 SCALE

BARBER - M24 0042758

SERIAL NUMBER: C6348965. __0
 TARGET NUMBER: 4
 FILE DATE: 03/24/2005
 FILE TIME: 09:11

POINT#	X	Y
1:	-0.357	-1.699
2:	0.510	-0.567
3:	0.296	-0.576
4:	-0.314	-0.081
5:	-0.649	0.091
6:	0.922	0.486
7:	0.394	0.969
8:	-0.523	0.844
9:	-1.617	1.459
10:	0.386	1.523

X CENTROID: -0.095
 Y CENTROID: 0.245
 POA TO CENTROID: 0.263
 HORZ SPREAD: 2.539
 VERT SPREAD: 3.222
 GROUP SPREAD: 3.400
 MIN RADIUS: 0.393
 MAX RADIUS: 1.961
 MEAN RADIUS: 1.082
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 8



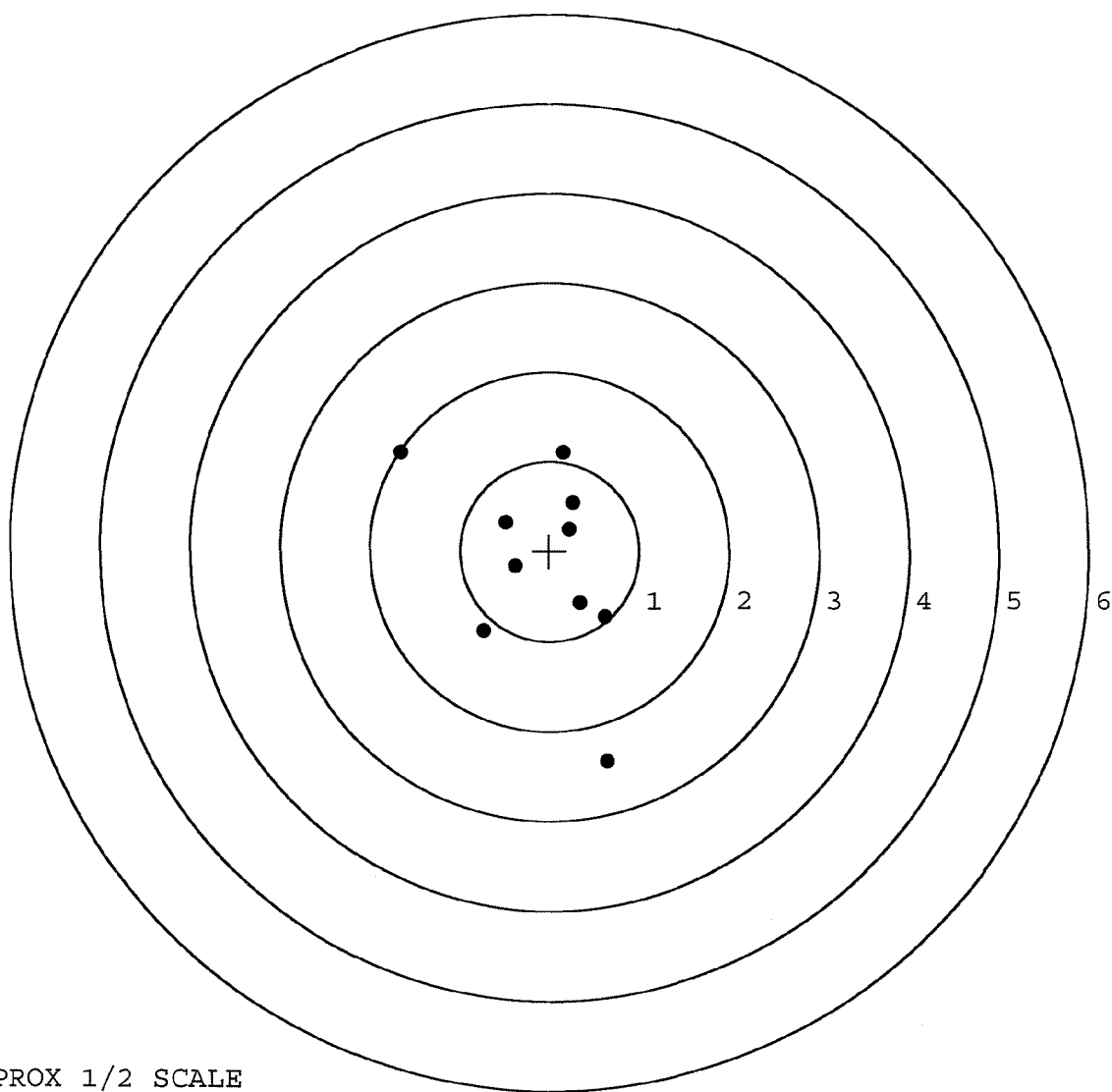
TARGET APPROX 1/2 SCALE

BARBER - M24 0042759

SERIAL NUMBER: C6348965. __0
 TARGET NUMBER: 5
 FILE DATE: 03/24/2005
 FILE TIME: 09:11

POINT#	X	Y
1:	0.660	-2.334
2:	0.621	-0.727
3:	0.342	-0.577
4:	-0.737	-0.891
5:	-0.385	-0.173
6:	-0.484	0.314
7:	0.230	0.240
8:	0.272	0.538
9:	0.164	1.101
10:	-1.656	1.098

X CENTROID: -0.097
 Y CENTROID: -0.141
 POA TO CENTROID: 0.171
 HORZ SPREAD: 2.316
 VERT SPREAD: 3.435
 GROUP SPREAD: 4.140
 MIN RADIUS: 0.289
 MAX RADIUS: 2.320
 MEAN RADIUS: 1.027
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

R & E NUMBER	92985		
SERIAL NUMBER	C6348965		
LOG-IN DATE	2-11-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2-19-05	RTL
560 A	RE-BARREL	2-22-05	RTL
B	DRILL AND TAP	2-28-05	TRW
575	ASSEMBLE	2-23-05	RTL
600	PROOF	2-24-05	AC
605	CHECK HEADSPACE	2-24-05	AC
610	DIS-ASSEMBLE GUN	2-24-05	RTL
612	MAGNAFLUX	OPERATOR	
615	ROLLMARK CALIBER	3-1-05	CW
618	ROTO-BLAST	3-3-05	LB
620	APPLY COATINGS	3/16/05	HP
625 A	FINAL ASSEMBLY	3-23-05	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	3-28-05	AC
D	SAFETY "OFF" FORCE	3-28-05	AC
E	FIRING PIN INDENT	3-28-05	AC
640	TARGET	3-24-05	AC
655	FINAL INSPECT	3-28-05	AC
660	PACK	4-25-05	NA
		SHIP DATE	
		QAR INSPECTION DATE	

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

Model 700™ M24

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

DU PONT

SERIAL NO.
C6348965

ORDER NO.
5716

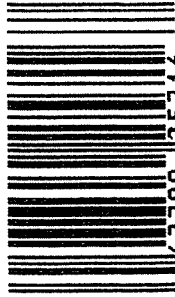
MADE IN ILION, N.Y., U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

Ø1



5716 C6348965

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348965

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10-9	89	RW
600	Proof	10-9	89	A
607	Check Headspace	10-9	89	RW
610	Dis-assemble Gun	10-9	89	RW
612	Magnaflux Barrel Action	REJECTED	11/2/89	KCR
	Magnaflux Bolt		11/2/89	KCR
615	Rollmark Caliber			
7	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head			
	C) Inspect Ejector Hole for Chamfer			
	D) Oil Firing Pin Ass'y			
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force					
	G) Safety Off Force					
	H) Trigger Pull Test & Retainability					
	I) Firing Pin Indent					
	J) Assemble Stock					
	K) Assemble Swivel Studs					
	L) Attach Front and Rear Sight Assemblies					
	M) Iron Sight Alignment					
	N) Detach Front & Rear Sights & place in numbered container					
	O) Attach Scope to Rifle					
	P) Detach & Attach Scope 20 Times					
640	Gallery Target & Test					
	A) Time					
	B) Malfunctions					
	C) Pierced Primers					
	D) Optical Clarity of Scope					
645	Inspect for Live Ammo					
655	Final Inspection A) Headspace					
	B) Trigger Pull					
	C) Function					
660	Pack					

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348965

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	11-8	89	RW
600	Proof	11-8	89	RW
607	Check Headspace	11-8	89	RW
610	Dis-assemble Gun	11-8	89	RW
612	Magnaflux Barrel Action	11-9-89		KCR
	Magnaflux Bolt	11-9-89		KCR
615	Rollmark Caliber			
617	Drill and Tap Sight Holes	11 9	89	YB
618	Polish Barrel RB	11 9	89	BT
620	Apply Coatings (Barrel Action)		11-17-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/27/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/27/89	RW
	C) Inspect Ejector Hole for Chamfer		11/27/89	RW
	D) Oil Firing Pin Ass'y		11/27/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		6 Dec 89	YB

BARBER - M24 0042765

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	5	5	5	6 Dec 89	JSS
	G) Safety Off Force	3	3	3	6 Dec 89	JSS
	H) Trigger Pull Test & Retainability				6 Dec 89	JSS
	I) Firing Pin Indent	.021	.0215	.0215	6 Dec 89	JSS
	J) Assemble Stock				12/7/89	RW
	K) Assemble Swivel Studs				8 Dec 89	JSS
	L) Attach Front and Rear Sight Assemblies				12/7/89	RW
	M) Iron Sight Alignment				12/7/89	RW
	N) Detach Front & Rear Sights & place in numbered container				12/7/89	RW
	O) Attach Scope to Rifle				7 Dec 89	JSS
	P) Detach & Attach Scope 20 Times				7 Dec 89	JSS
640	Gallery Target & Test				12-7-89	DH
	A) Time				12-7-89	DH
	B) Malfunctions				12-7-89	DH
	C) Pierced Primers				12-7-89	DH
	D) Optical Clarity of Scope				12-7-89	DH
645	Inspect for Live Ammo				12-7-89	DH
655	Final Inspection					
	A) Headspace				8 Dec 89	JSS
	B) Trigger Pull	2.81	2.83	2.78	8 Dec 89	JSS
	C) Function				8 Dec 89	JSS
660	Pack				15 Dec 89	JSS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 06348965

DATE 13 MAR 90

TESTER QAS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.42	2.36	2.67	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.41	2.45	2.64	
PULL #3	2.36	2.44	2.53	
PULL #4	2.30	2.43	2.54	
PULL #5	2.38	2.32	2.49	
TOTAL	11.87	12.00		
AVG.	2.374	2.40		

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.23	3.54	
PULL #2	3.37	3.45	
PULL #3	3.36	3.30	
PULL #4	3.35	3.47	
PULL #5	2.99	2.88	
TOTAL	16.75	16.70	
AVG.	3.25	3.34	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.38	4.01		
PULL #2	4.34	4.31		
PULL #3	4.32	4.12		
PULL #4	4.28	4.09		
PULL #5	4.19	4.15		
TOTAL	21.51	20.73		
AVG.	4.302	4.146		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06348965
8 Dec 1989

CENTROIDAL DISTANCES

0 TO	1	.159806
1 TO	2	.207135
1 TO	3	.63821
1 TO	4	.236885
1 TO	5	.24492

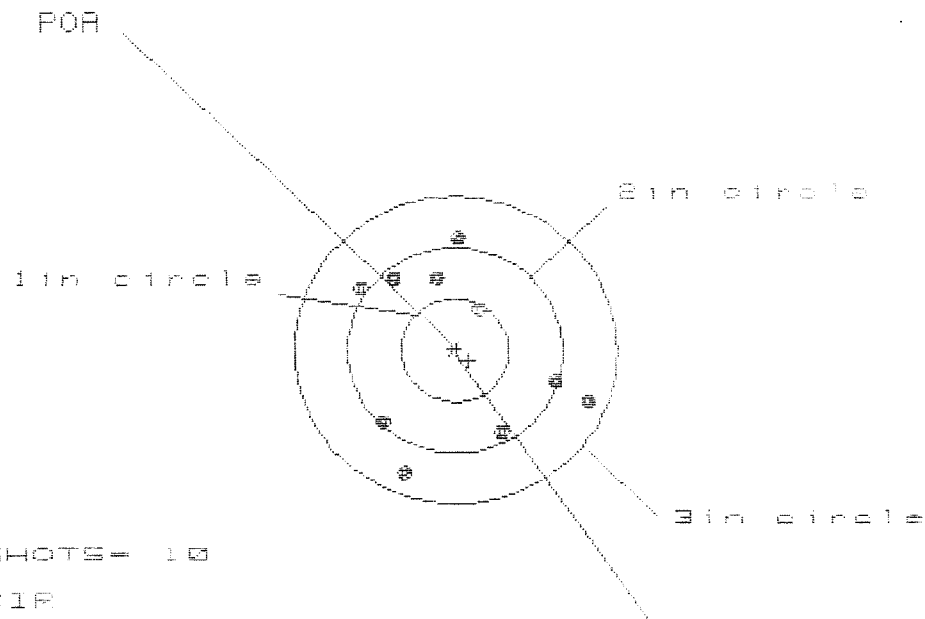
$\bar{x}$ $\bar{y}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1552
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0496
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .162933
THE AMR FOR THIS RIFLE IS: 1.015

8 Dec 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8348965

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 5

3 in = 10

HS= 2.086

VS= 2.283

GS= 2.387

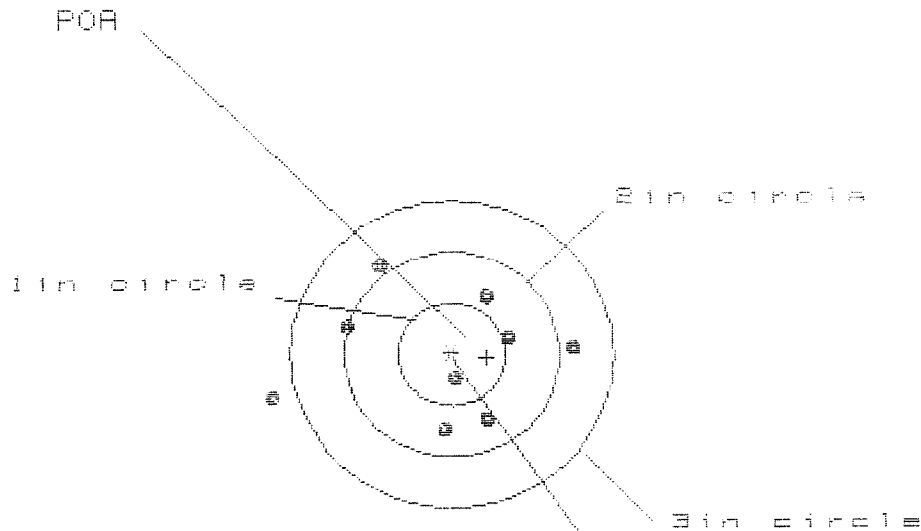
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.203	1.075	1.027
MINIMUM X	-.983	-.750	-.798
MAXIMUM Y	1.090	1.031	.875
MINIMUM Y	-1.193	-1.252	-.983
CENTROID X	-.127	-.260	-.212
CENTROID Y	.097	.156	.312
POB TO CENTROID in.	.159	.303	.377
MIN RADIUS	.517	.553	.417
MEAN RADIUS	.980	.929	.844
MAX RADIUS	1.314	1.309	1.166
HORIZONTAL SPREAD	2.086	1.825	1.825
VERTICAL SPREAD	2.283	2.283	1.858
EXTREME SPREAD	2.387	2.337	2.065
NUMBER IN ONE INCH CIRCLE	= 0		
NUMBER IN TWO INCH CIRCLE	= 5		
NUMBER IN THREE INCH CIRCLE	= 10		

8 Dec 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08348965

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 6

3 in = 9

HS = 2.784

VS = 1.538

GS = 2.844

CENTROID #

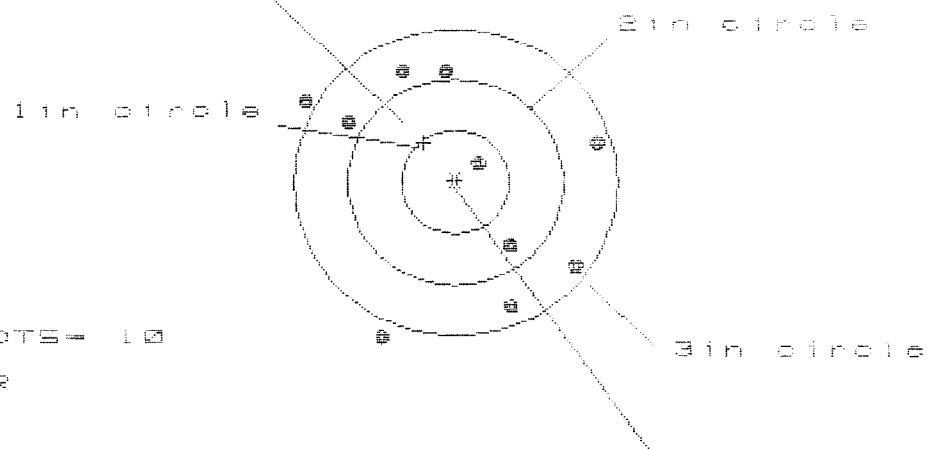
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.131	.947	1.015
MINIMUM X	:	-1.663	-1.115	-.997
MAXIMUM Y	:	.838	.787	.788
MINIMUM Y	:	-.700	-.751	-.750
CENTROID X	:	-.328	-.144	-.262
CENTROID Y	:	.030	.081	.079
POA TO CENTROID in.	:	.330	.165	.274
MIN RADIUS	:	.266	.337	.323
MEAN RADIUS	:	.887	.767	.748
MAX RADIUS	:	1.726	1.193	1.108
HORIZONTAL SPREAD	:	2.794	2.062	2.012
VERTICAL SPREAD	:	1.538	1.538	1.538
EXTREME SPREAD	:	2.844	2.072	2.021
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

6 Dec 1989

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CENTERFIRE PATTERNS # 3

FOR



OF SHOTS = 10

IN CIR

1in = 1

2in = 2

3in = 8

HS= 2.747

VS= 2.580

GS= 2.957

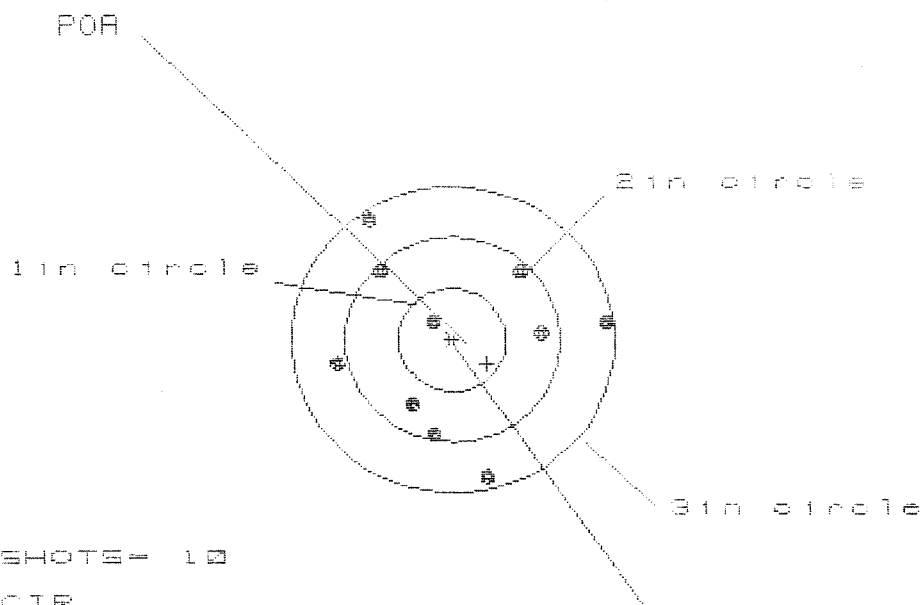
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.350	1.195	1.090
MINIMUM X	:	-1.397	-1.180	-1.285
MAXIMUM Y	:	1.112	1.204	1.032
MINIMUM Y	:	-1.468	-1.376	-1.292
CENTROID X	:	.289	.444	.549
CENTROID Y	:	-.387	-.479	-.387
FOR TO CENTROID in.	:	.483	.653	.630
MIN RADIUS	:	.274	.263	.091
MEAN RADIUS	:	1.177	1.108	1.014
MAX RADIUS	:	1.626	1.615	1.364
HORIZONTAL SPREAD	:	2.747	2.375	2.375
VERTICAL SPREAD	:	2.580	2.580	2.324
EXTREME SPREAD	:	2.957	2.766	2.484
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		8	

8 Dec 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C3346965

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 6

3 in = 10

HS= 2.500

VS= 2.454

GS= 2.680

CENTROID *

PATTERN #

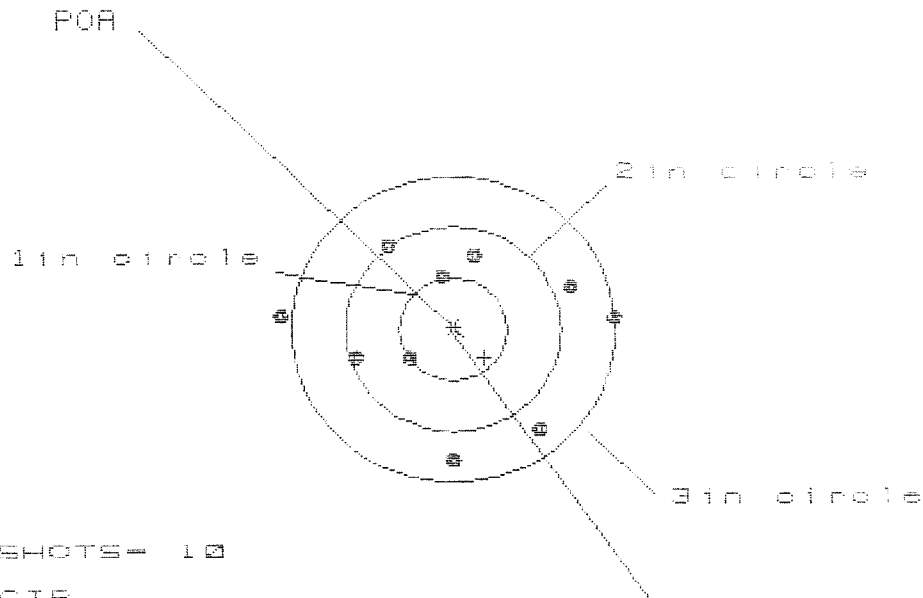
4

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.391	.956	.881
MINIMUM X	-1.109	-.954	-1.029
MAXIMUM Y	1.134	1.158	.872
MINIMUM Y	-1.320	-1.296	-1.151
CENTROID X	-.323	-.478	-.483
CENTROID Y	.230	.206	.061
POA TO CENTROID in.	.397	.520	.407
MIN RADIUS	.270	.241	.394
MEAN RADIUS	.991	.930	.880
MAX RADIUS	1.408	1.380	1.218
HORIZONTAL SPREAD	2.500	1.910	1.910
VERTICAL SPREAD	2.454	2.454	2.023
EXTREME SPREAD	2.680	2.680	2.245
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	

8 Dec 1988

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CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1in = 1

2in = 4

3in = 8

HE = 3.091

VS = 2.061

GS = 3.091

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.470	1.290	1.058
MINIMUM X	-1.621	-1.042	-0.880
MAXIMUM Y	.809	.823	.844
MINIMUM Y	-1.252	-1.238	-1.217
CENTROID X	-.292	-.112	-.274
CENTROID Y	.278	.264	.243
POA TO CENTROID in.	.403	.287	.366
MIN RADIUS	.486	.563	.588
MEAN RADIUS	1.042	.984	.920
MAX RADIUS	1.626	1.301	1.240
HORIZONTAL SPREAD	3.091	2.332	1.938
VERTICAL SPREAD	2.061	2.061	2.061
EXTREME SPREAD	3.091	2.363	2.291
NUMBER IN ONE INCH CIRCLE	= 1		
NUMBER IN TWO INCH CIRCLE	= 4		
NUMBER IN THREE INCH CIRCLE	= 9		