

06348724

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.



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: RE00144828

Serial: C6348724 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 4/24/2008 10:57:05 AM

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

nagletj

4/24/2008

12:25 PM

CAPS

NUM

IKT

SCA



Serial Number:

C6348724

Model: M24 SWS



RE00144828

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348724.__0

FILE DATE AND TIME: 05/28/2008 05:41

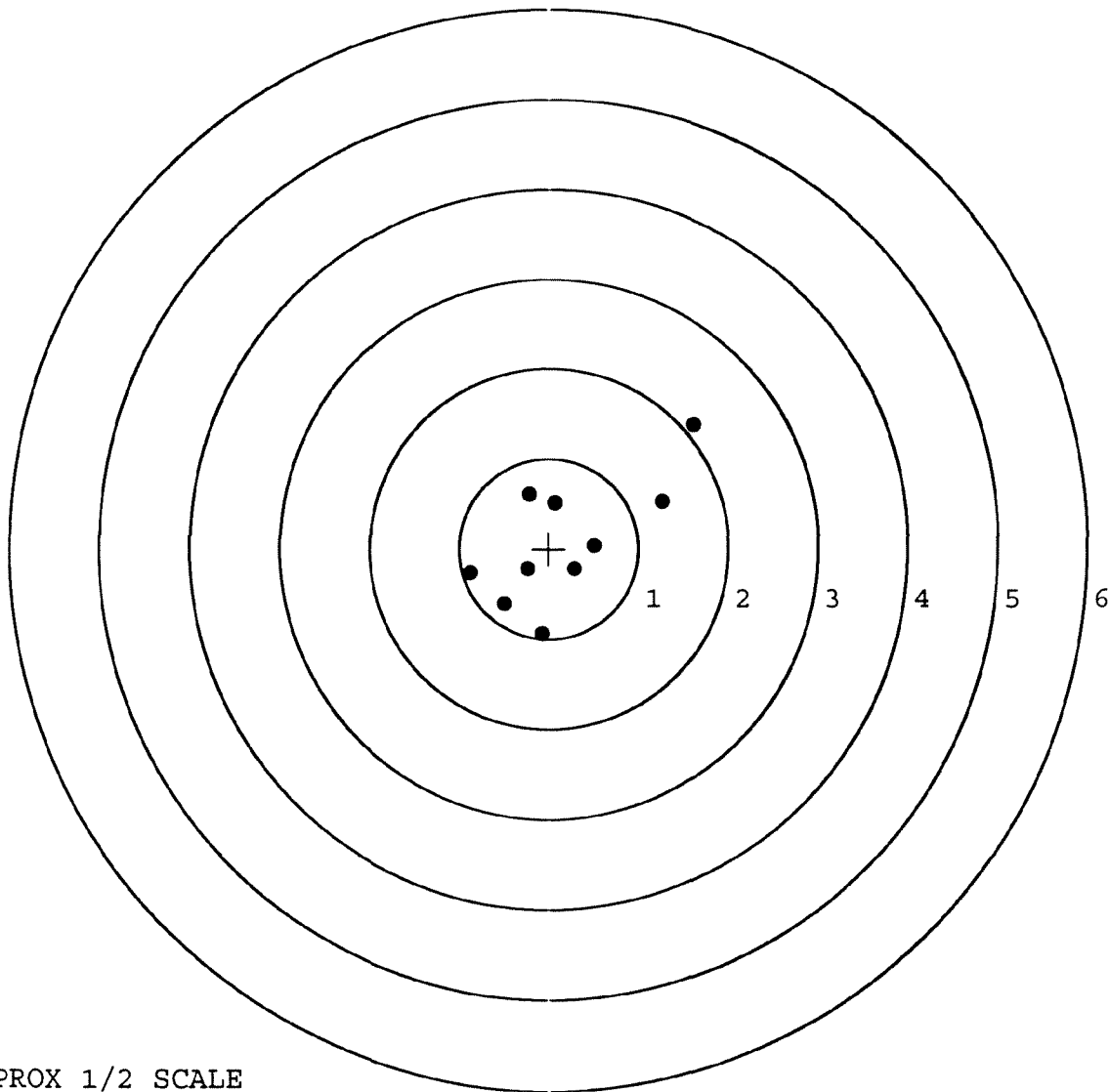
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.063
The Average Y Centroid of the Five Target Set:	0.020
The Average Point of Impact of the Five Target Set:	0.066
The Average Mean Radius of the Five Target Set:	0.735
The Distance from POA to Centroid Target #1:	0.198
The Distance from Centroid Target #2 to Centroid Target #1:	0.207
The Distance from Centroid Target #3 to Centroid Target #1:	0.248
The Distance from Centroid Target #4 to Centroid Target #1:	0.141
The Distance from Centroid Target #5 to Centroid Target #1:	0.092

SERIAL NUMBER: C6348724. __0
 TARGET NUMBER: 1
 FILE DATE: 05/28/2008
 FILE TIME: 05:41

POINT#	X	Y
1:	0.061	0.509
2:	-0.222	0.602
3:	0.511	0.034
4:	0.289	-0.232
5:	-0.079	-0.949
6:	-0.234	-0.232
7:	-0.495	-0.616
8:	-0.874	-0.268
9:	1.258	0.523
10:	1.613	1.377

X CENTROID: 0.183
 Y CENTROID: 0.075
 POA TO CENTROID: 0.198
 HORZ SPREAD: 2.487
 VERT SPREAD: 2.326
 GROUP SPREAD: 2.982
 MIN RADIUS: 0.325
 MAX RADIUS: 1.934
 MEAN RADIUS: 0.852
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 9

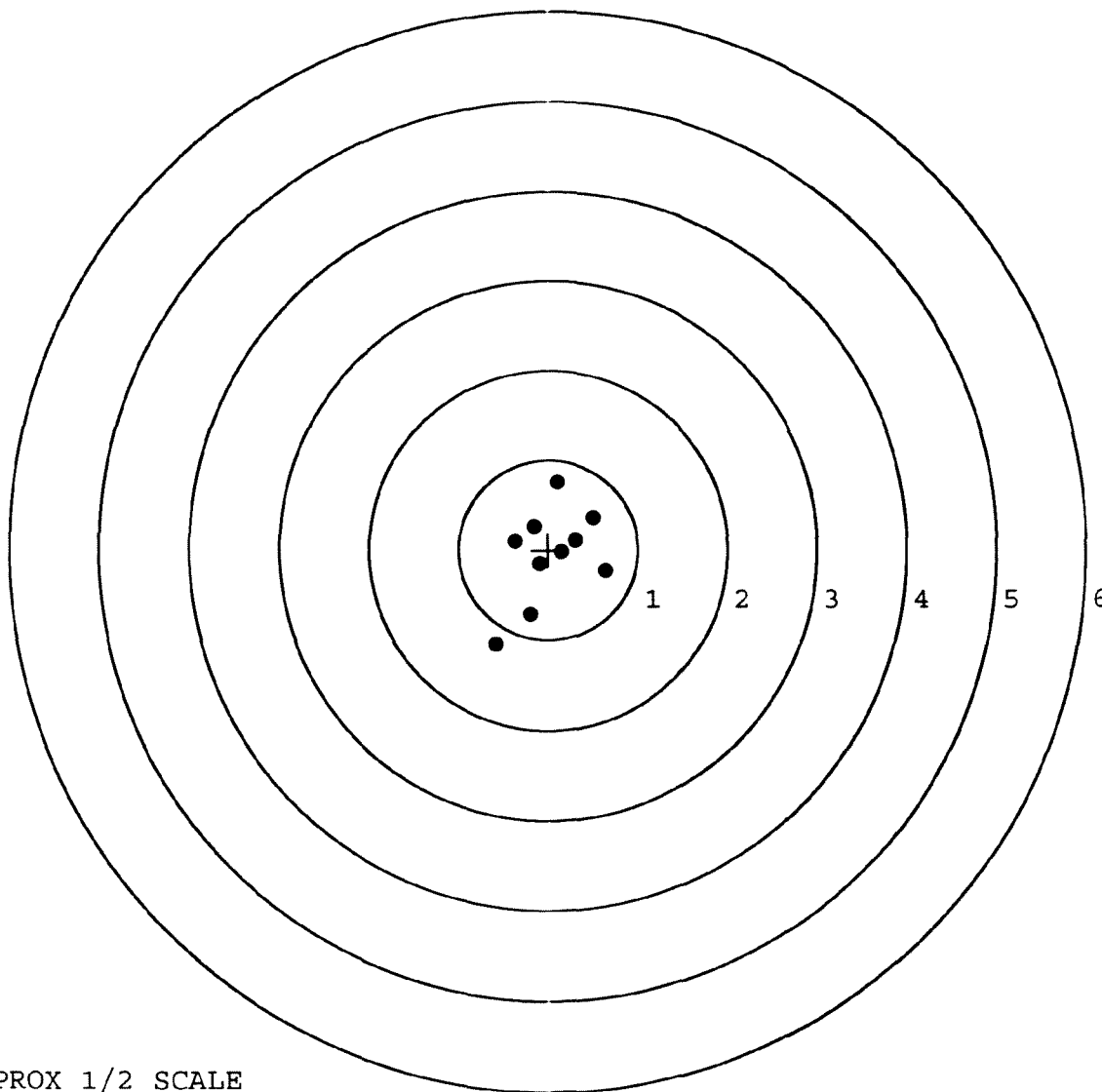


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348724. __0
 TARGET NUMBER: 2
 FILE DATE: 05/28/2008
 FILE TIME: 05:41

POINT#	X	Y
1:	0.645	-0.237
2:	-0.202	-0.724
3:	-0.581	-1.054
4:	0.502	0.354
5:	0.307	0.110
6:	0.101	0.748
7:	-0.164	0.255
8:	-0.367	0.098
9:	-0.095	-0.164
10:	0.153	-0.029

X CENTROID: 0.030
 Y CENTROID: -0.064
 POA TO CENTROID: 0.071
 HORZ SPREAD: 1.226
 VERT SPREAD: 1.802
 GROUP SPREAD: 1.927
 MIN RADIUS: 0.128
 MAX RADIUS: 1.163
 MEAN RADIUS: 0.536
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

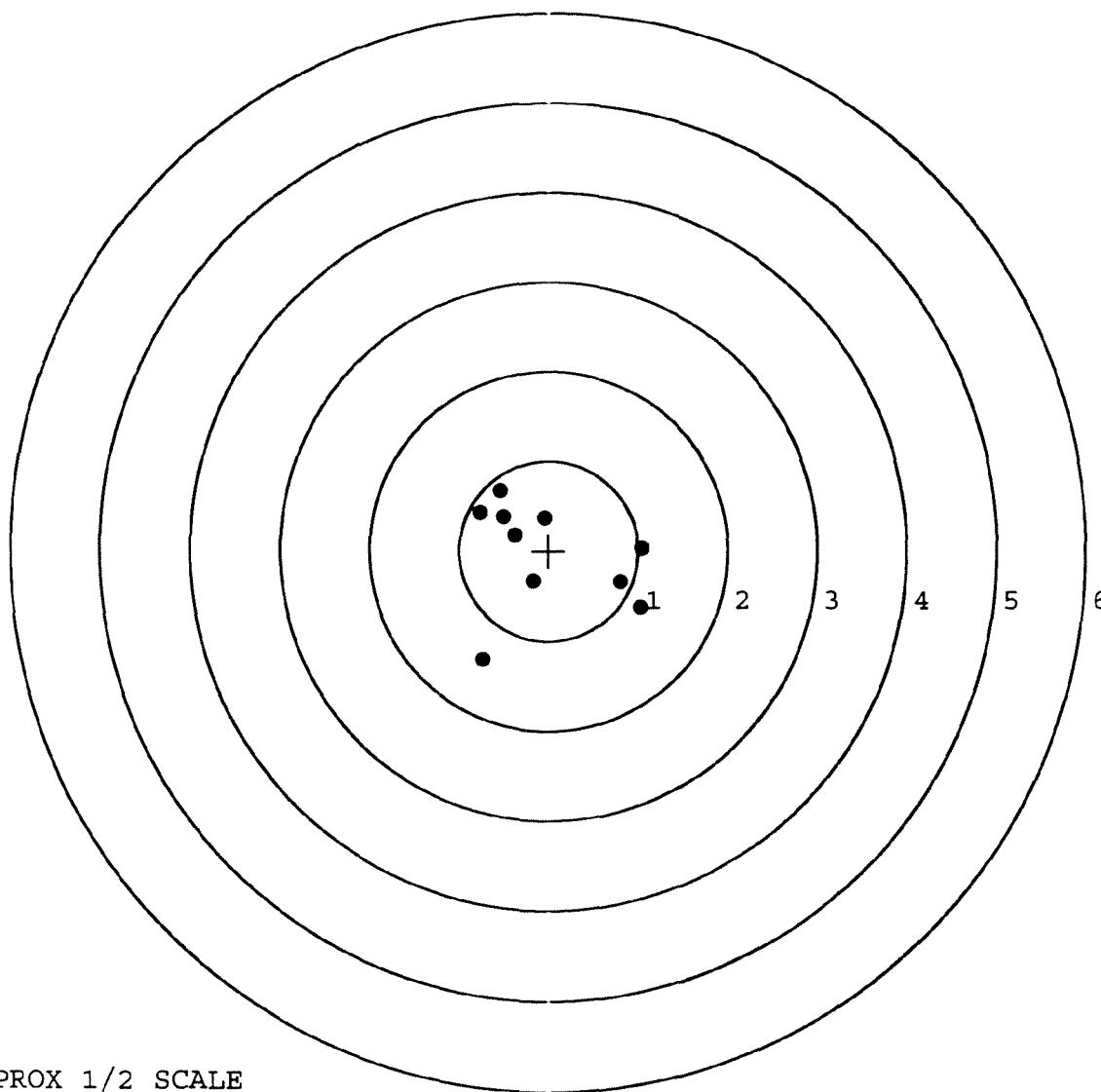


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348724. __0
 TARGET NUMBER: 3
 FILE DATE: 05/28/2008
 FILE TIME: 05:41

POINT#	X	Y
1:	1.020	-0.636
2:	0.804	-0.350
3:	1.040	0.029
4:	-0.177	-0.346
5:	-0.740	-1.212
6:	-0.052	0.361
7:	-0.381	0.170
8:	-0.511	0.376
9:	-0.771	0.425
10:	-0.542	0.667

X CENTROID: -0.031
 Y CENTROID: -0.052
 POA TO CENTROID: 0.060
 HORZ SPREAD: 1.811
 VERT SPREAD: 1.879
 GROUP SPREAD: 2.170
 MIN RADIUS: 0.329
 MAX RADIUS: 1.360
 MEAN RADIUS: 0.808
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10

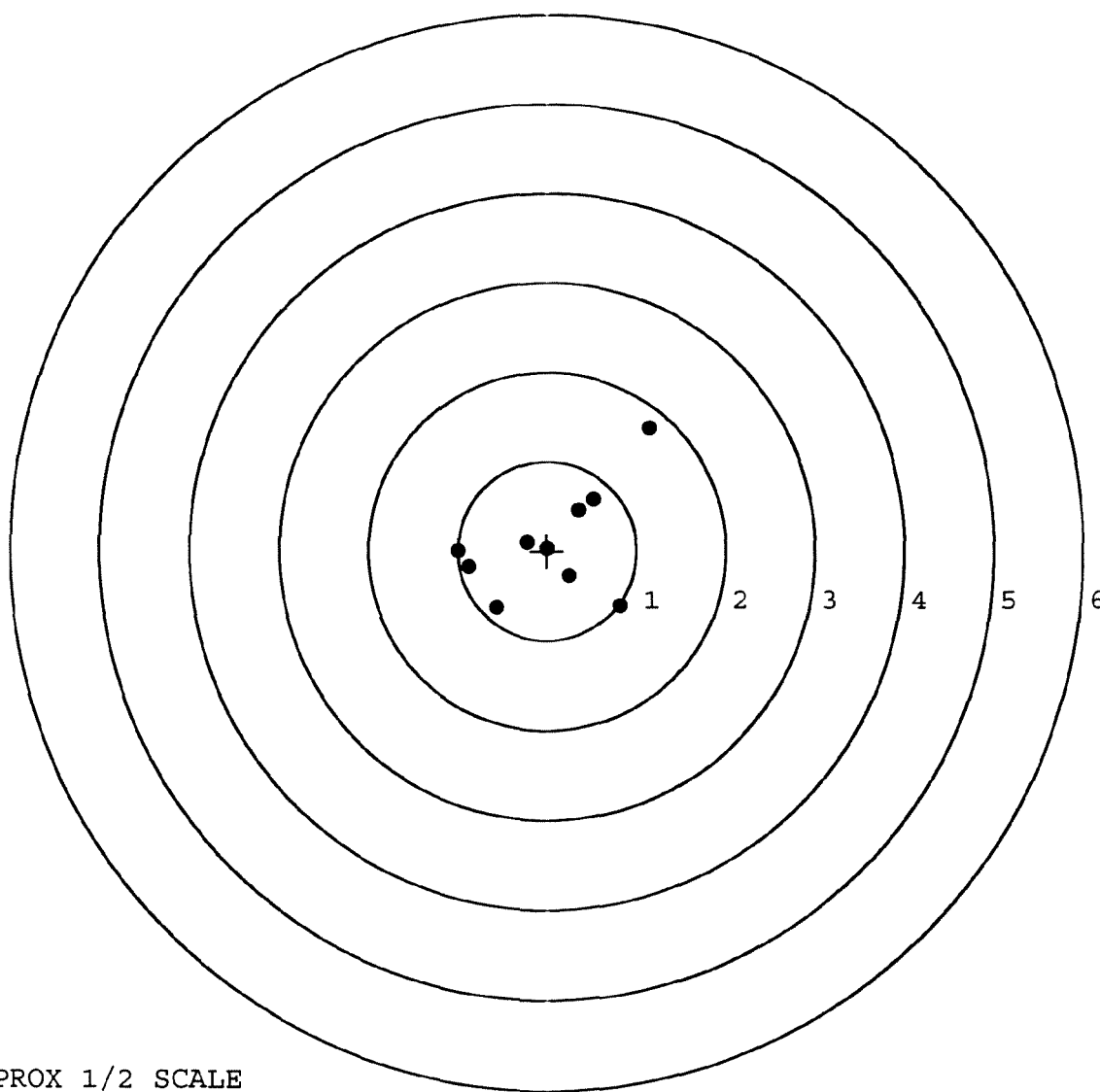


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348724. __0
 TARGET NUMBER: 4
 FILE DATE: 05/28/2008
 FILE TIME: 05:41

POINT#	X	Y
1:	1.144	1.371
2:	0.522	0.567
3:	0.355	0.453
4:	0.818	-0.618
5:	0.250	-0.281
6:	0.000	0.030
7:	-0.223	0.095
8:	-0.567	-0.644
9:	-0.879	-0.181
10:	-0.998	-0.003

X CENTROID: 0.042
 Y CENTROID: 0.079
 POA TO CENTROID: 0.089
 HORZ SPREAD: 2.142
 VERT SPREAD: 2.015
 GROUP SPREAD: 2.643
 MIN RADIUS: 0.065
 MAX RADIUS: 1.698
 MEAN RADIUS: 0.760
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9

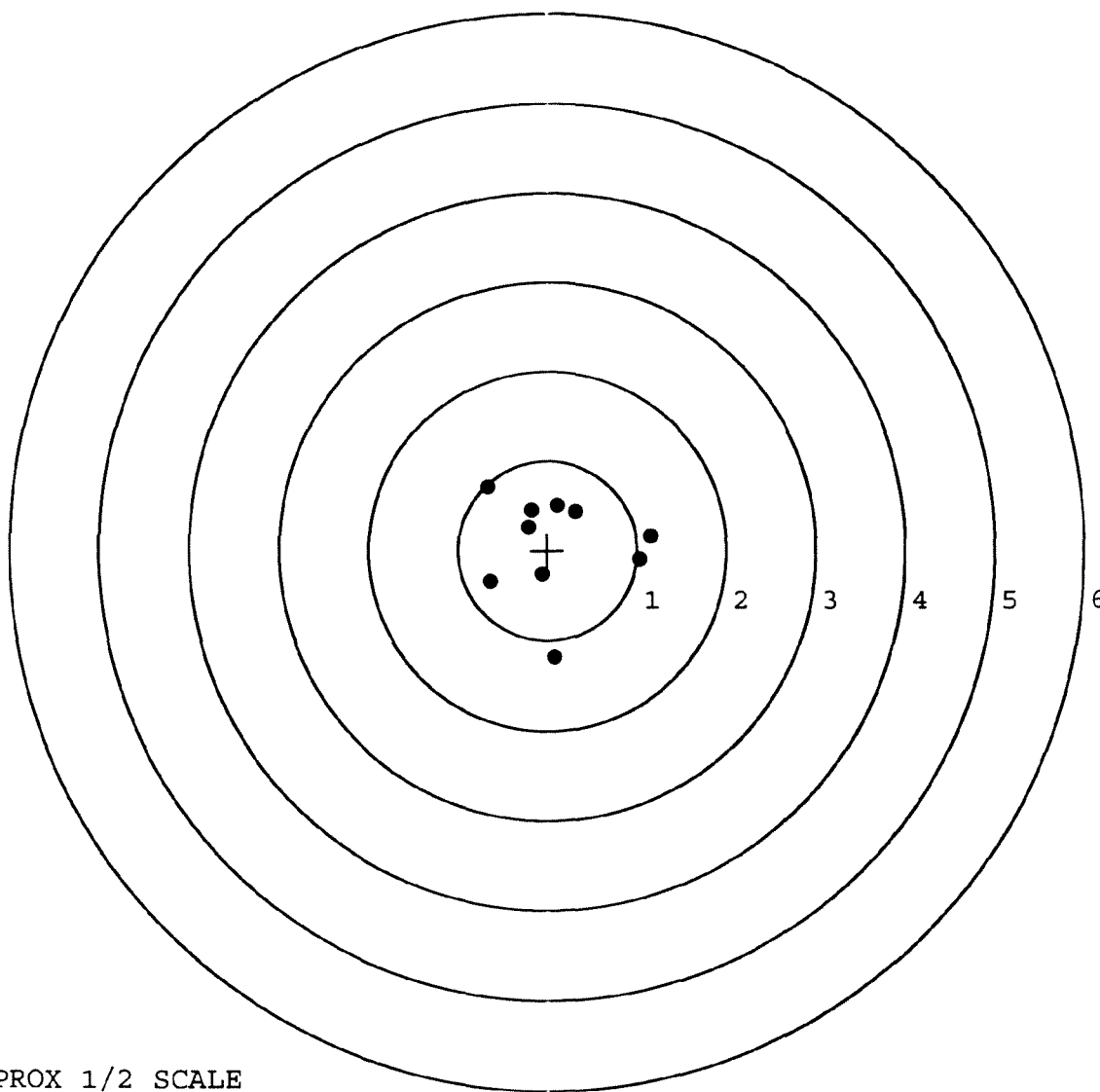


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348724. __0
 TARGET NUMBER: 5
 FILE DATE: 05/28/2008
 FILE TIME: 05:41

POINT#	X	Y
1:	1.151	0.154
2:	1.027	-0.106
3:	0.086	-1.188
4:	-0.064	-0.267
5:	-0.641	-0.351
6:	0.318	0.435
7:	0.107	0.504
8:	-0.182	0.451
9:	-0.219	0.258
10:	-0.668	0.712

X CENTROID: 0.092
 Y CENTROID: 0.060
 POA TO CENTROID: 0.110
 HORZ SPREAD: 1.819
 VERT SPREAD: 1.900
 GROUP SPREAD: 2.044
 MIN RADIUS: 0.362
 MAX RADIUS: 1.248
 MEAN RADIUS: 0.719
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

R & E NUMBER 00144828SERIAL NUMBER C 6348724LOG-IN DATE 4-24-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	4-28-08	R.P.D.
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	R.P.D.
612	MAGNAFLUX	5/1/08	unus
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	CS
625	FINAL ASSEMBLY	5-27-08	RZ
640	FUNCTION TEST AND	5-27-08	RP
650	TARGET	5-27-08	RP
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	5-27-08	SD
	A) HEADSPACE	5/28/08	FM
		5/28/08	FM
	B) TRIGGER PULL	2.58 2.50 2.49 2.52 2.50	5/28/08 FM
	C) SAFETY ON FORCE	6- 6- 6-	5/28/08 FM
	D) SAFETY OFF FORCE	3- 3- 3-	5/28/08 FM
	E) FIRING PIN INDENT	.024 .024 .024	5/28/08 FM
690	PACK	5/29/08	FM

Serial Number: C6348724

Model: M24 SWS



RE00092564

AVERAGE PULL FORCE BETWEEN
INITIAL & FINAL TESTS

BARBER - M24 0062364

2.50 LBS (plus or minus 0.50 LBS)

3.00 LBS (plus or minus 0.75 LBS)

4.00 LBS (plus or minus 1.00 LBS)

SERIAL NO.

DATE 4-19-05

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.84	2.68		2.46	
PULL #2	2.64	2.79		2.51	
PULL #3	2.68	2.51		2.50	
PULL #4	2.74	2.36		2.60	
PULL #5	2.74	2.57		2.53	
TOTAL	13.64	12.91		12.60	
AVERAGE	2.72	2.58		2.52	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.13	3.40		
PULL #2	3.23	3.47		
PULL #3	3.30	3.46		
PULL #4	3.32	3.46		
PULL #5	3.33	3.44		
TOTAL	16.31	17.23		
AVERAGE	3.26	3.44		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	4.49	4.35		4.06
PULL #2	4.44	4.26		4.05
PULL #3	4.51	4.00		4.08
PULL #4	4.49	4.32		4.08
PULL #5	4.49	4.27		4.08
TOTAL	22.42	21.20		20.35
AVERAGE	4.48	4.24		4.07

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348724.___0
FILE DATE AND TIME: 04/21/2005 06:53

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.080
The Average Y Centroid of the Five Target Set:	-0.112
The Average Point of Impact of the Five Target Set:	0.138
The Average Mean Radius of the Five Target Set:	0.995
The Distance from POA to Centroid Target #1:	0.475
The Distance from Centroid Target #2 to Centroid Target #1:	0.562
The Distance from Centroid Target #3 to Centroid Target #1:	0.529
The Distance from Centroid Target #4 to Centroid Target #1:	0.544
The Distance from Centroid Target #5 to Centroid Target #1:	0.664

SERIAL NUMBER: C6348724. __0

TARGET NUMBER: 1

FILE DATE: 04/21/2005

FILE TIME: 06:53

POINT#	X	Y
1:	-0.188	0.324
2:	-0.802	-0.508
3:	0.089	0.935
4:	1.100	0.908
5:	1.542	0.956
6:	1.297	-0.218
7:	1.299	-0.462
8:	0.107	-0.377
9:	0.084	-0.701
10:	0.223	-1.011

X CENTROID: 0.475

Y CENTROID: -0.015

POA TO CENTROID: 0.475

HORZ SPREAD: 2.344

VERT SPREAD: 1.967

GROUP SPREAD: 2.764

MIN RADIUS: 0.516

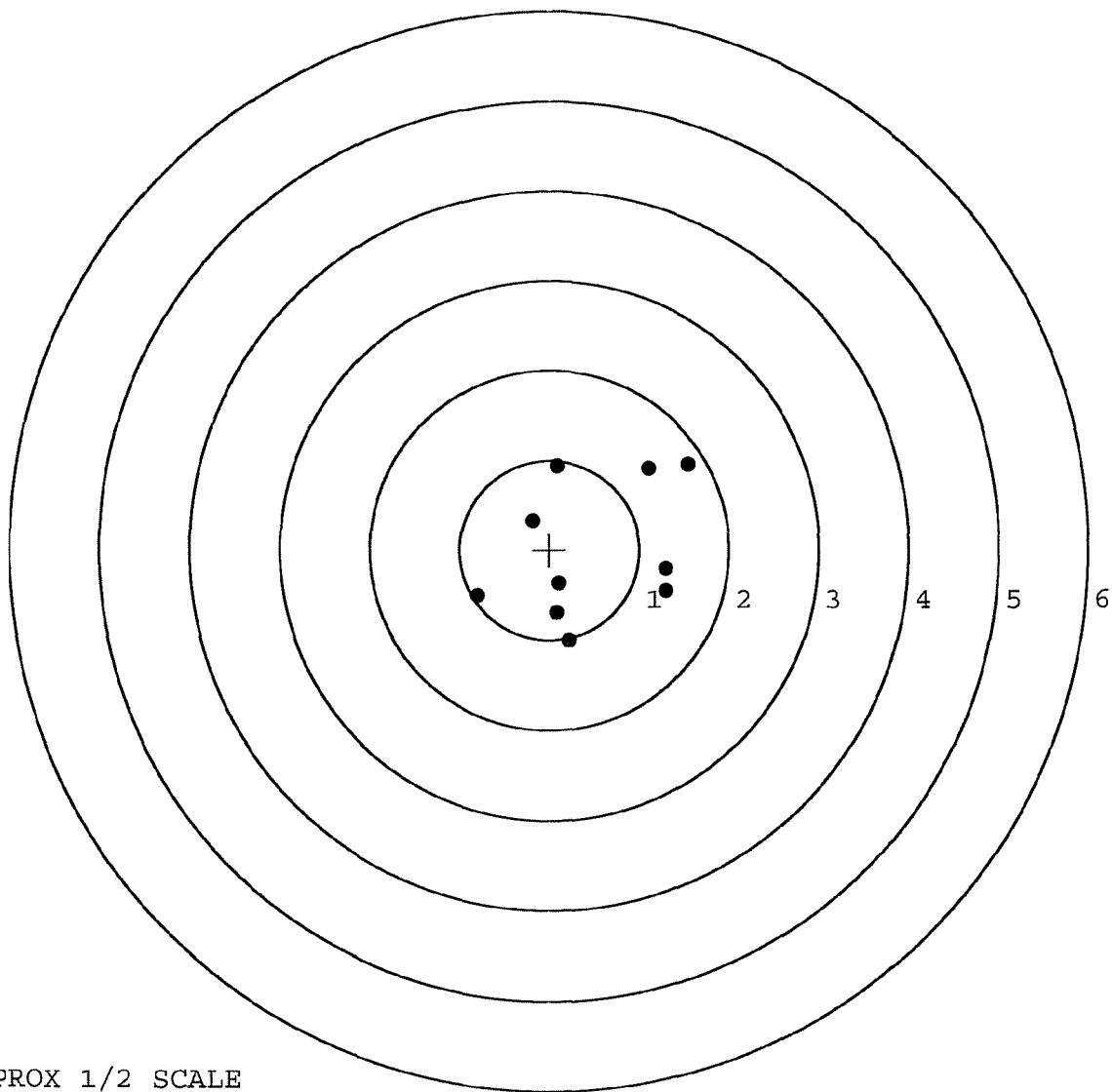
MAX RADIUS: 1.443

MEAN RADIUS: 0.981

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348724. __0

TARGET NUMBER: 2

FILE DATE: 04/21/2005

FILE TIME: 06:53

POINT#	X	Y
1:	1.098	0.198
2:	0.838	0.225
3:	0.243	-0.340
4:	-0.028	0.260
5:	-0.147	0.659
6:	0.895	0.803
7:	-0.970	-0.490
8:	-0.710	-1.115
9:	-1.226	-1.470
10:	-0.077	-1.748

X CENTROID: -0.008

Y CENTROID: -0.302

POA TO CENTROID: 0.302

HORZ SPREAD: 2.324

VERT SPREAD: 2.551

GROUP SPREAD: 3.109

MIN RADIUS: 0.254

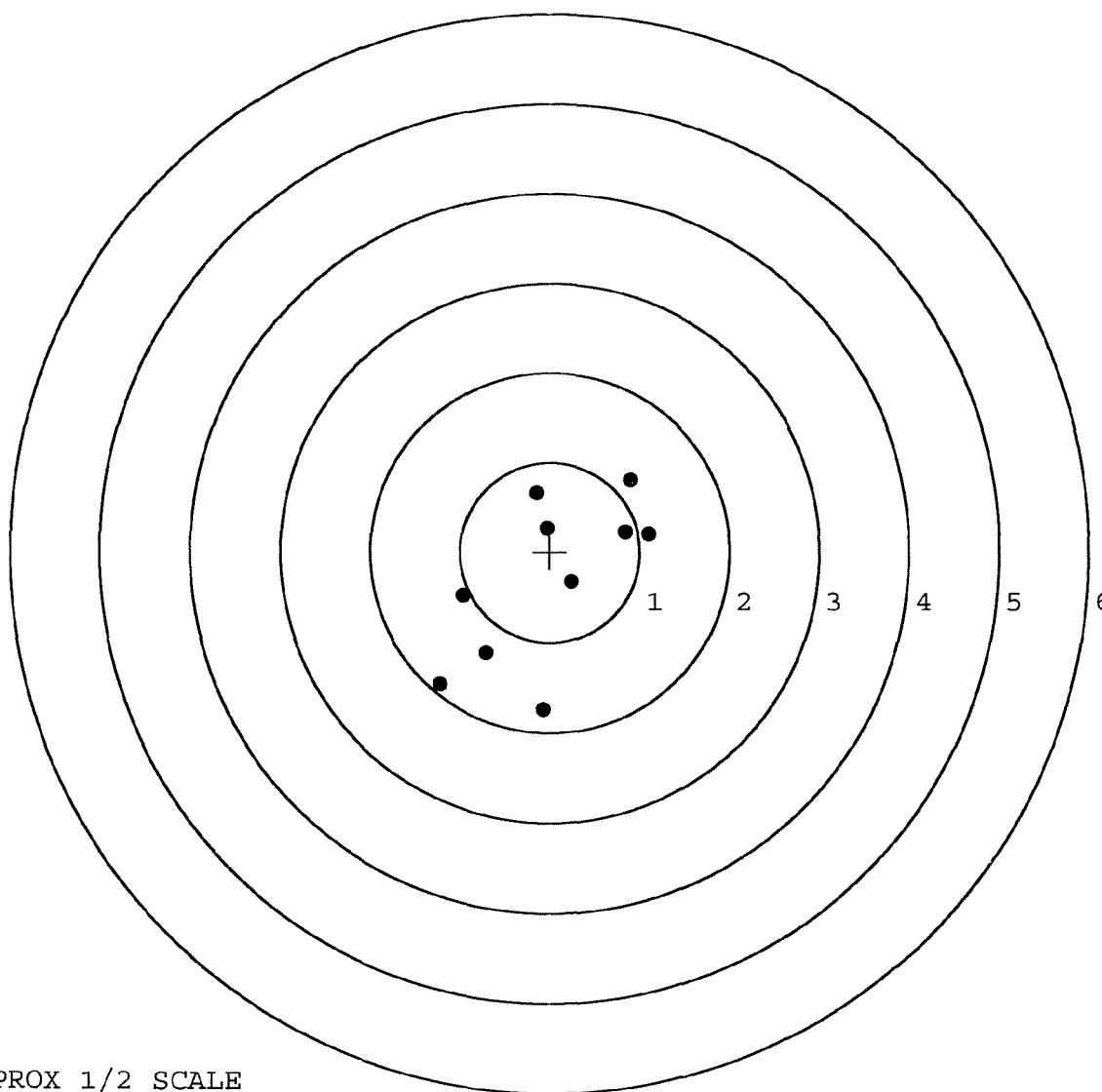
MAX RADIUS: 1.687

MEAN RADIUS: 1.061

IN 1 IN DIAMETER: 1

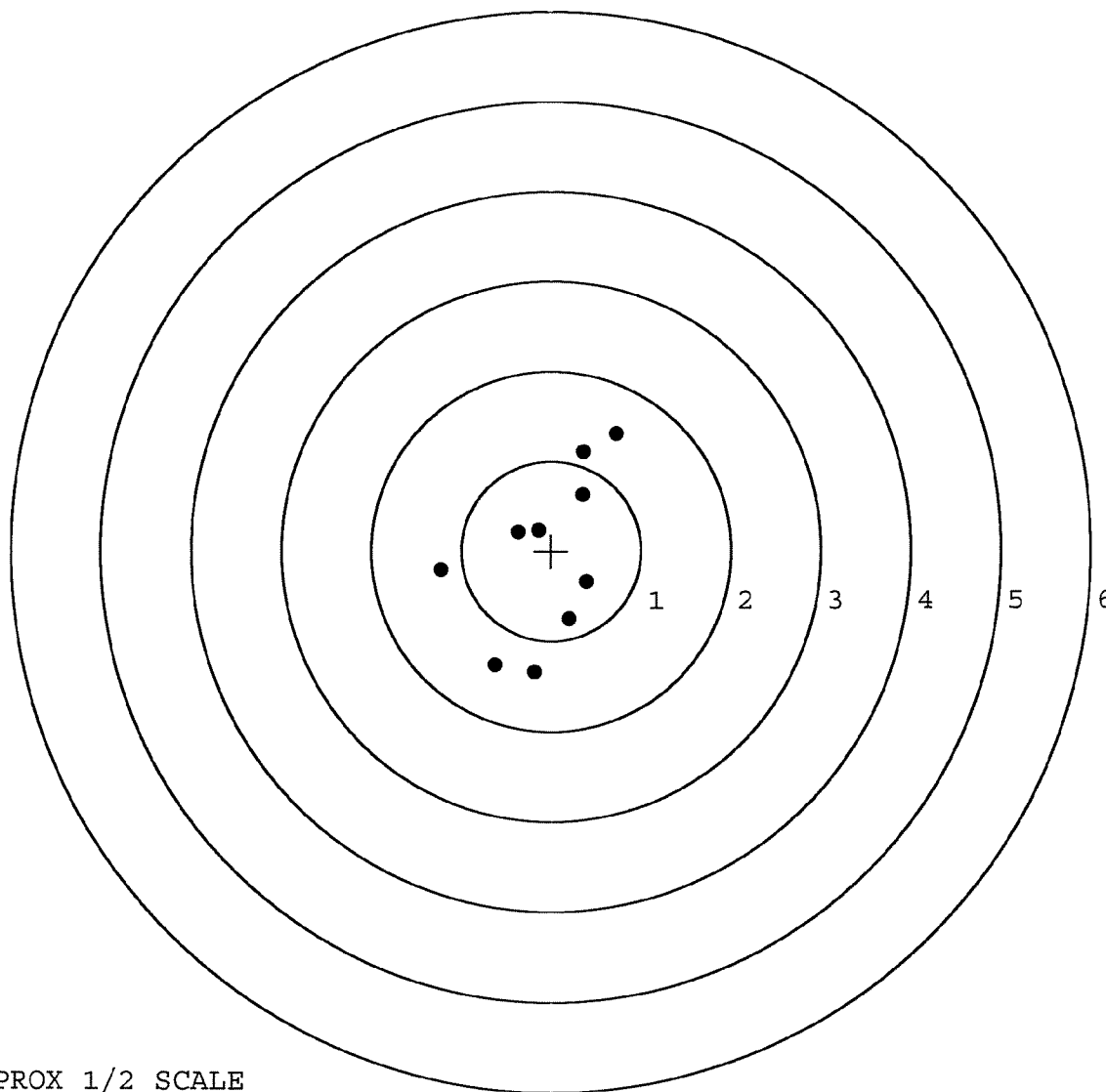
IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 9



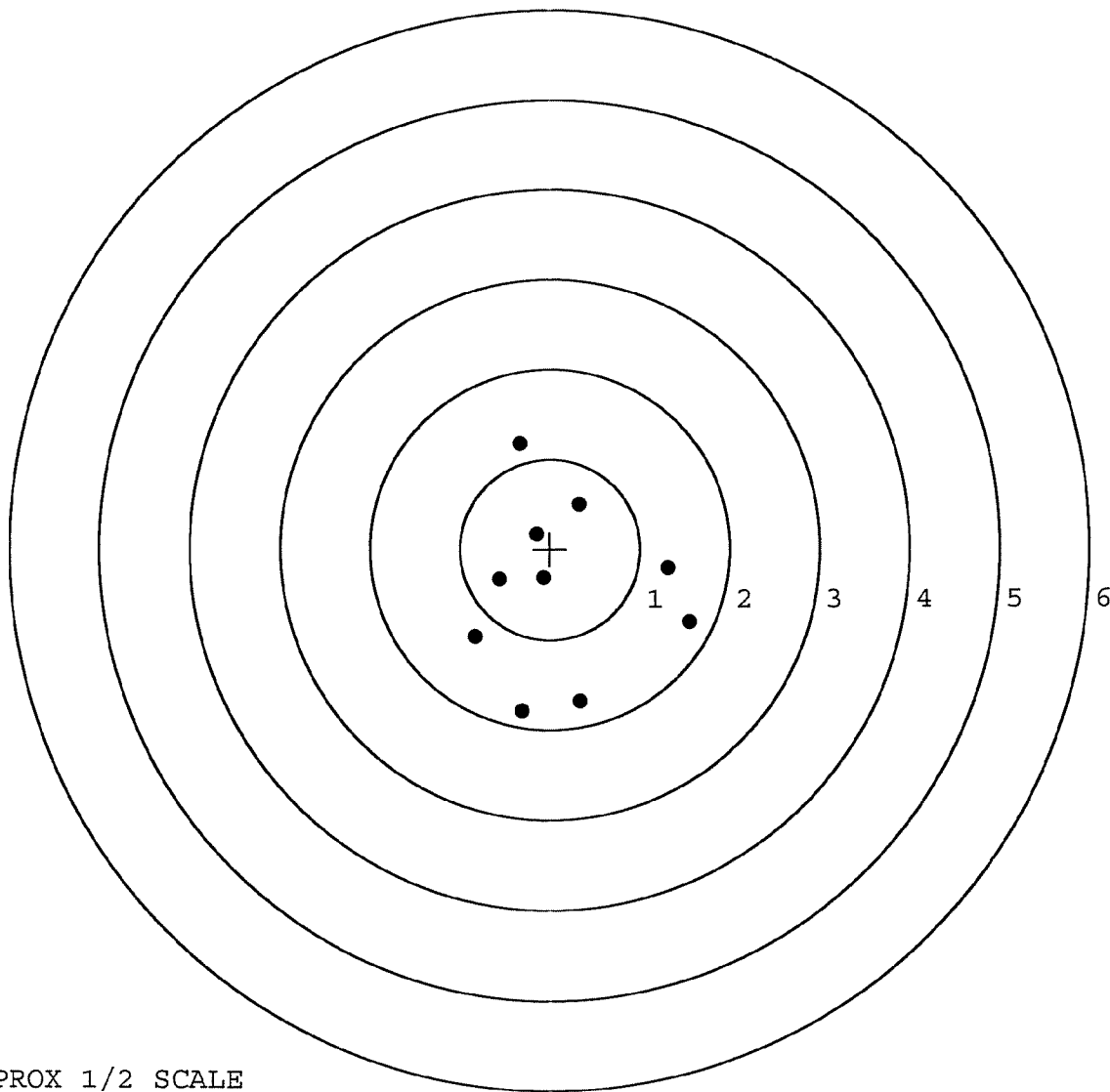
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348724. __0	POINT#	X	Y
TARGET NUMBER: 3	1:	-0.192	-1.351
FILE DATE: 04/21/2005	2:	-0.631	-1.270
FILE TIME: 06:53	3:	0.205	-0.765
	4:	0.397	-0.348
X CENTROID: -0.053	5:	-0.143	0.229
Y CENTROID: -0.048	6:	-0.373	0.213
POA TO CENTROID: 0.071	7:	-1.228	-0.219
HORZ SPREAD: 1.951	8:	0.356	0.624
VERT SPREAD: 2.656	9:	0.361	1.101
GROUP SPREAD: 2.909	10:	0.723	1.305
MIN RADIUS: 0.292			
MAX RADIUS: 1.560			
MEAN RADIUS: 0.942			
# IN 1 IN DIAMETER: 2			
# IN 2 IN DIAMETER: 5			
# in 3 IN DIAMETER: 9			



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348724. __0	POINT#	X	Y
TARGET NUMBER: 4	1:	1.548	-0.810
FILE DATE: 04/21/2005	2:	1.311	-0.214
FILE TIME: 06:53	3:	0.338	-1.690
	4:	-0.319	-1.797
X CENTROID: 0.124	5:	-0.838	-0.972
Y CENTROID: -0.431	6:	-0.561	-0.339
POA TO CENTROID: 0.448	7:	-0.077	-0.321
HORZ SPREAD: 2.386	8:	-0.152	0.161
VERT SPREAD: 2.973	9:	0.332	0.499
GROUP SPREAD: 2.973	10:	-0.337	1.176
MIN RADIUS: 0.229			
MAX RADIUS: 1.672			
MEAN RADIUS: 1.070			
# IN 1 IN DIAMETER: 1			
# IN 2 IN DIAMETER: 4			
# in 3 IN DIAMETER: 9			



TARGET APPROX 1/2 SCALE

BARBER - M24 0062370

SERIAL NUMBER: C6348724. 0

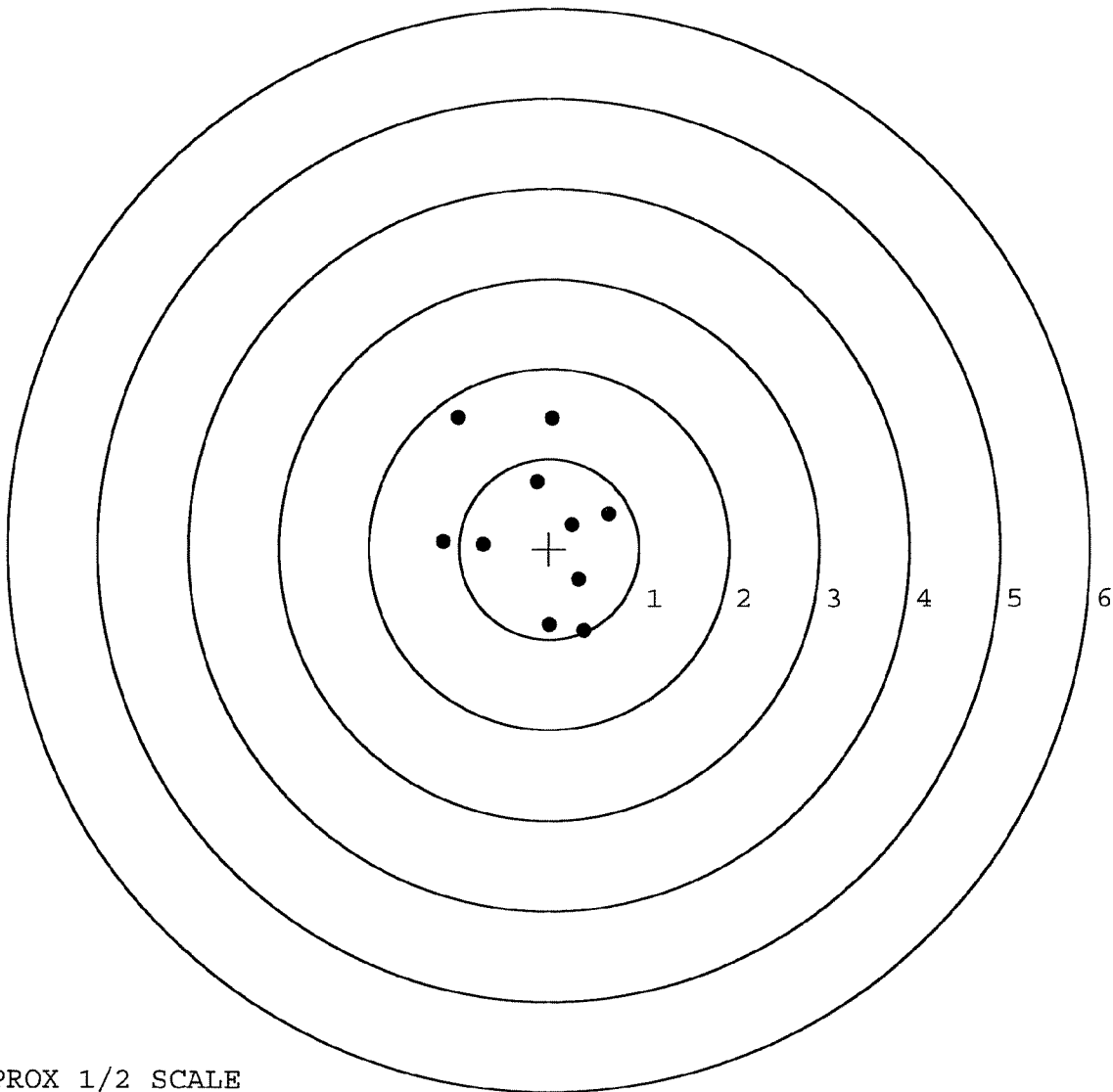
TARGET NUMBER: 5

FILE DATE: 04/21/2005

FILE TIME: 06:53

X CENTROID: -0.139
Y CENTROID: 0.235
POA TO CENTROID: 0.273
HORZ SPREAD: 1.838
VERT SPREAD: 2.370
GROUP SPREAD: 2.755
MIN RADIUS: 0.398
MAX RADIUS: 1.502
MEAN RADIUS: 0.922
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.391	-0.913
2:	-0.006	-0.844
3:	0.328	-0.342
4:	0.257	0.268
5:	0.664	0.393
6:	-0.140	0.745
7:	0.035	1.452
8:	-1.013	1.457
9:	-0.737	0.049
10:	-1.174	0.081



TARGET APPROX 1/2 SCALE

R & E NUMBER	92564		
SERIAL NUMBER	C6348724		
LOG-IN DATE	2-7-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	3-15-05	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	SW
620	APPLY COATINGS	4/5	HP
625 A	FINAL ASSEMBLY	4-20-05	RTZ
B	TRIGGER PULL TEST	4-22-05	TRW
C	SAFETY "ON" FORCE	4-22-05	AC
D	SAFETY "OFF" FORCE	4-22-05	AC
E	FIRING PIN INDENT	4-22-05	AC
640	TARGET	4-21-05	AC
655	FINAL INSPECT	4-22-05	AC
660	PACK	4-23-05	DA
		SHIP DATE	
		QAR INSPECTION DATE	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348724

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	10/31/89		KCR
	Magnaflux Bolt	10/31/89		KCR
615	Rollmark Caliber			
7	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)		11-3-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11-9-89	A
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11-9-89	A
	C) Inspect Ejector Hole for Chamfer		11-9-89	A
	D) Oil Firing Pin Ass'y		11-9-89	A
	E) Adjust Trigger Pull to Min Setting and Stake		11/15/89	928

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	5	4	4	16 Nov 89	JS
	G) Safety Off Force	3	3	3	16 Nov 89	JS
	H) Trigger Pull Test & Retainability				16 Nov 89	JS
	I) Firing Pin Indent	.023	.023	.023	16 Nov 89	JS
	J) Assemble Stock				11-29-89	AC
	K) Assemble Swivel Studs				6 Dec 89	JS
	L) Attach Front and Rear Sight Assemblies				11-27-89	AC
	M) Iron Sight Alignment				11-29-89	K
	N) Detach Front & Rear Sights & place in numbered container				11-29-89	AC
	O) Attach Scope to Rifle				29 Nov 89	JS
	P) Detach & Attach Scope 20 Times				29 Nov 89	JS
640	Gallery Target & Test				12-5-89	DH
	A) Time				12-5-89	DH
	B) Malfunctions				12-5-89	DH
	C) Pierced Primers				12-5-89	DH
	D) Optical Clarity of Scope				12-5-89	DH
645	Inspect for Live Ammo				12-5-89	DH
655	Final Inspection					
	A) Headspace				6 Dec 89	JS
	B) Trigger Pull	2.28	2.30	2.19	6 Dec 89	JS
	C) Function				6 Dec 89	JS
660	Pack				15 Dec 89	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 8724 C6348724

DATE 3-10-90

TESTER 921

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.15	2.39	2.55	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.18	2.39	2.47	
PULL #3	2.54	2.36	2.48	
PULL #4	2.42	2.42	2.43	
PULL #5	2.41	2.41	2.49	
TOTAL	11.70	11.97	12.42	
AVG.	2.34	2.394	2.484	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.20	3.21	
PULL #2	3.21	3.26	
PULL #3	3.24	3.24	
PULL #4	3.24	3.17	
PULL #5	3.25	3.21	
TOTAL	16.14	16.09	
AVG.	3.228	3.218	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.09	4.28		4.35
PULL #2	4.26	4.29		4.28
PULL #3	4.24	4.28		4.35
PULL #4	4.20	4.26		4.32
PULL #5	4.20	4.22		4.32
TOTAL	20.99	21.33		21.62
AVG.	4.198	4.266		4.324

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06348724
5 Dec 1989

CENTROIDAL DISTANCES

0 TO	1	.079404
1 TO	2	.199542
1 TO	3	.501511
1 TO	4	.306413
1 TO	5	.44438

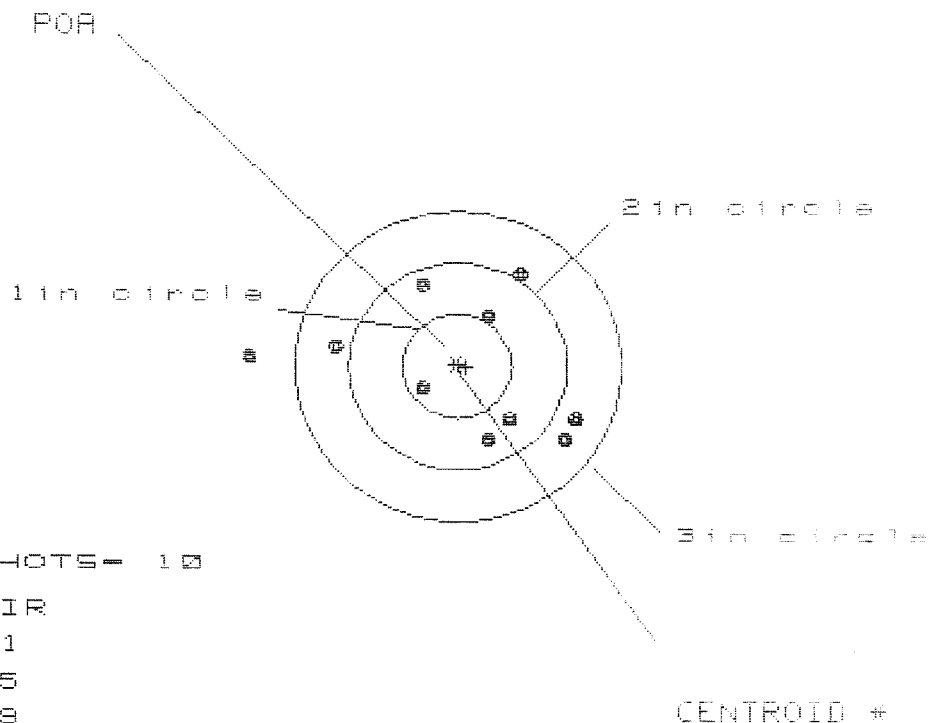
5 #3 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0088
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0316
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0328024
THE AMR FOR THIS RIFLE IS: .9744

5 Dec 1989

FILE:/PATTERNING/CENTERFIRE_PATT/05348724

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS= 2.978

VS= 1.543

GS= 3.035

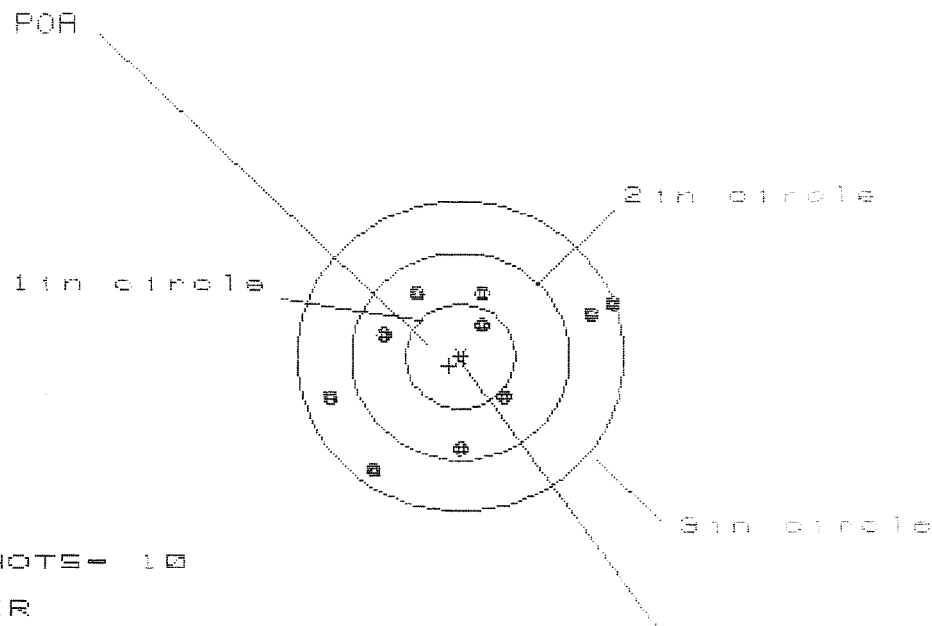
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.069	.857	.954
MINIMUM X	-1.909	-1.334	-1.237
MAXIMUM Y	.861	.873	.789
MINIMUM Y	-.682	-.670	-.732
CENTROID X	-.079	.133	.036
CENTROID Y	.008	-.004	.080
POA TO CENTROID in.	.079	.133	.087
MIN RADIUS	.366	.475	.432
MEAN RADIUS	.965	.834	.808
MAX RADIUS	1.912	1.351	1.243
HORIZONTAL SPREAD	2.978	2.191	2.191
VERTICAL SPREAD	1.543	1.543	1.521
EXTREME SPREAD	3.035	2.294	2.294
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 6

3 in = 10

HS= 2.608

VS= 1.737

GS= 2.771

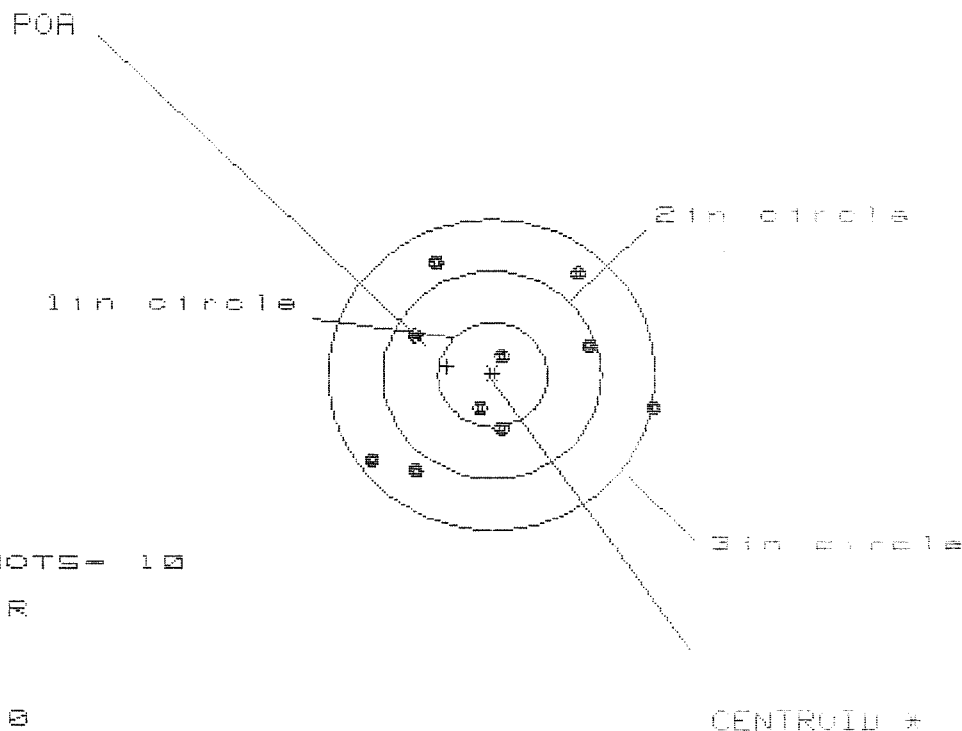
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.369	1.356	1.269
MINIMUM X	:	-1.239	-1.087	-1.174
MAXIMUM Y	:	.648	.705	.576
MINIMUM Y	:	-1.089	-1.032	-.928
CENTROID X	:	.102	-.050	.037
CENTROID Y	:	.092	.035	.164
POA TO CENTROID in.	:	.137	.061	.158
MIN RADIUS	:	.377	.504	.349
MEAN RADIUS	:	.940	.881	.812
MAX RADIUS	:	1.461	1.449	1.326
HORIZONTAL SPREAD	:	2.608	2.443	2.443
VERTICAL SPREAD	:	1.737	1.737	1.504
EXTREME SPREAD	:	2.771	2.597	2.597
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 5

3 in = 10

HS = 2.520

VS = 1.963

GS = 2.584

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.438	1.042	.927
MINIMUM X	:	-1.082	-.922	-.713
MAXIMUM Y	:	1.092	1.055	.954
MINIMUM Y	:	-.871	-.908	-1.009
CENTROID X	:	.414	.254	.369
CENTROID Y	:	-.084	-.047	.054
POA TO CENTROID in.	:	.422	.258	.373
MIN RADIUS	:	.167	.252	.108
MEAN RADIUS	:	.923	.860	.804
MAX RADIUS	:	1.477	1.359	1.210
HORIZONTAL SPREAD	:	2.520	1.964	1.640
VERTICAL SPREAD	:	1.963	1.963	1.963
EXTREME SPREAD	:	2.584	2.584	2.407
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS

4

POR

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS= 2.288

VS= 3.045

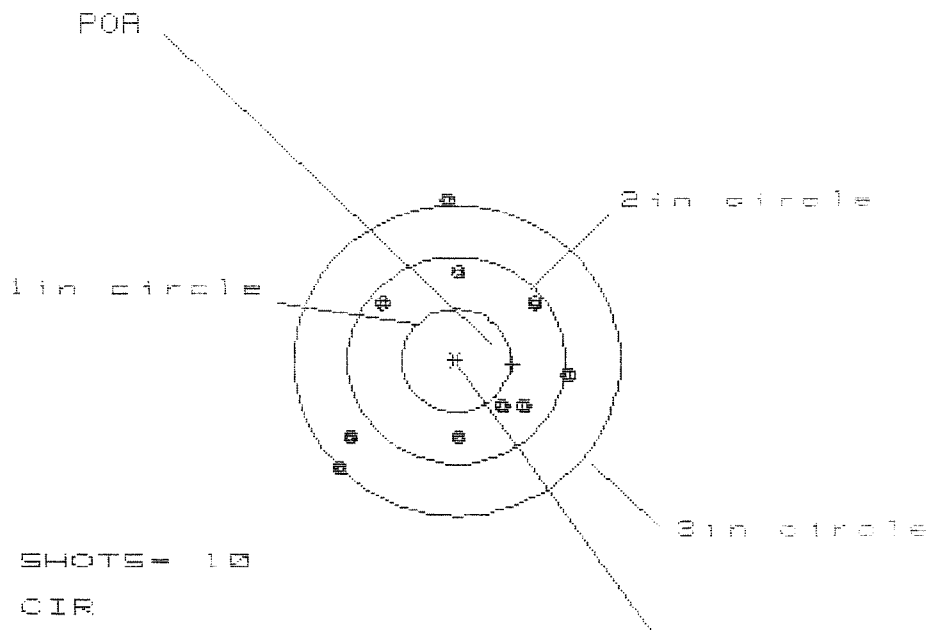
GS= 3.259

PATTERN #	:	4
SHOTS (BEST OF)	:	10
MAXIMUM X	:	1.356
MINIMUM X	:	-0.932
MAXIMUM Y	:	1.053
MINIMUM Y	:	-1.992
CENTROID X	:	.129
CENTROID Y	:	-.217
POR TO CENTROID in.	:	.252
MIN RADIUS	:	.338
MEAN RADIUS	:	1.042
MAX RADIUS	:	2.267
HORIZONTAL SPREAD	:	2.288
VERTICAL SPREAD	:	3.045
EXTREME SPREAD	:	3.259
NUMBER IN ONE INCH CIRCLE	=	1
NUMBER IN TWO INCH CIRCLE	=	5
NUMBER IN THREE INCH CIRCLE	=	9

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 6

3 in = 8

HS= 2.117

VS= 2.579

GS= 2.787

CENTROID #

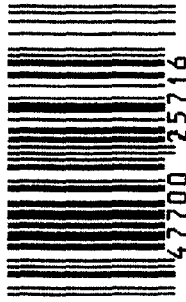
PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.991	.983	.842
MINIMUM X	-1.126	-1.134	-1.087
MAXIMUM Y	1.571	1.049	.945
MINIMUM Y	-1.008	-.833	-.656
CENTROID X	-.522	-.514	-.373
CENTROID Y	.043	-.132	-.028
POA TO CENTROID in.	.524	.531	.374
MIN RADIUS	.630	.508	.481
MEAN RADIUS	1.002	.917	.833
MAX RADIUS	1.573	1.407	1.266
HORIZONTAL SPREAD	2.117	2.117	1.938
VERTICAL SPREAD	2.579	1.882	1.601
EXTREME SPREAD	2.787	2.368	2.040
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		8	

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