

C6225238

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Repair Inquiry

Repair Number: RE00156485

Serial: C6225238 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 06/21/1989

Repairman:

Status: Closed 12/6/2008 7:41:35 AM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: DEPARTMENT OF THE ARMY SUPPLY OFFICER

DEPARTMENT OF THE ARMY SUPPLY OFFICER

Address 1: DOL SISA BLDG 9660 BAY A

DOL SISA BLDG 9660 BAY A

Address 2: BOX 339500 MAIL STOP 181

PO Box:

BOX 339500 MAIL STOP 181

PO Box:

City: FORT LEWIS

FORT LEWIS

State: WA

Zip Code: 98433

Country: US

State: WA

Zip Code: 98433

Country: US

FPL:

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 SYS	1
A057	Fit and Rear Sgt Base	1
D000	MARS RAIL	1

Repair Search

Refresh

Close

naglej

12/8/2008

12:27 PM

CAPS

NUM

INS

SCRL



L F
Slings
B: Pool
mini ARD

Serial Number:

C6225238

Model: M24 SWS



RE00156485

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

R & E NUMBER _____
 SERIAL NUMBER ~~C622528~~ C6225238
 LOG-IN DATE 12-6-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	12-10-08	RTZ
505	RE-BARREL	12-10-08	RTZ
560	ASSEMBLE	12-10-08	RTZ
600	PROOF	12-15-08	RTZ
605	CHECK HEADSPACE	12-15-08	RTZ
610	DIS-ASSEMBLE GUN	12-15-08	RTZ
612	MAGNAFLUX	12-16-08	RTZ
510	DRILL AND TAP	12-16-08	RTZ
615	ROLLMARK CALIBER	12-16-08	RTZ
618	ROTO-BLAST	1/5	RTZ
620	APPLY COATINGS	1/7	RTZ
625	FINAL ASSEMBLY	1-8-09	RTZ
640	FUNCTION TEST AND	1-9-09	RTZ
650	TARGET	1-9-09	RTZ
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	1-9-09	RTZ
	A) HEADSPACE	1-12-09	RTZ
	B) TRIGGER PULL	1-12-09	RTZ
	C) SAFETY ON FORCE	1-12-09	RTZ
	D) SAFETY OFF FORCE	1-12-09	RTZ
	E) FIRING PIN INDENT	1-12-09	RTZ
690	PACK	1-12-09	RTZ

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225238-0
FILE DATE AND TIME: 01/12/2009 06:32

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

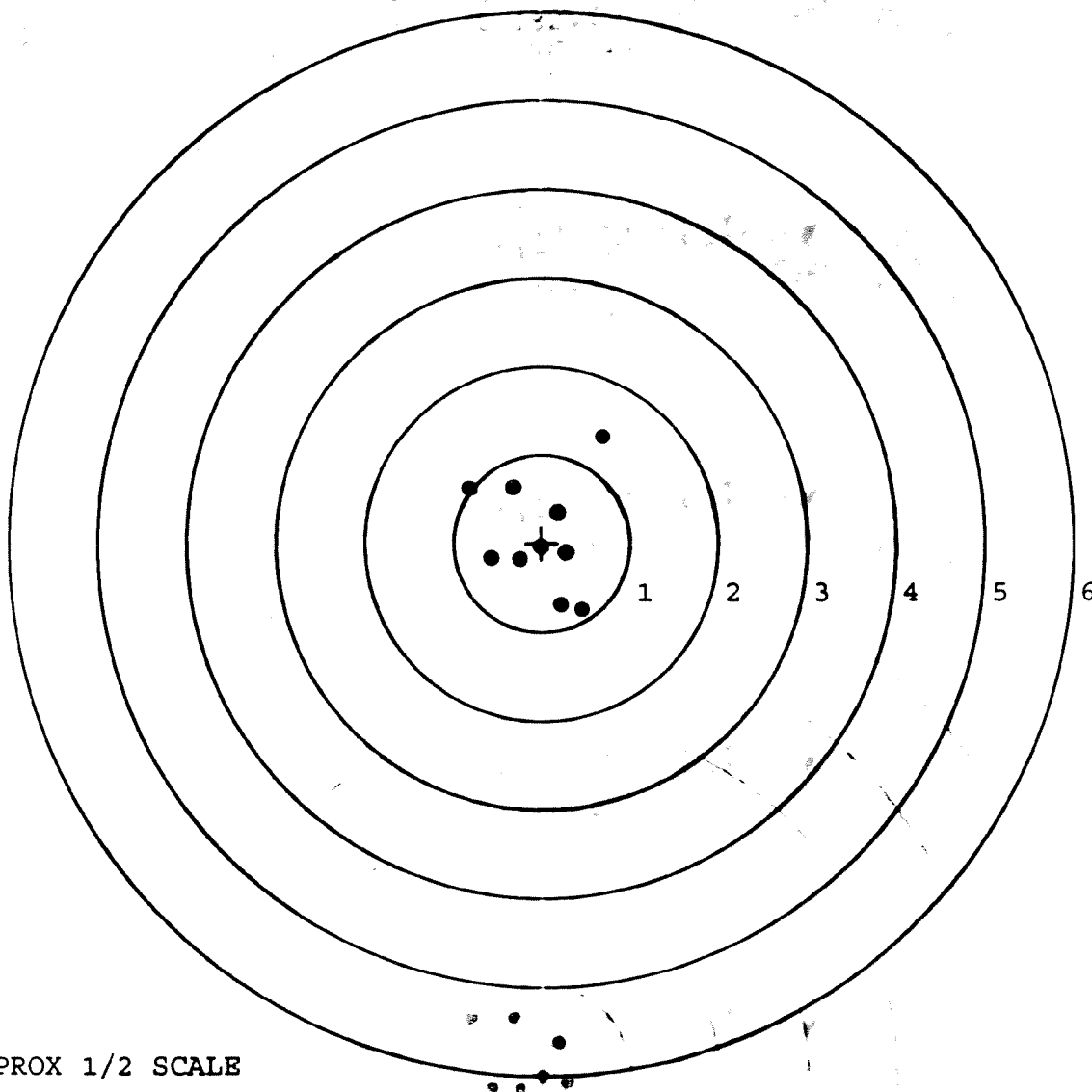
The Average X Centroid of the Five Target Set:	-0.064
The Average Y Centroid of the Five Target Set:	-0.023
The Average Point of Impact of the Five Target Set:	0.068
The Average Mean Radius of the Five Target Set:	0.582
The Distance from POA to Centroid Target #1:	0.085
The Distance from Centroid Target #2 to Centroid Target #1:	0.161
The Distance from Centroid Target #3 to Centroid Target #1:	0.099
The Distance from Centroid Target #4 to Centroid Target #1:	0.148
The Distance from Centroid Target #5 to Centroid Target #1:	0.294

BARBER - M24 0011288

SERIAL NUMBER: C6225238. __0
 TARGET NUMBER: 1
 FILE DATE: 01/12/2009
 FILE TIME: 06:32

X CENTROID: -0.014
 Y CENTROID: 0.084
 POA TO CENTROID: 0.085
 HORZ SPREAD: 1.522
 VERT SPREAD: 1.952
 GROUP SPREAD: 1.967
 MIN RADIUS: 0.128
 MAX RADIUS: 1.327
 MEAN RADIUS: 0.649
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.699	1.203
2:	-0.823	0.621
3:	-0.321	0.636
4:	0.182	0.347
5:	0.276	-0.113
6:	-0.577	-0.175
7:	-0.247	-0.193
8:	-0.010	-0.044
9:	0.459	-0.749
10:	0.223	-0.697



TARGET APPROX 1/2 SCALE

BARBER - M24 0011289

SERIAL NUMBER: C6225238. 0

TARGET NUMBER: 2

FILE DATE: 01/12/2009

FILE TIME: 06:32

POINT#	X	Y
1:	-0.626	0.746
2:	-0.526	0.382
3:	-0.628	0.248
4:	-0.138	0.571
5:	0.018	0.231
6:	0.358	-0.158
7:	0.184	-0.306
8:	-0.107	-0.365
9:	0.015	0.005
10:	-0.203	-1.053

X CENTROID: -0.165

Y CENTROID: 0.030

POA TO CENTROID: 0.168

HORZ SPREAD: 0.986

VERT SPREAD: 1.799

GROUP SPREAD: 1.848

MIN RADIUS: 0.182

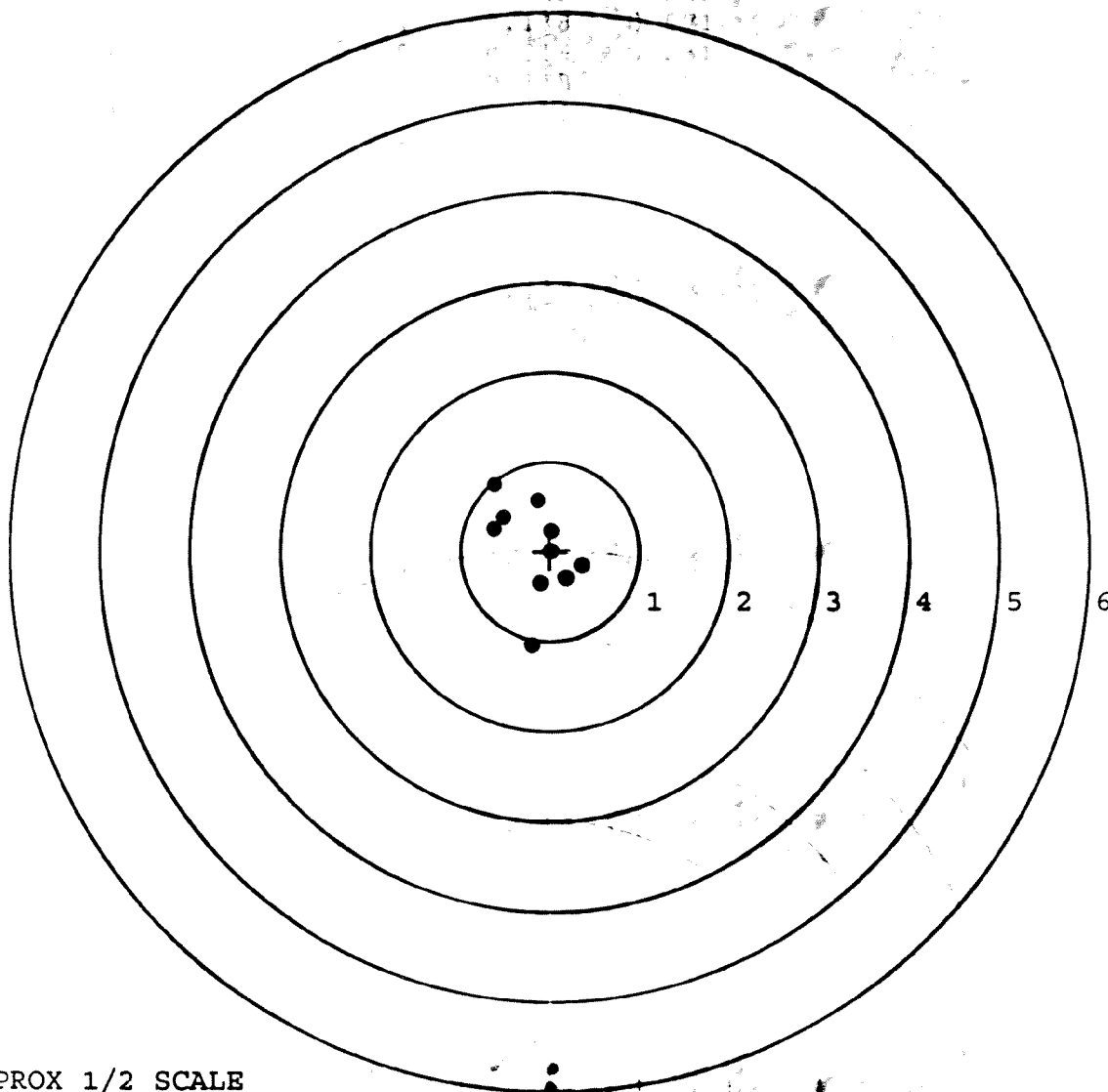
MAX RADIUS: 1.084

MEAN RADIUS: 0.539

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0011290

SERIAL NUMBER: C6225238. __0

TARGET NUMBER: 3

FILE DATE: 01/12/2009

FILE TIME: 06:32

X CENTROID: 0.054

Y CENTROID: 0.012

POA TO CENTROID: 0.055

HORZ SPREAD: 1.548

VERT SPREAD: 2.240

GROUP SPREAD: 2.240

MIN RADIUS: 0.164

MAX RADIUS: 1.283

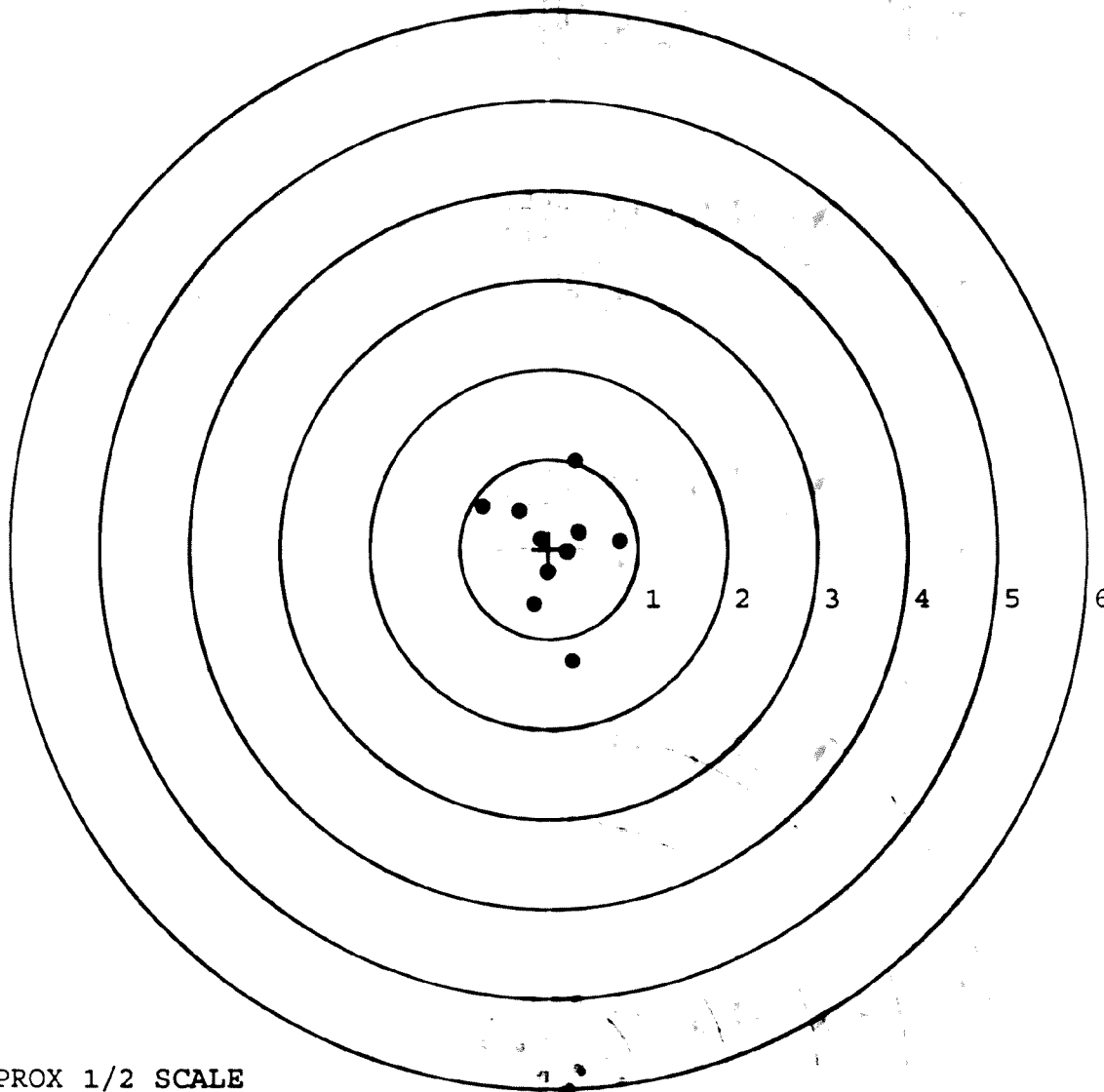
MEAN RADIUS: 0.615

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.299	0.986
2:	-0.750	0.478
3:	-0.338	0.426
4:	-0.088	0.107
5:	0.335	0.190
6:	0.211	-0.034
7:	0.798	0.093
8:	-0.017	-0.261
9:	-0.172	-0.614
10:	0.262	-1.254



TARGET APPROX 1/2 SCALE

BARBER - M24 0011291

SERIAL NUMBER: C6225238. 0

TARGET NUMBER: 4

FILE DATE: 01/12/2009

FILE TIME: 06:32

X CENTROID: -0.074

Y CENTROID: -0.051

POA TO CENTROID: 0.090

HORZ SPREAD: 0.730

VERT SPREAD: 1.973

GROUP SPREAD: 1.973

MIN RADIUS: 0.121

MAX RADIUS: 1.126

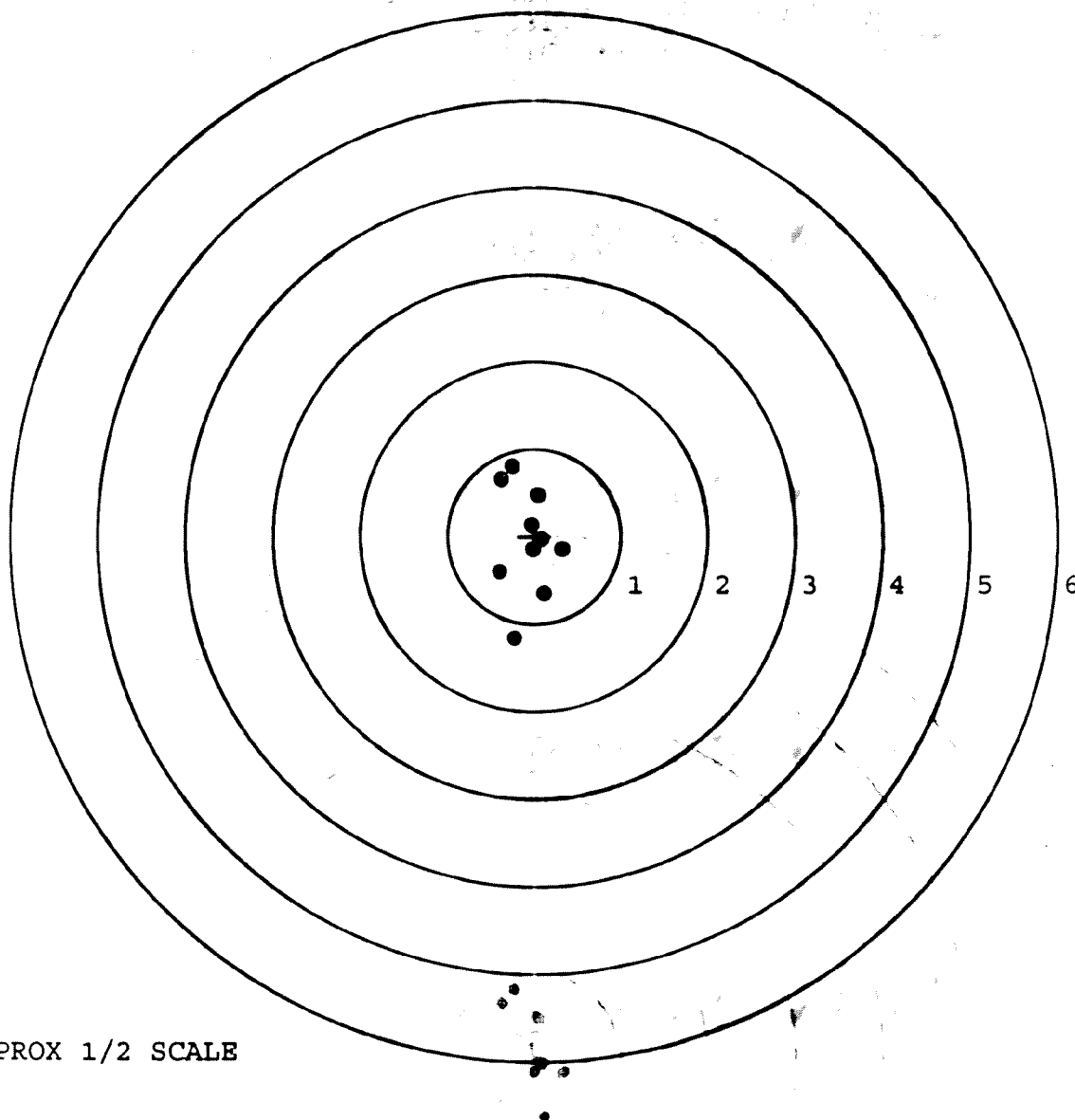
MEAN RADIUS: 0.531

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.256	0.806
2:	-0.384	0.658
3:	0.051	0.473
4:	-0.031	0.123
5:	-0.016	-0.157
6:	0.324	-0.153
7:	0.119	-0.655
8:	-0.406	-0.407
9:	-0.230	-1.167
10:	0.084	-0.034



TARGET APPROX 1/2 SCALE

BARBER - M24 0011292

SERIAL NUMBER: C6225238. 0

TARGET NUMBER: 5

FILE DATE: 01/12/2009

FILE TIME: 06:32

X CENTROID: -0.120

Y CENTROID: -0.190

POA TO CENTROID: 0.225

HORZ SPREAD: 0.704

VERT SPREAD: 1.737

GROUP SPREAD: 1.739

MIN RADIUS: 0.278

MAX RADIUS: 0.974

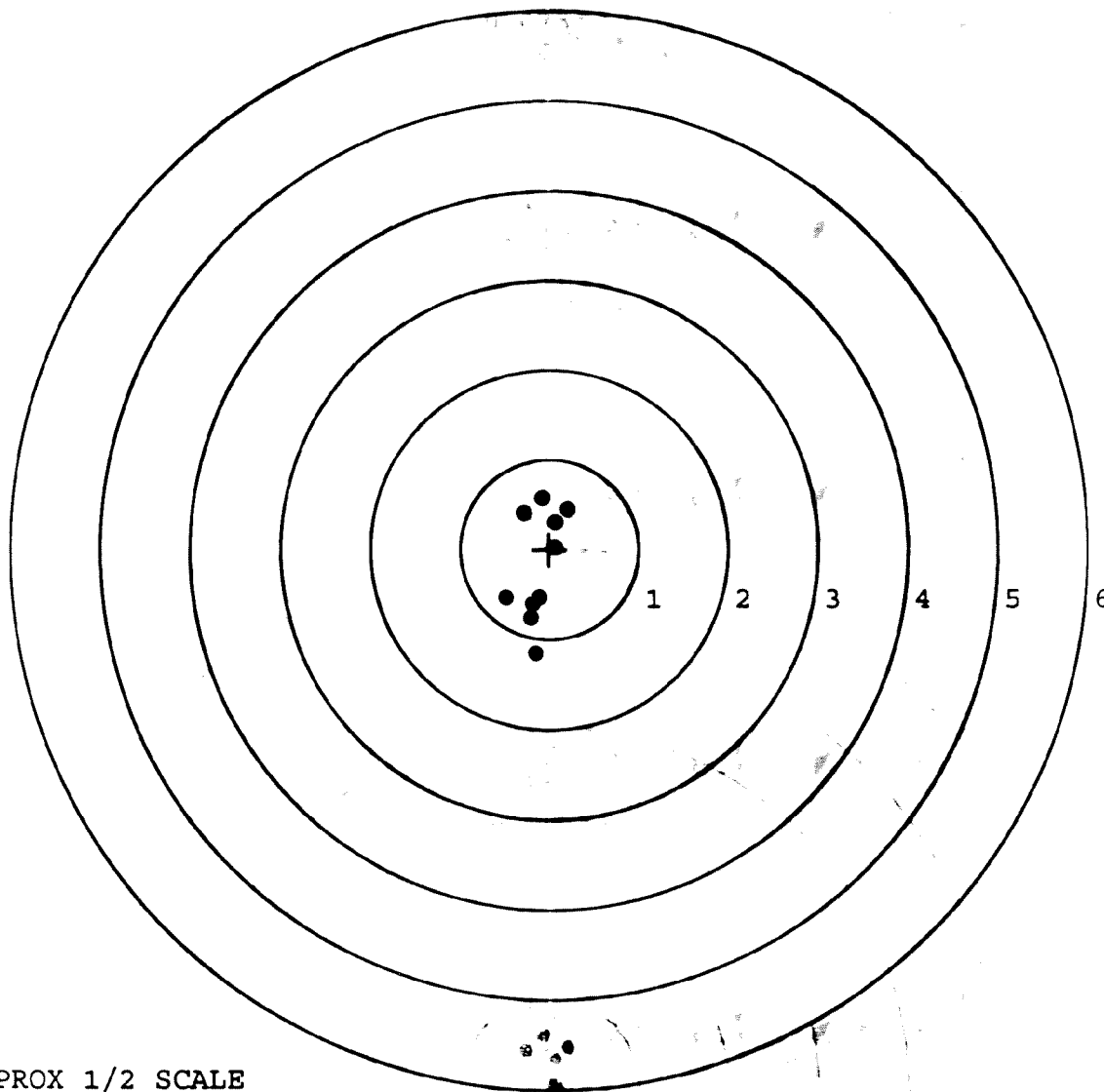
MEAN RADIUS: 0.576

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.293	0.400
2:	-0.085	0.573
3:	0.212	0.445
4:	0.073	0.299
5:	0.062	0.020
6:	-0.158	-1.164
7:	-0.209	-0.771
8:	-0.118	-0.541
9:	-0.492	-0.546
10:	-0.191	-0.618



TARGET APPROX 1/2 SCALE

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: **RE00092203** Serial: C6225238 Model: M24 SWS Center Fire Caliber: 7.62 NATO Produced: 06/21/1989 Repairman: Status: Closed 2/1/2005 7:07:42 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: 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
A017	Scope Base	1
A026	Scope	1
A057	Fit and Rear Sgt Base	1

Repair Search Refresh Close

negletj 2/7/2005 11:07 AM CAPS NUM INS SCPL

start 3 3 3

Serial Number: **C6225238**

Model: **M24 SWS**



RE00092203

M-24 INSPECTION CHECKLIST
 CONTRACT #: DAAE-20-02-D-0127

R & E NUMBER	92203		
SERIAL NUMBER	C6225238		
LOG-IN DATE	2-1-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	6-15-05	RTL
560 A	RE-BARREL	6-20-05	RTL
B	DRILL AND TAP	6-22-05	TRW
575	ASSEMBLE	6-20-05	RTL
600	PROOF	6-22-05	RTL
605	CHECK HEADSPACE	6-22-05	RTL
610	DIS-ASSEMBLE GUN	6-22-05	RTL
612	MAGNAFLUXATOR	6-23-05	und
615	ROLLMARK CALIBER	6-23-05	CW
618	ROTO-BLAST	7/7/05	JS
620	APPLY COATINGS	7-18-05	W
625 A	FINAL ASSEMBLY	8-4-05	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	8-16-05	AC
D	SAFETY "OFF" FORCE	8-16-05	AC
E	FIRING PIN INDENT	8-16-05	AC
640	TARGET	8-9-05	TRW
655	FINAL INSPECT	8-16-05	AC
660	PACK	9-19-05	RA
		SHIP DATE	
		QAR INSPECTION DATE	

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225238.___0
FILE DATE AND TIME: 08/09/2005 10:46

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.164
The Average Y Centroid of the Five Target Set:	0.063
The Average Point of Impact of the Five Target Set:	0.176
The Average Mean Radius of the Five Target Set:	0.912
The Distance from POA to Centroid Target #1:	0.189
The Distance from Centroid Target #2 to Centroid Target #1:	0.868
The Distance from Centroid Target #3 to Centroid Target #1:	0.552
The Distance from Centroid Target #4 to Centroid Target #1:	0.374
The Distance from Centroid Target #5 to Centroid Target #1:	0.688

SERIAL NUMBER: C6225238. __0

TARGET NUMBER: 1

FILE DATE: 08/09/2005

FILE TIME: 10:46

POINT#	X	Y
1:	0.693	0.257
2:	0.407	-0.329
3:	0.310	0.133
4:	-0.090	0.215
5:	-0.333	0.103
6:	-0.315	-0.138
7:	-0.126	-0.320
8:	-0.860	0.066
9:	-1.327	-0.803
10:	-0.227	0.500

X CENTROID: -0.187

Y CENTROID: -0.032

POA TO CENTROID: 0.189

HORZ SPREAD: 2.020

VERT SPREAD: 1.303

GROUP SPREAD: 2.281

MIN RADIUS: 0.167

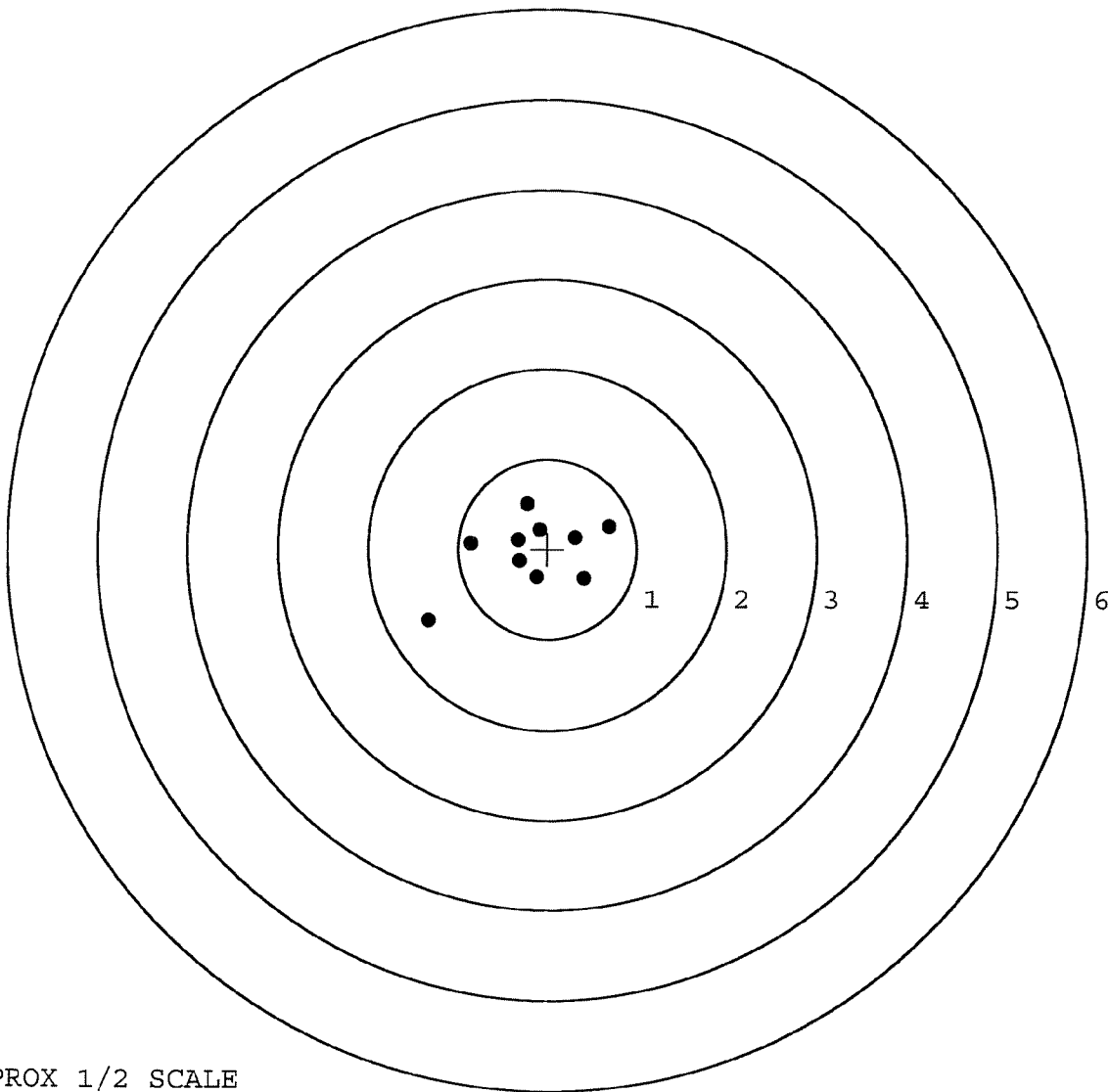
MAX RADIUS: 1.377

MEAN RADIUS: 0.563

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

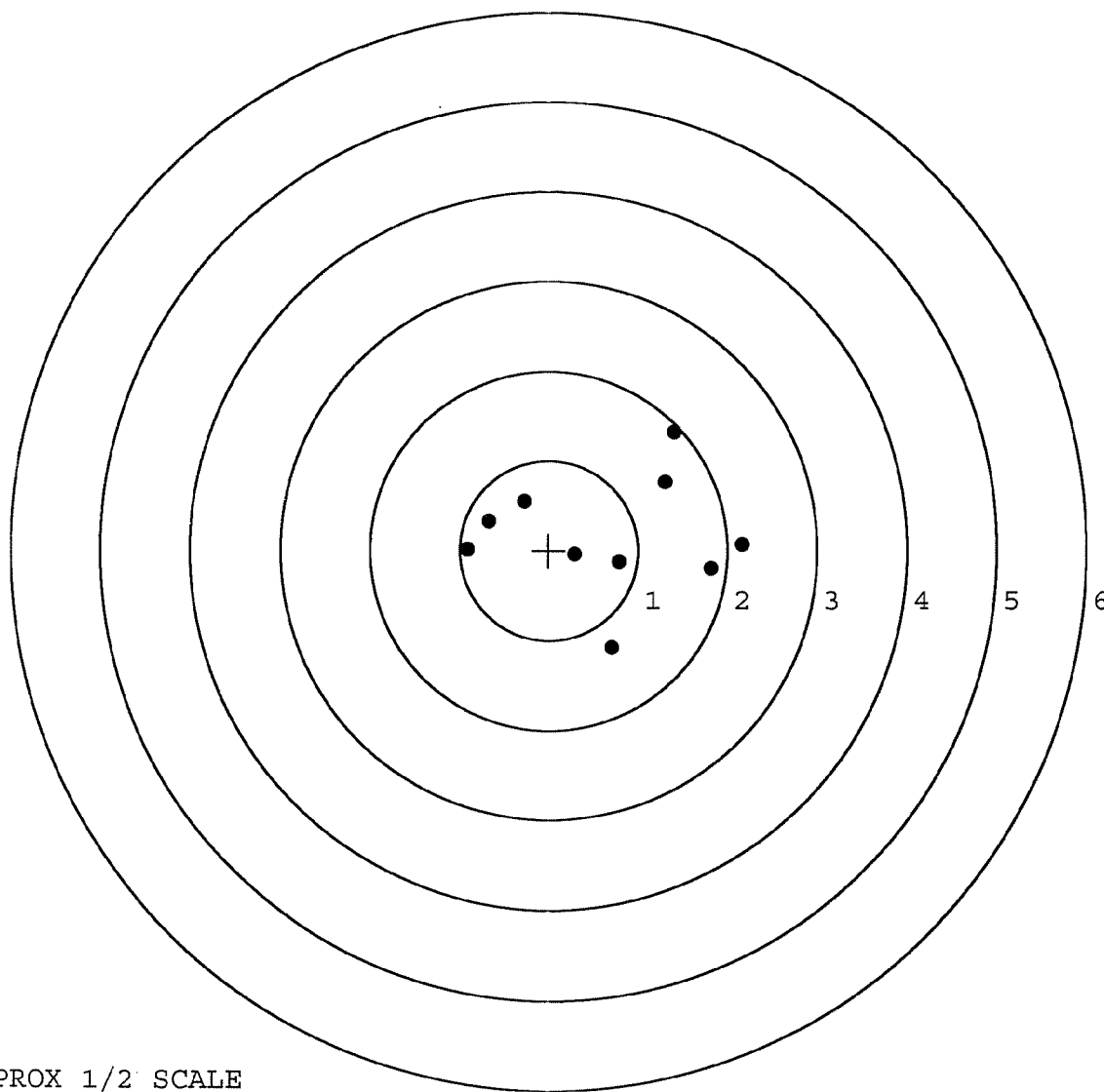
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0011297

SERIAL NUMBER: C6225238. __0	<u>POINT#</u>	<u>X</u>	<u>Y</u>
TARGET NUMBER: 2	1:	1.818	-0.202
FILE DATE: 08/09/2005	2:	2.164	0.073
FILE TIME: 10:46	3:	1.306	0.765
	4:	1.405	1.325
X CENTROID: 0.661	5:	0.708	-1.081
Y CENTROID: 0.158	6:	0.791	-0.133
POA TO CENTROID: 0.679	7:	0.289	-0.049
HORZ SPREAD: 3.081	8:	-0.279	0.543
VERT SPREAD: 2.406	9:	-0.677	0.322
GROUP SPREAD: 3.082	10:	-0.917	0.013
MIN RADIUS: 0.318			
MAX RADIUS: 1.584			
MEAN RADIUS: 1.092			
# IN 1 IN DIAMETER: 2			
# IN 2 IN DIAMETER: 3			
# in 3 IN DIAMETER: 8			



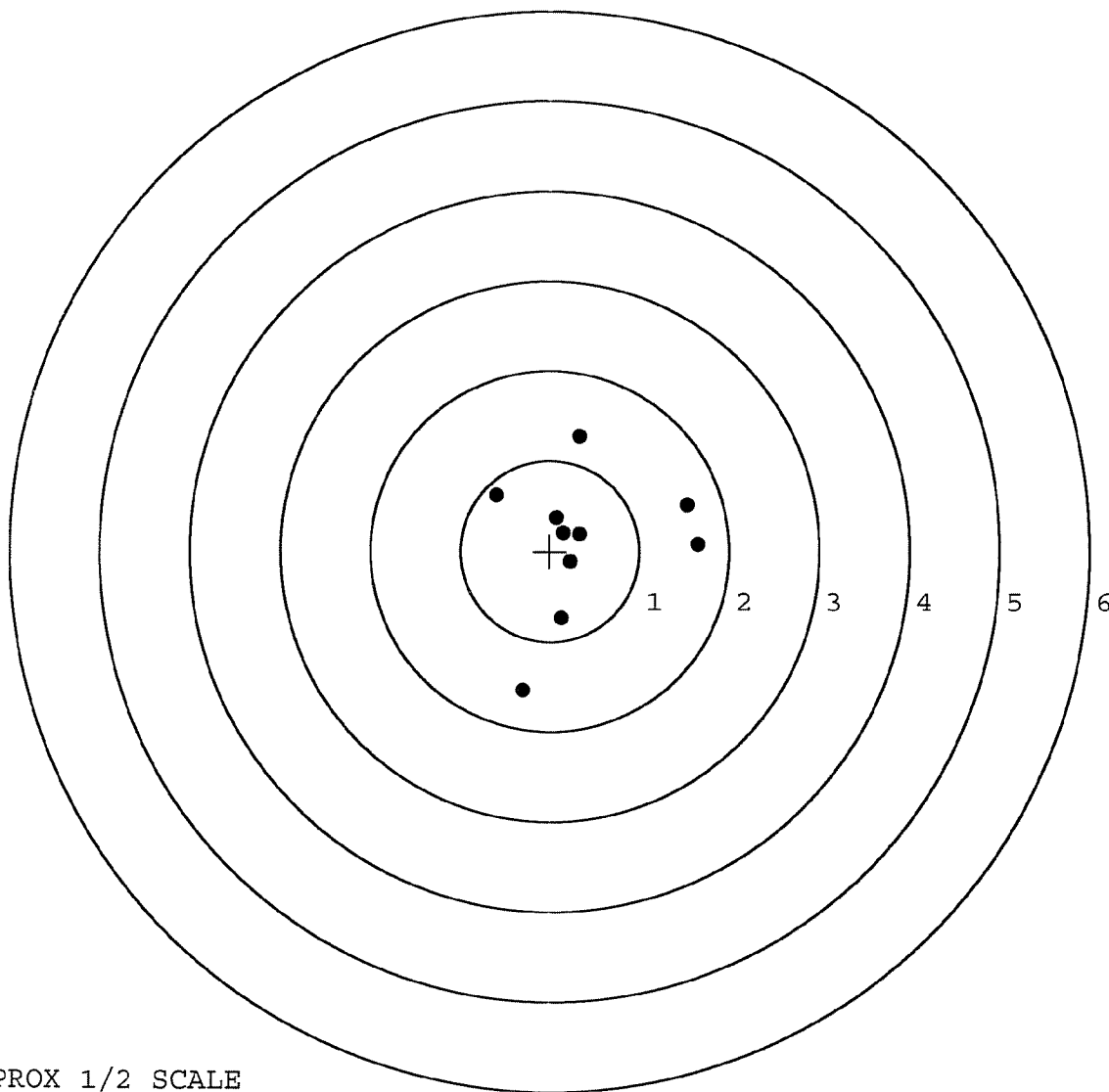
TARGET APPROX 1/2 SCALE

BARBER - M24 0011298

SERIAL NUMBER: C6225238.____0
 TARGET NUMBER: 3
 FILE DATE: 08/09/2005
 FILE TIME: 10:46

POINT#	X	Y
1:	-0.300	-1.553
2:	0.128	-0.746
3:	0.230	-0.114
4:	0.330	0.188
5:	0.153	0.205
6:	0.080	0.372
7:	-0.606	0.616
8:	0.330	1.268
9:	1.533	0.515
10:	1.648	0.085

X CENTROID: 0.353
 Y CENTROID: 0.084
 POA TO CENTROID: 0.362
 HORZ SPREAD: 2.254
 VERT SPREAD: 2.821
 GROUP SPREAD: 2.890
 MIN RADIUS: 0.107
 MAX RADIUS: 1.762
 MEAN RADIUS: 0.842
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0011299

SERIAL NUMBER: C6225238. __0

TARGET NUMBER: 4

FILE DATE: 08/09/2005

FILE TIME: 10:46

POINT#	X	Y
1:	0.364	-0.569
2:	-0.426	-0.807
3:	-0.704	-0.453
4:	-0.515	-0.121
5:	0.585	0.190
6:	0.187	0.642
7:	-0.234	0.868
8:	-0.542	1.759
9:	-1.781	0.986
10:	-2.017	-0.895

X CENTROID: -0.508

Y CENTROID: 0.160

POA TO CENTROID: 0.533

HORZ SPREAD: 2.602

VERT SPREAD: 2.654

GROUP SPREAD: 3.036

MIN RADIUS: 0.281

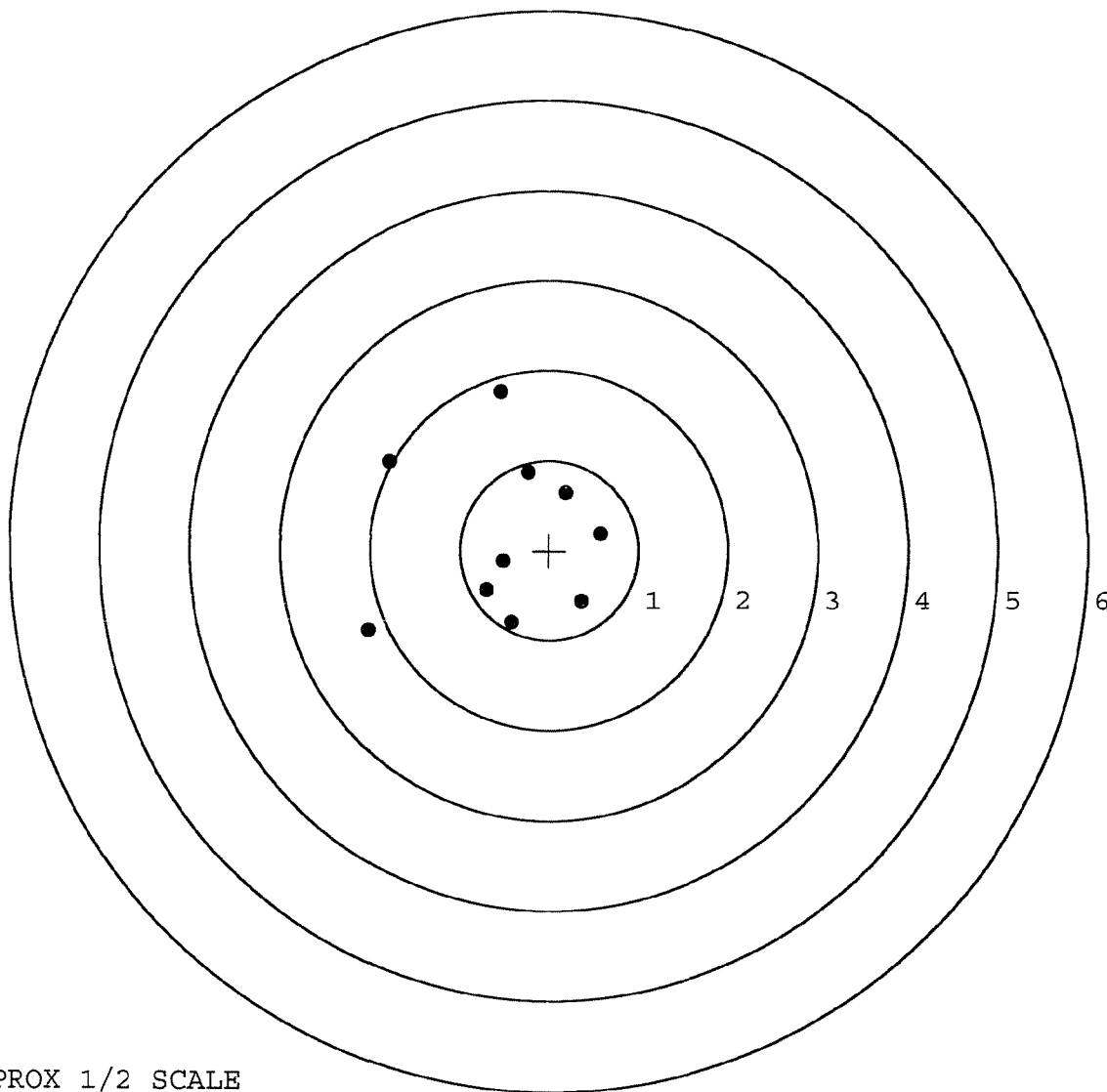
MAX RADIUS: 1.841

MEAN RADIUS: 1.069

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 7



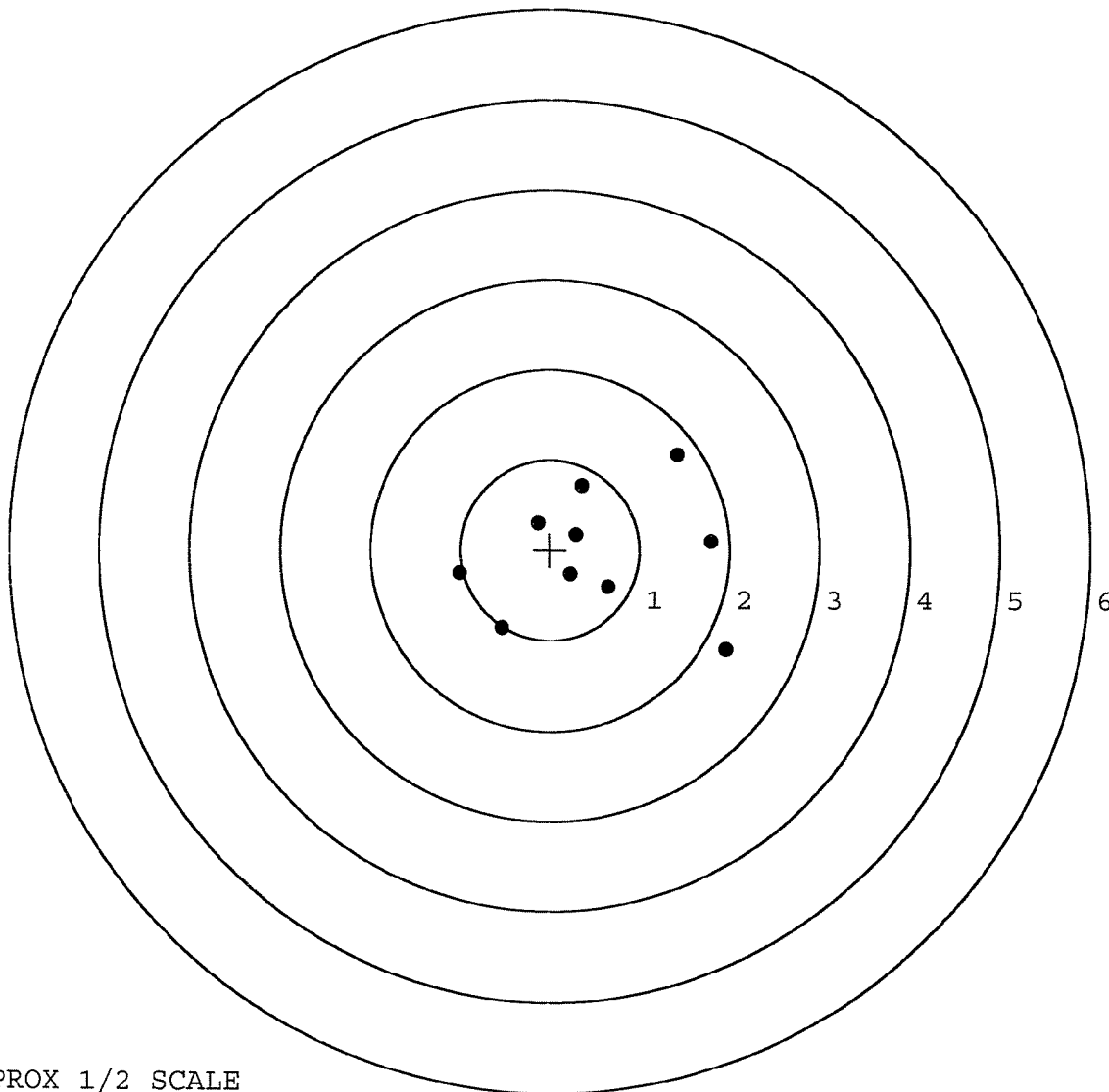
TARGET APPROX 1/2 SCALE

BARBER - M24 0011300

SERIAL NUMBER: C6225238.____0
 TARGET NUMBER: 5
 FILE DATE: 08/09/2005
 FILE TIME: 10:46

POINT#	X	Y
1:	1.963	-1.104
2:	1.797	0.103
3:	1.416	1.063
4:	0.648	-0.411
5:	0.227	-0.270
6:	0.293	0.178
7:	0.355	0.716
8:	-0.137	0.304
9:	-0.538	-0.869
10:	-1.012	-0.263

X CENTROID: 0.501
 Y CENTROID: -0.055
 POA TO CENTROID: 0.504
 HORZ SPREAD: 2.975
 VERT SPREAD: 2.167
 GROUP SPREAD: 3.092
 MIN RADIUS: 0.313
 MAX RADIUS: 1.799
 MEAN RADIUS: 0.996
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225238

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	4 12	89	RW
600	Proof	4 12	89	RW
607	Check Headspace	4 12	89	RW
610	Dis-assemble Gun	4 12	89	RW
612	Magnaflux Barrel Action		4/13/89	KCR
	Magnaflux Bolt		4/14/89	KCR
615	Rollmark Caliber		4/15/89	GS
617	Drill and Tap Sight Holes	4 14	89	LB
618	Polish Barrel RB	4 14	89	BT
620	Apply Coatings (Barrel Action)		4-20-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/1/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/1/89	RW
	C) Inspect Ejector Hole for Chamfer		5/1/89	RW
	D) Oil Firing Pin Ass'y		5/1/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/4/89	WB

op. #	BARBER - M24 0011302 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			5/4/89	JP
	G) Safety Off Force	3	3	3			5/4/89	JP
	H) Trigger Pull Test & Retainability						5/4/89	WB
	I) Firing Pin Indent	.020	.020	.020			5/4/89	JP
	J) Assemble Stock						5/4/89	RW
	K) Assemble Swivel Studs						15 May 89	WB
	L) Attach Front and Rear Sight Assemblies						5/4/89	RW
	M) Iron Sight Alignment						5/4/89	RW
	N) Detach Front & Rear Sights & place in numbered container						5/4/89	RW
	O) Attach Scope to Rifle						5/4/89	JP
	P) Detach & Attach Scope 20 Times						5/4/89	JP
640	Gallery Target & Test	54 R	98L				5/5/89	A
	A) Time						5/5/89	A
	B) Malfunctions						5/5/89	A
	C) Pierced Primers						5/5/89	A
	D) Optical Clarity of Scope						5/5/89	A
645	Inspect for Live Ammo						5/5/89	A
655	Final Inspection							
	A) Headspace						15 May 89	WB
	B) Trigger Pull	2.69	2.65	2.63	2.79	2.67	15 May 89	WB
	C) Function						15 May 89	WB
660	Pack						27 Nov 89	WB

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C6275738
DATE 5/4/89
TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.41	2.39	2.39	2.69	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.22	2.39	2.57	2.65	
PULL #3	2.28	2.33	2.31	2.63	
PULL #4	2.28	2.38	2.31	2.79	
PULL #5	2.30	2.48	2.53	2.67	
TOTAL	11.49	11.97	12.31	13.43	
AVG.	2.30	2.39	2.56	2.686	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.34	3.40		
PULL #2	3.24	3.29		
PULL #3	3.31	3.27		
PULL #4	3.29	3.26		
PULL #5	3.35	3.44		
TOTAL	16.53	16.66		
AVG.	3.31	3.33		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.14	4.26		4.32
PULL #2	4.28	4.24		4.15
PULL #3	4.24	4.24		4.25
PULL #4	4.27	4.24		4.12
PULL #5	4.32	4.32		4.06
TOTAL	21.25	21.30		20.90
AVG.	4.25	4.26		4.18

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225238
5 May 1989

CENTROIDAL DISTANCES

0 TO	1	.733592
1 TO	2	.66297
1 TO	3	1.25286
1 TO	4	.655989
1 TO	5	1.38937

3 2 1
4 <----POA
5

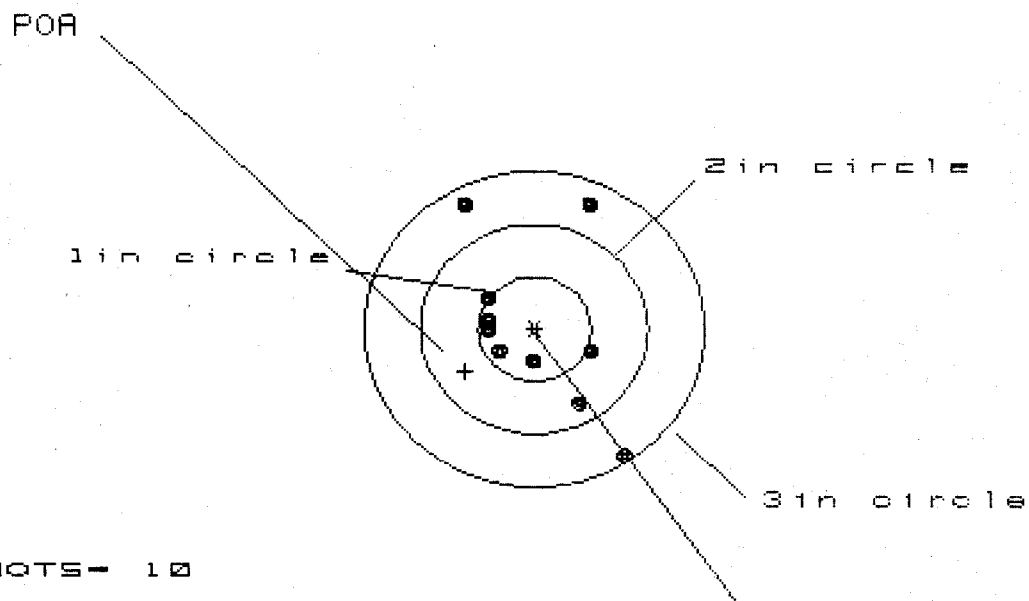
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0578
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0246
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0628172
THE AMR FOR THIS RIFLE IS: .7564

5 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225238

CENTERFIRE PATTERNS

1



OF SHOTS- 10

IN CIR

1 in - 4

2 in - 7

3 in = 10

HS- 1.392

VS= 2.418

GS= 2.790

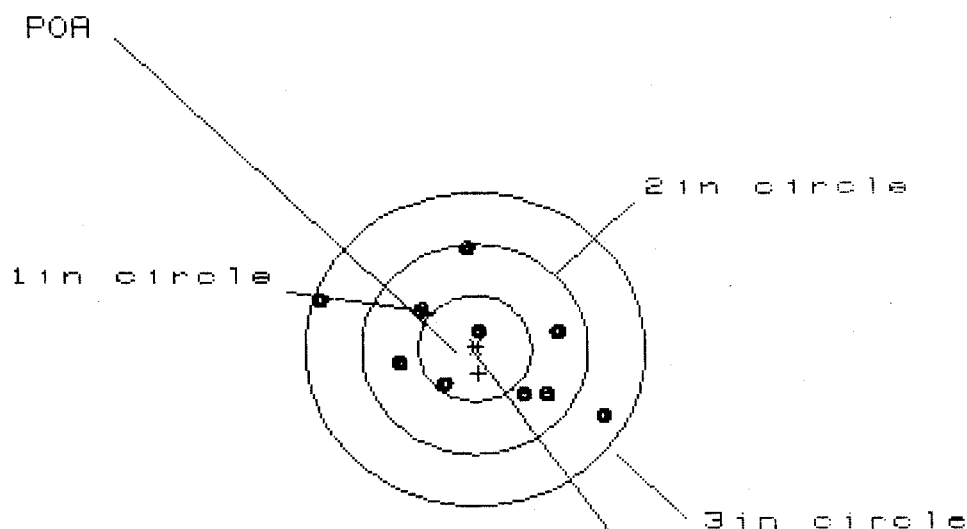
CENTROID *

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.796	.567	.503
MINIMUM X	-.596	-.507	-.421
MAXIMUM Y	1.167	1.028	1.150
MINIMUM Y	-1.251	-.832	-.703
CENTROID X	.611	.522	.586
CENTROID Y	.406	.545	.416
POA TO CENTROID in.	.733	.755	.719
MIN RADIUS	.310	.292	.321
MEAN RADIUS	.732	.643	.561
MAX RADIUS	1.482	1.166	1.254
HORIZONTAL SPREAD	1.392	1.074	.924
VERTICAL SPREAD	2.418	1.860	1.853
EXTREME SPREAD	2.790	2.083	1.858
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

5 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225238

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1in = 2

2in = 8

3in = 10

HS = 2.454

VS = 1.535

GS = 2.685

CENTROID *

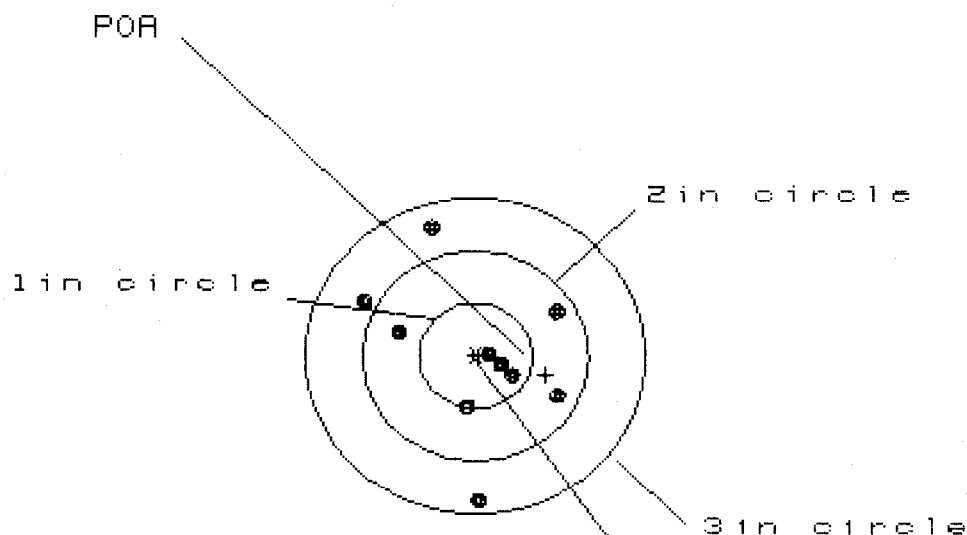
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.127	.979	.665
MINIMUM X	:	-1.337	-.842	-.720
MAXIMUM Y	:	.920	.971	.900
MINIMUM Y	:	-.615	-.564	-.497
CENTROID X	:	-.029	.119	-.003
CENTROID Y	:	.233	.182	.253
POA TO CENTROID in.	:	.234	.218	.253
MIN RADIUS	:	.138	.228	.116
MEAN RADIUS	:	.759	.683	.611
MAX RADIUS	:	1.411	1.130	.911
HORIZONTAL SPREAD	:	2.464	1.821	1.385
VERTICAL SPREAD	:	1.535	1.535	1.397
EXTREME SPREAD	:	2.685	1.974	1.540
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

5 May 1989

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CENTERFIRE PATTERNS

3



OF SHOTS - 10

IN CIR

1in - 4

2in - 7

3in = 10

CENTROID #

HS= 1.765

VS= 2.660

GS= 2.687

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.739	.739	.691
MINIMUM X	:	-1.026	-1.026	-1.074
MAXIMUM Y	:	1.248	1.091	.543
MINIMUM Y	:	-1.412	-.598	-.462
CENTROID X	:	-.620	-.620	-.572
CENTROID Y	:	.173	.330	.194
POA TO CENTROID in.	:	.644	.702	.604
MIN RADIUS	:	.136	.188	.085
MEAN RADIUS	:	.752	.696	.587
MAX RADIUS	:	1.412	1.157	1.204
HORIZONTAL SPREAD	:	1.765	1.765	1.765
VERTICAL SPREAD	:	2.660	1.689	1.005
EXTREME SPREAD	:	2.687	2.012	2.012
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

5 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225238

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS - 10

IN CIR

1in = 3

2in = 6

3in = 7

HS = 2.276

VS = 3.628

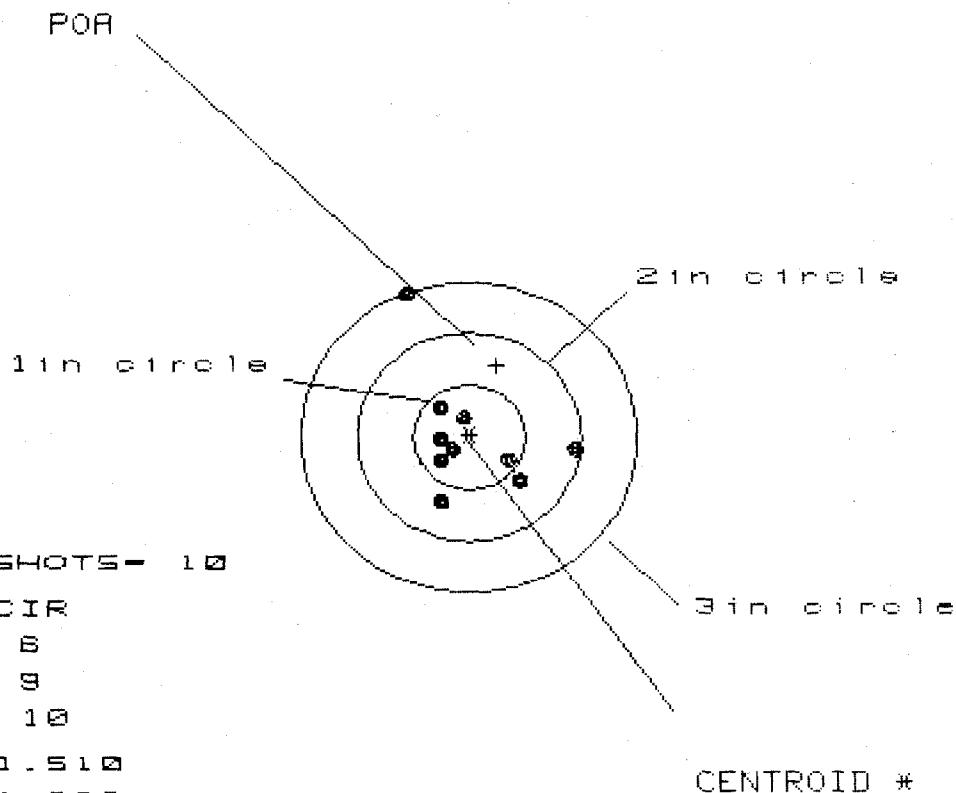
GS = 3.628

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.978	.961	.582
MINIMUM X	:	-1.298	-1.315	-1.195
MAXIMUM Y	:	1.570	1.341	1.127
MINIMUM Y	:	-2.058	-1.716	-.935
CENTROID X	:	.575	.592	.472
CENTROID Y	:	-.249	-.020	.194
POA TO CENTROID in.	:	.627	.592	.510
MIN RADIUS	:	.091	.275	.195
MEAN RADIUS	:	.988	.810	.642
MAX RADIUS	:	2.064	1.967	1.517
HORIZONTAL SPREAD	:	2.276	2.276	1.777
VERTICAL SPREAD	:	3.628	3.057	2.062
EXTREME SPREAD	:	3.628	3.261	2.357
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		7	

5 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225238

CENTERFIRE PATTERN # 5



OF SHOTS- 10

IN CIR

1in = 6

2in = 9

3in = 10

HS= 1.510

VS= 1.999

GS= 2.111

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.980	.921	.490
MINIMUM X	-.530	-.350	-.235
MAXIMUM Y	1.369	.420	.426
MINIMUM Y	-.630	-.478	-.472
CENTROID X	-.248	-.189	-.304
CENTROID Y	-.686	-.838	-.844
POA TO CENTROID in.	.730	.859	.897
MIN RADIUS	.172	.206	.094
MEAN RADIUS	.551	.441	.349
MAX RADIUS	1.468	.922	.556
HORIZONTAL SPREAD	1.510	1.271	.725
VERTICAL SPREAD	1.999	.898	.898
EXTREME SPREAD	2.111	1.317	.994
NUMBER IN ONE INCH CIRCLE =		6	
NUMBER IN TWO INCH CIRCLE =		9	
NUMBER IN THREE INCH CIRCLE =		10	

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