

C6348716

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*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: RE00156481

Serial: C6348716 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 12/13/1989

Repairman:

Verify Repair

Status:

Closed 12/6/2008 7:41:23 AM

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

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 SYS	1
A017	Scope Base	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

naglet

12/8/2008

12:27 PM

DAPS

NUM

INS

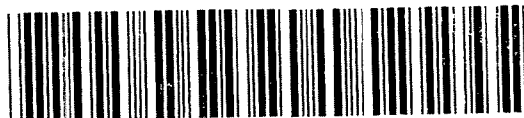
SCRL



Grim Scope Case
mini ARD

Serial Number: **C6348716**

Model: **M24 SWS**



RE00156481

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

R & B NUMBER

156481

SERIAL NUMBER

C6348716

LOG-IN DATE

12-6-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	12-9-08	RTZ
505	RE-BARREL	12-9-08	RTZ
560	ASSEMBLE	12-9-08	RTZ
600	PROOF	12-15-08	RPD
605	CHECK HEADSPACE	12-15-08	RPD
610	DIS-ASSEMBLE GUN	12-15-08	RPD
612	MAGNAFLUX	12/20/08	RPD
510	DRILL AND TAP	12-16-08	ST
615	ROLLMARK CALIBER	12/20/08	RT
618	ROTO-BLAST	1/5	RT
620	APPLY COATINGS	1/7	RT
625	FINAL ASSEMBLY	1-8-09	RTZ
640	FUNCTION TEST AND	1-8-09	RP
650	TARGET	1-8-09	RP
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	1-8-09	RPD
	A) HEADSPACE	1-12-09	RP
	B) TRIGGER PULL	2.34 2.34 2.36 2.41 2.44	1-12-09 TC
680	F) SAFETY ON FORCE	4.0 4.0 3.0	1-12-09 RP
	G) SAFETY OFF FORCE	5.0 5.0 5.0	1-12-09 RP
	I) FIRING PIN INDENT	.002 .002 .002	1-12-09 RP
690	PACK		1/12/09 FM

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348716.___0

FILE DATE AND TIME: 01/09/2009 06:27

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.082
The Average Y Centroid of the Five Target Set:	-0.069
The Average Point of Impact of the Five Target Set:	0.107
The Average Mean Radius of the Five Target Set:	0.639
The Distance from POA to Centroid Target #1:	0.172
The Distance from Centroid Target #2 to Centroid Target #1:	0.280
The Distance from Centroid Target #3 to Centroid Target #1:	0.260
The Distance from Centroid Target #4 to Centroid Target #1:	0.367
The Distance from Centroid Target #5 to Centroid Target #1:	0.199

SERIAL NUMBER: C6348716. 0

TARGET NUMBER: 1

FILE DATE: 01/09/2009

FILE TIME: 06:27

POINT#	X	Y
1:	-0.134	-0.854
2:	-0.699	-0.813
3:	-0.471	-0.218
4:	-0.082	-0.361
5:	0.433	-0.375
6:	0.474	-0.175
7:	0.518	0.022
8:	1.230	0.411
9:	0.064	0.530
10:	-0.287	0.465

X CENTROID: 0.105

Y CENTROID: -0.137

POA TO CENTROID: 0.172

HORZ SPREAD: 1.929

VERT SPREAD: 1.384

GROUP SPREAD: 2.285

MIN RADIUS: 0.292

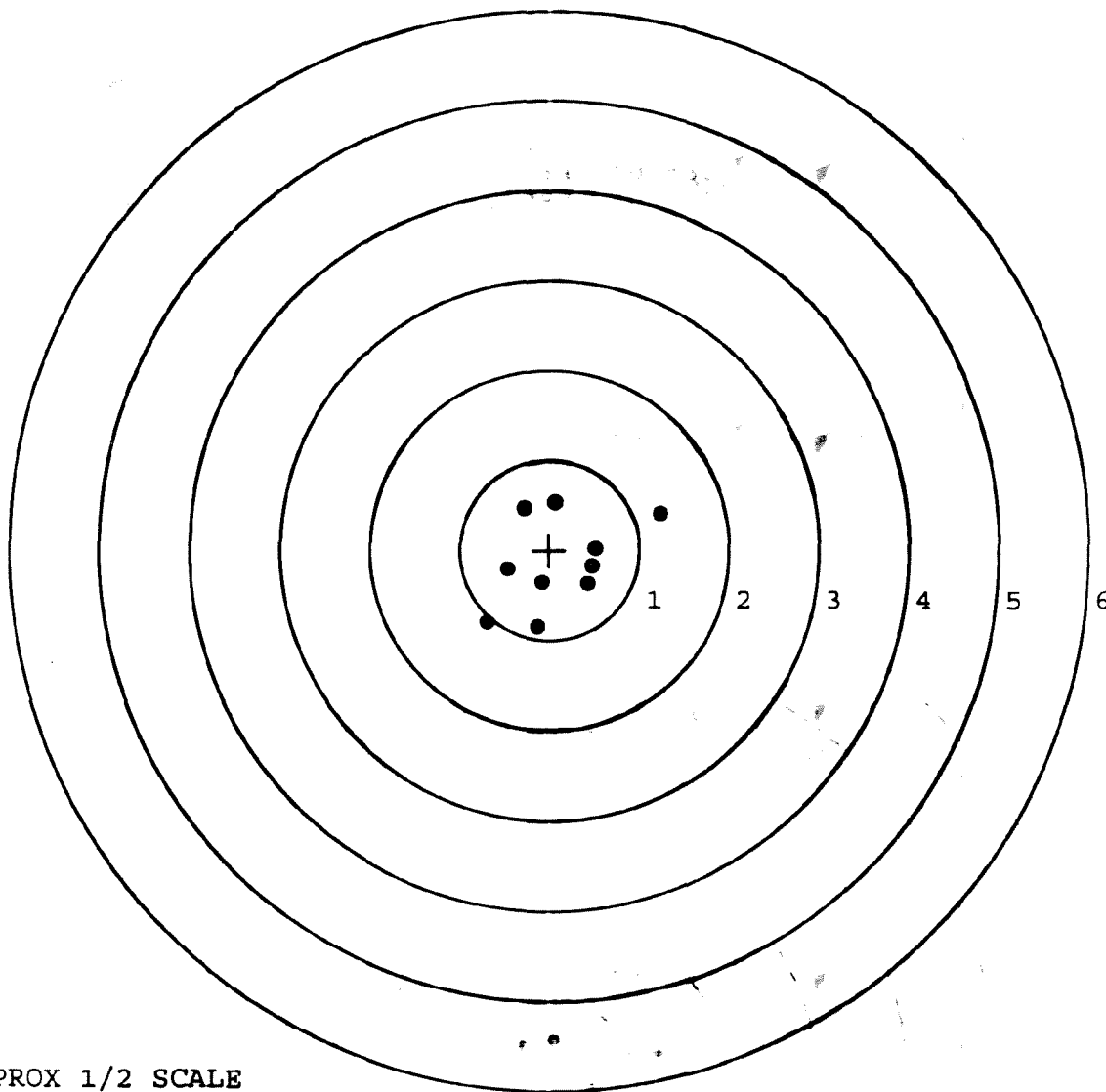
MAX RADIUS: 1.252

MEAN RADIUS: 0.654

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

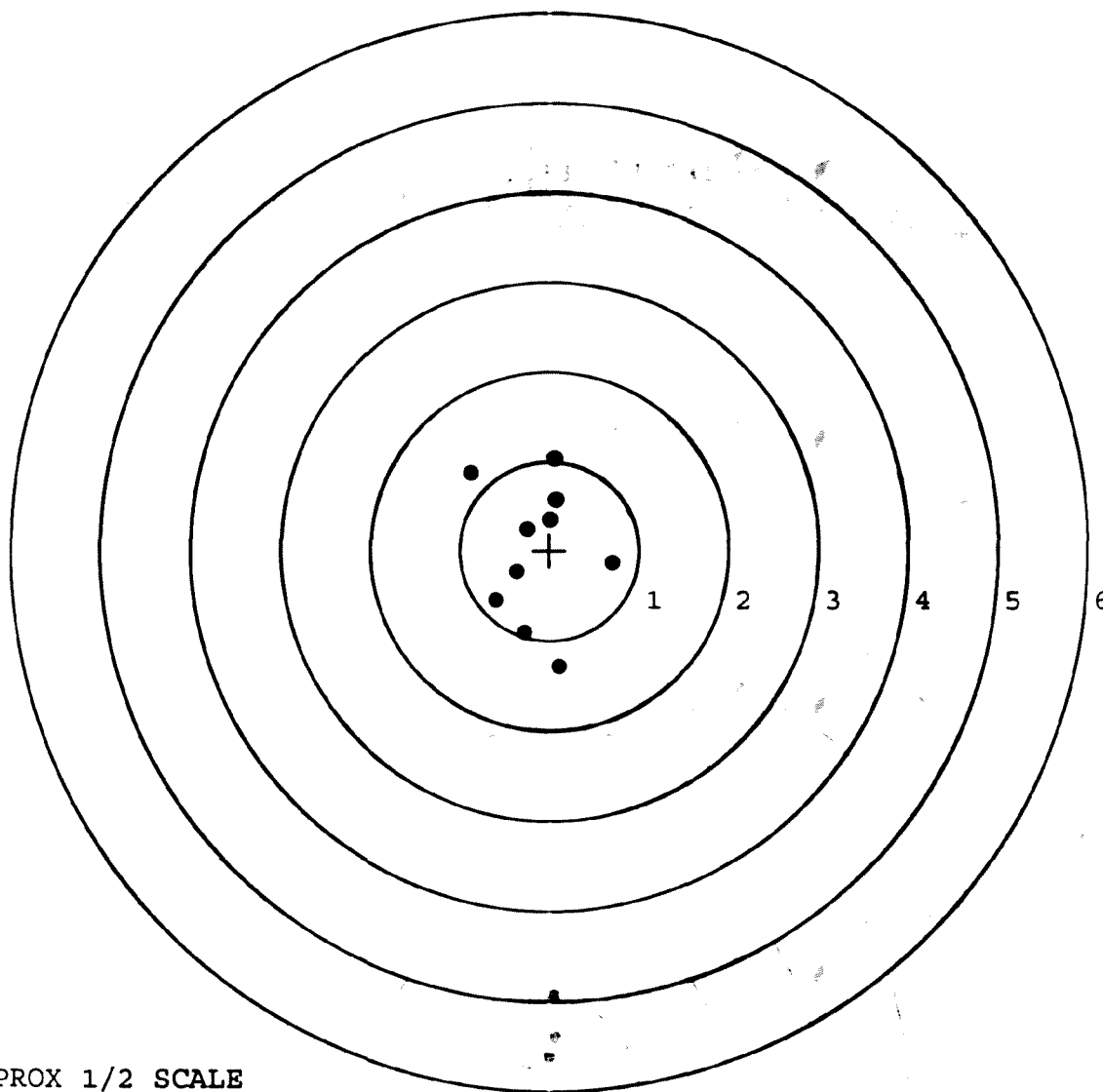


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348716. __0
TARGET NUMBER: 2
FILE DATE: 01/09/2009
FILE TIME: 06:27

POINT#	X	Y
1:	0.108	-1.297
2:	-0.282	-0.917
3:	-0.602	-0.557
4:	-0.367	-0.245
5:	0.703	-0.146
6:	-0.256	0.238
7:	-0.002	0.345
8:	0.067	0.564
9:	0.063	1.031
10:	-0.886	0.871

X CENTROID: -0.145
Y CENTROID: -0.011
POA TO CENTROID: 0.146
HORZ SPREAD: 1.589
VERT SPREAD: 2.328
GROUP SPREAD: 2.385
MIN RADIUS: 0.273
MAX RADIUS: 1.310
MEAN RADIUS: 0.760
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

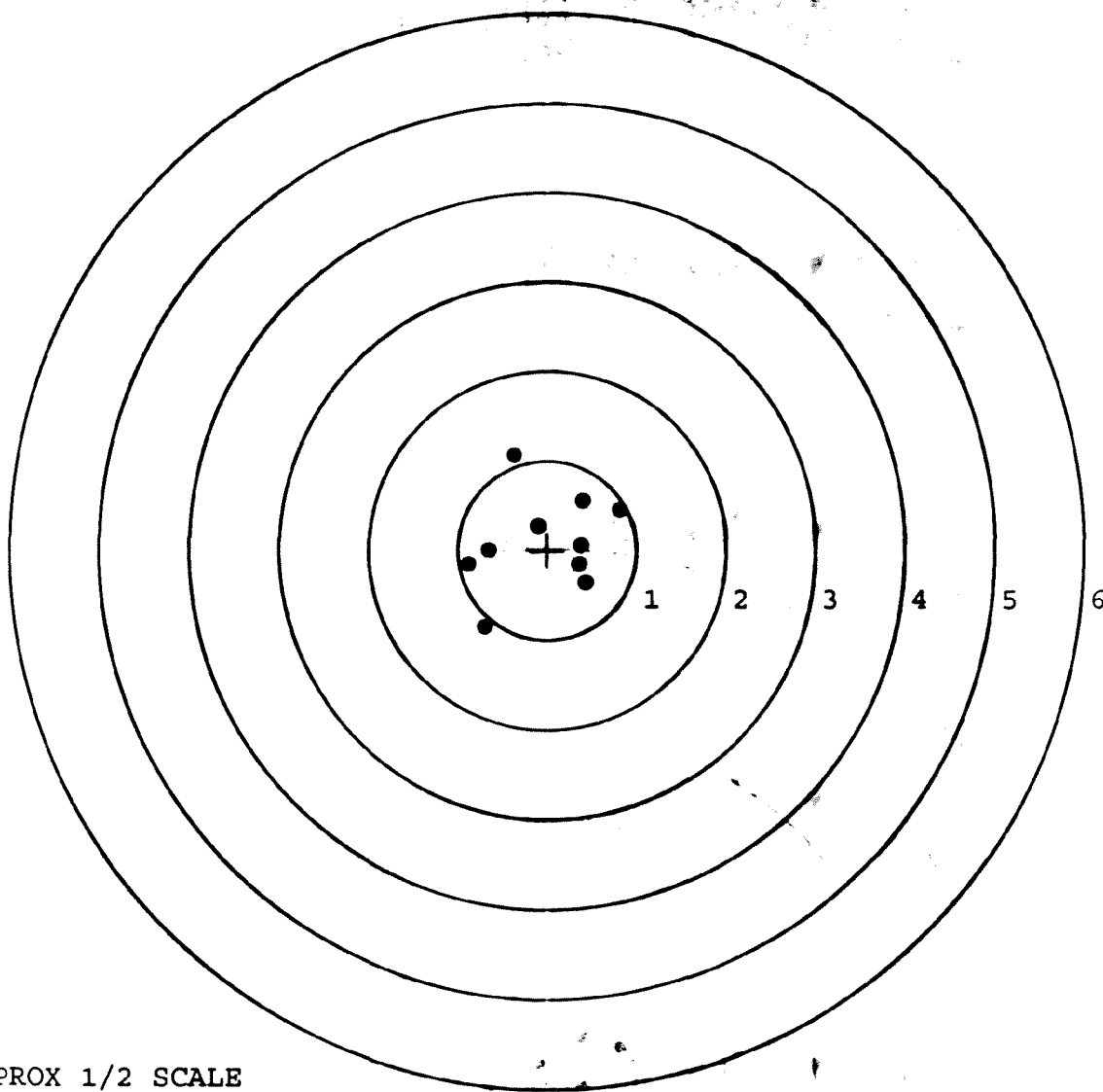


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348716. 0
 TARGET NUMBER: 3
 FILE DATE: 01/09/2009
 FILE TIME: 06:27

POINT#	X	Y
1:	-0.702	-0.863
2:	-0.881	-0.161
3:	-0.654	0.004
4:	-0.378	1.066
5:	-0.109	0.269
6:	0.396	0.553
7:	0.814	0.450
8:	0.385	0.060
9:	0.365	-0.164
10:	0.435	-0.370

X CENTROID: -0.033
 Y CENTROID: 0.084
 POA TO CENTROID: 0.091
 HORZ SPREAD: 1.695
 VERT SPREAD: 1.929
 GROUP SPREAD: 2.006
 MIN RADIUS: 0.200
 MAX RADIUS: 1.160
 MEAN RADIUS: 0.701
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348716. 0

TARGET NUMBER: 4

FILE DATE: 01/09/2009

FILE TIME: 06:27

POINT#	X	Y
1:	-0.355	0.627
2:	-0.568	0.496
3:	-1.048	0.220
4:	-0.755	0.155
5:	-0.349	-0.050
6:	0.202	0.461
7:	0.325	-0.463
8:	0.111	-0.612
9:	-0.107	-0.569
10:	-0.007	-0.917

X CENTROID: -0.255

Y CENTROID: -0.065

POA TO CENTROID: 0.263

HORZ SPREAD: 1.373

VERT SPREAD: 1.544

GROUP SPREAD: 1.583

MIN RADIUS: 0.095

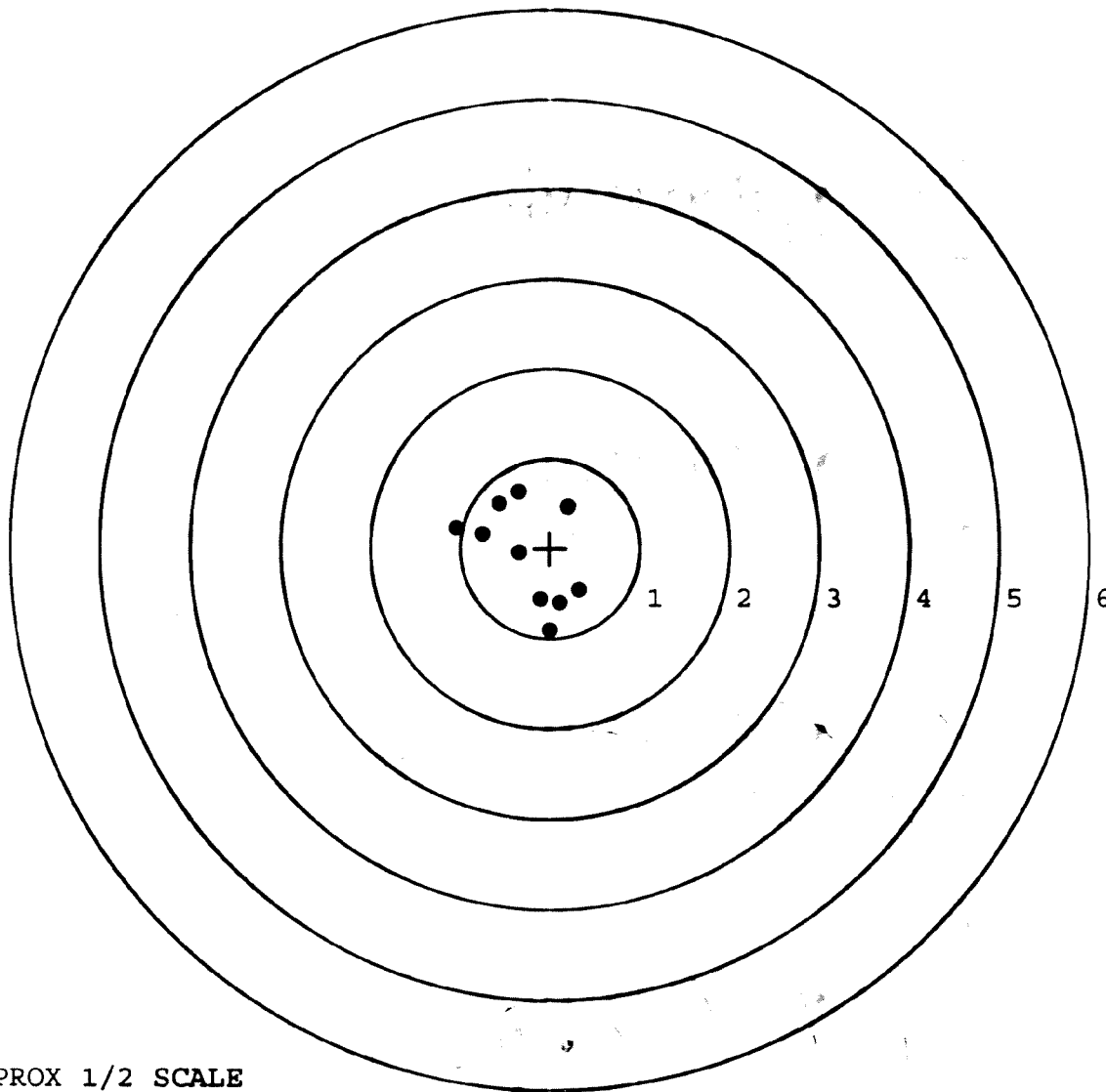
MAX RADIUS: 0.887

MEAN RADIUS: 0.630

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348716. 0

TARGET NUMBER: 5

FILE DATE: 01/09/2009

FILE TIME: 06:27

POINT#	X	Y
1:	0.494	-0.467
2:	0.343	-0.571
3:	0.203	-0.669
4:	-0.263	-0.611
5:	-0.330	-0.422
6:	-0.093	-0.255
7:	-0.228	-0.121
8:	-0.400	0.112
9:	-0.244	0.222
10:	-0.273	0.641

X CENTROID: -0.079

Y CENTROID: -0.214

POA TO CENTROID: 0.228

HORZ SPREAD: 0.894

VERT SPREAD: 1.310

GROUP SPREAD: 1.394

MIN RADIUS: 0.043

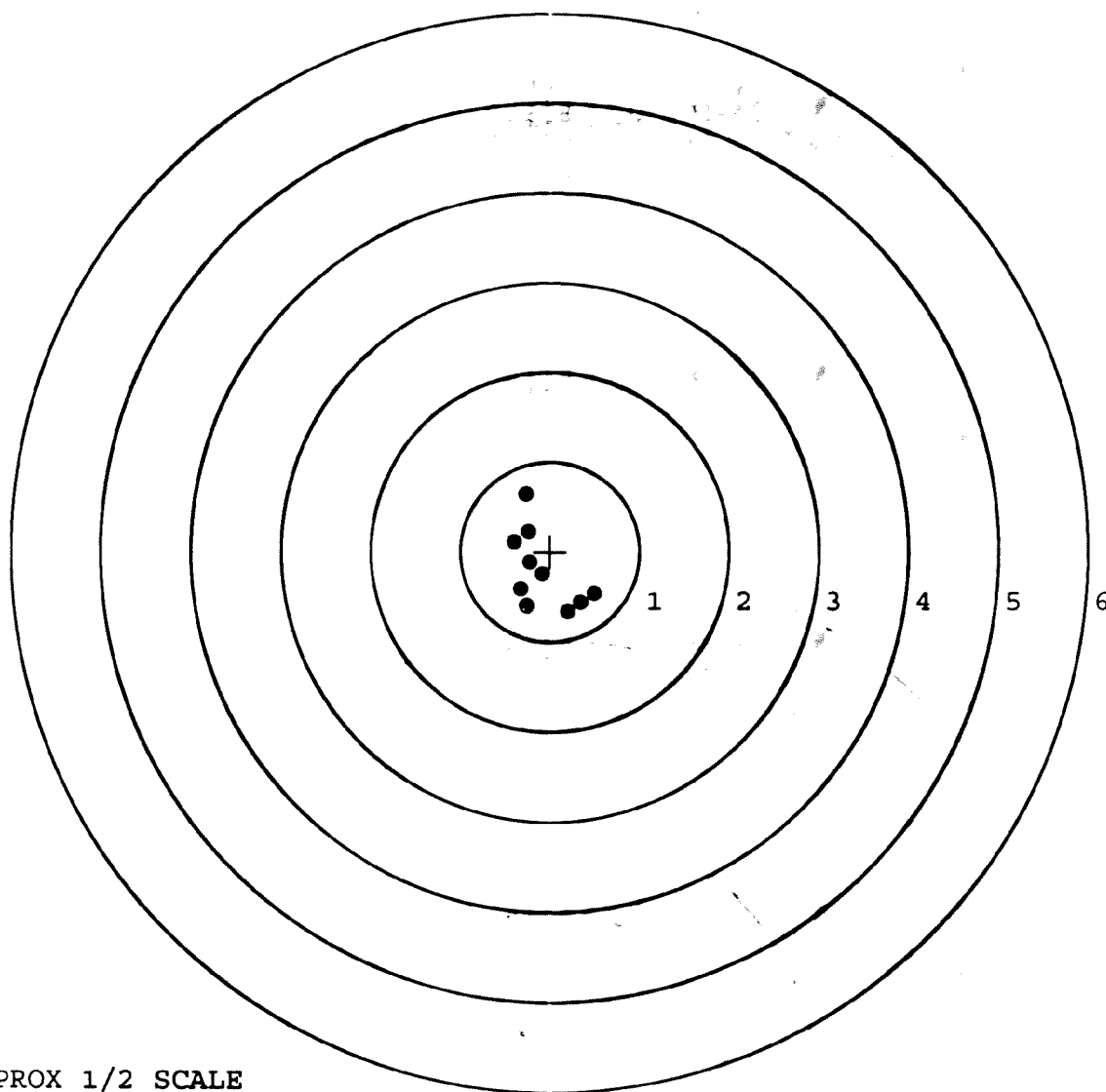
MAX RADIUS: 0.877

MEAN RADIUS: 0.450

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

Repair Inquiry

Repair Number: RE00092208

Serial: C6348716 Model: M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 12/13/1988

Repairman:

Status:

Closed 2/17/2005 7:08:19 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
A017	Scope Base	1
A026	Scope	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

haglej

2/7/2005

11:08 AM

CAPS

NUM

INS

SCRL

start

3

Arms Services

3

M

Serial Number:

C6348716

Model: M24 SWS



RE00092208

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348716.___0
FILE DATE AND TIME: 08/15/2005 10:44

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.104
The Average Y Centroid of the Five Target Set:	0.281
The Average Point of Impact of the Five Target Set:	0.300
The Average Mean Radius of the Five Target Set:	0.906
The Distance from POA to Centroid Target #1:	0.407
The Distance from Centroid Target #2 to Centroid Target #1:	0.081
The Distance from Centroid Target #3 to Centroid Target #1:	0.492
The Distance from Centroid Target #4 to Centroid Target #1:	0.388
The Distance from Centroid Target #5 to Centroid Target #1:	0.068

BARBER - M24 0062193

SERIAL NUMBER: C6348716. __0

TARGET NUMBER: 1

FILE DATE: 08/15/2005

FILE TIME: 10:44

POINT#	X	Y
1:	1.426	-0.086
2:	0.554	-0.605
3:	-0.243	-0.605
4:	0.225	0.211
5:	0.723	0.981
6:	-0.066	0.144
7:	-0.344	0.806
8:	-1.355	0.143
9:	-0.467	1.361
10:	-0.139	1.706

X CENTROID: 0.031

Y CENTROID: 0.406

POA TO CENTROID: 0.407

HORZ SPREAD: 2.781

VERT SPREAD: 2.311

GROUP SPREAD: 2.790

MIN RADIUS: 0.274

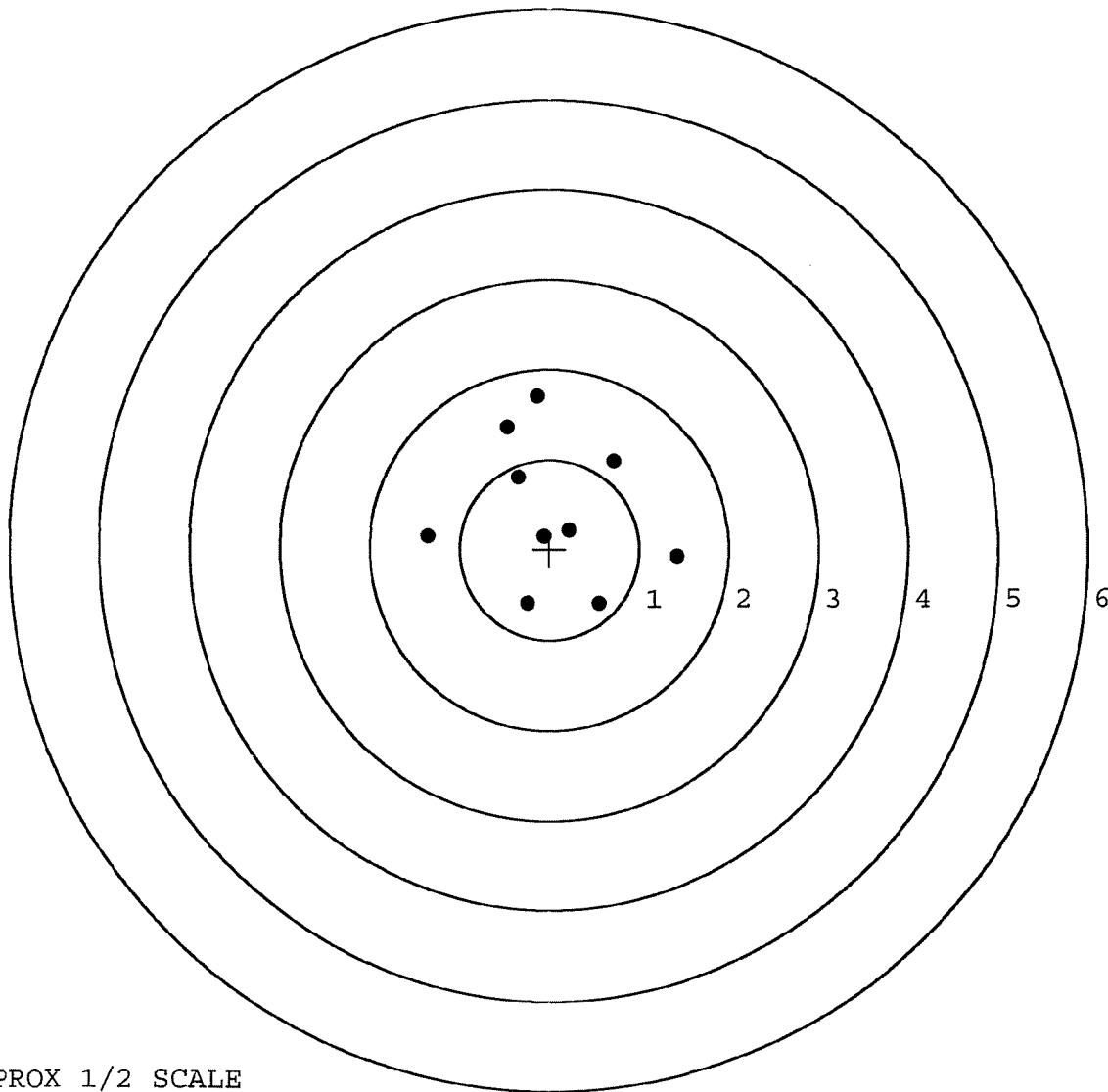
MAX RADIUS: 1.479

MEAN RADIUS: 0.947

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348716. __0

TARGET NUMBER: 2

FILE DATE: 08/15/2005

FILE TIME: 10:44

POINT#	X	Y
1:	0.690	-0.236
2:	0.261	-0.071
3:	-0.531	0.305
4:	-0.286	0.200
5:	-0.360	-0.077
6:	-0.783	-0.220
7:	-0.816	1.012
8:	1.115	0.564
9:	1.612	1.218
10:	-0.115	2.018

X CENTROID: 0.079

Y CENTROID: 0.471

POA TO CENTROID: 0.478

HORZ SPREAD: 2.428

VERT SPREAD: 2.254

GROUP SPREAD: 2.794

MIN RADIUS: 0.455

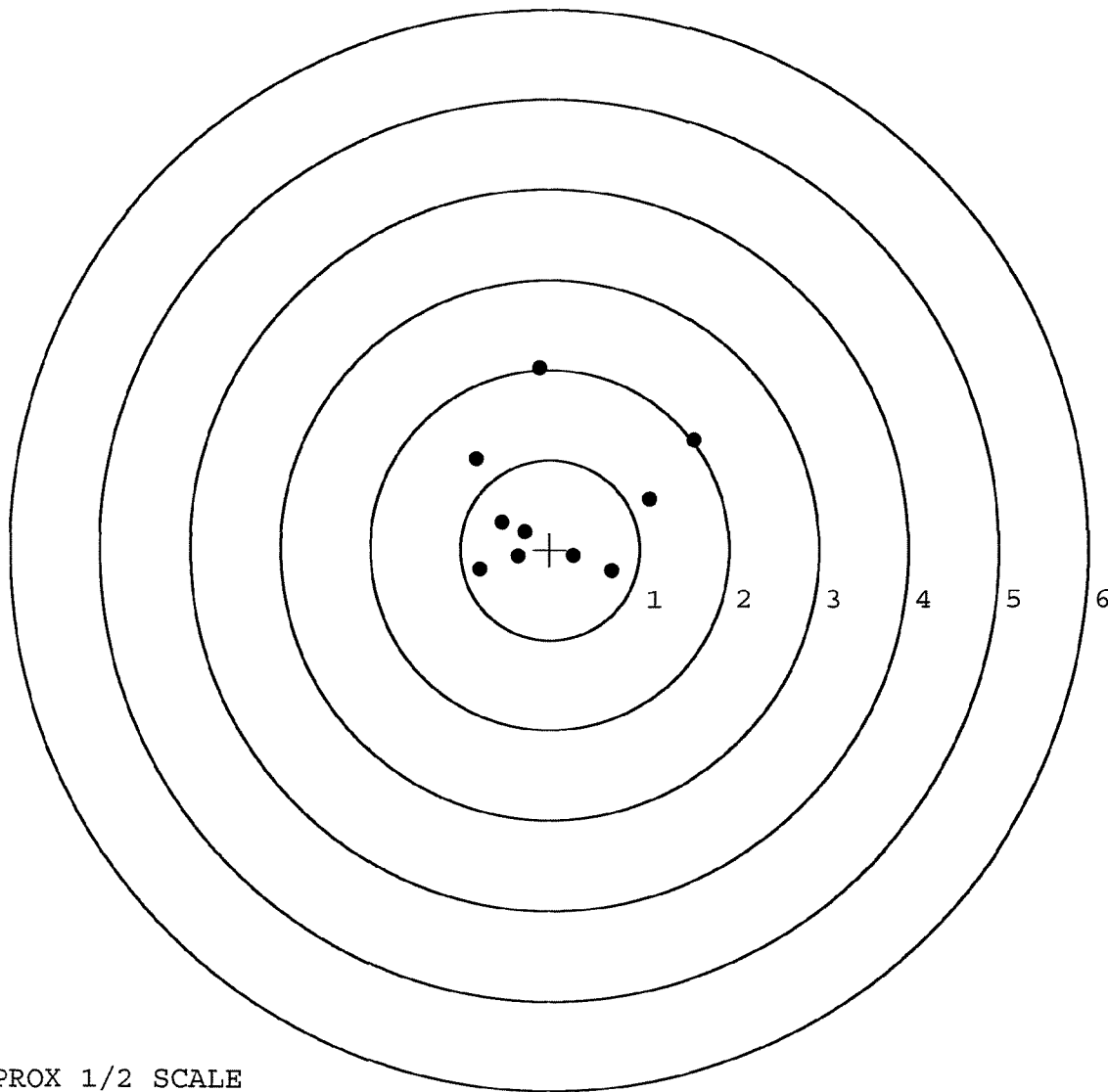
MAX RADIUS: 1.705

MEAN RADIUS: 0.975

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

BARBER - M24 0062195

SERIAL NUMBER: C6348716. __0

TARGET NUMBER: 3

FILE DATE: 08/15/2005

FILE TIME: 10:44

POINT#	X	Y
1:	0.656	-0.492
2:	0.018	-1.418
3:	0.596	0.344
4:	0.290	-0.233
5:	-0.175	-0.519
6:	-0.025	-0.181
7:	-0.305	-0.040
8:	0.013	0.438
9:	-0.081	0.719
10:	-0.401	0.527

X CENTROID: 0.059

Y CENTROID: -0.085

POA TO CENTROID: 0.104

HORZ SPREAD: 1.057

VERT SPREAD: 2.137

GROUP SPREAD: 2.139

MIN RADIUS: 0.127

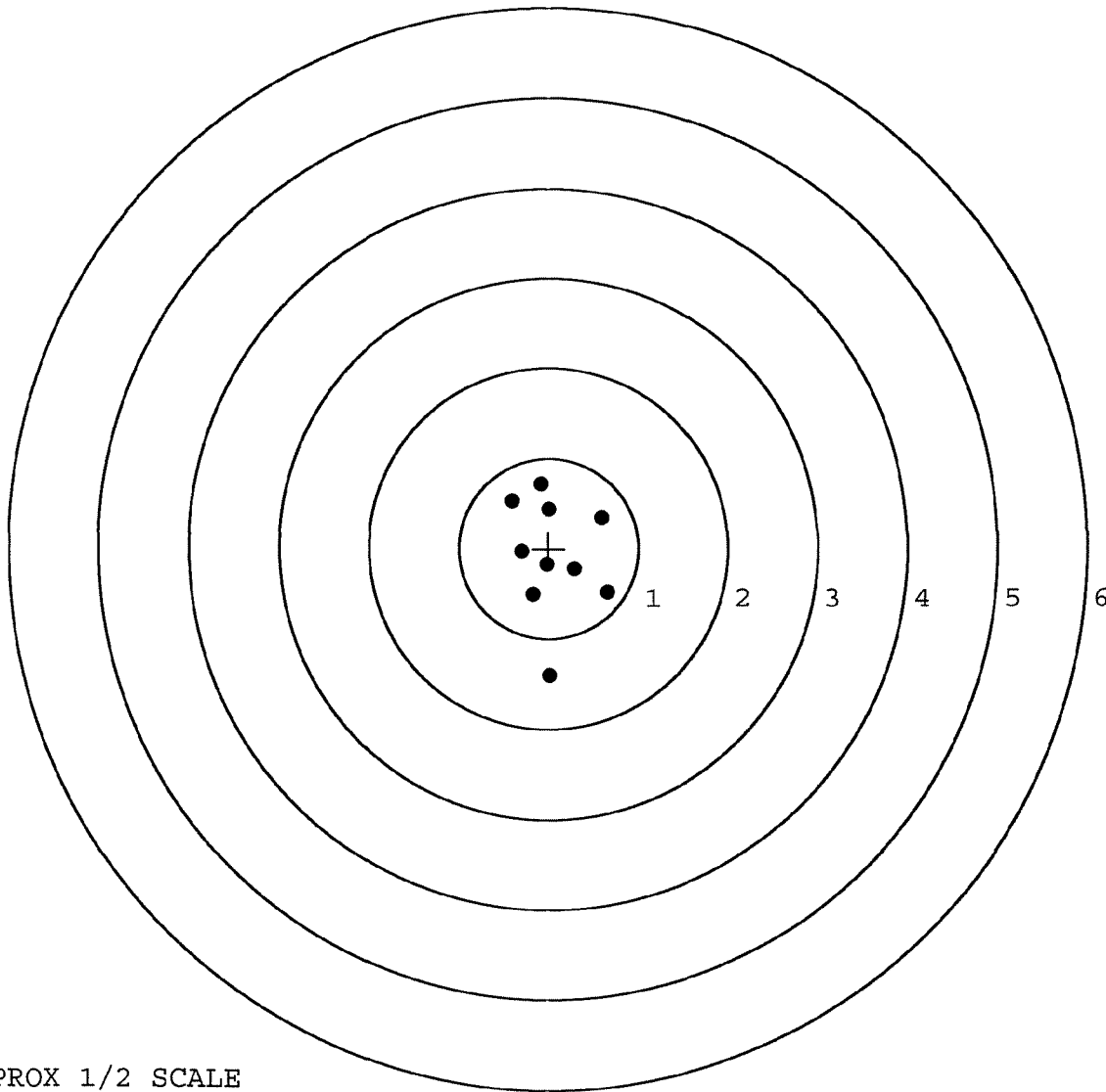
MAX RADIUS: 1.333

MEAN RADIUS: 0.611

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348716. __0

TARGET NUMBER: 4

FILE DATE: 08/15/2005

FILE TIME: 10:44

POINT#	X	Y
1:	2.042	-0.560
2:	1.025	-0.077
3:	0.406	0.192
4:	0.191	-0.671
5:	-0.126	-1.050
6:	-0.162	0.451
7:	-0.357	0.401
8:	-0.756	0.018
9:	0.304	1.330
10:	1.249	2.342

X CENTROID: 0.382

Y CENTROID: 0.238

POA TO CENTROID: 0.450

HORZ SPREAD: 2.798

VERT SPREAD: 3.392

GROUP SPREAD: 3.660

MIN RADIUS: 0.052

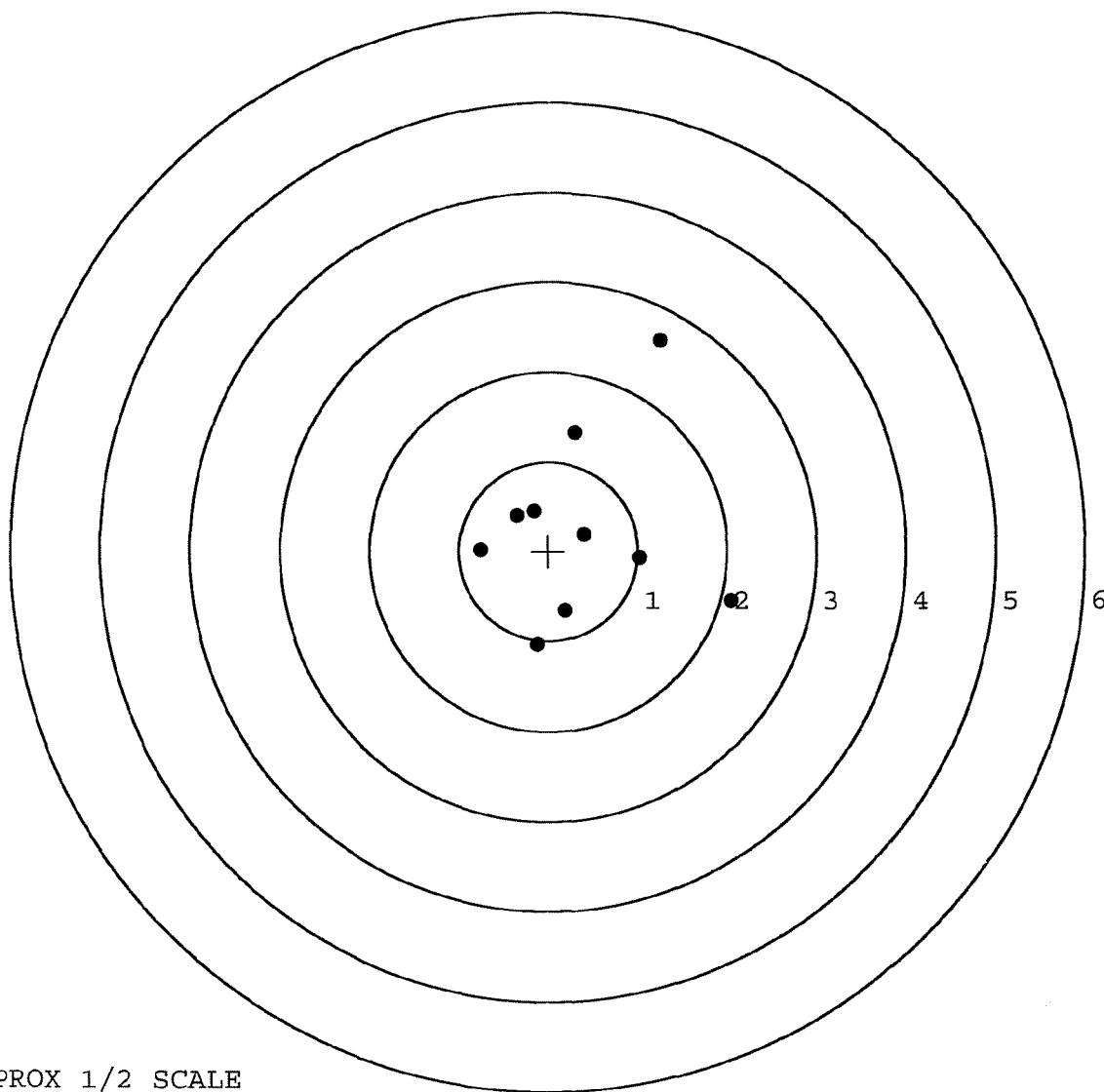
MAX RADIUS: 2.276

MEAN RADIUS: 1.079

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

BARBER - M24 0062197

SERIAL NUMBER: C6348716. __0

TARGET NUMBER: 5

FILE DATE: 08/15/2005

FILE TIME: 10:44

POINT#	X	Y
1:	1.176	0.366
2:	0.396	0.444
3:	0.501	-0.201
4:	-0.321	-0.430
5:	-0.629	-0.334
6:	-0.157	1.187
7:	-0.444	1.042
8:	-1.018	0.412
9:	0.666	1.695
10:	-0.476	-0.400

X CENTROID: -0.031

Y CENTROID: 0.378

POA TO CENTROID: 0.379

HORZ SPREAD: 2.194

VERT SPREAD: 2.125

GROUP SPREAD: 2.407

MIN RADIUS: 0.432

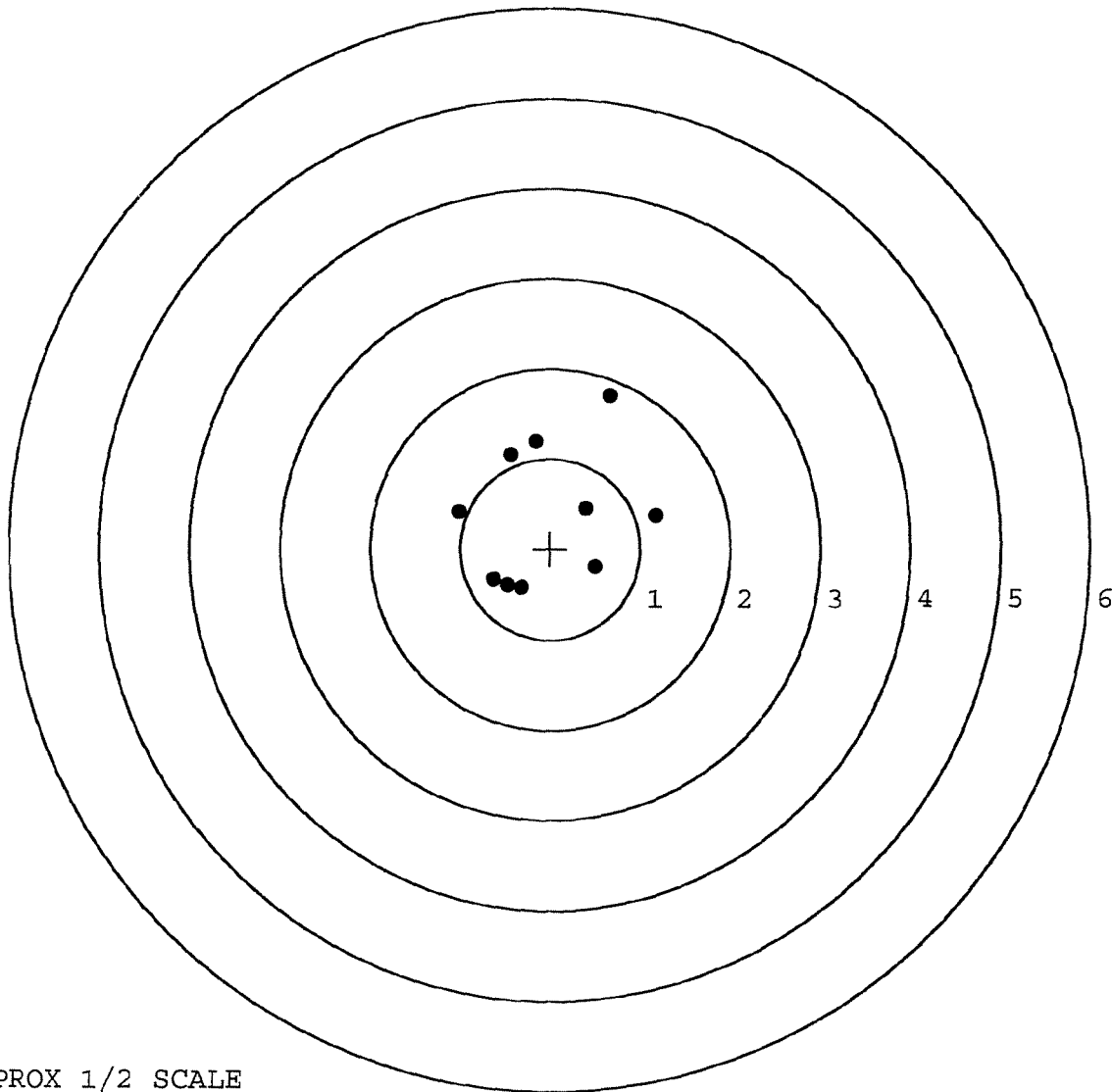
MAX RADIUS: 1.490

MEAN RADIUS: 0.919

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R. & E NUMBER	92208		
SERIAL NUMBER	C63E8716		
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	TRL
575	ASSEMBLE	6-20-05	RTL
600	PROOF	6-22-05	AC
605	CHECK HEADSPACE	6-22-05	AC
610	DIS-ASSEMBLE GUN	6-22-05	RTL
612	MAGNAFLUX	6/23/05	unl
615	ROLLMARK CALIBER	6-23-05	CW
618	ROTO-BLAST	7/7/05	JS
620	APPLY COATINGS	7-18-05	WJ
625 A	FINAL ASSEMBLY	8-5-05	RTL
B	TRIGGER PULL TEST	8-16-05	AC
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	8-15-05	TRL
655	FINAL INSPECT	8-16-05	AC
660	PACK	9-19-05	RA
		SHIP DATE	
QAR INSPECTION DATE			

INITIAL & CYCLE TESTS

2.50 LBS (plus or minus 0.50 LBS)

DATE 6-14-05

3.00 LBS (plus or minus 0.75 LBS)

TESTER TRW

4.00 LBS (plus or minus 1.00 LBS)

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.36	2.32		2.26	
PULL #2	2.24	2.33		2.23	
PULL #3	2.26	2.36		2.18	
PULL #4	2.26	2.33		2.13	
PULL #5	2.23	2.39		2.07	
TOTAL	11.35	11.73		10.87	
AVERAGE	2.27	2.34		2.17	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.28	3.15		
PULL #2	3.30	3.12		
PULL #3	3.05	2.98		
PULL #4	3.26	3.23		
PULL #5	3.22	3.22		
TOTAL	16.11	15.70		
AVERAGE	3.22	3.14		

	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	4.59	4.21		4.48
PULL #2	4.48	4.55		4.55
PULL #3	4.26	4.32		4.49
PULL #4	4.58	4.00		4.52
PULL #5	4.17	4.46		4.56
TOTAL	22.08	21.54		22.60
AVERAGE	4.41	4.30		4.52

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348716

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		11/6/89	928

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	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	.021	.021	.0215			16 Nov 89	JS
	J) Assemble Stock						11-28-89	JS
	K) Assemble Swivel Studs						5 Dec 89	JS
	L) Attach Front and Rear Sight Assemblies						11-28-89	JS
	M) Iron Sight Alignment						11-28-89	JS
	N) Detach Front & Rear Sights & place in numbered container						11-28-89	JS
	O) Attach Scope to Rifle						29 Nov 89	JS
	P) Detach & Attach Scope 20 Times						29 Nov 89	JS
640	Gallery Target & Test						12-4-89	JS
	A) Time						12-4-89	JS
	B) Malfunctions						12-4-89	JS
	C) Pierced Primers						12-4-89	JS
	D) Optical Clarity of Scope						12-4-89	JS
645	Inspect for Live Ammo						12-4-89	JS
655	Final Inspection							
	A) Headspace						5 Dec 89	JS
	B) Trigger Pull	236	260	255	249	260	5 Dec 89	JS
	C) Function						5 Dec 89	JS
660	Pack						18 Dec 89	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C634 8716

DATE 3-12-90

TESTER JY

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.40	2.36	2.17		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.12	2.37	2.39		
PULL #3	2.20	2.50	2.23		
PULL #4	2.40	2.49	2.25		
PULL #5	2.40	2.56	2.26		
TOTAL	11.52	12.28	11.30		
AVG.	2.304	2.456	2.26		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.50	3.49		
PULL #2	3.41	3.30		
PULL #3	3.42	3.44		
PULL #4	3.39	3.37		
PULL #5	3.38	3.33		
TOTAL	17.10	16.93		
AVG.	3.42	3.386		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.26	4.36		
PULL #2	4.15	4.27		
PULL #3	4.75	4.44		
PULL #4	4.37	4.41		
PULL #5	4.41	4.35		
TOTAL	21.34	21.83		
AVG.	4.268	4.366		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06348716
4 Dec 1989

CENTROIDAL DISTANCES

0 TO	1	.183663
1 TO	2	.392001
1 TO	3	.530763
1 TO	4	.105119
1 TO	5	.326928

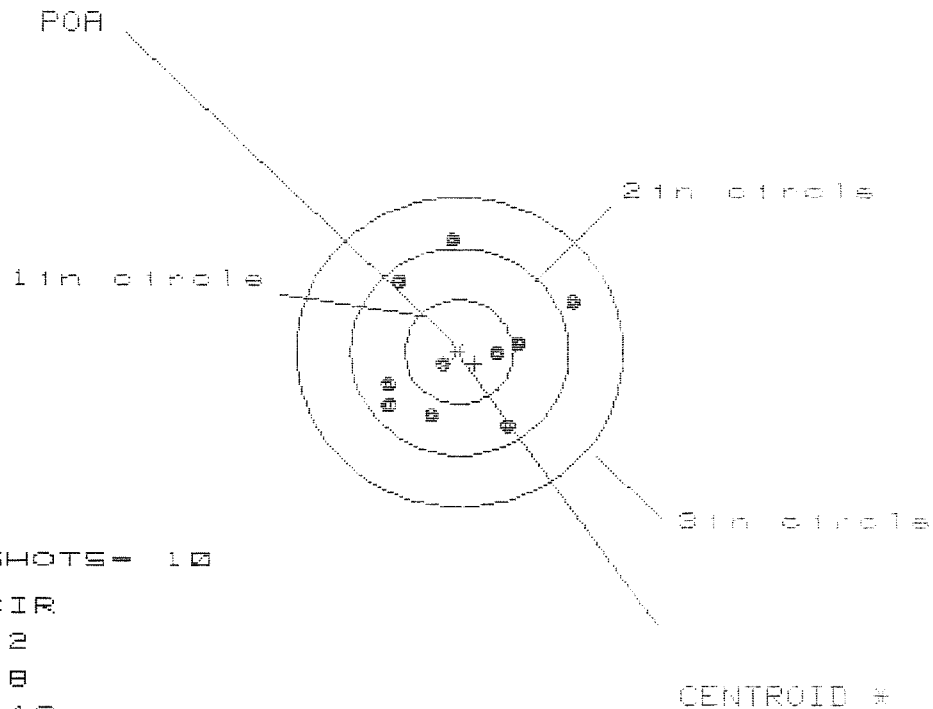
3 4² 5 ---- FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1342
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .083
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .157798
THE AMR FOR THIS RIFLE IS: .7798

4 Dec 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06348716

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 8

3in = 10

HS= 1.751

VS= 1.857

GS= 1.966

CENTROID *

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.071	.650	.654
MINIMUM X	:	-.680	-.561	-.557
MAXIMUM Y	:	1.108	1.159	.876
MINIMUM Y	:	-.749	-.698	-.553
CENTROID X	:	-.144	-.263	-.267
CENTROID Y	:	.114	.063	-.002
POA TO CENTROID in.	:	.184	.270	.280
MIN RADIUS	:	.183	.079	.067
MEAN RADIUS	:	.732	.666	.582
MAX RADIUS	:	1.167	1.160	.991
HORIZONTAL SPREAD	:	1.751	1.211	1.211
VERTICAL SPREAD	:	1.857	1.857	1.429
EXTREME SPREAD	:	1.966	1.935	1.759
NUMBER IN ONE INCH CIRCLE =	:	2		
NUMBER IN TWO INCH CIRCLE =	:	8		
NUMBER IN THREE INCH CIRCLE =	:	10		

4 Dec 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06848718

CENTERFIRE PATTERNS # 2

FOR

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 7

3 in = 9

HS= 2.152

VS= 1.995

GS= 2.483

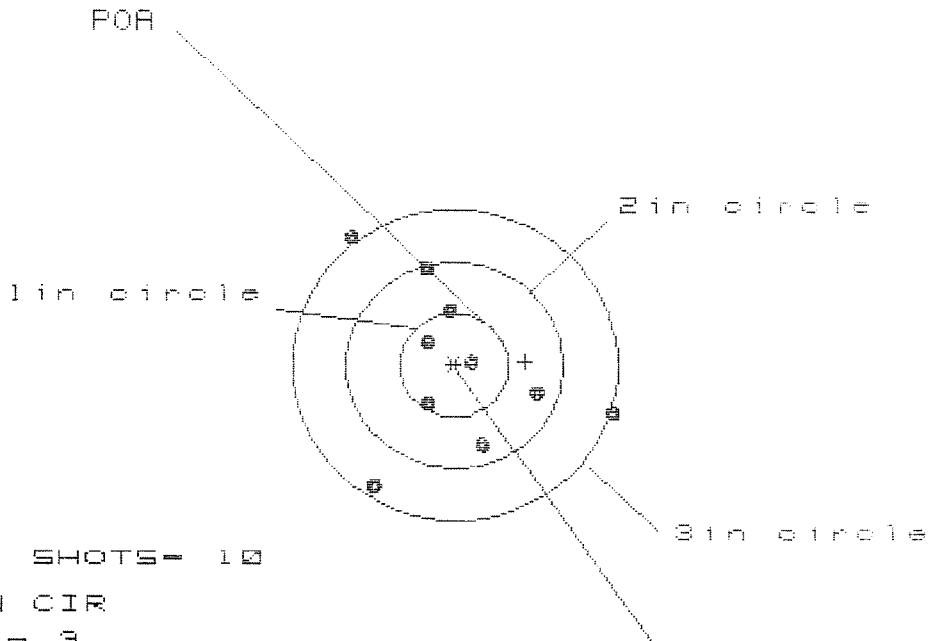
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.423	.957	.945
MINIMUM X	:	-.729	-.571	-.584
MAXIMUM Y	:	.861	.931	.798
MINIMUM Y	:	-1.134	-1.064	-.676
CENTROID X	:	.169	.011	.023
CENTROID Y	:	.350	.280	.413
FOR TO CENTROID in.	:	.388	.280	.414
MIN RADIUS	:	.399	.456	.389
MEAN RADIUS	:	.829	.736	.681
MAX RADIUS	:	1.555	1.069	.945
HORIZONTAL SPREAD	:	2.152	1.528	1.528
VERTICAL SPREAD	:	1.995	1.995	1.474
EXTREME SPREAD	:	2.483	2.012	1.657
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

4 Dec 1985

FILE:/PATTERNING/CENTERFIRE_PATT/06348718

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 6

3 in = 9

HS= 2.313

VS= 2.399

GS= 2.913

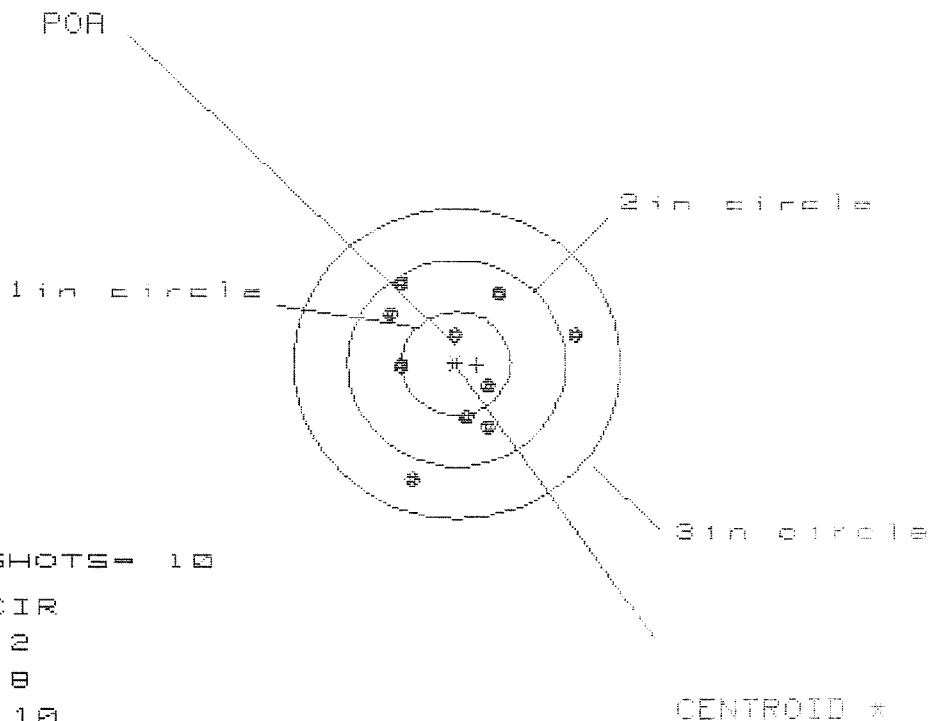
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.405	1.304	.773
MINIMUM X	:	-.908	-.834	-.671
MAXIMUM Y	:	1.280	1.114	1.071
MINIMUM Y	:	-1.119	-.977	-1.020
CENTROID X	:	-.654	-.553	-.716
CENTROID Y	:	-.033	-.175	-.132
POA TO CENTROID in.	:	.655	.580	.728
MIN RADIUS	:	.164	.156	.247
MEAN RADIUS	:	.841	.757	.673
MAX RADIUS	:	1.569	1.350	1.221
HORIZONTAL SPREAD	:	2.313	2.138	1.444
VERTICAL SPREAD	:	2.399	2.091	2.091
EXTREME SPREAD	:	2.913	2.242	2.136
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

4 Dec 1989

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 8

3 in = 10

HS= 1.682

VS= 1.932

GS= 2.032

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.040	1.000	.468
MINIMUM X	:	-.642	-.682	-.557
MAXIMUM Y	:	.780	.652	.676
MINIMUM Y	:	-1.152	-.707	-.683
CENTROID X	:	-.189	-.149	-.274
CENTROID Y	:	.019	.147	.123
POA TO CENTROID in.	:	.190	.209	.300
MIN RADIUS	:	.274	.147	.197
MEAN RADIUS	:	.719	.656	.604
MAX RADIUS	:	1.208	1.017	.800
HORIZONTAL SPREAD	:	1.682	1.682	1.025
VERTICAL SPREAD	:	1.932	1.359	1.359
EXTREME SPREAD	:	2.032	1.688	1.583
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

4 Dec 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8348716

CENTERFIRE PATTERNS

5

POR

1 in circle

2 in circle

3 in circle

OF SHOTS= 10

IN CIR

1 in = 2

2 in = 6

3 in = 10

HS= 1.855

VS= 1.830

GS= 2.304

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.687	.557	.623
MINIMUM X	:	-1.168	-.597	-.531
MAXIMUM Y	:	.840	.888	.773
MINIMUM Y	:	-.991	-.942	-1.057
CENTROID X	:	.147	.277	.211
CENTROID Y	:	-.035	-.084	.031
POR TO CENTROID in.	:	.151	.289	.213
MIN RADIUS	:	.459	.395	.497
MEAN RADIUS	:	.778	.719	.665
MAX RADIUS	:	1.247	1.061	1.127
HORIZONTAL SPREAD	:	1.855	1.154	1.154
VERTICAL SPREAD	:	1.830	1.830	1.830
EXTREME SPREAD	:	2.304	2.092	2.092
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

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