

4-

C6498836

8

MODEL 700™ M24

Model **SMS**™

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: RE00146503

Serial: C6498836 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 6/17/2008 9:51:25 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: DEF DIST DEPOT

DEF DIST DEPOT

Address 1: 7 FRANKFORD AVE BLDG 362

7 FRANKFORD AVE BLDG 362

Address 2: PO Box:

PO Box:

City: ANNISTON

ANNISTON

State: AL

Zip Code: 36201

Country: US

State: AL

Zip Code: 36201

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
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

naglej

6/17/2008

10:48 AM

C4PS

NUM

INS

SCRL

start

10 M

My ...

4 M

Par ...

Ar ...

Cre ...

My ...

10:48 AM

Number: C6498836

Model: M24 SWS



RE00146503

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: W52H09-07-C-0207

ISSUED 10/1/2007

R & E NUMBER

146503

SERIAL NUMBER

06498836

LOG-IN DATE

6-17-08

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		9-8-09	RTZ
505	RE-BARREL		9-11-09	RTZ
420	ASSEMBLE		9-11-09	RTZ
440	PROOF	MAGNA FLUX	9-11-09	SP
460	CHECK HEADSPACE		9-11-09	SP
470	DIS-ASSEMBLE GUN		9-11-09	SP
480	MAGNAFLUX	OPERATOR	9/11/09	SP
510	DRILL AND TAP		9-14-09	SP
500	ROLLMARK CALIBER		9/17/09	SP
520	GOFF BLAST BBL / REC		9/17/09	SP
530 & 540	APPLY COATINGS		9/18	
560	FINAL ASSEMBLY		9-29-09	RTZ
640	FUNCTION TEST AND	PASS FAIL	9-30-09	RP
650	TARGET	PASS FAIL	9-30-09	RP
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	9-30-09	SP
670	FINAL INSPECTION			
	A) HEADSPACE	PASS FAIL	10/1/09	RP
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.58 2.59 2.56 2.52 2.62 10/1/09	TE
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	7.9 7.9 7.9 10/1/09	SP
	G) SAFETY OFF FORCE	2 LBS MIN	8.9 8.9 8.9	
	I) FIRING PIN INDENT	.020	.023 .023 .025	
690	PACK		10/9/09	Em

F006 REV 1/2009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6498836.___0
FILE DATE AND TIME: 10/01/2009 07:21

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.037
The Average Y Centroid of the Five Target Set:	-0.047
The Average Point of Impact of the Five Target Set:	0.060
The Average Mean Radius of the Five Target Set:	0.711
The Distance from POA to Centroid Target #1:	0.142
The Distance from Centroid Target #2 to Centroid Target #1:	0.210
The Distance from Centroid Target #3 to Centroid Target #1:	0.223
The Distance from Centroid Target #4 to Centroid Target #1:	0.378
The Distance from Centroid Target #5 to Centroid Target #1:	0.163

SERIAL NUMBER: C6498836. 0

TARGET NUMBER: 1

FILE DATE: 10/01/2009

FILE TIME: 07:21

X CENTROID: -0.069

Y CENTROID: 0.124

POA TO CENTROID: 0.142

HORZ SPREAD: 1.493

VERT SPREAD: 2.304

GROUP SPREAD: 2.499

MIN RADIUS: 0.235

MAX RADIUS: 1.522

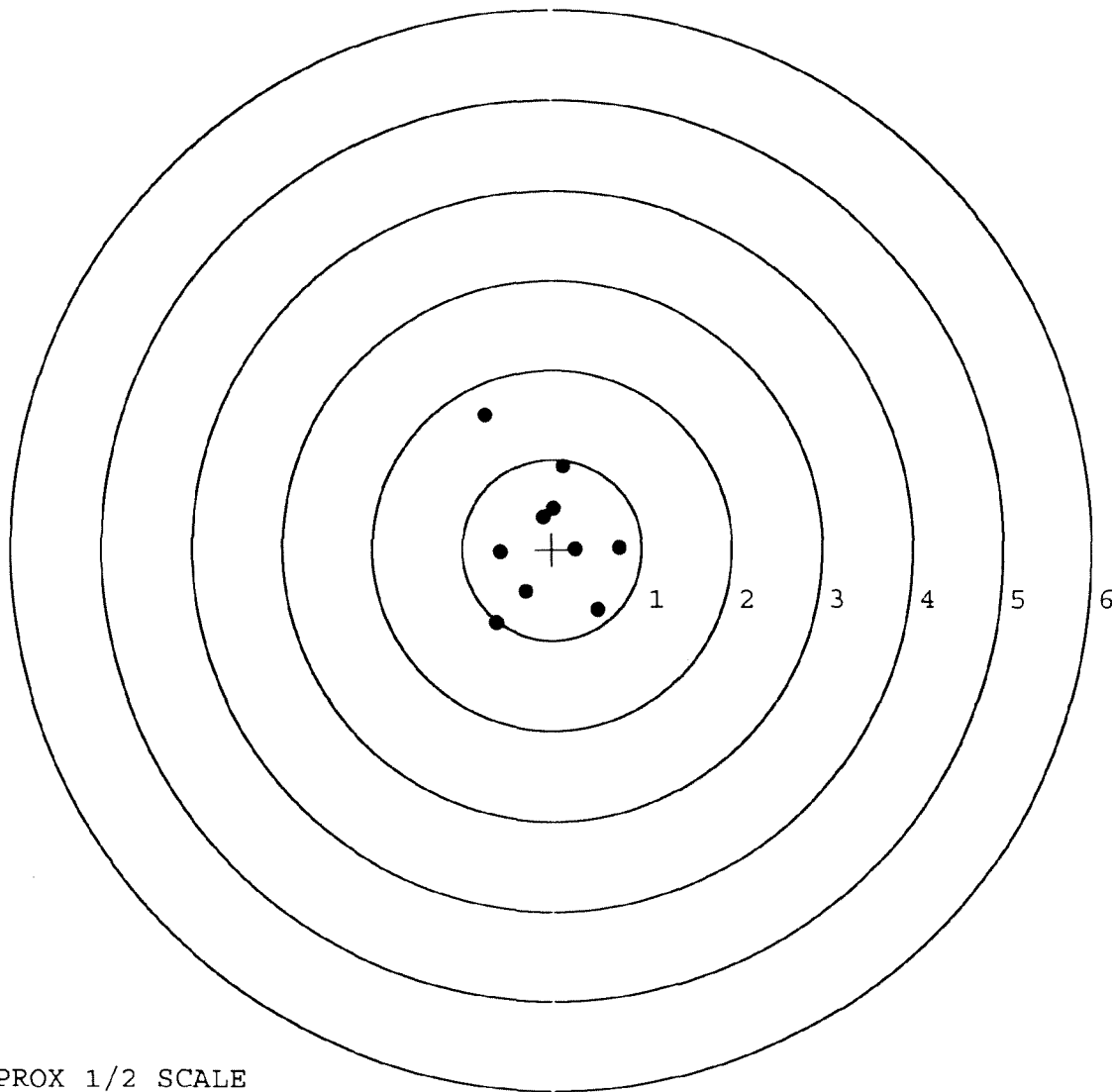
MEAN RADIUS: 0.735

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.745	1.488
2:	-0.580	-0.035
3:	-0.625	-0.816
4:	0.748	0.014
5:	0.512	-0.672
6:	0.121	0.922
7:	-0.106	0.356
8:	-0.294	-0.470
9:	0.265	-0.003
10:	0.017	0.456



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498836. __0

TARGET NUMBER: 2

FILE DATE: 10/01/2009

FILE TIME: 07:21

X CENTROID: -0.156

Y CENTROID: -0.067

POA TO CENTROID: 0.170

HORZ SPREAD: 1.406

VERT SPREAD: 2.445

GROUP SPREAD: 2.455

MIN RADIUS: 0.073

MAX RADIUS: 1.239

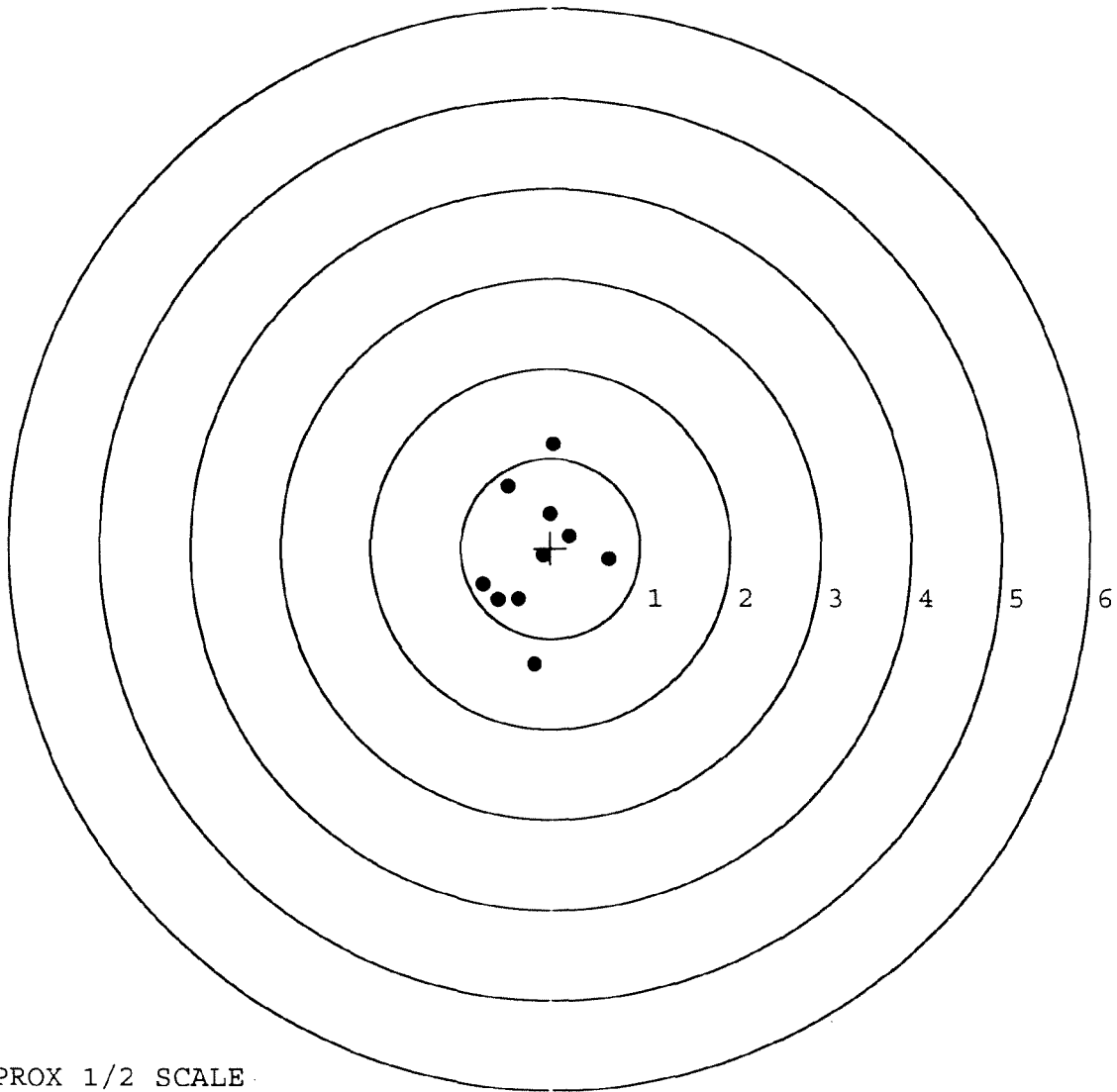
MEAN RADIUS: 0.694

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.182	-1.288
2:	0.653	-0.120
3:	-0.475	0.693
4:	0.040	1.157
5:	-0.009	0.376
6:	-0.753	-0.403
7:	-0.591	-0.571
8:	-0.365	-0.564
9:	-0.086	-0.086
10:	0.204	0.140



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498836. 0

TARGET NUMBER: 3

FILE DATE: 10/01/2009

FILE TIME: 07:21

X CENTROID: -0.093

Y CENTROID: -0.097

POA TO CENTROID: 0.135

HORZ SPREAD: 1.975

VERT SPREAD: 2.078

GROUP SPREAD: 2.454

MIN RADIUS: 0.438

MAX RADIUS: 1.616

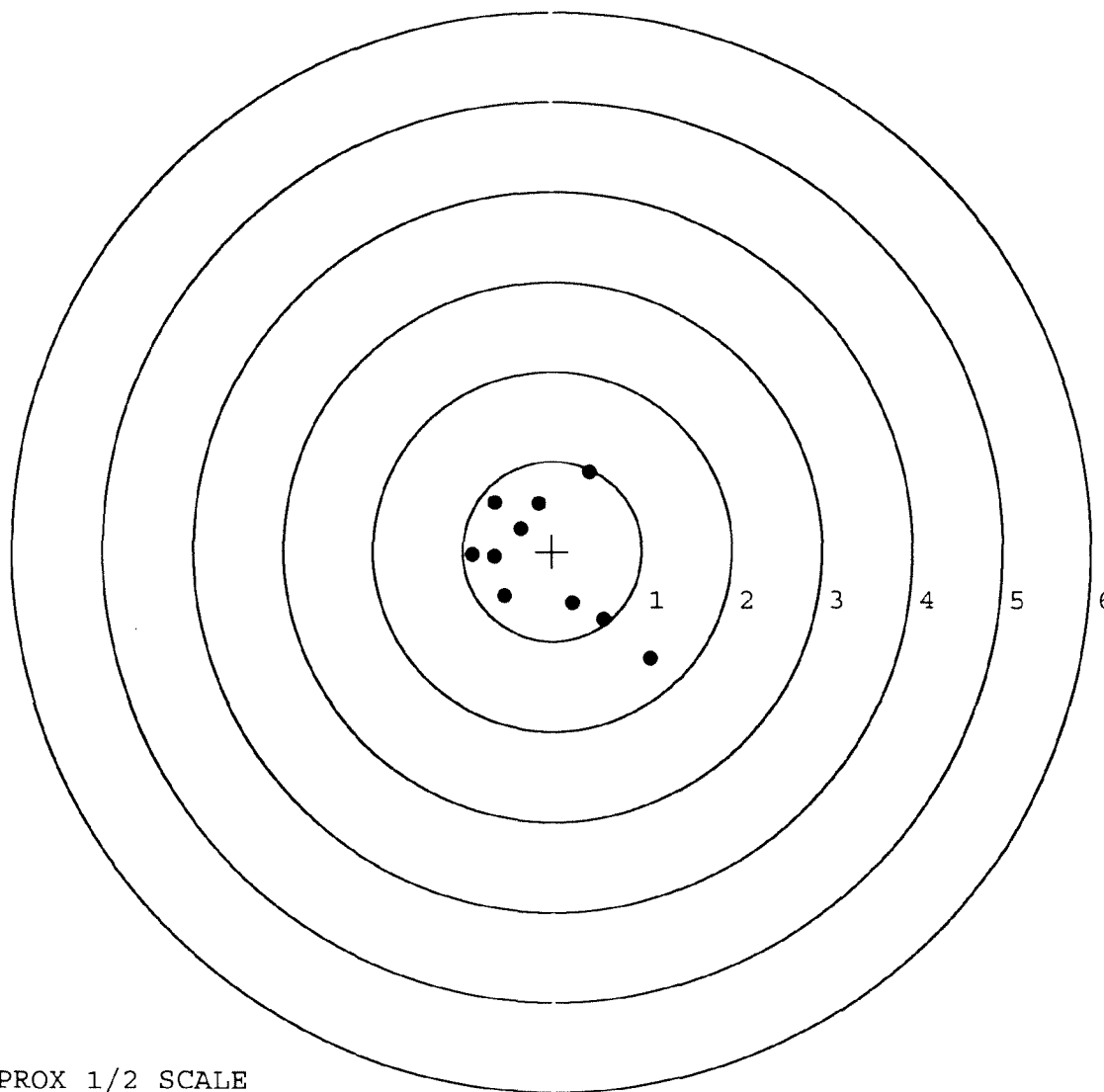
MEAN RADIUS: 0.811

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.087	-1.201
2:	0.416	0.877
3:	-0.646	0.536
4:	-0.158	0.533
5:	0.573	-0.771
6:	0.223	-0.583
7:	-0.539	-0.507
8:	-0.888	-0.043
9:	-0.645	-0.066
10:	-0.356	0.253



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498836. __0

TARGET NUMBER: 4

FILE DATE: 10/01/2009

FILE TIME: 07:21

X CENTROID: 0.070

Y CENTROID: -0.228

POA TO CENTROID: 0.238

HORZ SPREAD: 2.198

VERT SPREAD: 2.612

GROUP SPREAD: 3.055

MIN RADIUS: 0.263

MAX RADIUS: 1.874

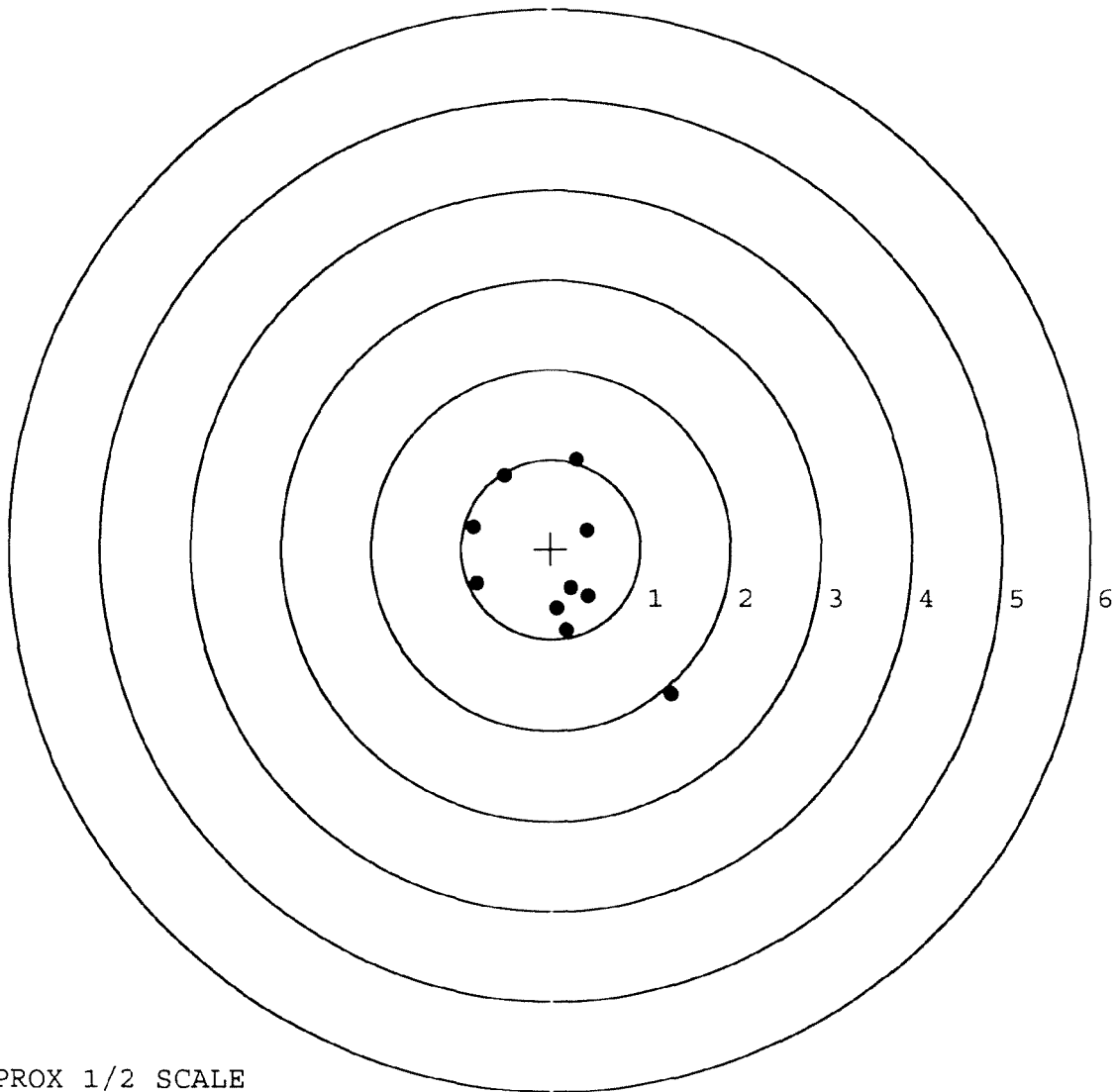
MEAN RADIUS: 0.868

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.337	-1.608
2:	0.287	1.004
3:	-0.823	-0.393
4:	-0.517	0.820
5:	-0.861	0.242
6:	0.404	0.209
7:	0.415	-0.529
8:	0.225	-0.440
9:	0.061	-0.673
10:	0.169	-0.912



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498836. __0

TARGET NUMBER: 5

FILE DATE: 10/01/2009

FILE TIME: 07:21

X CENTROID: 0.064

Y CENTROID: 0.030

POA TO CENTROID: 0.071

HORZ SPREAD: 0.855

VERT SPREAD: 1.734

GROUP SPREAD: 1.781

MIN RADIUS: 0.122

MAX RADIUS: 0.954

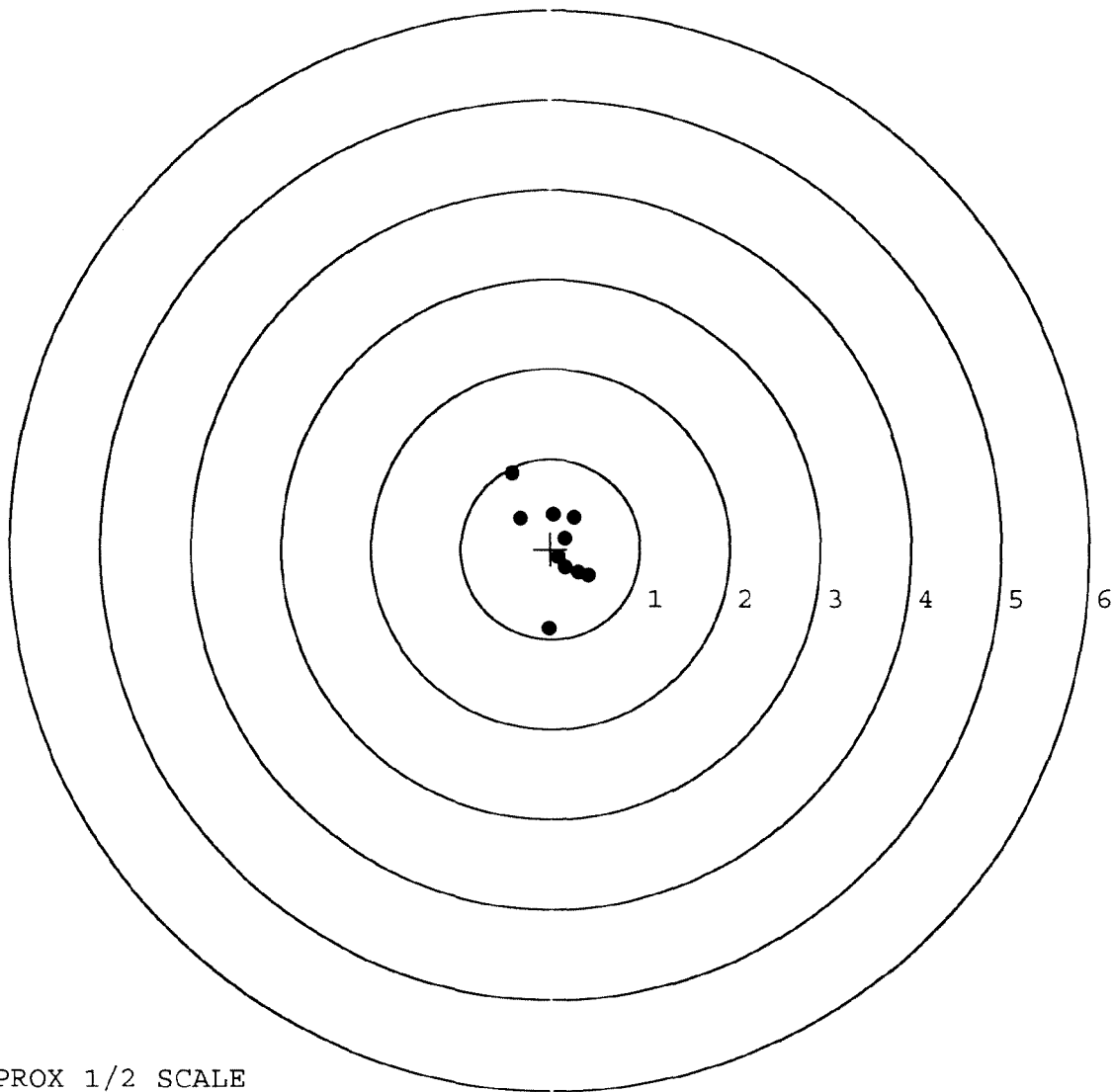
MEAN RADIUS: 0.449

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.024	-0.889
2:	0.263	0.355
3:	-0.432	0.845
4:	-0.344	0.341
5:	0.033	0.383
6:	0.158	0.114
7:	0.092	-0.088
8:	0.164	-0.202
9:	0.309	-0.262
10:	0.423	-0.294



TARGET APPROX 1/2 SCALE

CS 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: **RE00092655** Serial: C6498836 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 2/9/2005 7:41:02 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: 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	Fit and Rear Sgt Base	1

Repair Search Refresh Close

negletj 2/8/2005 9:39 AM CAPS NUM INS SCPL

start 3 4

Serial Number: **C6498836**

Model: **M24 SWS**



RE00092655

BARBER - M24 0008665
 AVERAGE PULL FORCE BETWEEN
 INITIAL & CYCLE TESTS
 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 2-10-05

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.27	2.75		2.49	
PULL #2	2.34	2.45		2.43	
PULL #3	2.18	2.60		2.57	
PULL #4	2.40	2.49		2.58	
PULL #5	2.43	2.75		2.61	
TOTAL	11.62	13.05 13.04		12.68	
AVERAGE	2.32	2.60		2.53	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.40	3.01		
PULL #2	3.46	3.50		
PULL #3	3.15	3.47		
PULL #4	3.18	3.15		
PULL #5	3.12	3.31		
TOTAL	16.31	16.44		
AVERAGE	3.26	3.28		

	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	4.19	4.22		4.03
PULL #2	4.27	4.26		4.18
PULL #3	4.32	4.27		4.26
PULL #4	4.32	4.10		4.28
PULL #5	4.27	4.26		4.23
TOTAL	21.37	21.11		20.98
AVERAGE	4.27	4.22		4.19

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6498836.___0

FILE DATE AND TIME: 03/10/2005 07:48

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.067
The Average Y Centroid of the Five Target Set:	-0.076
The Average Point of Impact of the Five Target Set:	0.101
The Average Mean Radius of the Five Target Set:	0.807
The Distance from POA to Centroid Target #1:	0.107
The Distance from Centroid Target #2 to Centroid Target #1:	0.061
The Distance from Centroid Target #3 to Centroid Target #1:	0.175
The Distance from Centroid Target #4 to Centroid Target #1:	0.348
The Distance from Centroid Target #5 to Centroid Target #1:	0.350

SERIAL NUMBER: C6498836. __0

TARGET NUMBER: 1

FILE DATE: 03/10/2005

FILE TIME: 07:48

X CENTROID: -0.096

Y CENTROID: -0.047

POA TO CENTROID: 0.107

HORZ SPREAD: 0.872

VERT SPREAD: 1.303

GROUP SPREAD: 1.370

MIN RADIUS: 0.106

MAX RADIUS: 0.707

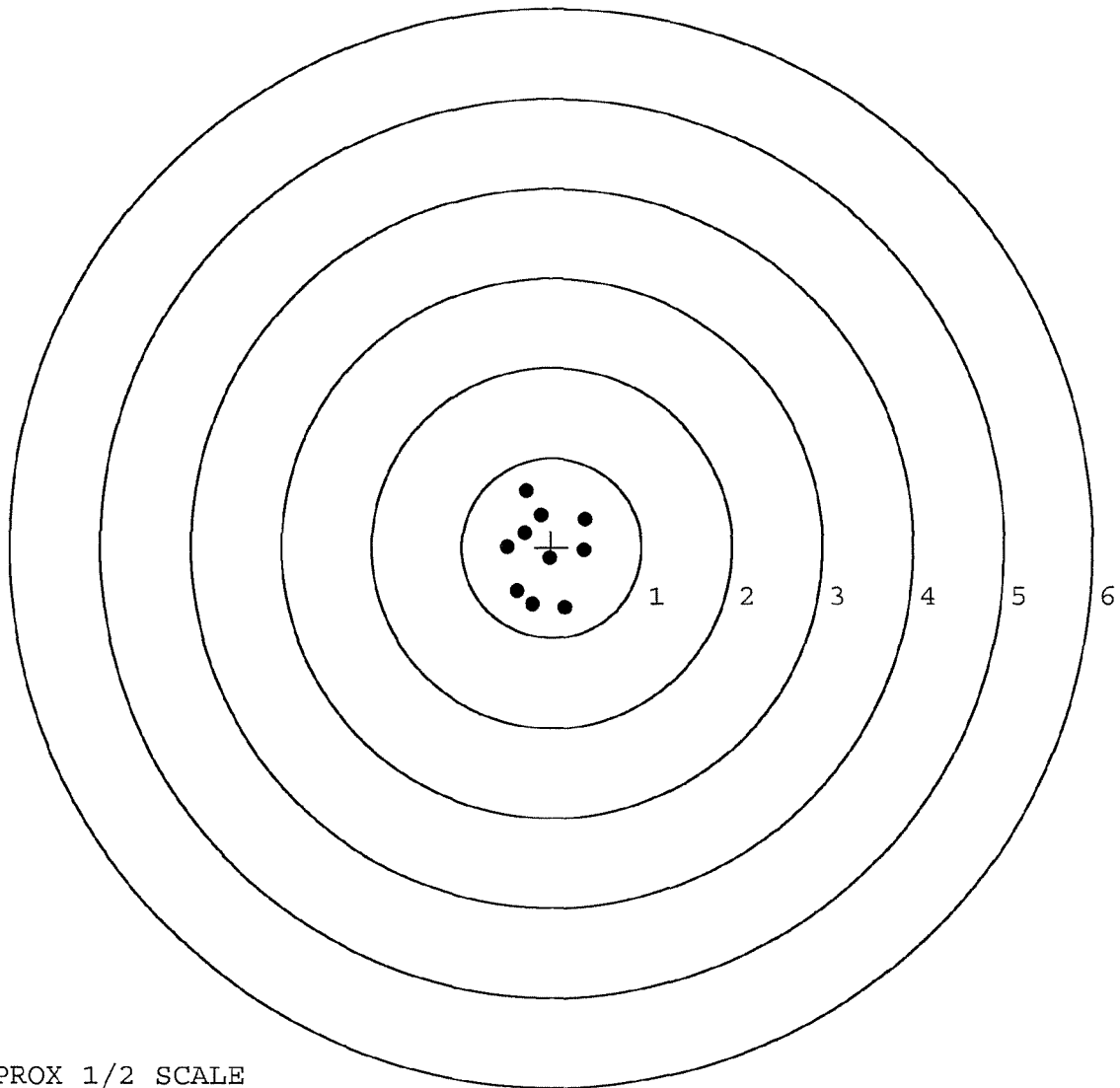
MEAN RADIUS: 0.479

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.141	-0.668
2:	-0.215	-0.639
3:	-0.392	-0.491
4:	0.365	-0.033
5:	0.373	0.315
6:	-0.124	0.366
7:	-0.025	-0.126
8:	-0.304	0.163
9:	-0.499	0.009
10:	-0.283	0.635



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498836. __0

TARGET NUMBER: 2

FILE DATE: 03/10/2005

FILE TIME: 07:48

X CENTROID: -0.036

Y CENTROID: -0.039

POA TO CENTROID: 0.053

HORZ SPREAD: 1.165

VERT SPREAD: 1.126

GROUP SPREAD: 1.505

MIN RADIUS: 0.277

MAX RADIUS: 0.768

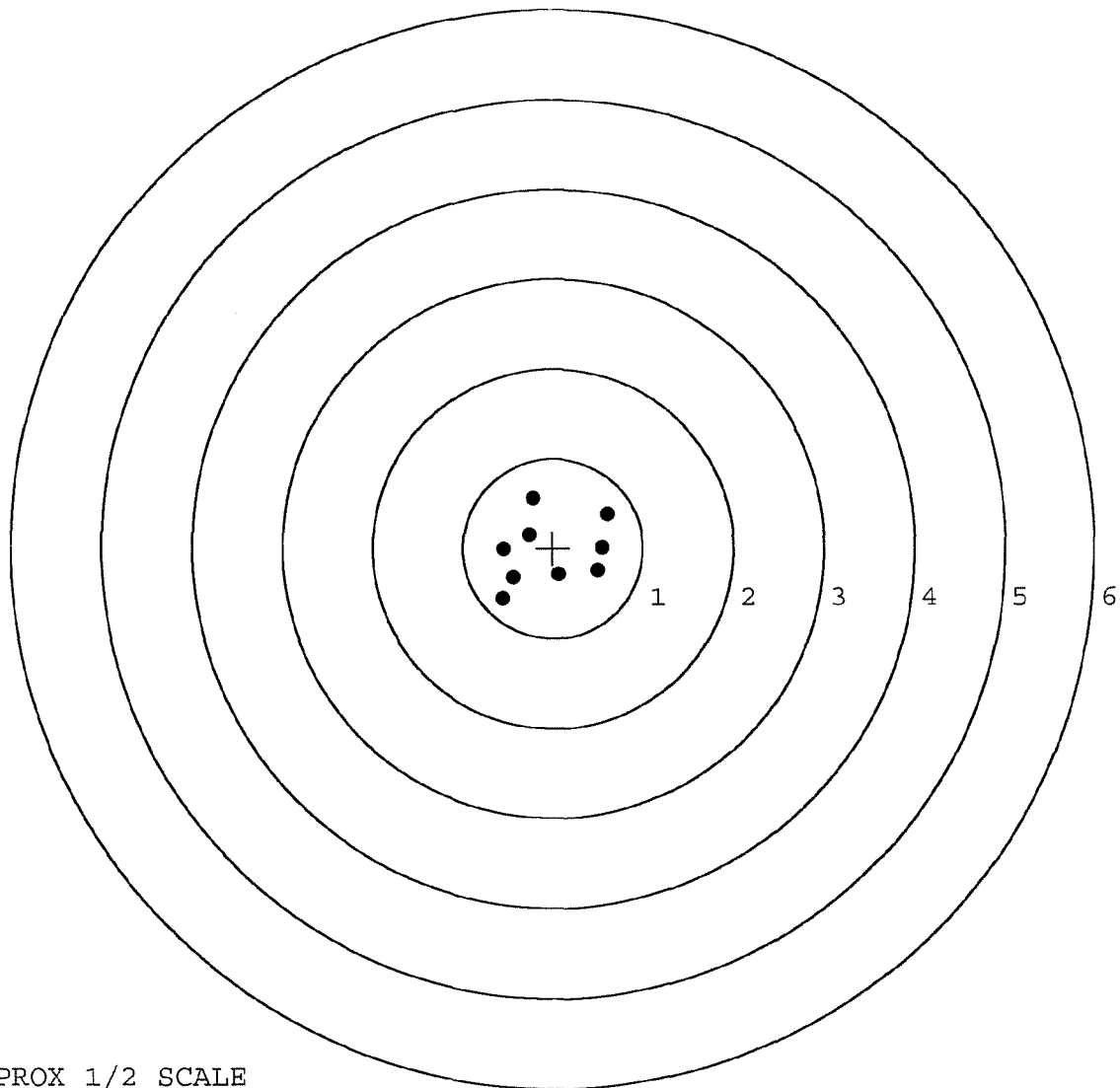
MEAN RADIUS: 0.543

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.497	-0.251
2:	0.547	0.013
3:	0.604	0.386
4:	0.064	-0.297
5:	-0.221	0.560
6:	-0.262	0.152
7:	-0.548	-0.013
8:	-0.443	-0.331
9:	-0.561	-0.566



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498836. __0

TARGET NUMBER: 3

FILE DATE: 03/10/2005

FILE TIME: 07:48

X CENTROID: 0.076

Y CENTROID: -0.016

POA TO CENTROID: 0.078

HORZ SPREAD: 1.768

VERT SPREAD: 2.488

GROUP SPREAD: 2.770

MIN RADIUS: 0.128

MAX RADIUS: 1.645

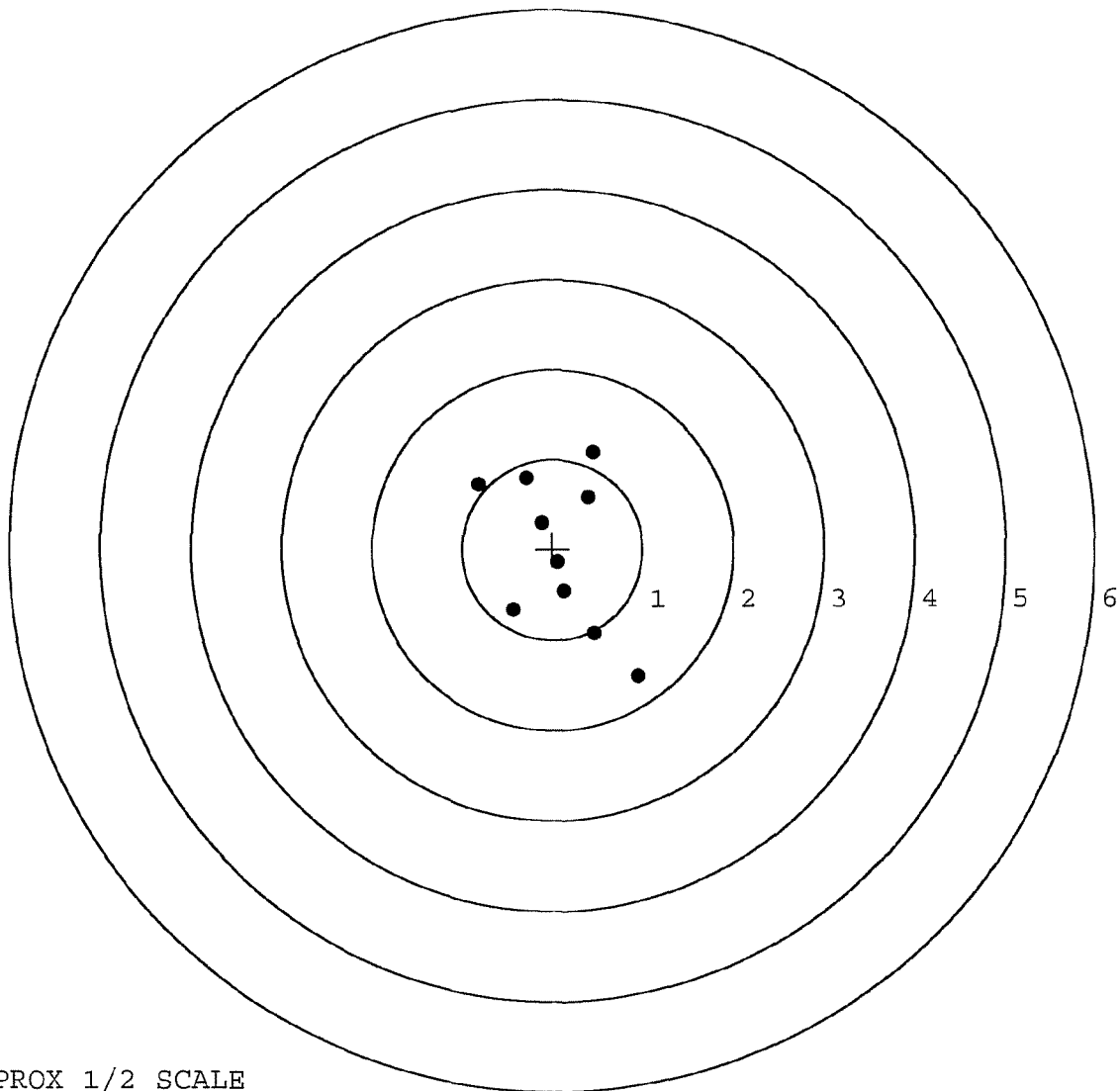
MEAN RADIUS: 0.829

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.949	-1.411
2:	0.456	-0.930
3:	0.122	-0.462
4:	0.054	-0.142
5:	-0.440	-0.672
6:	-0.121	0.293
7:	0.399	0.575
8:	0.455	1.077
9:	-0.293	0.789
10:	-0.819	0.722

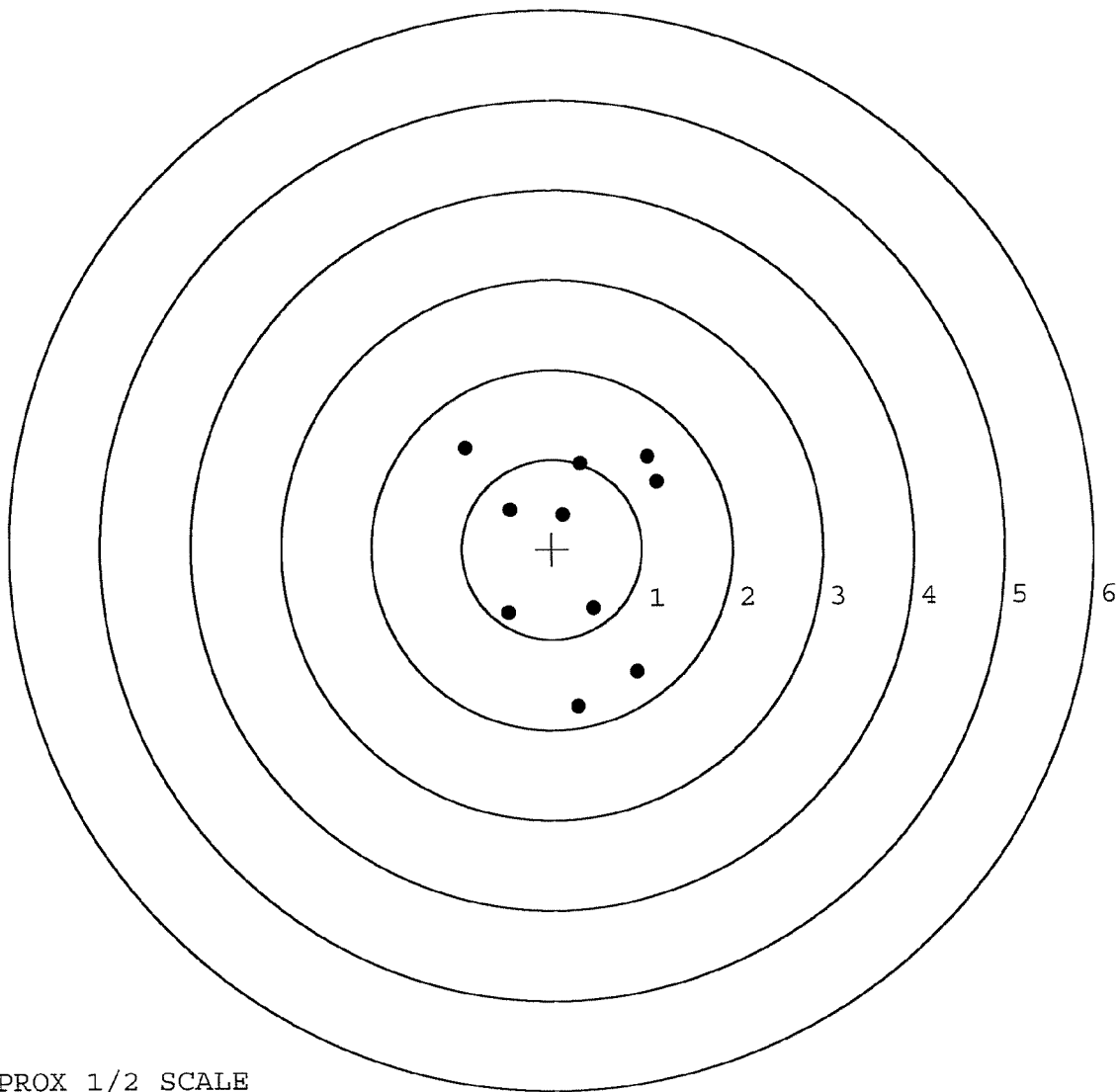


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498836. 0
 TARGET NUMBER: 4
 FILE DATE: 03/10/2005
 FILE TIME: 07:48

POINT#	X	Y
1:	0.935	-1.368
2:	0.277	-1.748
3:	0.457	-0.664
4:	-0.490	-0.711
5:	1.167	0.743
6:	1.069	1.022
7:	0.322	0.960
8:	0.126	0.386
9:	-0.461	0.446
10:	-0.952	1.138

X CENTROID: 0.245
 Y CENTROID: 0.020
 POA TO CENTROID: 0.246
 HORZ SPREAD: 2.119
 VERT SPREAD: 2.886
 GROUP SPREAD: 3.137
 MIN RADIUS: 0.384
 MAX RADIUS: 1.769
 MEAN RADIUS: 1.133
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 4
 # in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498836. 0

TARGET NUMBER: 5

FILE DATE: 03/10/2005

FILE TIME: 07:48

X CENTROID: 0.147

Y CENTROID: -0.298

POA TO CENTROID: 0.332

HORZ SPREAD: 1.992

VERT SPREAD: 3.557

GROUP SPREAD: 4.077

MIN RADIUS: 0.250

MAX RADIUS: 2.610

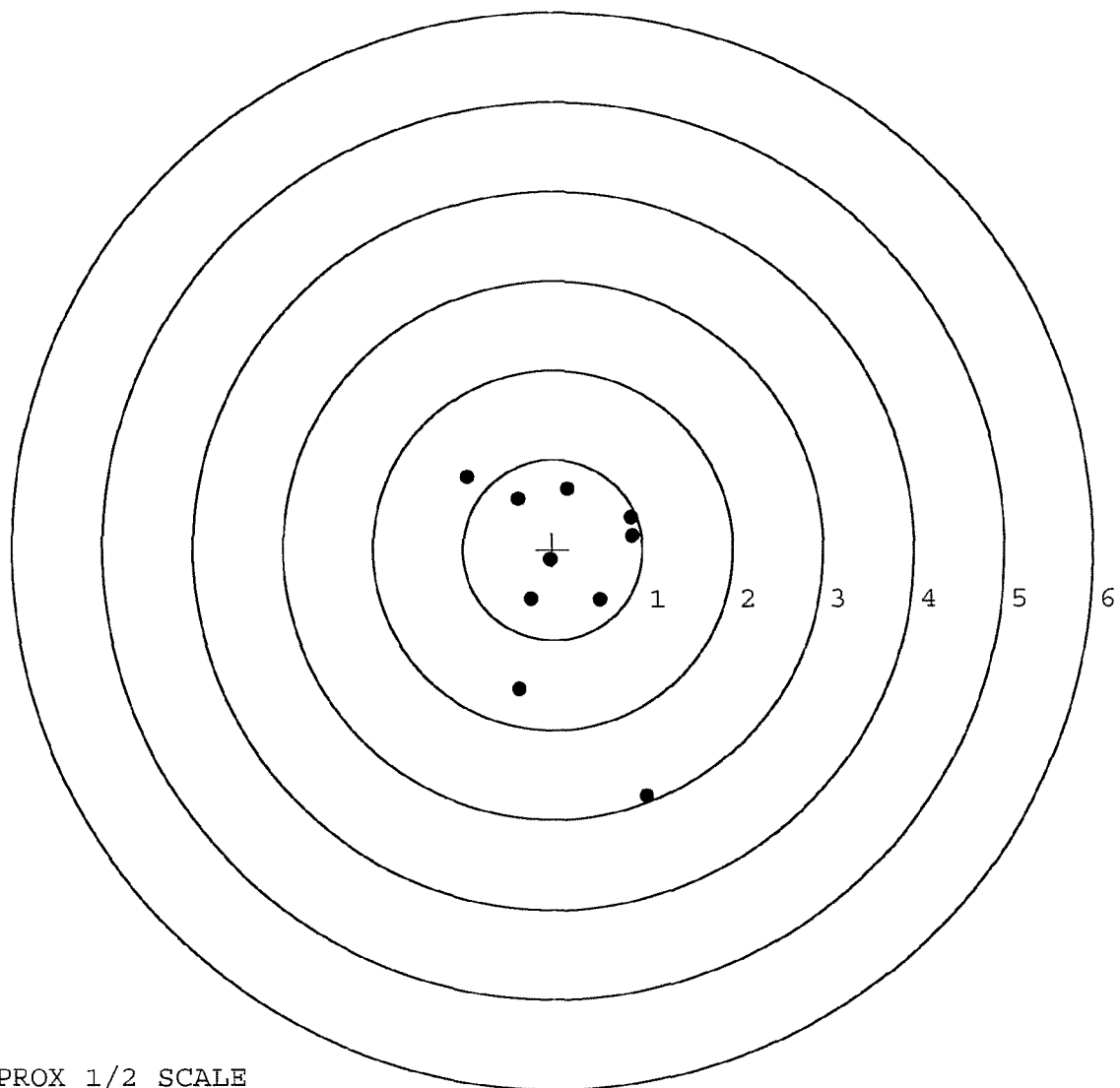
MEAN RADIUS: 1.053

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8

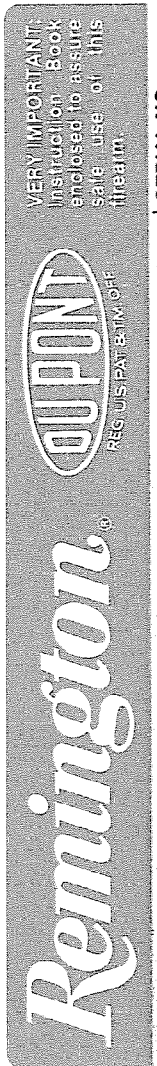
POINT#	X	Y
1:	0.521	-0.560
2:	-0.252	-0.550
3:	-0.027	-0.118
4:	0.883	0.148
5:	0.867	0.359
6:	0.164	0.676
7:	-0.393	0.560
8:	-0.949	0.807
9:	1.043	-2.750
10:	-0.386	-1.553



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	92655		
SERIAL NUMBER	C6498836		
LOG-IN DATE	2-8-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2-11-05	RTZ
560 A	RE-BARREL	2-14-05	RTZ
B	DRILL AND TAP	2-17-05	TRW
575	ASSEMBLE	2-16-05	RTZ
600	PROOF	2-17-05	AC
605	CHECK HEADSPACE	2-17-05	AC
610	DIS-ASSEMBLE GUN	2-17-05	RTZ
612	MAGNAFLUX		AC
615	ROLLMARK CALIBER	2-18-05	CW
618	ROTO-BLAST	2-18-05	LB
620	APPLY COATINGS	3/1/05	HP
625 A	FINAL ASSEMBLY	3-7-05	RTZ
B	TRIGGER PULL TEST	3-14-05	TRW
C	SAFETY "ON" FORCE	3-14-05	AC
D	SAFETY "OFF" FORCE	3-14-05	AC
E	FIRING PIN INDENT	3-14-05	AC
640	TARGET	3-10-05	TRW
655	FINAL INSPECT	3-14-05	AC
660	PACK	3-15-05	RTZ
		SHIP DATE	
QAR INSPECTION DATE			



MODEL 700™ M24

SERIAL NO.

C6498836

ORDER NO.

5716

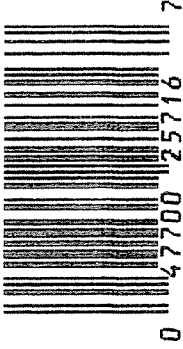
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MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.



5716 C6498836

UPC



047700257167

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6498836

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	5 9	90	RW
600	Proof	5 9	90	RW
607	Check Headspace	5 9	90	RW
610	Dis-assemble Gun	5 9	90	RW
612	Magnaflux Barrel Action	5-15-90		KER
	Magnaflux Bolt	5-15-90		KER
615	Rollmark Caliber	5-15-90		GS
617	Drill and Tap Sight Holes		5/17/90	FB
618	Polish Barrel RB		5/17/90	RWB
620	Apply Coatings (Barrel Action)		5-25-90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/25/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/25/90	RW
	C) Inspect Ejector Hole for Chamfer		5/25/90	RW
	D) Oil Firing Pin Ass'y		5/25/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		6-4-90	YU

BARBER - M24 0008636

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			6/7/90	W.B.
	G) Safety Off Force	2 1/4	2 1/4	2 1/4			6/7/90	W.B.
	H) Trigger Pull Test & Retainability						6-4-90	JH
	I) Firing Pin Indent	.0235	.023	.023			6/7/90	W.B.
	J) Assemble Stock						6/8/90	RW
	K) Assemble Swivel Studs						6/5/90	JH
	L) Attach Front and Rear Sight Assemblies						6/8/90	RW
	M) Iron Sight Alignment						6/8/90	RW
	N) Detach Front & Rear Sights & place in numbered container						6/8/90	RW
	O) Attach Scope to Rifle						6/8/90	JH
	P) Detach & Attach Scope 20 Times						6/8/90	JH
640	Gallery Target & Test						6-8-90	DH
	A) Time						6-8-90	DH
	B) Malfunctions						6-8-90	DH
	C) Pierced Primers						6-8-90	DH
	D) Optical Clarity of Scope						6-8-90	DH
645	Inspect for Live Ammo						6-8-90	DH
655	Final Inspection							
	A) Headspace						6/15/90	JH
	B) Trigger Pull	2.82	2.90	2.93	2.40	2.50	6/14/90	JH
	C) Function						6/15/90	JH
660	Pack						6-20-90	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6498836

DATE 6-4-90

TESTER JLL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.21	2.15	2.17	2.82	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.18	2.25	2.14	2.90	
PULL #3	2.17	2.21	2.19	2.98	
PULL #4	2.30	2.32	2.14	2.40	
PULL #5	2.24	2.21	2.13	2.50	
TOTAL	11.10	11.14	10.77		
AVG.	2.22	2.228	2.154		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.42	3.48		
PULL #2	3.44	3.48		
PULL #3	3.44	3.52		
PULL #4	3.50	3.22		
PULL #5	3.51	3.41		
TOTAL	17.31	17.11		
AVG.	3.462	3.422		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.37	4.33		4.39
PULL #2	4.32	4.34		4.44
PULL #3	4.40	4.31		4.44
PULL #4	4.45	4.34		4.43
PULL #5	4.23	4.45		4.44
TOTAL	21.77	21.77		22.14
AVG.	4.354	4.354		4.428

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6498836
8 Jun 1990

CENTROIDAL DISTANCES

0	TO	1	.311893
1	TO	2	.630908
1	TO	3	.716705
1	TO	4	.179045
1	TO	5	.614524

$\frac{5}{14}$ <----FOR

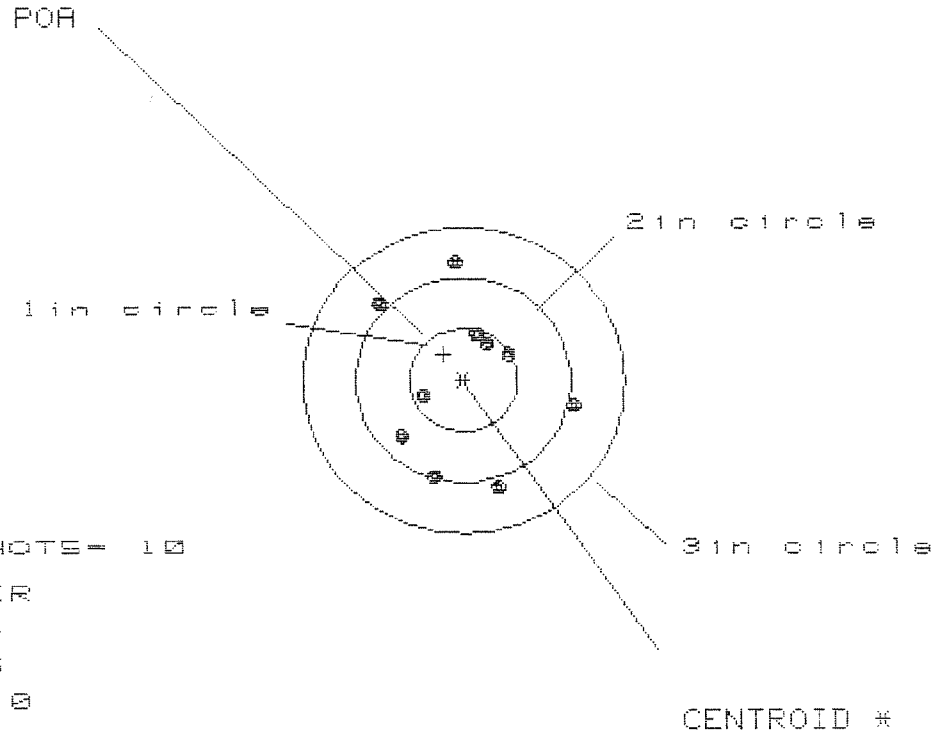
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0684
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.135
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .151339

THE AMR FOR THIS RIFLE IS: .8526

8 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C849B836

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 4

2 in = 5

3 in = 10

HS= 1.792

VS= 2.145

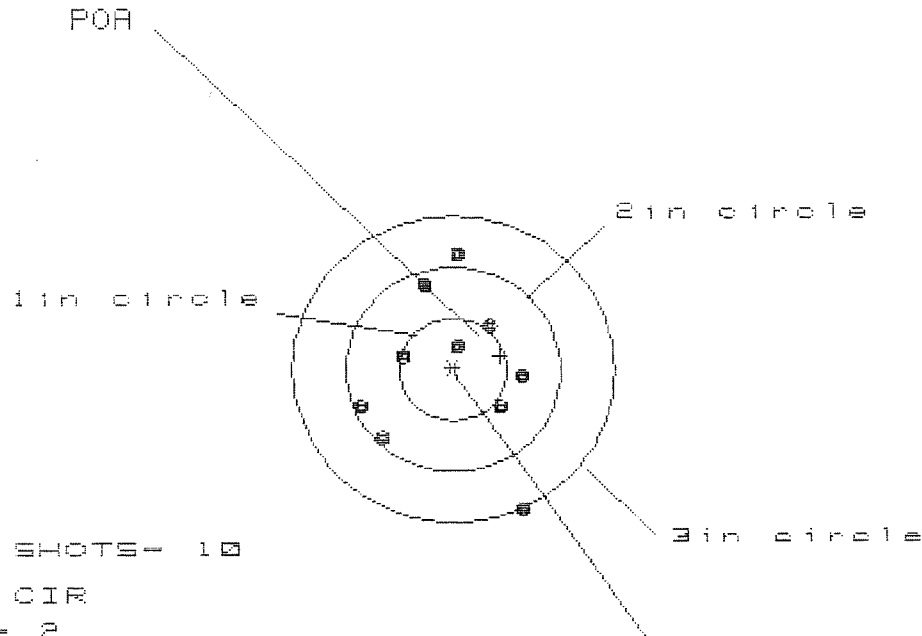
GS= 2.176

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.029	1.025	1.066
MINIMUM X	-.763	-.767	-.726
MAXIMUM Y	1.122	.847	.735
MINIMUM Y	-1.023	-.899	-.972
CENTROID X	.181	.185	.144
CENTROID Y	-.254	-.378	-.266
POA TO CENTROID in.	.312	.421	.303
MIN RADIUS	.395	.379	.356
MEAN RADIUS	.792	.761	.716
MAX RADIUS	1.122	1.143	1.090
HORIZONTAL SPREAD	1.792	1.792	1.792
VERTICAL SPREAD	2.145	1.746	1.707
EXTREME SPREAD	2.176	2.060	2.035
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

8 Jun 1998

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CENTERFIRE PATTERNS # 2



HE= 1.522

VS= 2.459

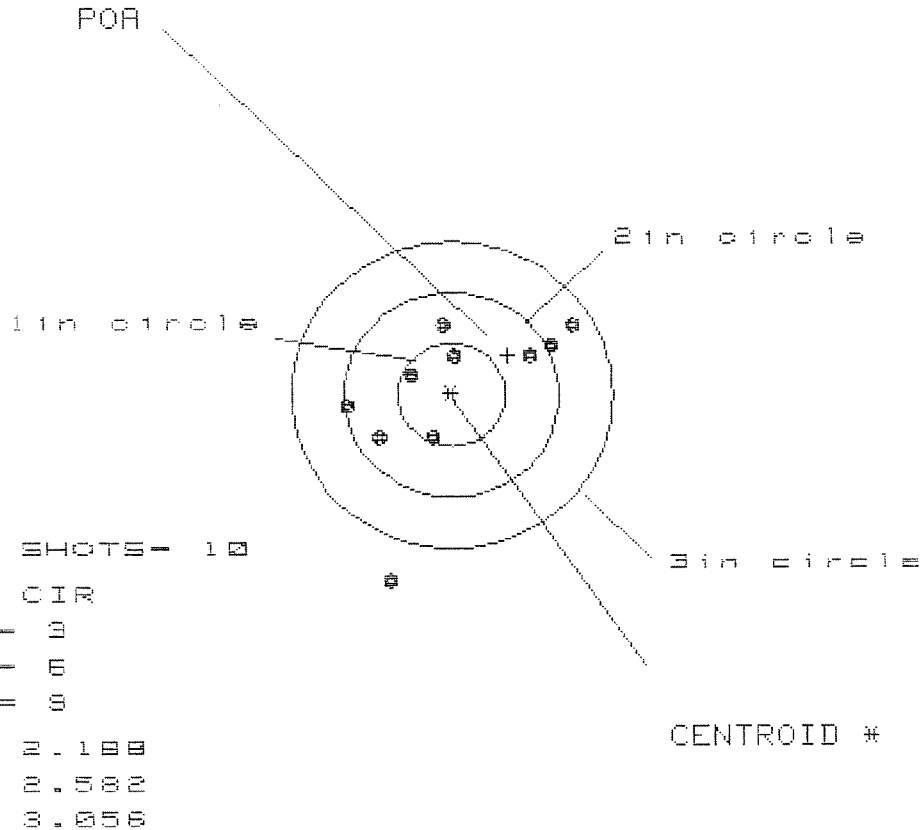
GS= 2.518

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.624	.684	.783
MINIMUM X	:	-.898	-.829	-.810
MAXIMUM Y	:	1.121	.972	.777
MINIMUM Y	:	-1.338	-.777	-.655
CENTROID X	:	-.438	-.507	-.526
CENTROID Y	:	-.132	.017	-.105
POA TO CENTROID in.	:	.457	.507	.536
MIN RADIUS	:	.233	.146	.245
MEAN RADIUS	:	.774	.672	.640
MAX RADIUS	:	1.476	.984	.882
HORIZONTAL SPREAD	:	1.522	1.513	1.513
VERTICAL SPREAD	:	2.459	1.749	1.432
EXTREME SPREAD	:	2.518	1.891	1.542
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 3



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.169	1.104	.987
MINIMUM X	:	-1.019	-1.084	-.946
MAXIMUM Y	:	.724	.518	.572
MINIMUM Y	:	-1.858	-.620	-.566
CENTROID X	:	-.524	-.459	-.597
CENTROID Y	:	-.383	-.177	-.231
POB TO CENTROID in.	:	.649	.491	.640
MIN RADIUS	:	.351	.146	.224
MEAN RADIUS	:	.898	.747	.681
MAX RADIUS	:	1.948	1.188	1.053
HORIZONTAL SPREAD	:	2.188	2.188	1.933
VERTICAL SPREAD	:	2.582	1.138	1.138
EXTREME SPREAD	:	3.056	2.322	2.040
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

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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 = 2

2 in = 6

3 in = 10

HS= 1.528

VS= 2.178

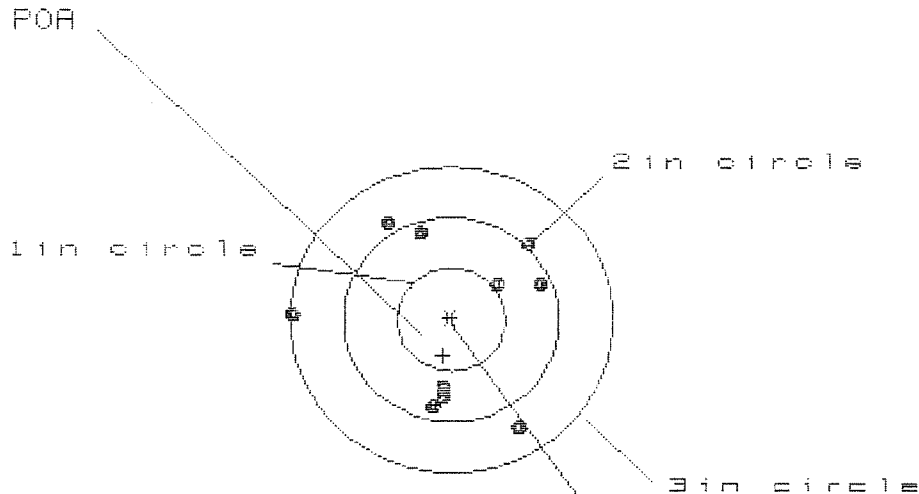
GS= 2.592

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.827	.862	.788
MINIMUM X	:	-.702	-.610	-.684
MAXIMUM Y	:	.994	.863	.961
MINIMUM Y	:	-1.184	-1.055	-.957
CENTROID X	:	.360	.269	.343
CENTROID Y	:	-.258	-.127	-.225
POR TO CENTROID in.	:	.444	.297	.411
MIN RADIUS	:	.396	.485	.417
MEAN RADIUS	:	.841	.772	.730
MAX RADIUS	:	1.444	1.096	1.026
HORIZONTAL SPREAD	:	1.528	1.472	1.472
VERTICAL SPREAD	:	2.178	1.918	1.918
EXTREME SPREAD	:	2.592	2.009	2.009
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 5

3 in = 10

HS= 2.310

VS= 2.042

GS= 2.421

CENTROID #

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.822	.657	.718
MINIMUM X	-1.488	-.731	-.670
MAXIMUM Y	.952	.955	.819
MINIMUM Y	-1.090	-1.087	-1.029
CENTROID X	.079	.244	.183
CENTROID Y	.352	.349	.485
POA TO CENTROID in.	.361	.426	.518
MIN RADIUS	.592	.485	.427
MEAN RADIUS	.958	.881	.832
MAX RADIUS	1.488	1.203	1.061
HORIZONTAL SPREAD	2.310	1.388	1.388
VERTICAL SPREAD	2.042	2.042	1.848
EXTREME SPREAD	2.421	2.382	1.893
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	