

4-

C6498836

8

MODEL 700™ M24

Model **SMS**™

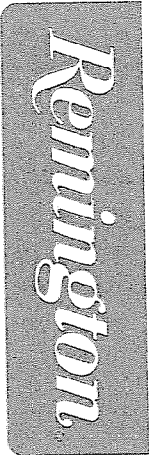
Action

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: 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

M-24
INSPECTION CHECKLIST - REPAIRS
CONTRACT #: W52H09-07-C-0207
ISSUED 10/1/2007

R & E NUMBER	<u>146503</u>			
SERIAL NUMBER	<u>06498836</u>			
LOG-IN DATE	<u>6-17-08</u>			

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		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	
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	<u>PASS</u> FAIL	9-30-09	RP
650	TARGET	<u>PASS</u> FAIL	9-30-09	RP
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	9-30-09	SP
670	FINAL INSPECTION			
	A) HEADSPACE	<u>PASS</u> 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
	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

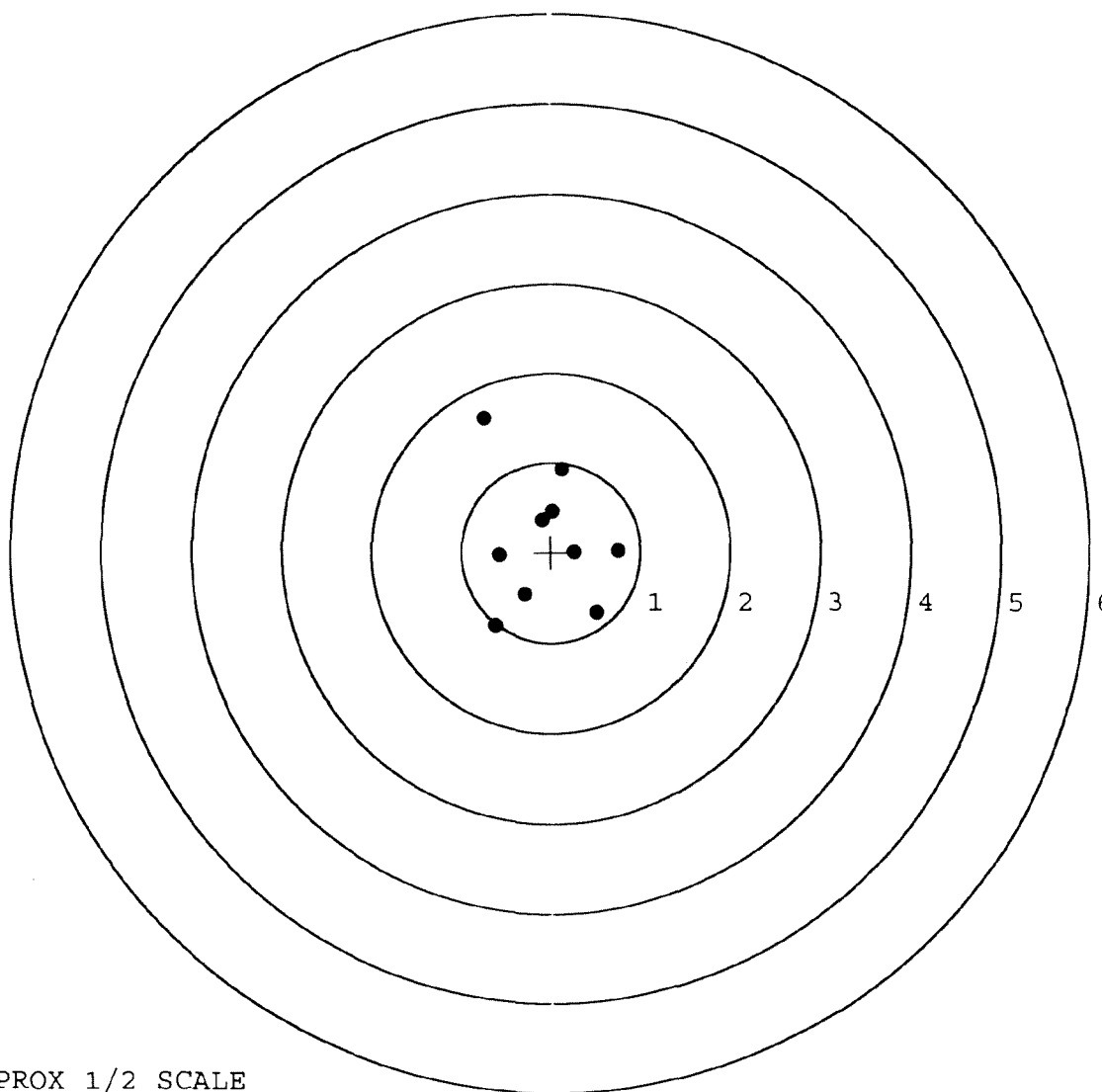
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

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

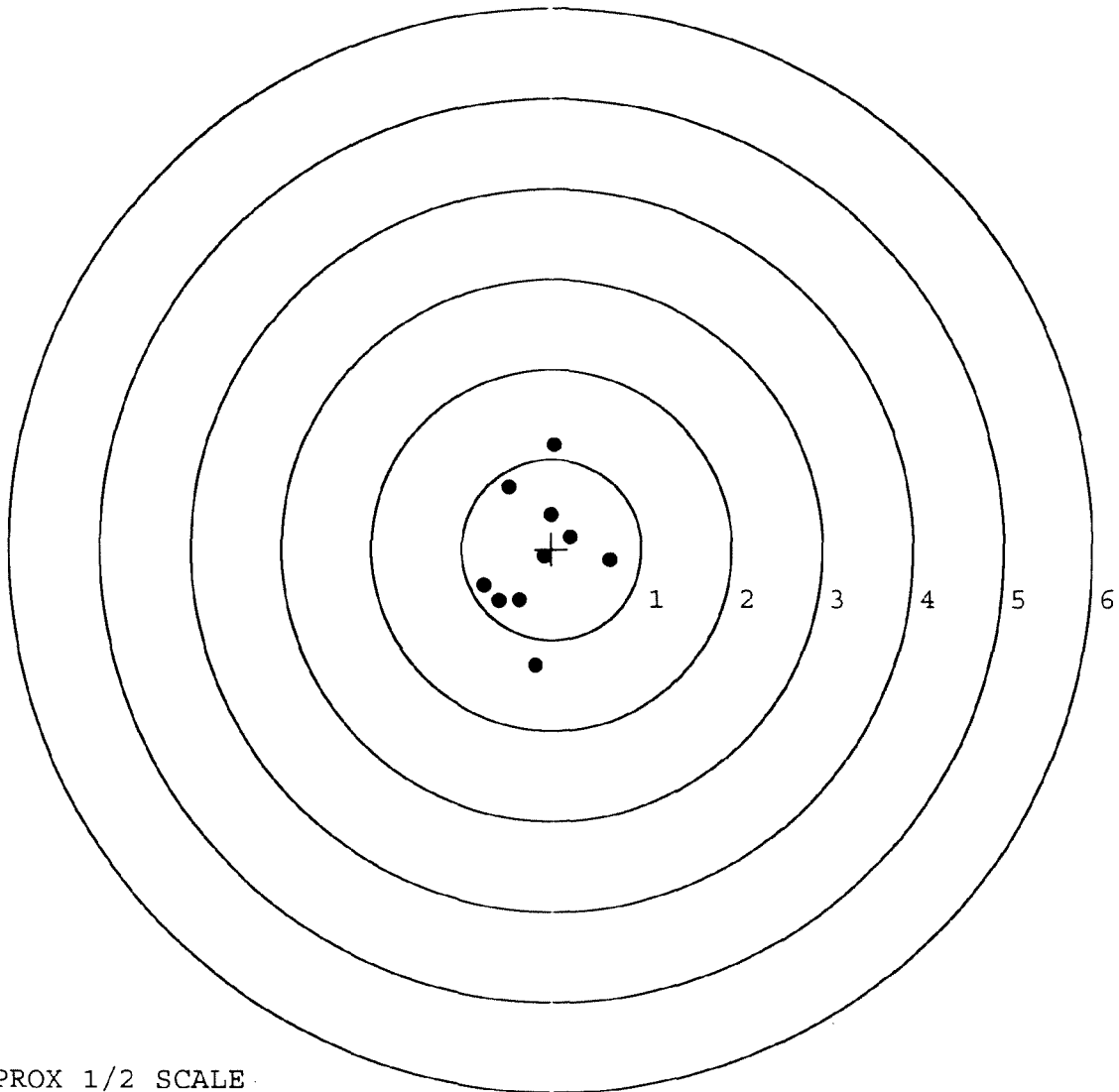


TARGET APPROX 1/2 SCALE

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

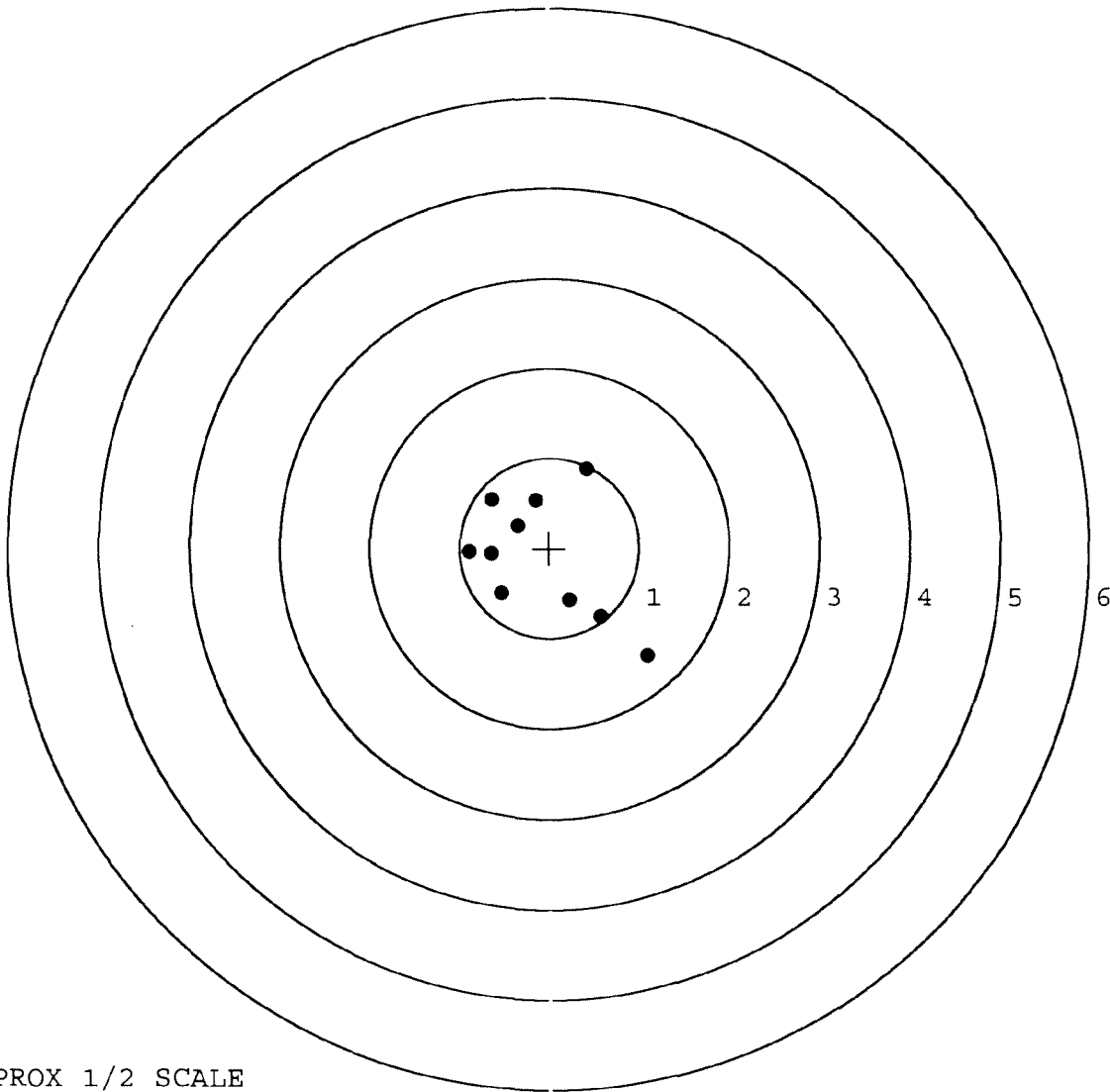


TARGET APPROX 1/2 SCALE

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

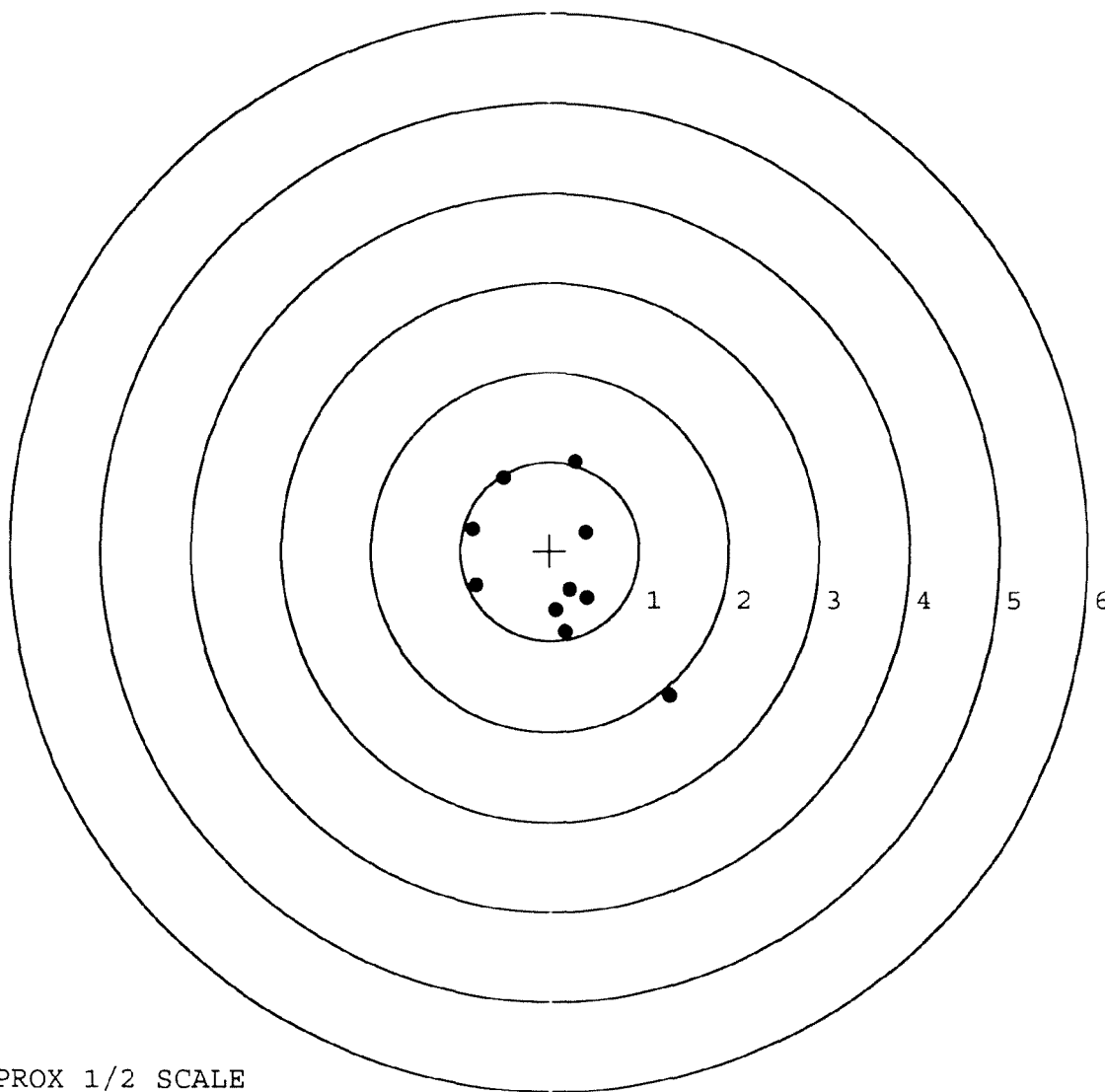


TARGET APPROX 1/2 SCALE

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

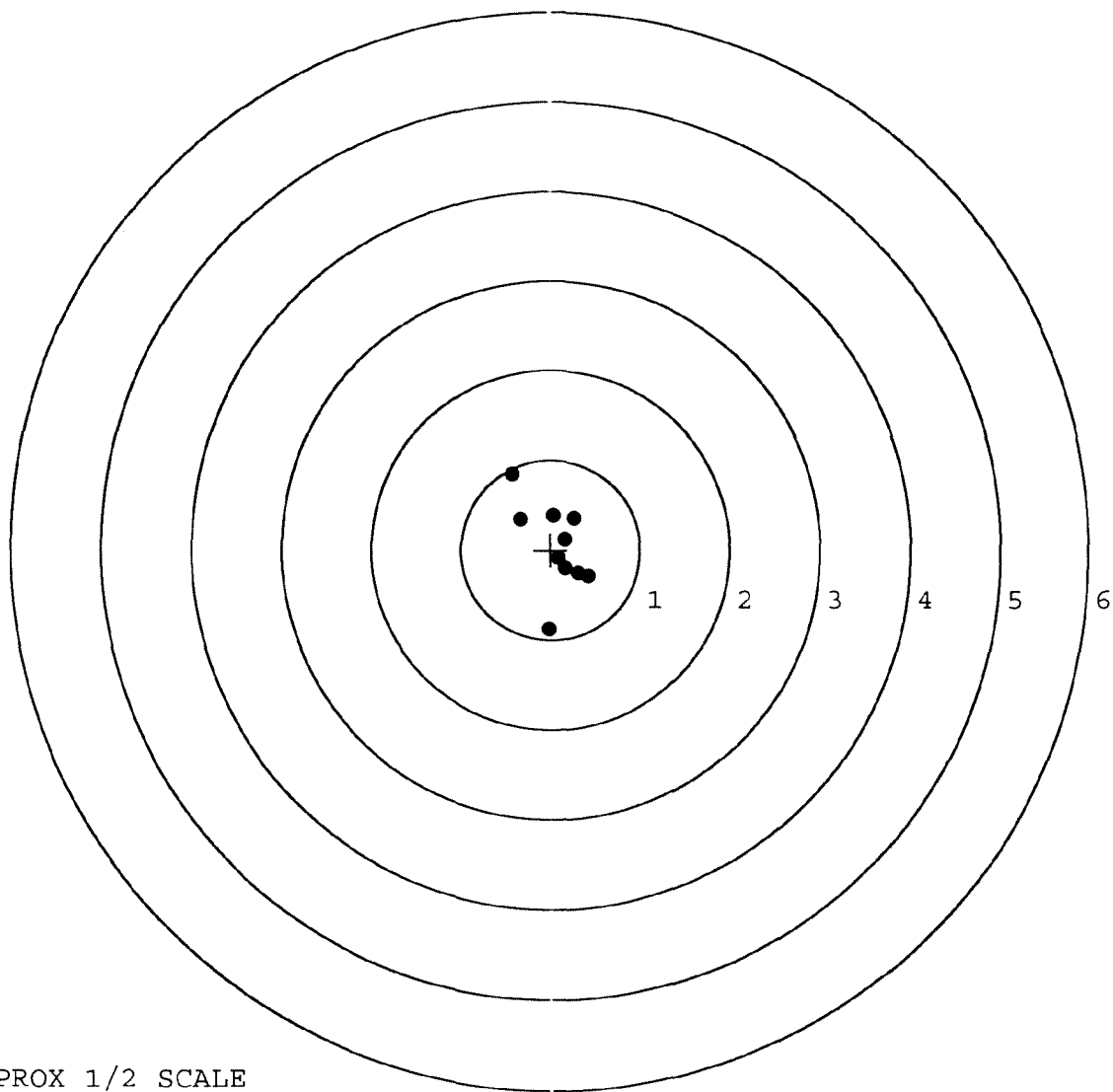
MEAN RADIUS: 0.449

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

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

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

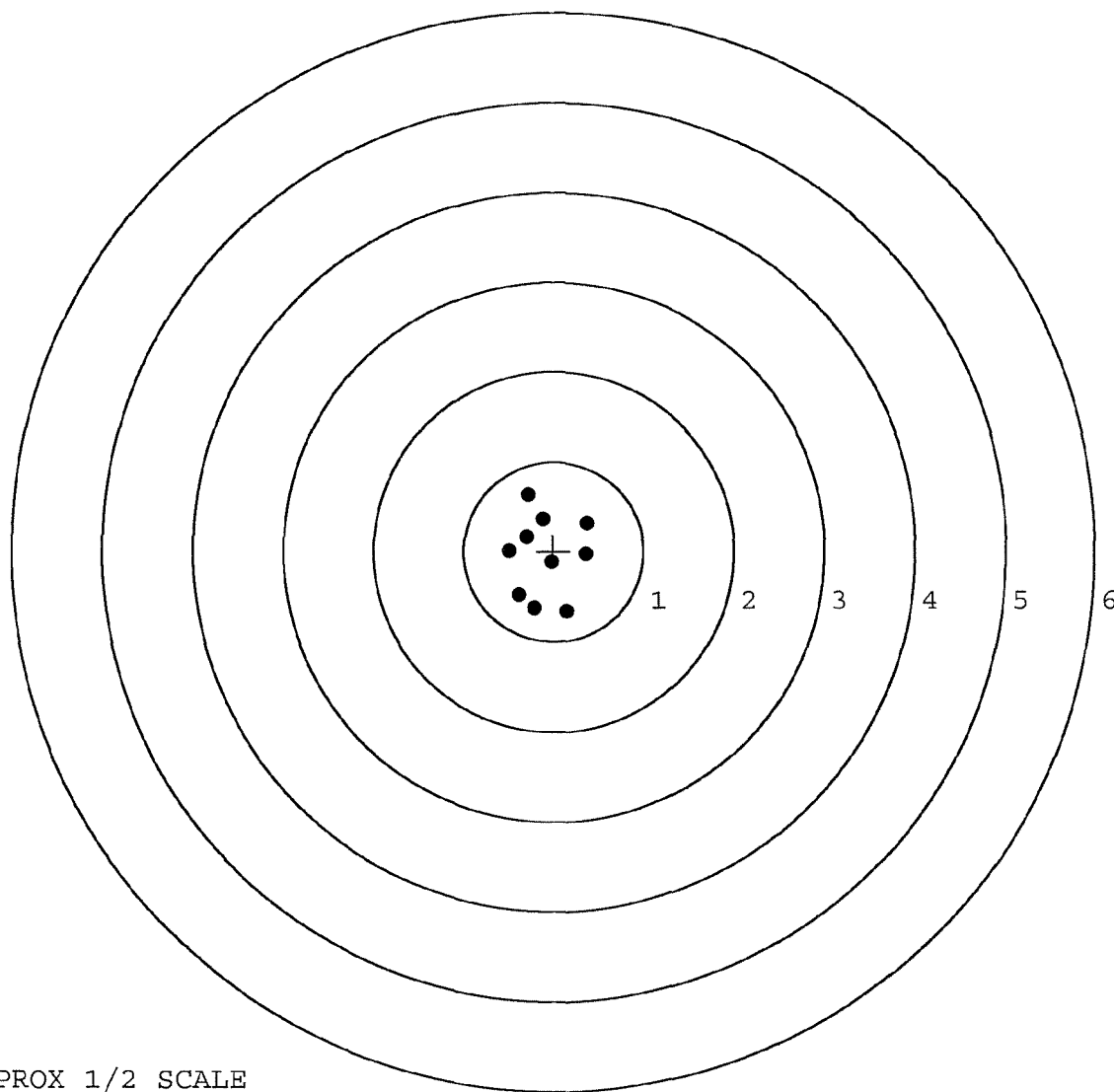
MEAN RADIUS: 0.479

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

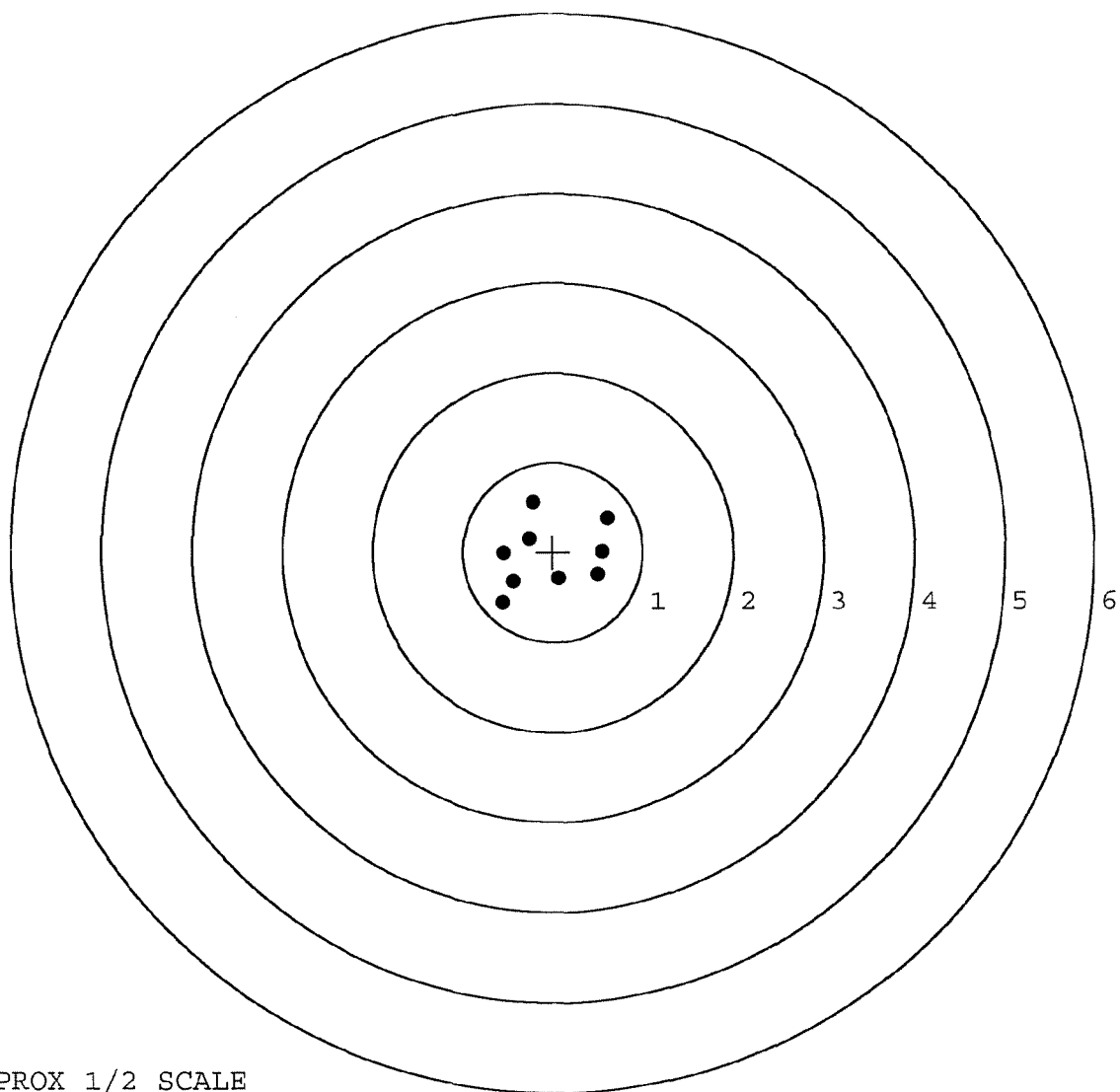
MEAN RADIUS: 0.543

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

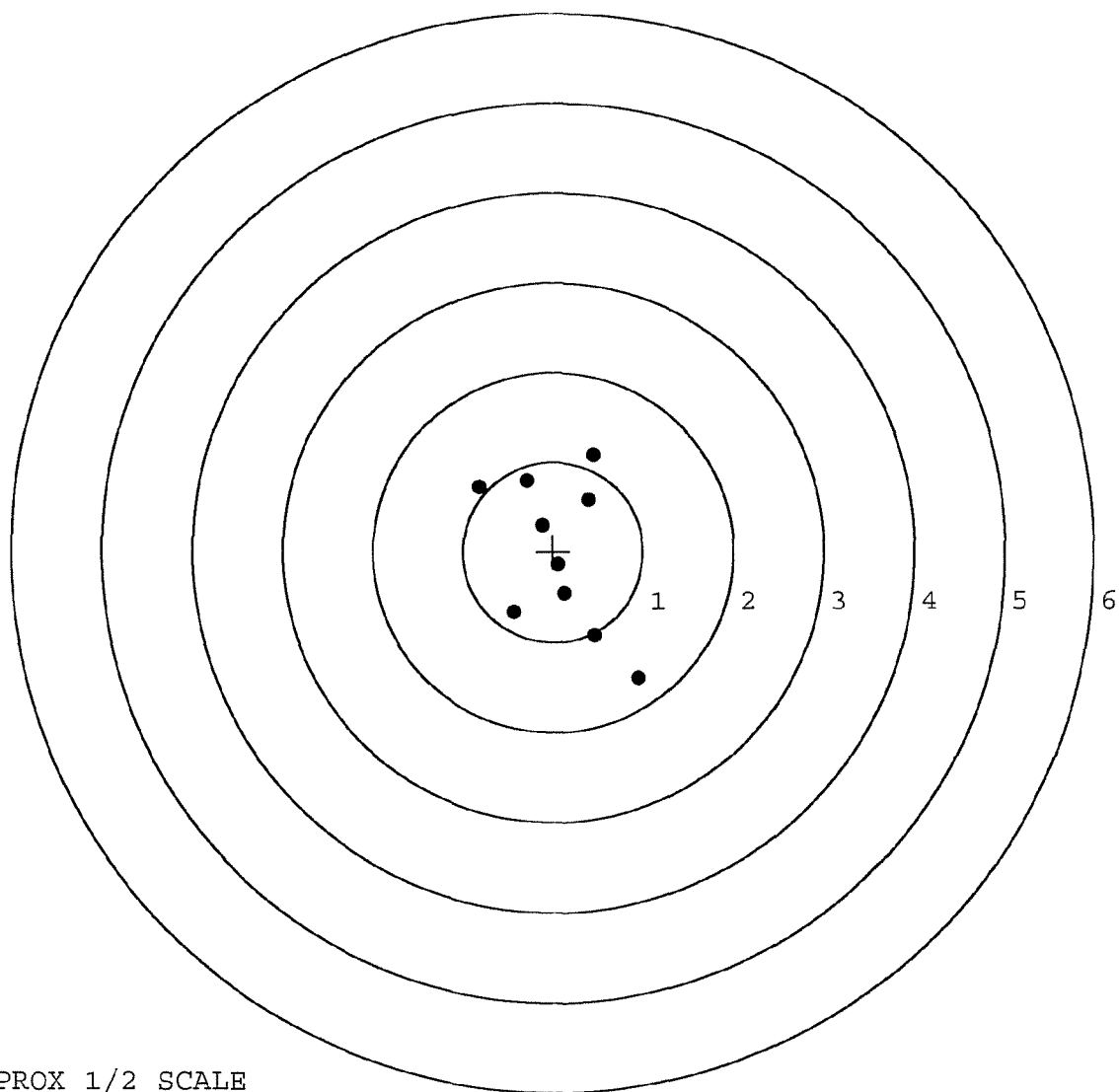
MEAN RADIUS: 0.829

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

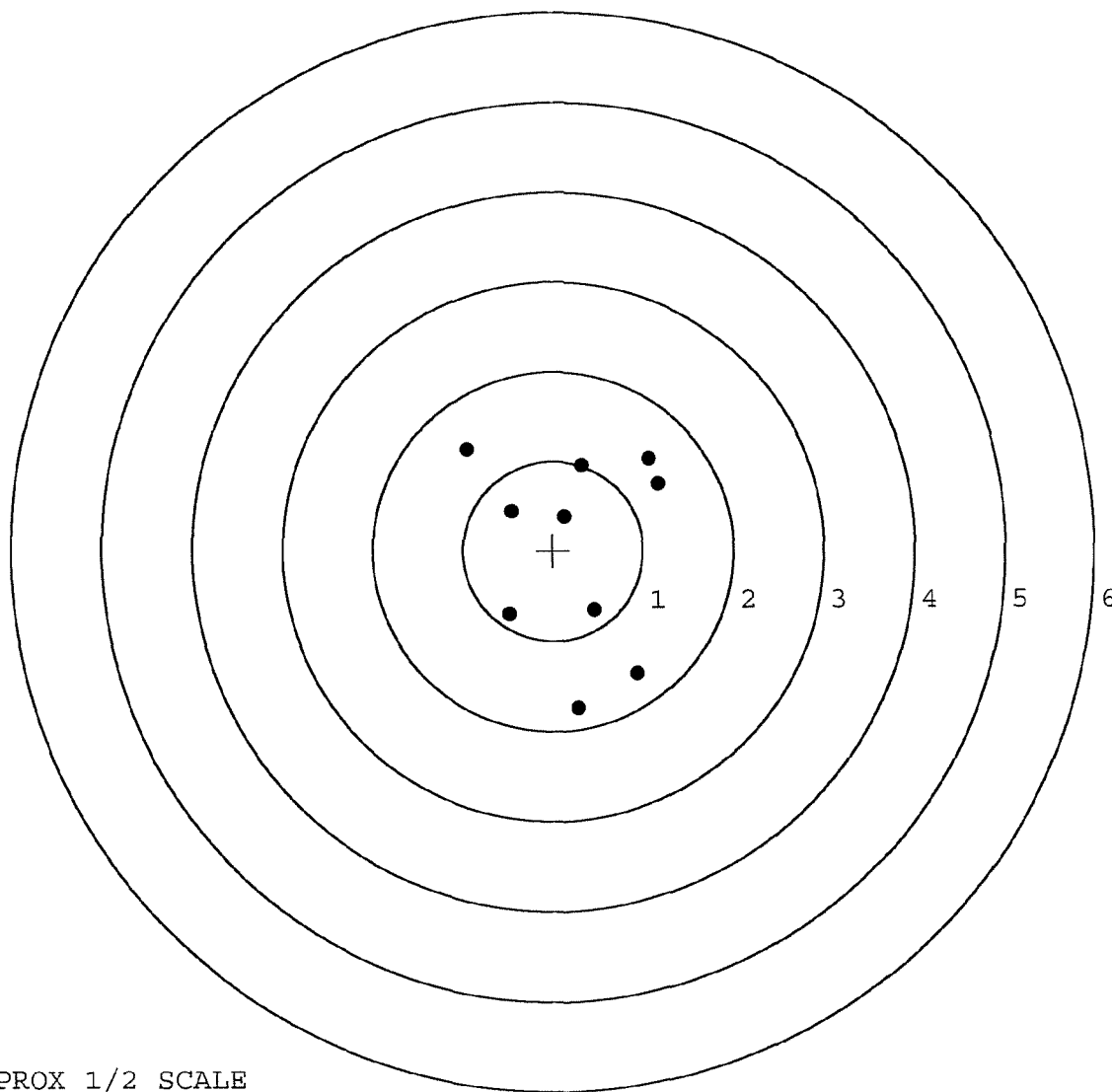


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498836. __0
TARGET NUMBER: 4
FILE DATE: 03/10/2005
FILE TIME: 07:48

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

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



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

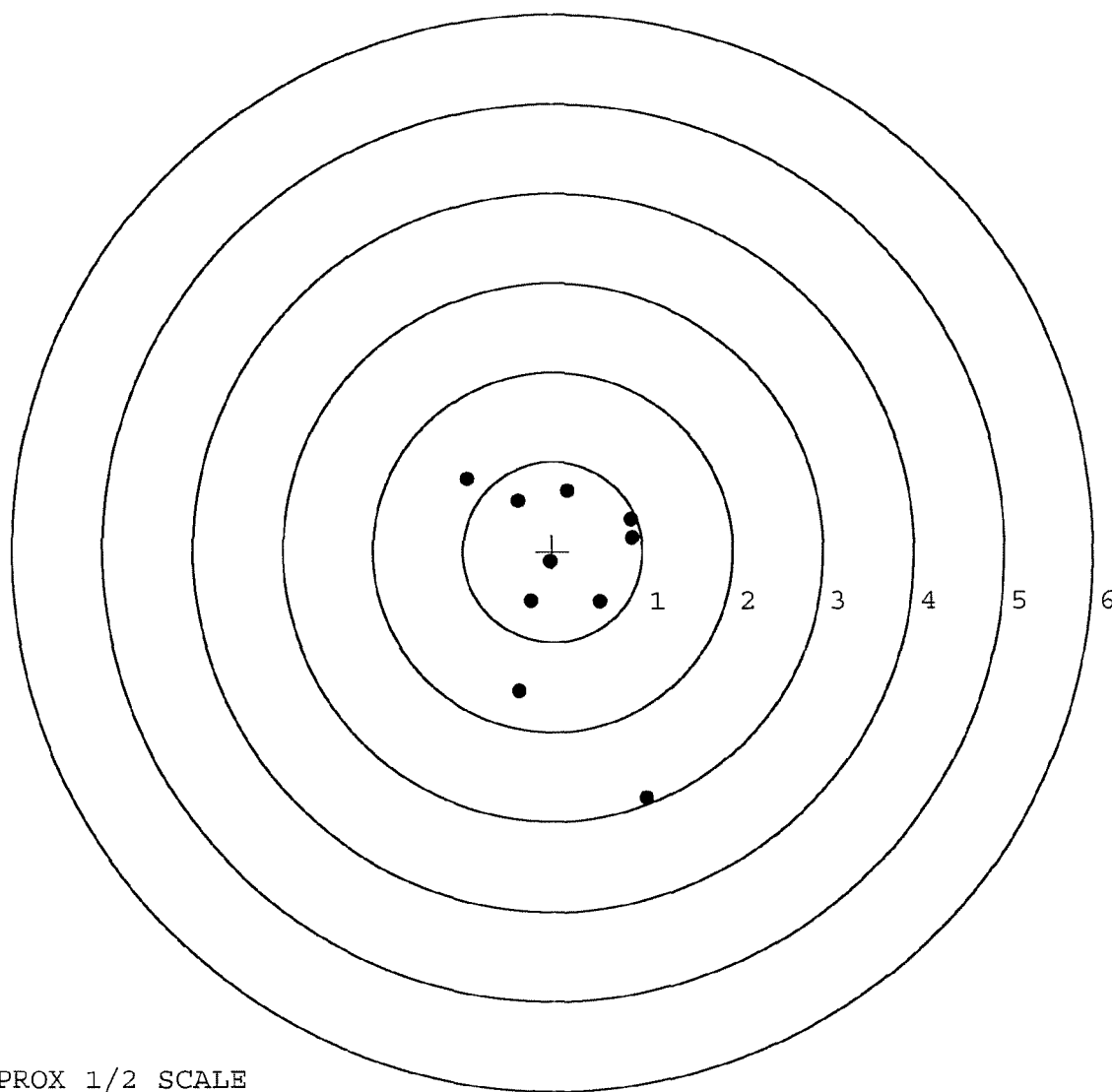
MEAN RADIUS: 1.053

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	MAGNA-FLUX INSPECTED AC
605	CHECK HEADSPACE	2-17-05	AC
610	DIS-ASSEMBLE GUN	2-17-05	RTZ
612	MAGNAFLUX		OPERATOR
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			

Remington



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

MODEL 700™ H24

SERIAL NO.

C6498836

ORDER NO.

5716

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

01



5716 C6498836

UPC



0 47700 25716 7

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400008673

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	RB
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

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

SWS TRIGGER PULL TEST

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

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

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

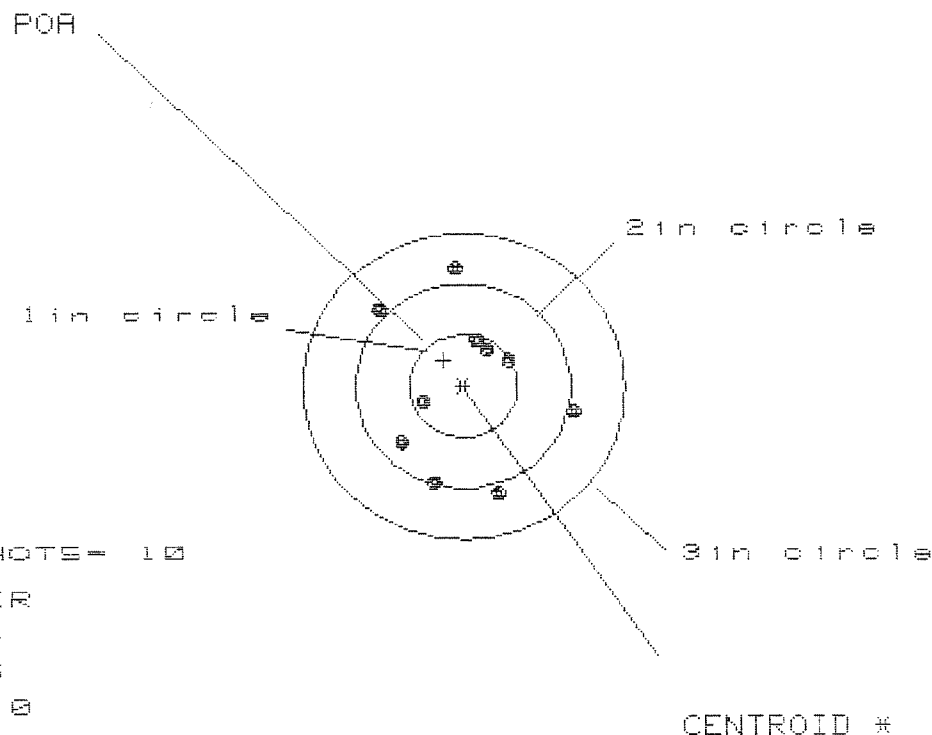
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0684
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.135
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .151339

THE AMR FOR THIS RIFLE IS: .8526

8 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C849B8836

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 4

2in = 5

3in = 10

HS= 1.792

VS= 2.145

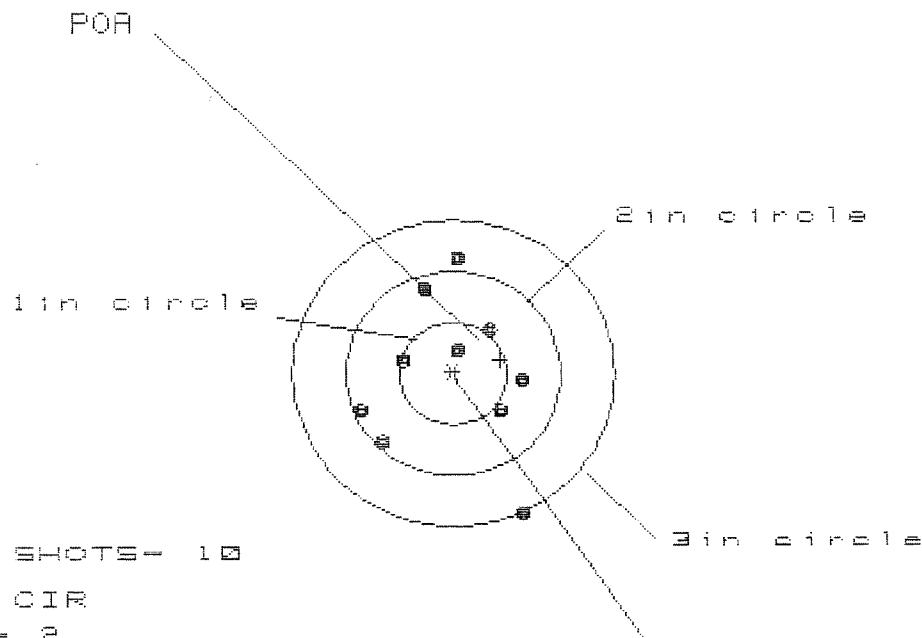
GS= 2.176

PATTERN #	:	1	9	8
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		

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 8

3in = 10

HE= 1.522

VS= 2.459

GS= 2.518

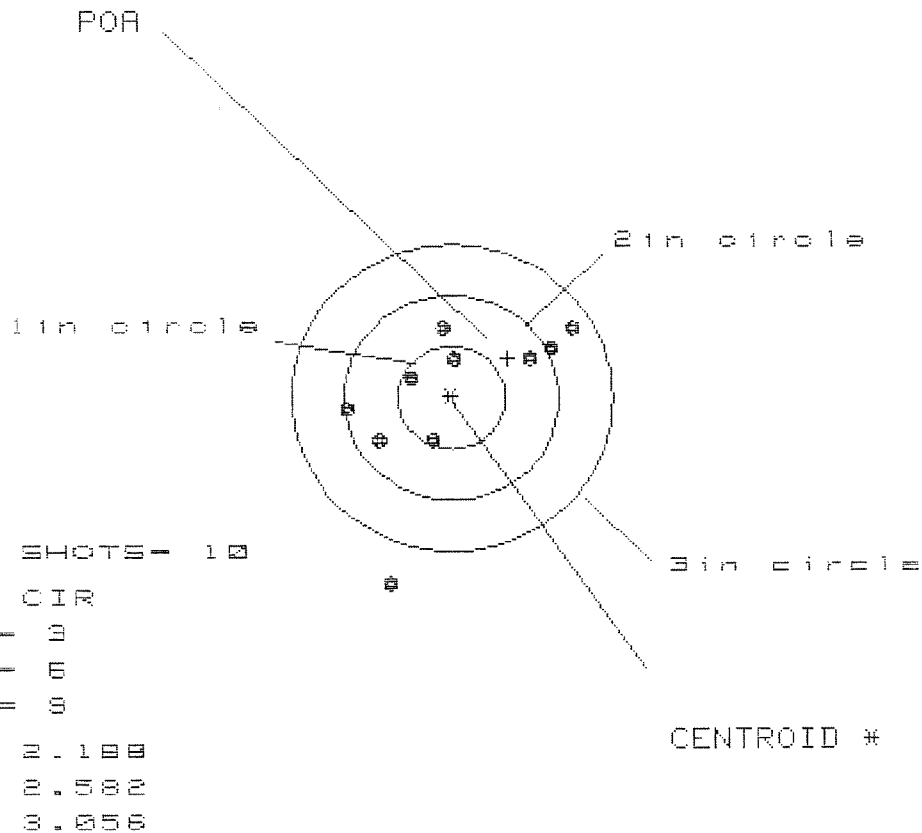
CENTROID #

PATTERN #	:	2	9	8
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
POR 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	

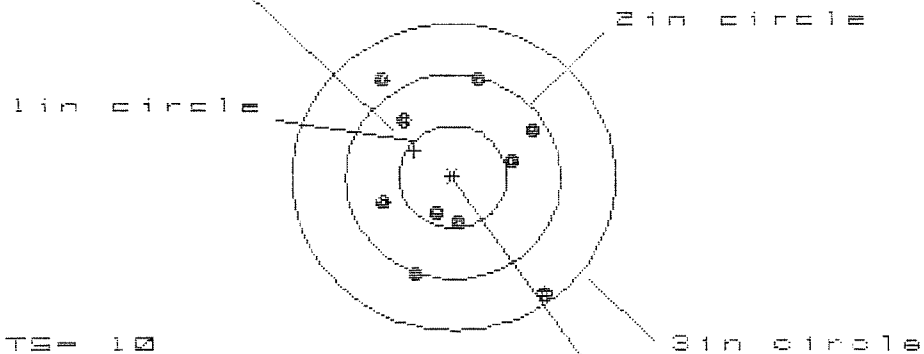
8 Jun 1998

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CENTERFIRE PATTERNS

4

FOR



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 6

3 in = 10

HS= 1.528

VS= 2.178

GS= 2.592

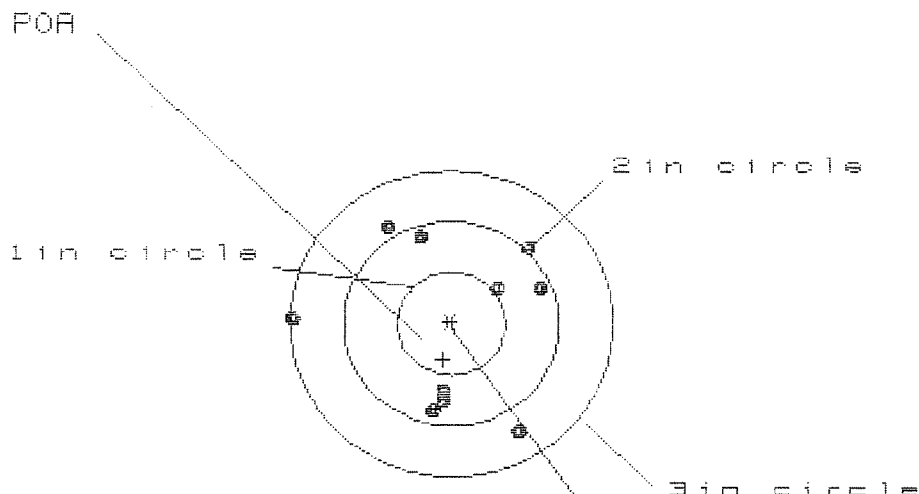
CENTROID *

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
FOR 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 = 6

3 in = 10

HS= 2.310

VS= 2.042

ES= 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	