

C6523439

MODEL 706™ M24

Model **SMS**™

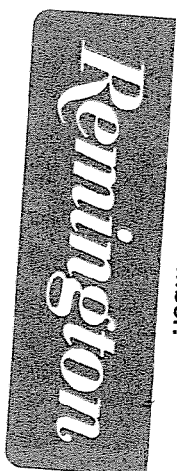
Action

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: RE00144832

Serial: C6523439 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: Closed 4/24/2008 10:56:47 AM

Verify Repair

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

naglelj

4/24/2008

12:25 PM

NUM



Serial Number: C6523439

Model: M24 SWS



RE00144832

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523439.___0

FILE DATE AND TIME: 05/20/2008 22:27

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.083
The Average Y Centroid of the Five Target Set:	0.035
The Average Point of Impact of the Five Target Set:	0.090
The Average Mean Radius of the Five Target Set:	0.760
The Distance from POA to Centroid Target #1:	0.185
The Distance from Centroid Target #2 to Centroid Target #1:	0.572
The Distance from Centroid Target #3 to Centroid Target #1:	0.252
The Distance from Centroid Target #4 to Centroid Target #1:	0.137
The Distance from Centroid Target #5 to Centroid Target #1:	0.280

SERIAL NUMBER: C6523439. __0

TARGET NUMBER: 1

FILE DATE: 05/20/2008

FILE TIME: 22:27

POINT#	X	Y
1:	0.111	0.464
2:	0.527	0.118
3:	1.383	0.019
4:	0.945	-0.523
5:	-0.569	-0.406
6:	-0.405	-0.109
7:	-0.614	0.665
8:	0.007	-1.393
9:	-1.349	1.291
10:	0.666	1.585

X CENTROID: 0.070

Y CENTROID: 0.171

POA TO CENTROID: 0.185

HORZ SPREAD: 2.732

VERT SPREAD: 2.978

GROUP SPREAD: 3.014

MIN RADIUS: 0.296

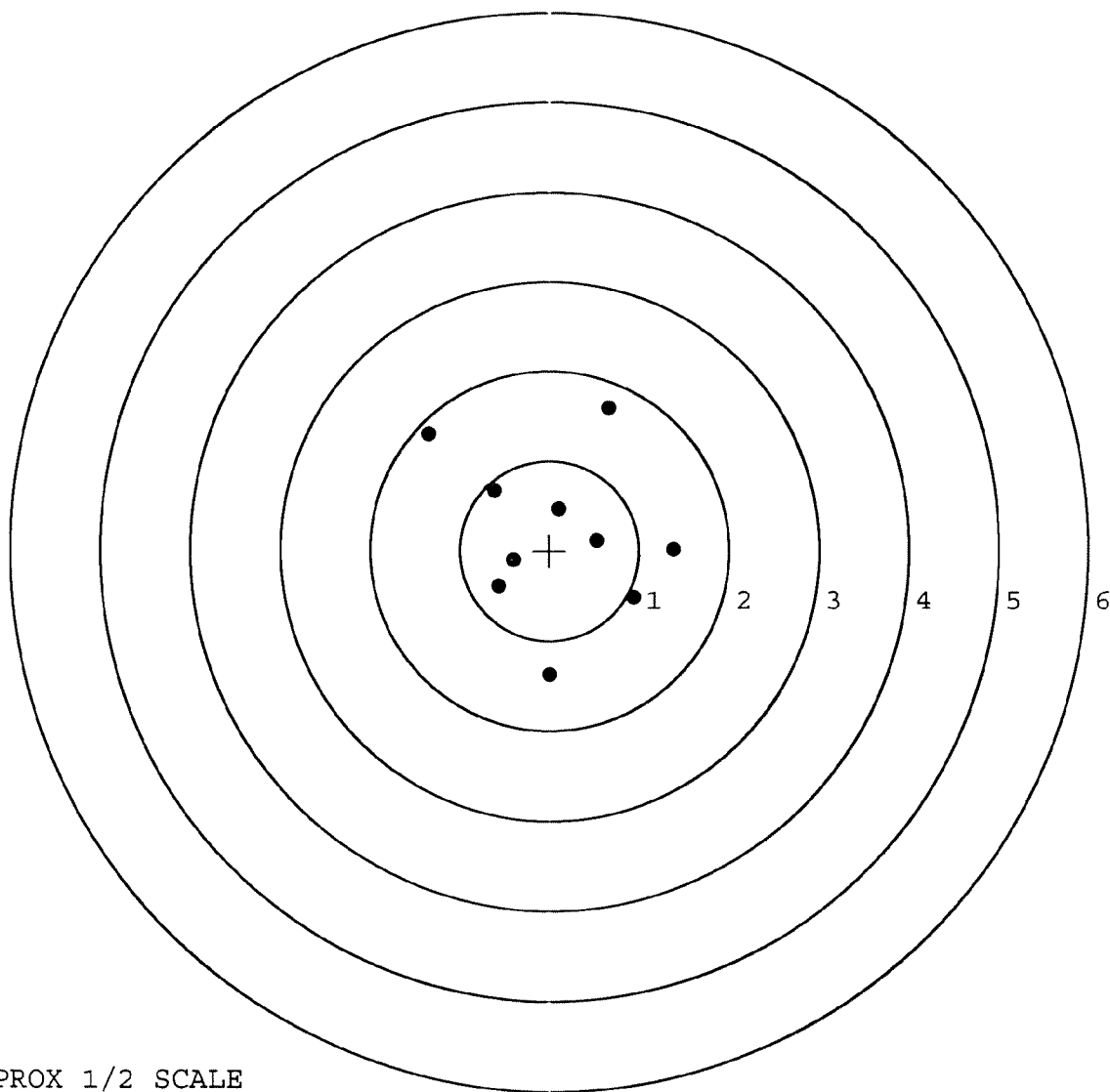
MAX RADIUS: 1.808

MEAN RADIUS: 1.036

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523439. __0

TARGET NUMBER: 2

FILE DATE: 05/20/2008

FILE TIME: 22:27

POINT#	X	Y
--------	---	---

1:	-0.077	0.940
----	--------	-------

2:	0.414	-0.048
----	-------	--------

3:	-0.504	0.190
----	--------	-------

4:	-0.620	0.058
----	--------	-------

5:	-0.348	-0.589
----	--------	--------

6:	-0.267	-0.457
----	--------	--------

7:	-0.020	-1.023
----	--------	--------

8:	0.159	-0.842
----	-------	--------

9:	0.300	-0.717
----	-------	--------

10:	0.176	-1.322
-----	-------	--------

X CENTROID: -0.079

Y CENTROID: -0.381

POA TO CENTROID: 0.389

HORZ SPREAD: 1.034

VERT SPREAD: 2.262

GROUP SPREAD: 2.276

MIN RADIUS: 0.203

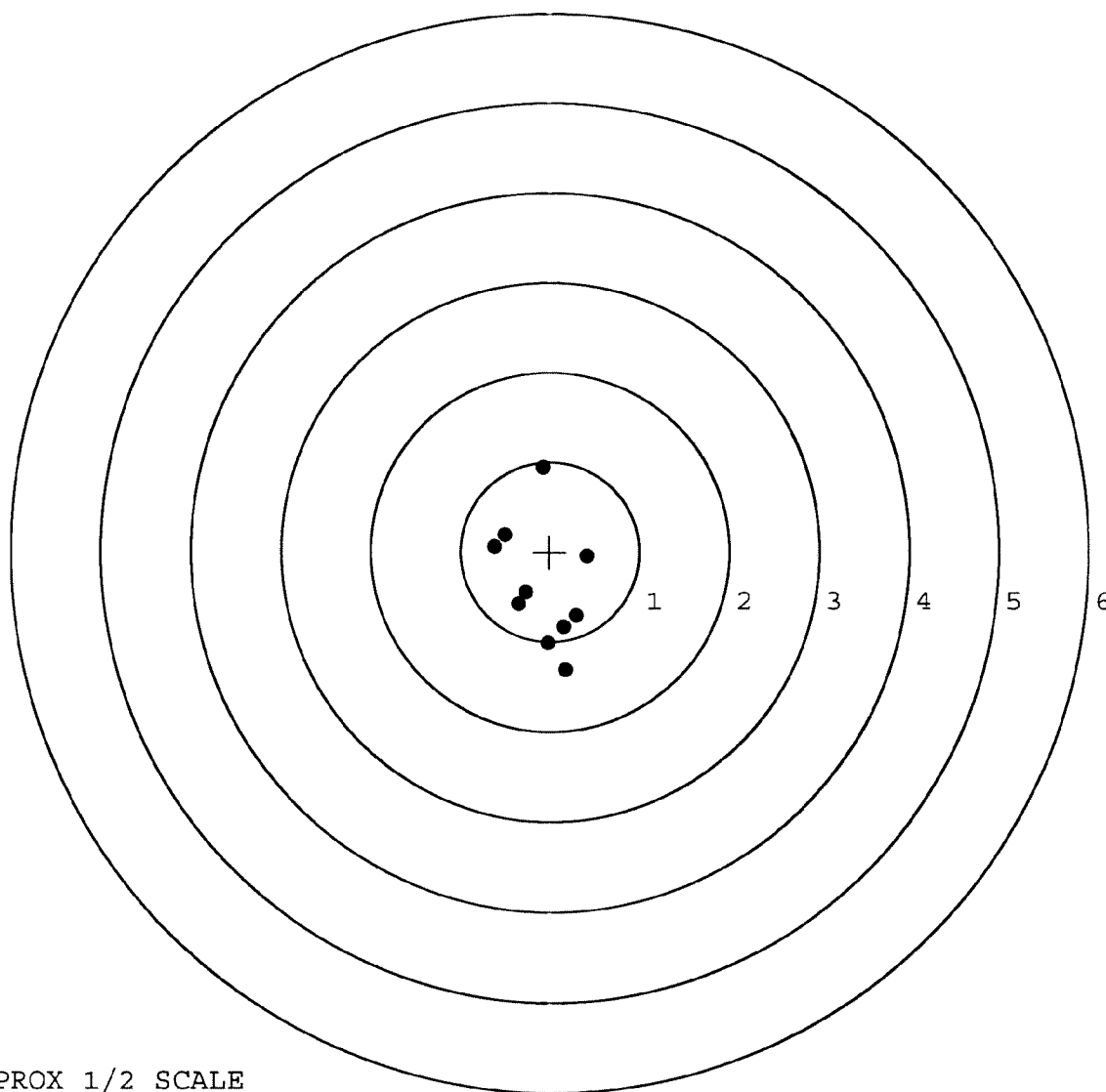
MAX RADIUS: 1.321

MEAN RADIUS: 0.651

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

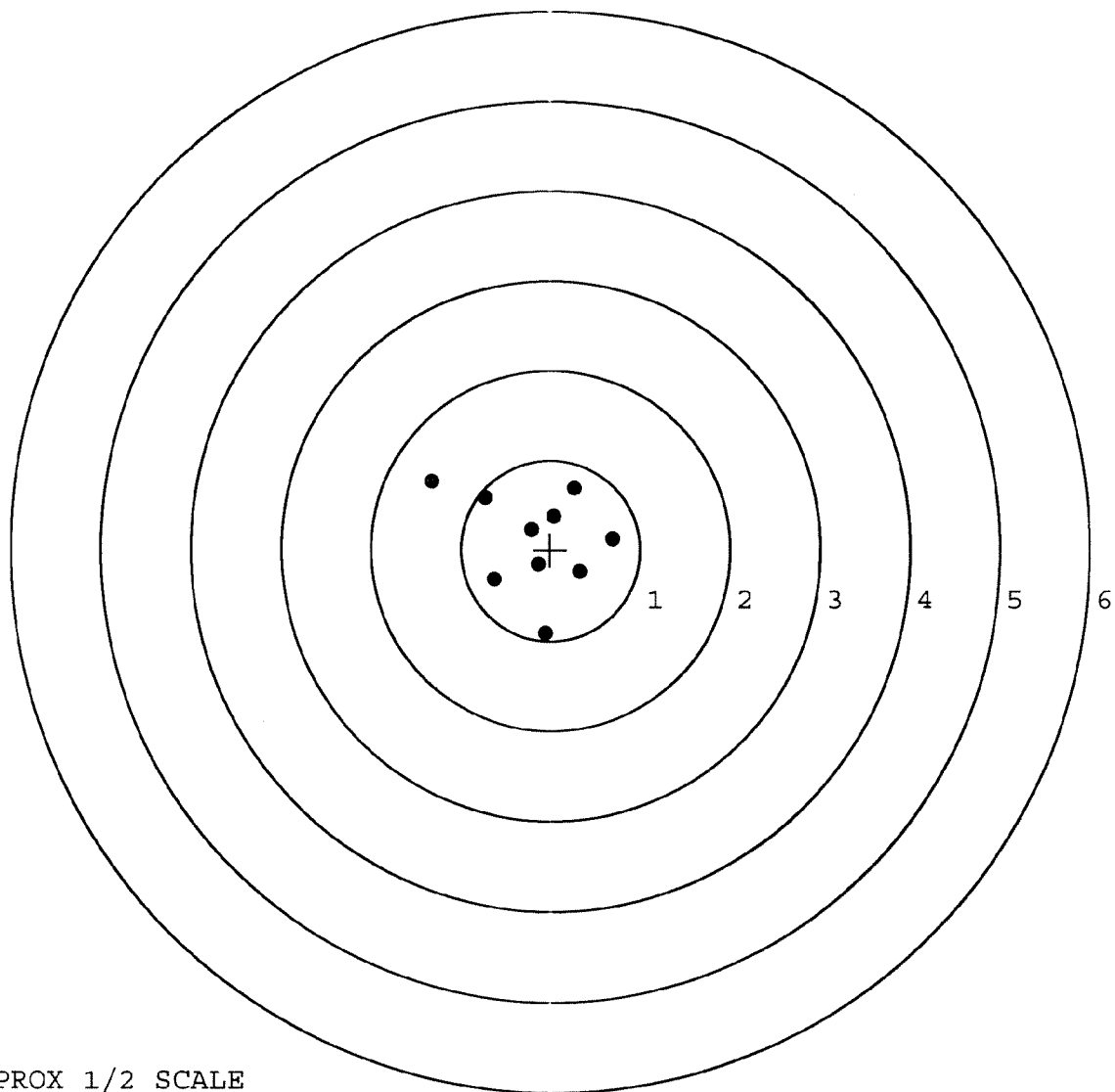


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523439. __0
 TARGET NUMBER: 3
 FILE DATE: 05/20/2008
 FILE TIME: 22:27

POINT#	X	Y
1:	0.271	0.684
2:	0.045	0.367
3:	-0.207	0.226
4:	-0.729	0.575
5:	-1.321	0.760
6:	-0.631	-0.331
7:	-0.139	-0.164
8:	0.333	-0.242
9:	0.695	0.121
10:	-0.057	-0.921

X CENTROID: -0.174
 Y CENTROID: 0.107
 POA TO CENTROID: 0.205
 HORZ SPREAD: 2.016
 VERT SPREAD: 1.681
 GROUP SPREAD: 2.115
 MIN RADIUS: 0.123
 MAX RADIUS: 1.320
 MEAN RADIUS: 0.666
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523439. 0

TARGET NUMBER: 4

FILE DATE: 05/20/2008

FILE TIME: 22:27

POINT#	X	Y
1:	0.066	0.682
2:	0.574	0.578
3:	0.473	0.303
4:	-0.051	0.291
5:	-0.474	-0.219
6:	-0.616	0.391
7:	-0.436	0.442
8:	0.240	-0.194
9:	0.198	-0.554
10:	-0.234	-0.990

X CENTROID: -0.026

Y CENTROID: 0.073

POA TO CENTROID: 0.077

HORZ SPREAD: 1.190

VERT SPREAD: 1.672

GROUP SPREAD: 1.764

MIN RADIUS: 0.219

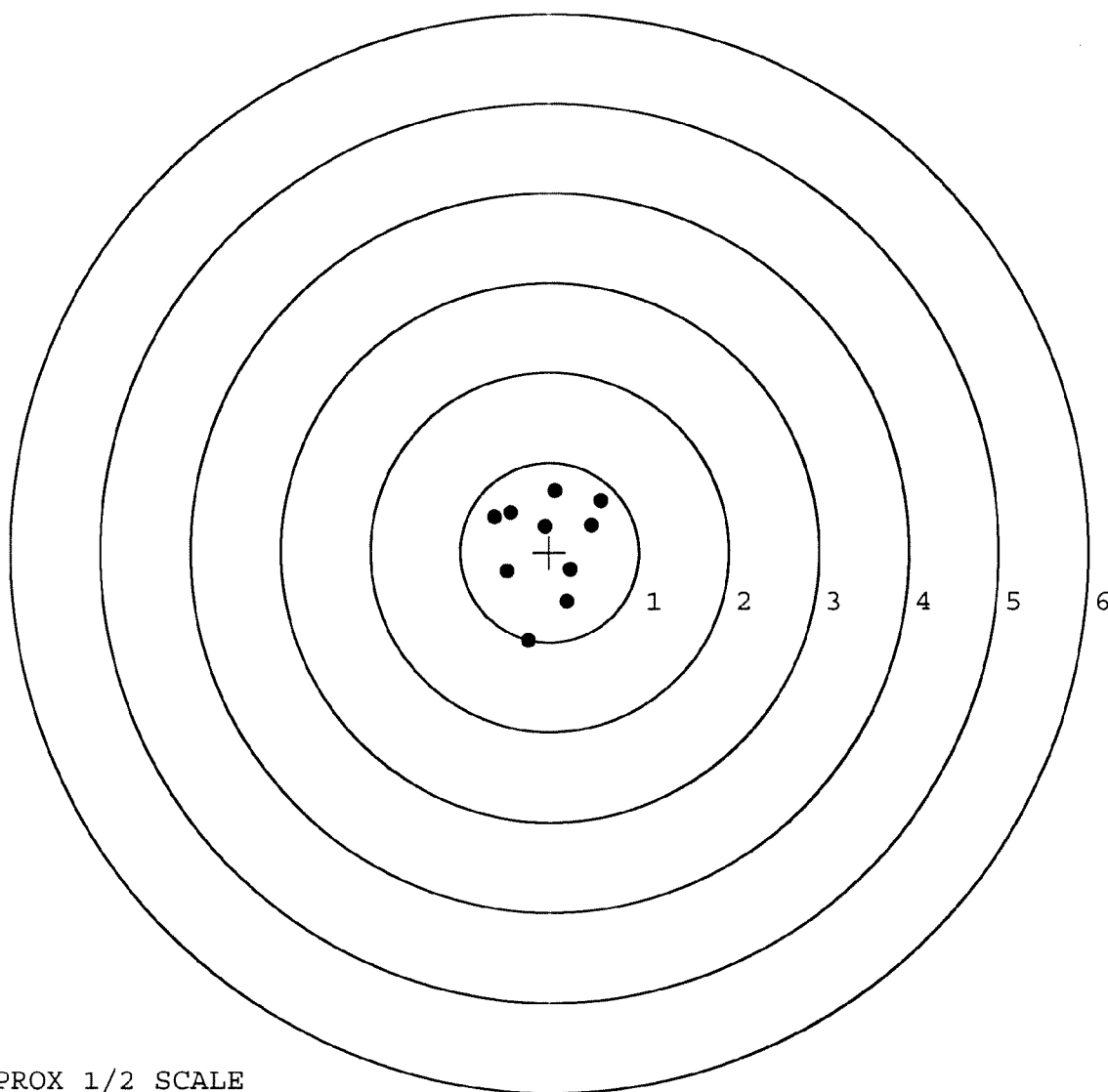
MAX RADIUS: 1.083

MEAN RADIUS: 0.605

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523439. __0

TARGET NUMBER: 5

FILE DATE: 05/20/2008

FILE TIME: 22:27

POINT#	X	Y
1:	0.002	0.005
2:	-0.049	1.304
3:	-0.446	1.191
4:	0.715	0.956
5:	-1.181	0.756
6:	-0.013	0.355
7:	-0.361	-0.016
8:	-0.281	-0.512
9:	0.029	-0.777
10:	-0.496	-1.239

X CENTROID: -0.208

Y CENTROID: 0.202

POA TO CENTROID: 0.290

HORZ SPREAD: 1.896

VERT SPREAD: 2.543

GROUP SPREAD: 2.582

MIN RADIUS: 0.248

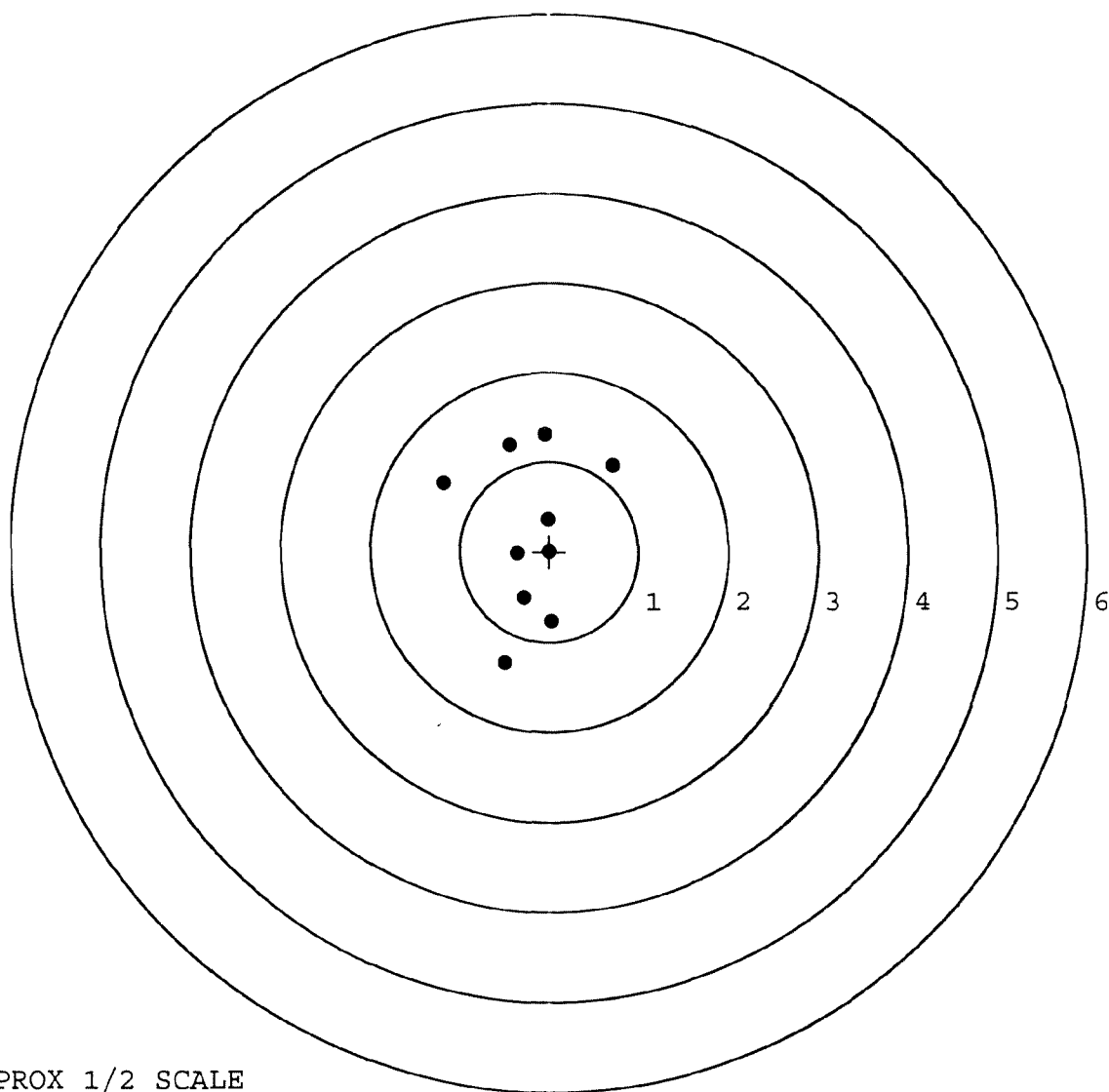
MAX RADIUS: 1.470

MEAN RADIUS: 0.844

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER 00144832

SERIAL NUMBER C6523439

LOG-IN DATE 4-24-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	5-2-08	RP
505	RE-BARREL	5-6-08	RTZ
560	ASSEMBLE	5-6-08	RTZ
600	PROOF	5-7-08	TRW
605	CHECK HEADSPACE	5-7-08	TRW
610	DIS-ASSEMBLE GUN	5-7-08	RTZ
612	MAGNAFLUX	5/8/08	Wmms
510	DRILL AND TAP	5-7-08	TRW
615	ROLLMARK CALIBER	5-7-08	CW
618	ROTO-BLAST	5-9-08	DG
620	APPLY COATINGS	5/19/08	COI
625	FINAL ASSEMBLY	5-20-08	RTZ
640	FUNCTION TEST AND	5-20-08	SD
650	TARGET	5-20-08	SD
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	5-20-08	RP
	A) HEADSPACE	5/23/08	Fm
		5/23/08	Fm
	B) TRIGGER PULL	2.58 2.49 2.44 2.45 2.46 5-22-08	TRW
680	F) SAFETY ON FORCE	4- 5- 4.5 5/23/08	Fm
	G) SAFETY OFF FORCE	2- 2- 2- 5/23/08	Fm
	I) FIRING PIN INDENT	.021 .021 .021 5/23/08	Fm
690	PACK	5/29/08	Fm

Serial Number: C6523439

Model: M24 SWS



RE00106033

NMP COPY 2

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523439.___0

FILE DATE AND TIME: 01/18/2006 14:29

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.073
The Average Y Centroid of the Five Target Set:	-0.100
The Average Point of Impact of the Five Target Set:	0.124
The Average Mean Radius of the Five Target Set:	0.883
The Distance from POA to Centroid Target #1:	0.139
The Distance from Centroid Target #2 to Centroid Target #1:	0.213
The Distance from Centroid Target #3 to Centroid Target #1:	0.074
The Distance from Centroid Target #4 to Centroid Target #1:	0.226
The Distance from Centroid Target #5 to Centroid Target #1:	0.134

SERIAL NUMBER: C6523439.____0

TARGET NUMBER: 1

FILE DATE: 01/18/2006

FILE TIME: 14:29

POINT#	X	Y
1:	0.809	-1.936
2:	-1.293	-1.360
3:	-0.716	-0.713
4:	0.403	-0.614
5:	0.537	-0.293
6:	0.065	0.019
7:	-0.485	0.052
8:	-0.162	0.808
9:	0.215	1.460
10:	0.848	1.208

X CENTROID: 0.022

Y CENTROID: -0.137

POA TO CENTROID: 0.139

HORZ SPREAD: 2.141

VERT SPREAD: 3.396

GROUP SPREAD: 3.448

MIN RADIUS: 0.162

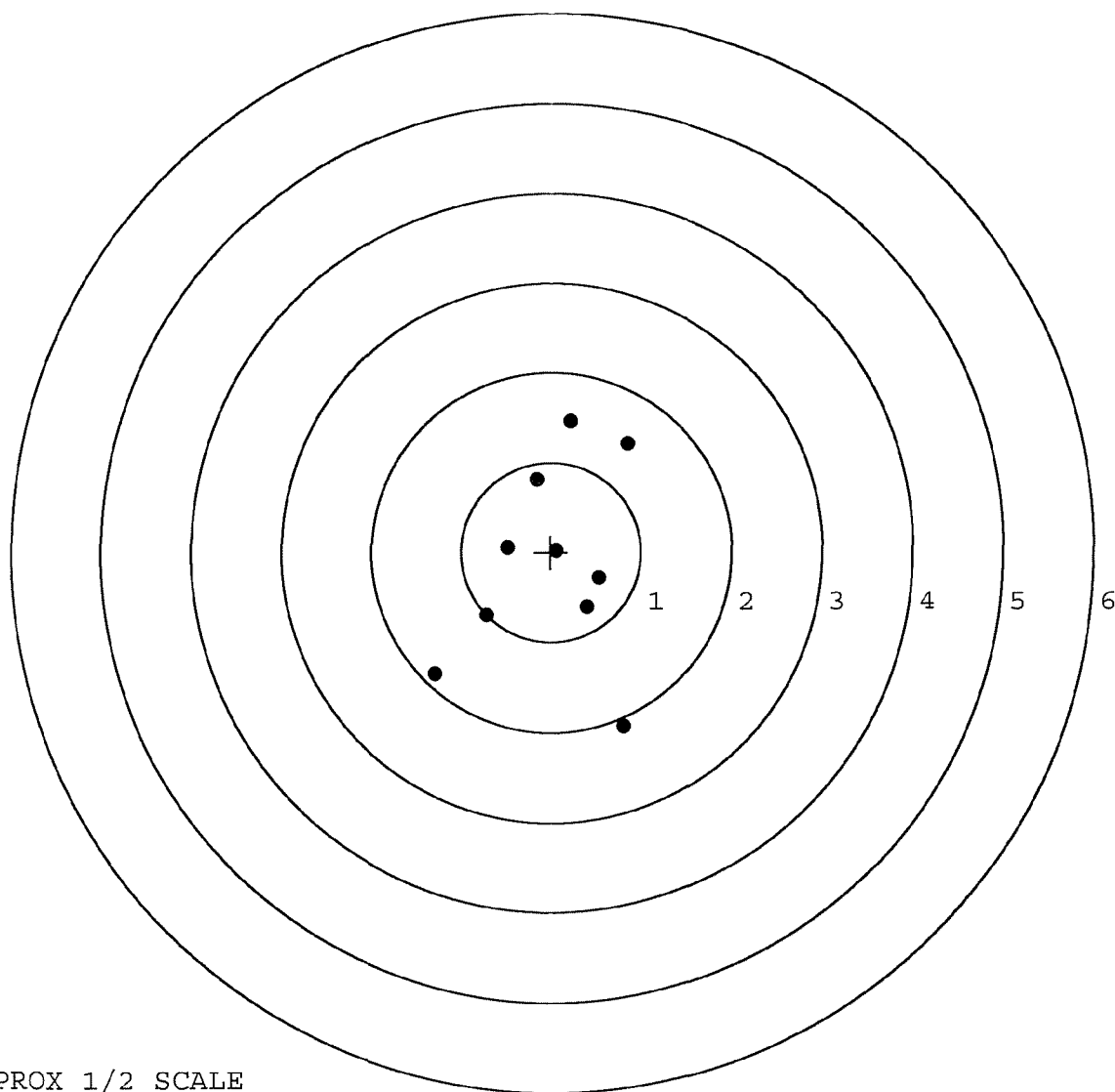
MAX RADIUS: 1.964

MEAN RADIUS: 1.070

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 6



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523439. __0

TARGET NUMBER: 2

FILE DATE: 01/18/2006

FILE TIME: 14:29

POINT#	X	Y
--------	---	---

1:	0.702	0.883
----	-------	-------

2:	0.210	0.441
----	-------	-------

3:	-0.432	0.499
----	--------	-------

4:	-0.313	-0.602
----	--------	--------

5:	0.119	-0.509
----	-------	--------

6:	0.314	-0.260
----	-------	--------

7:	-0.258	0.071
----	--------	-------

8:	-0.029	0.189
----	--------	-------

9:	0.164	0.114
----	-------	-------

10:	0.064	-0.091
-----	-------	--------

X CENTROID: 0.054

Y CENTROID: 0.073

POA TO CENTROID: 0.091

HORZ SPREAD: 1.134

VERT SPREAD: 1.485

GROUP SPREAD: 1.799

MIN RADIUS: 0.117

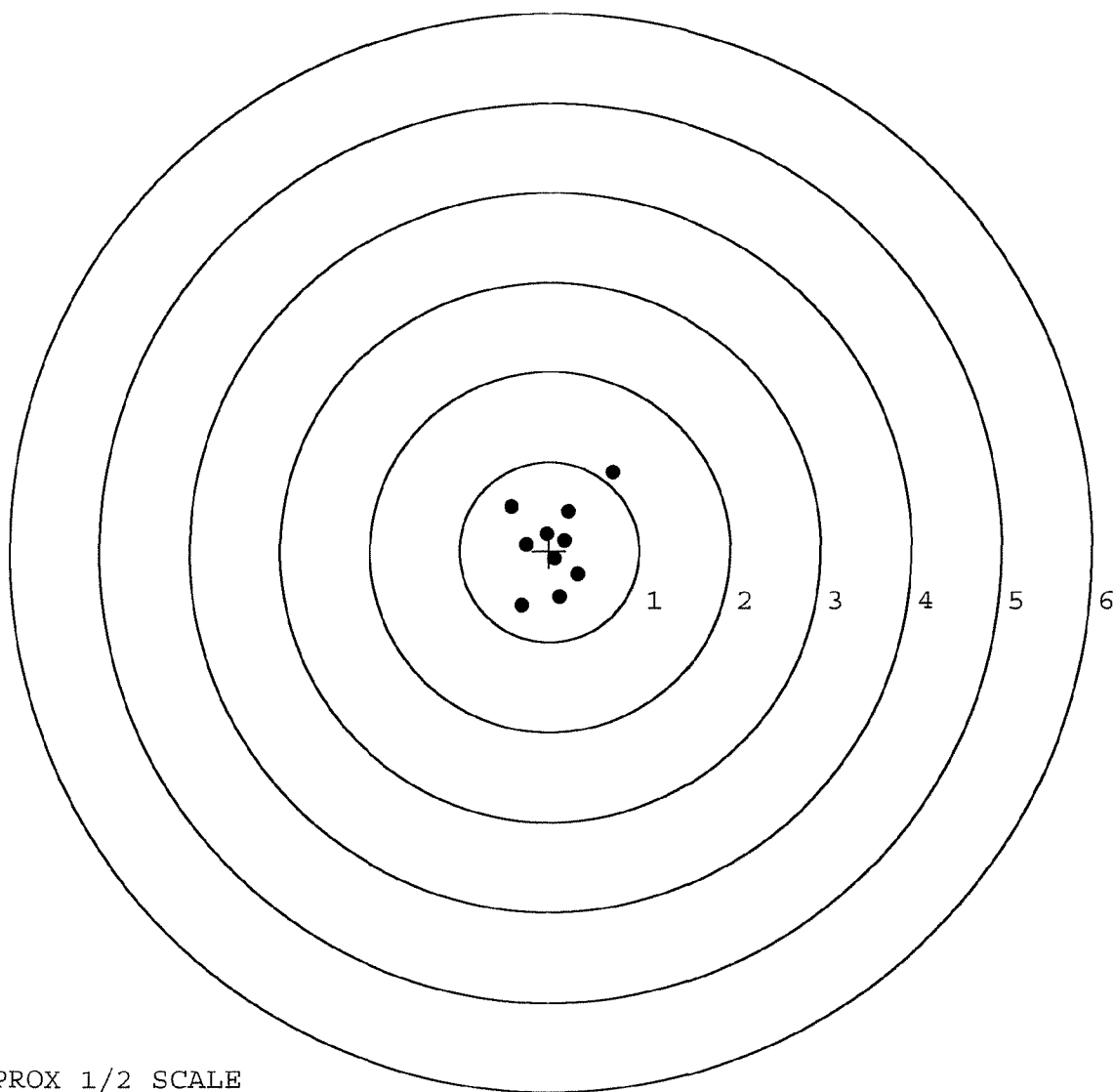
MAX RADIUS: 1.037

MEAN RADIUS: 0.460

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523439. __0

TARGET NUMBER: 3

FILE DATE: 01/18/2006

FILE TIME: 14:29

POINT#	X	Y
1:	1.402	-0.960
2:	0.599	-1.262
3:	0.103	-1.374
4:	0.050	-0.712
5:	1.044	0.098
6:	0.094	0.520
7:	-0.502	-0.397
8:	-0.877	0.185
9:	-0.748	0.921
10:	-0.345	1.179

X CENTROID: 0.082

Y CENTROID: -0.180

POA TO CENTROID: 0.198

HORZ SPREAD: 2.279

VERT SPREAD: 2.553

GROUP SPREAD: 2.857

MIN RADIUS: 0.533

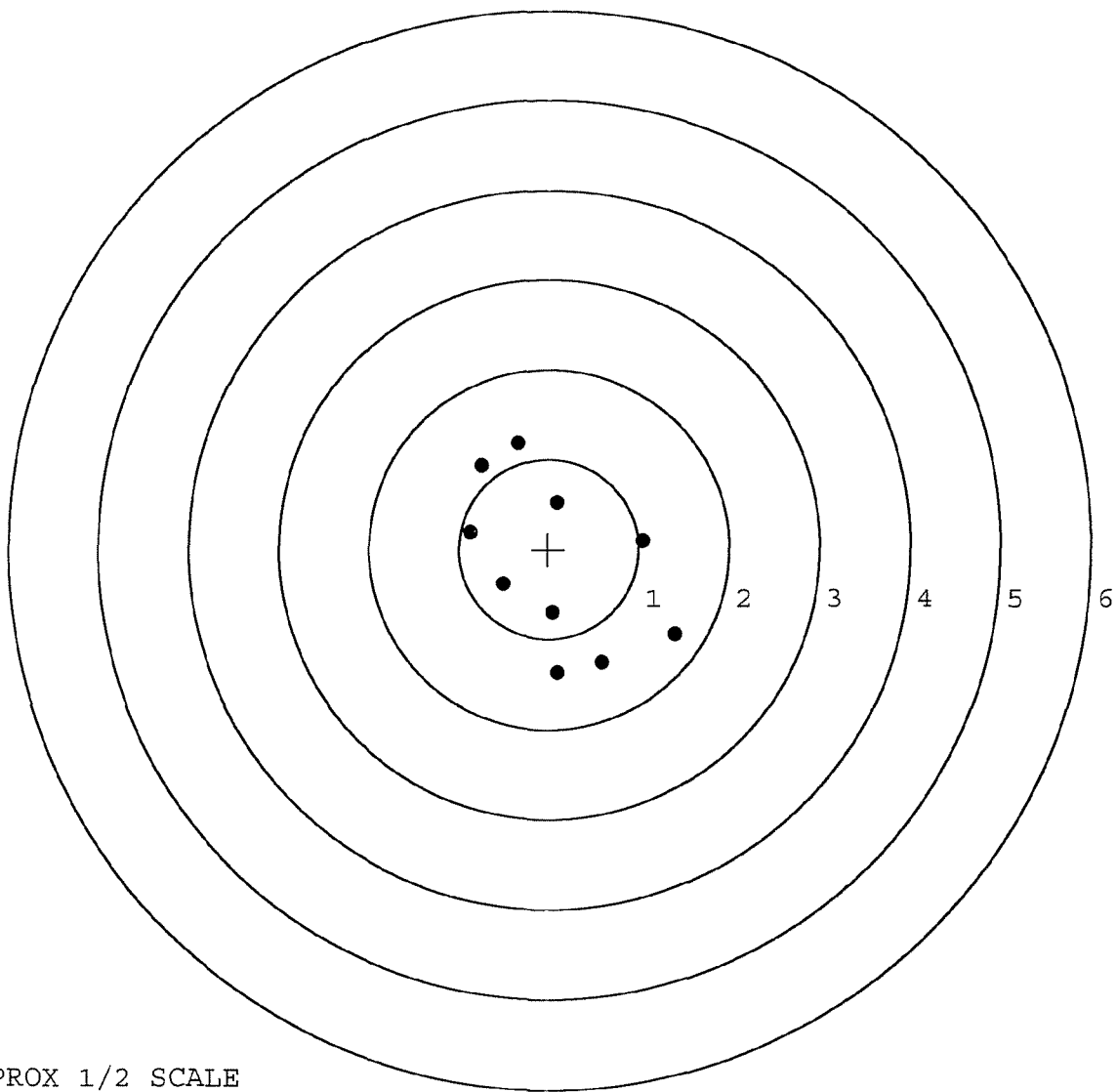
MAX RADIUS: 1.533

MEAN RADIUS: 1.061

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 3

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523439. __ 0

TARGET NUMBER: 4

FILE DATE: 01/18/2006

FILE TIME: 14:29

POINT#	X	Y
--------	---	---

1:	1.887	-1.290
----	-------	--------

2:	1.239	0.471
----	-------	-------

3:	0.186	1.000
----	-------	-------

4:	0.357	0.506
----	-------	-------

5:	0.012	0.318
----	-------	-------

6:	0.191	-0.453
----	-------	--------

7:	0.136	-1.606
----	-------	--------

8:	-0.299	-0.700
----	--------	--------

9:	-0.481	-0.148
----	--------	--------

10:	-1.059	-0.606
-----	--------	--------

X CENTROID: 0.217

Y CENTROID: -0.251

POA TO CENTROID: 0.332

HORZ SPREAD: 2.946

VERT SPREAD: 2.606

GROUP SPREAD: 3.024

MIN RADIUS: 0.204

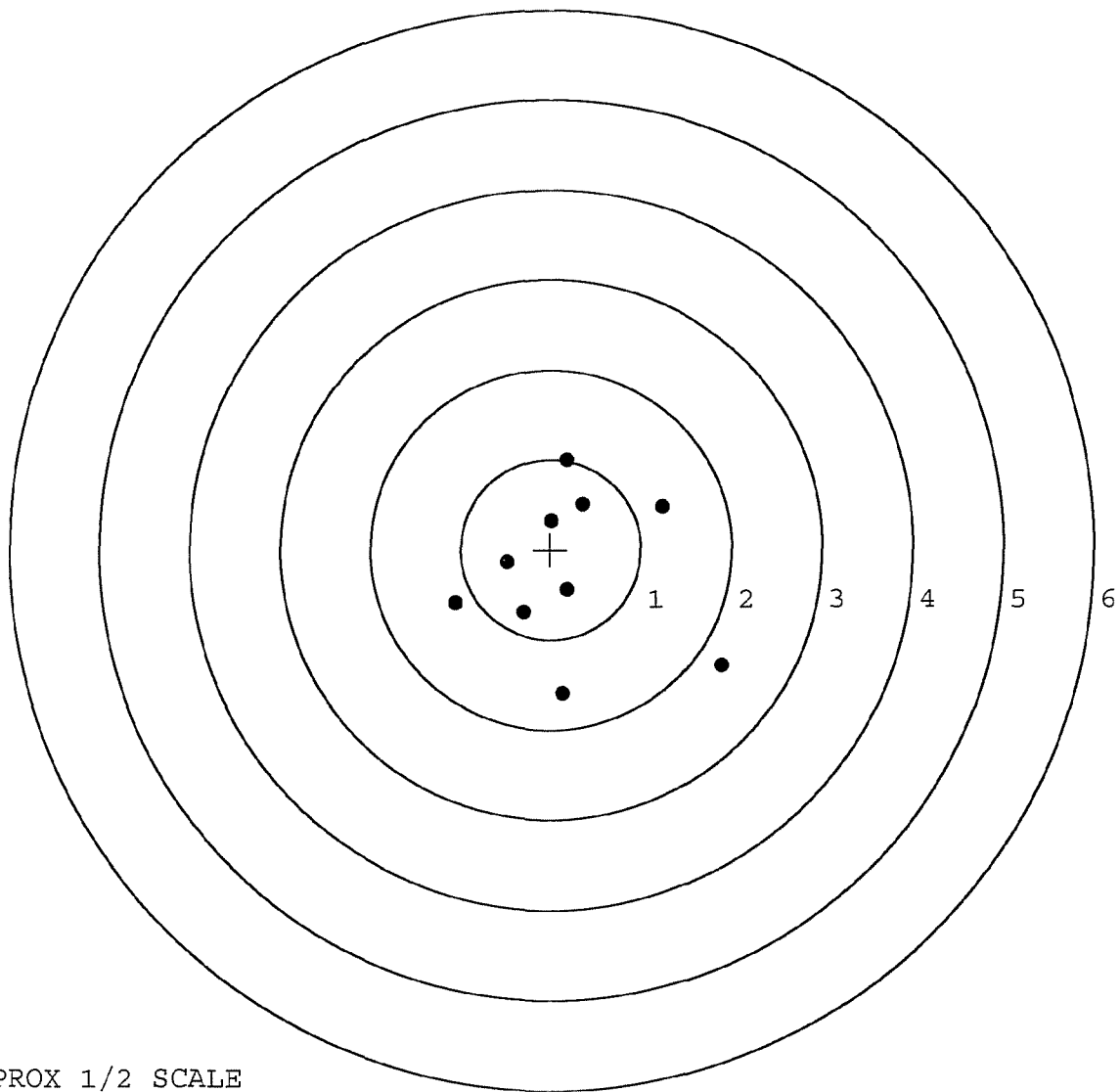
MAX RADIUS: 1.967

MEAN RADIUS: 1.012

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 9

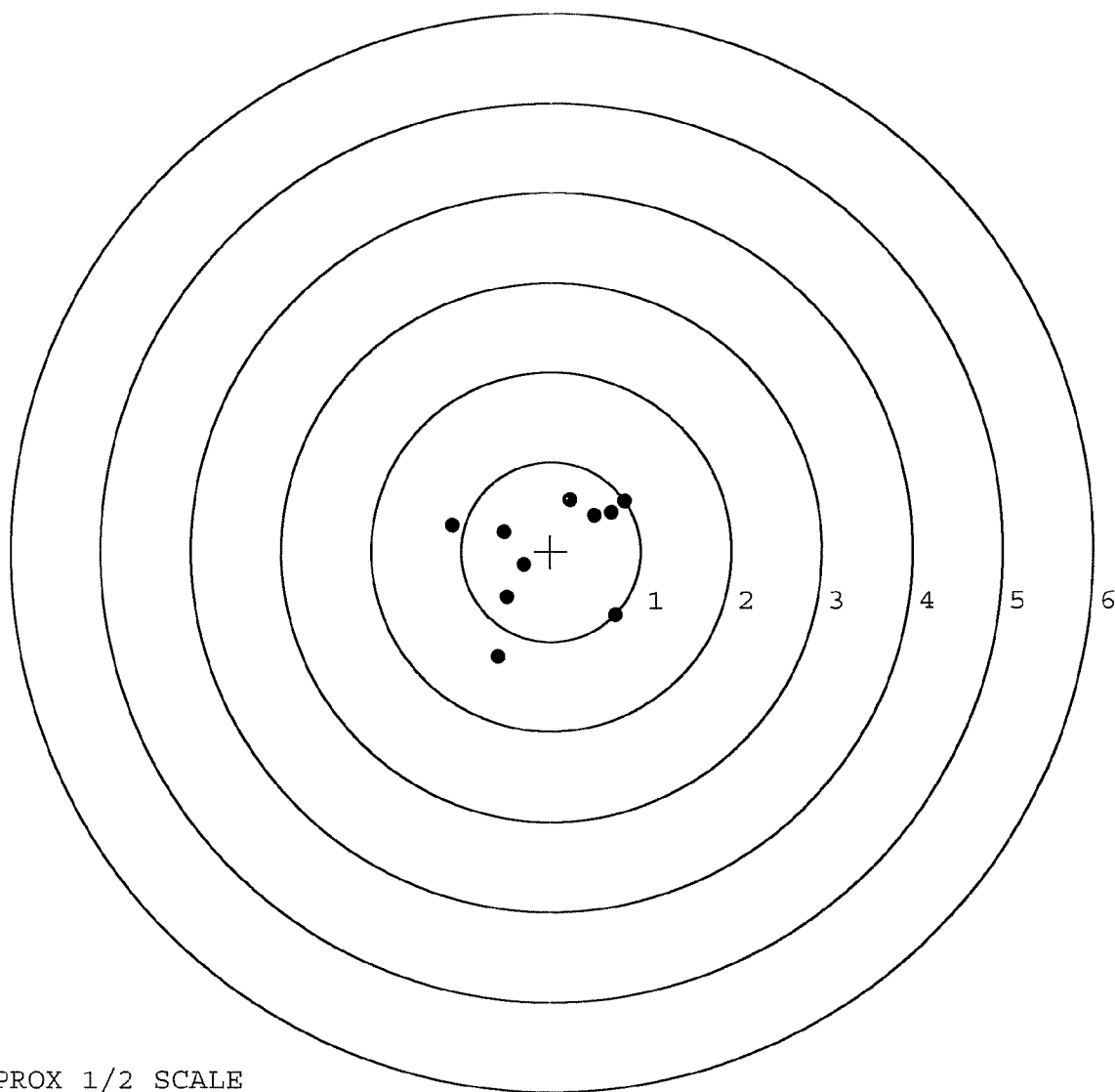


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523439. 0
TARGET NUMBER: 5
FILE DATE: 01/18/2006
FILE TIME: 14:29

POINT#	X	Y
1:	0.725	-0.710
2:	-0.593	-1.177
3:	-0.487	-0.512
4:	-0.304	-0.147
5:	-1.096	0.287
6:	-0.521	0.218
7:	0.218	0.577
8:	0.481	0.402
9:	0.823	0.562
10:	0.676	0.439

X CENTROID: -0.008
Y CENTROID: -0.006
POA TO CENTROID: 0.010
HORZ SPREAD: 1.919
VERT SPREAD: 1.754
GROUP SPREAD: 2.243
MIN RADIUS: 0.328
MAX RADIUS: 1.309
MEAN RADIUS: 0.812
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	106633			
SERIAL NUMBER	C6523439			
LOG-IN DATE	1-4-06			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		1-5-06	RTZ
505	RE-BARREL		1-6-06	RTZ
560	ASSEMBLE		1-6-06	RTZ
600	PROOF	MAGNA-FLUX INSPECTED JAN 10 2006	1-6-06	BG
605	CHECK HEADSPACE		1-6-06	AC
610	DIS-ASSEMBLE GUN		1-6-06	AC
612	MAGNAFLUX	OPERATOR <u>crumb</u>	1/10/06	<u>crumb</u>
510	DRILL AND TAP		1-10-06	TRW
615	ROLLMARK CALIBER		1-10-06	CW
618	ROTO-BLAST		1-10-06	UR
620	APPLY COATINGS		1/11	HP
625	FINAL ASSEMBLY		1-16-06	RTZ
640	FUNCTION TEST AND	PASS FAIL	1-18-06	TRW
650	TARGET	PASS FAIL		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	1-18-06	TRW
670	FINAL INSPECTION		1-23-06	AC
	A) HEADSPACE	PASS FAIL	1-23-06	AC
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS		N/A
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS	5 lbs 5 lbs 5 lbs	A
	G) SAFETY OFF FORCE	2 LBS MAX	3 lbs 3 lbs 3 lbs	A
	I) FIRING PIN INDENT	.020		
690	PACK		1-24-06	RTZ

Remington



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

MODEL 700™ H24

SERIAL NO.
C6523439

ORDER NO.
5716

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

01



5716 C6523439

UPC



0 47700 25716 7

L13

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6523439

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/1/90	KL
600	Proof		10/1/90	KL
607	Check Headspace		10/1/90	KL
610	Dis-assemble Gun		10/1/90	KL
612	Magnaflux Barrel Action		10/3/90	KR
	Magnaflux Bolt		10/3/90	KR
615	Rollmark Caliber		10/3/90	HA
617	Drill and Tap Sight Holes		10/4/90	WB
618	Polish Barrel RUB		10/5/90	WB
620	Apply Coatings (Barrel Action)		10-20-90	HA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/6/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/6/90	WB
	C) Inspect Ejector Hole for Chamfer		10/6/90	WB
	D) Oil Firing Pin Ass'y		10/6/90	WB
	E) Adjust Trigger Pull to Min Setting and Stake		10/23/90	HA

op. #	OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	4	4 1/2	4 1/2	10/24/90	WB		
	G) Safety Off Force	2 1/2	2 1/2	2 1/2	10/24/90	WB		
	H) Trigger Pull Test & Retainability				10/23/90	JH		
	I) Firing Pin Indent	.021	.0215	.0215	10/24/90	WB		
	J) Assemble Stock				10/25/90	KA		
	K) Assemble Swivel Studs				11-20-90	JS		
	L) Attach Front and Rear Sight Assemblies				10/25/90	KA		
	M) Iron Sight Alignment				10/25/90	KA		
	N) Detach Front & Rear Sights & place in numbered container				10/25/90	KA		
	O) Attach Scope to Rifle				10/25/90	KA		
	P) Detach & Attach Scope 20 Times				10/25/90	KA		
640	Gallery Target & Test				10-26-90	KT		
	A) Time				10-26-90	KT		
	B) Malfunctions				10-26-90	KT		
	C) Pierced Primers				10-26-90	KT		
	D) Optical Clarity of Scope				10-26-90	KT		
645	Inspect for Live Ammo				10-26-90	KT		
655	Final Inspection							
	A) Headspace				11-20-90	JS		
	B) Trigger Pull	274	273	268	265	256	11-20-90	JS
	C) Function						11-20-90	JS
660	Pack						12/14/90	VF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6523439

DATE 10/23/90

TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.20	2.25	2.22	2.74	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.21	2.24	2.21	2.73	
PULL #3	2.22	2.33	2.20	2.68	
PULL #4	2.36	2.29	2.28	2.65	
PULL #5	2.23	2.18	2.20	2.56	
TOTAL	11.22	11.29	11.11		
AVG.	2.244	2.258	2.222		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.50	3.37		
PULL #2	3.21	3.22		
PULL #3	3.51	3.41		
PULL #4	3.35	3.37		
PULL #5	3.32	3.44		
TOTAL	16.89	16.81		
AVG.	3.378	3.362		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.22	4.26		4.43
PULL #2	4.42	4.29		4.44
PULL #3	4.50	4.32		4.42
PULL #4	4.14	4.23		4.23
PULL #5	4.50	4.23		4.30
TOTAL	21.78	21.33		21.82
AVG.	4.356	4.266		4.364

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523439
26 Oct 1990

CENTROIDAL DISTANCES

0 TO	1	.239153
1 TO	2	.240244
1 TO	3	.0657951
1 TO	4	.385924
1 TO	5	.503532

σ^2 <----POA

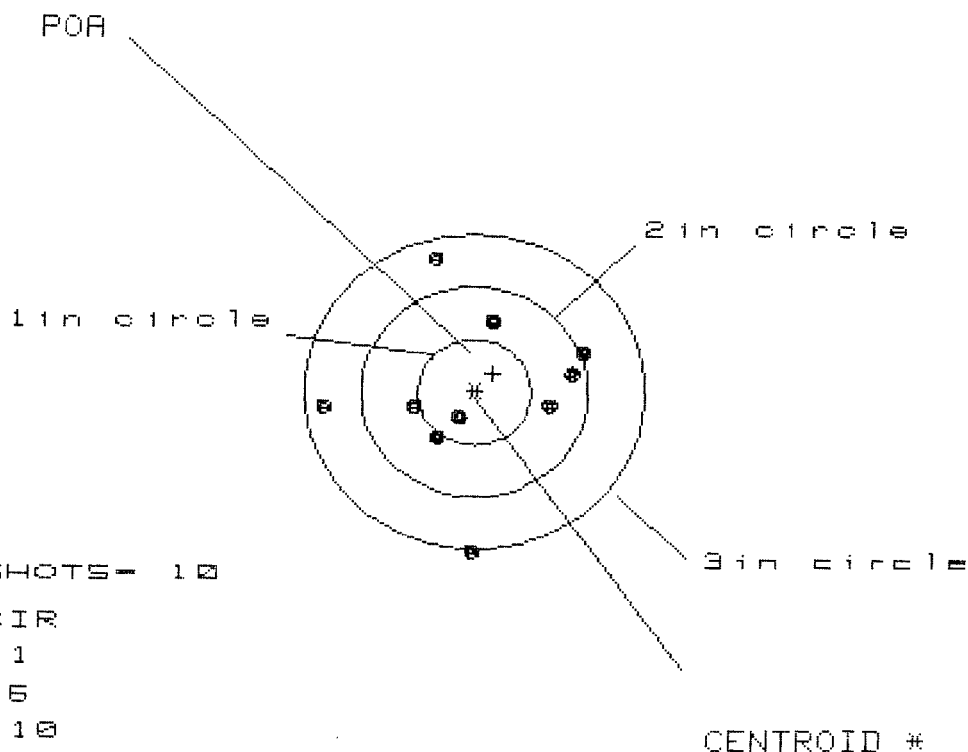
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.051
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0292
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0587677

THE AMR FOR THIS RIFLE IS: .899

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CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1in = 1

2in = 5

3in = 10

HS= 2.227

VS= 2.731

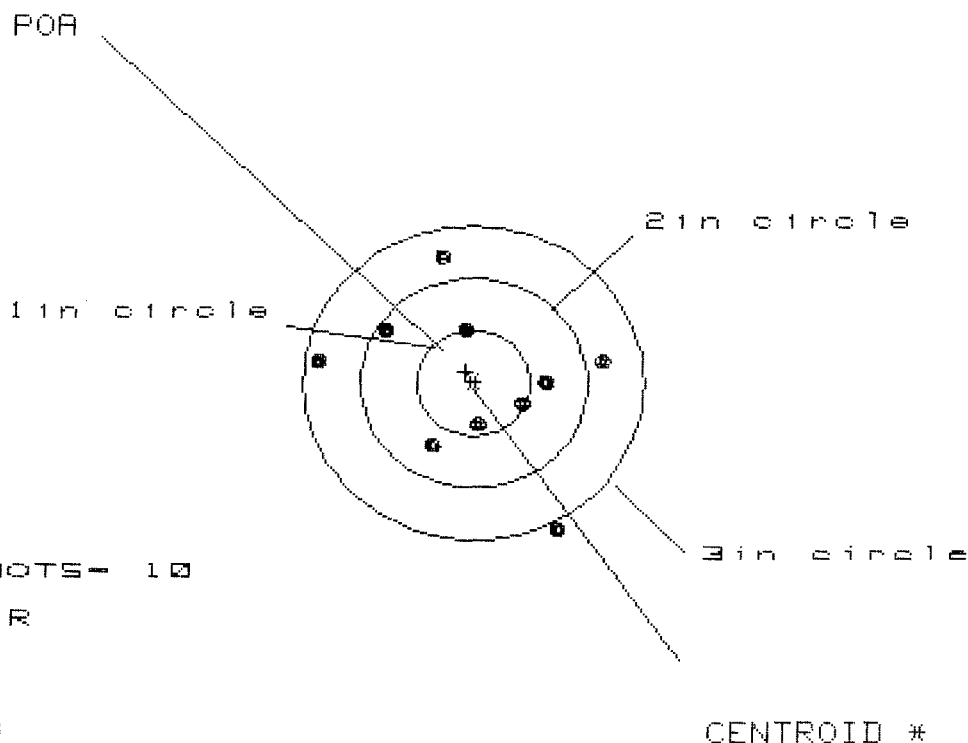
GS= 2.742

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.927	.919	.756
MINIMUM X	:	-1.300	-1.308	-.667
MAXIMUM Y	:	1.238	1.072	1.036
MINIMUM Y	:	-1.494	-.602	-.638
CENTROID X	:	-.163	-.155	.008
CENTROID Y	:	-.175	-.010	.026
POA TO CENTROID in.	:	.239	.155	.027
MIN RADIUS	:	.235	.389	.438
MEAN RADIUS	:	.858	.791	.708
MAX RADIUS	:	1.495	1.338	1.146
HORIZONTAL SPREAD	:	2.227	2.227	1.423
VERTICAL SPREAD	:	2.731	1.674	1.674
EXTREME SPREAD	:	2.742	2.287	1.674
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	10		

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 9

HS= 2.515

VS= 2.593

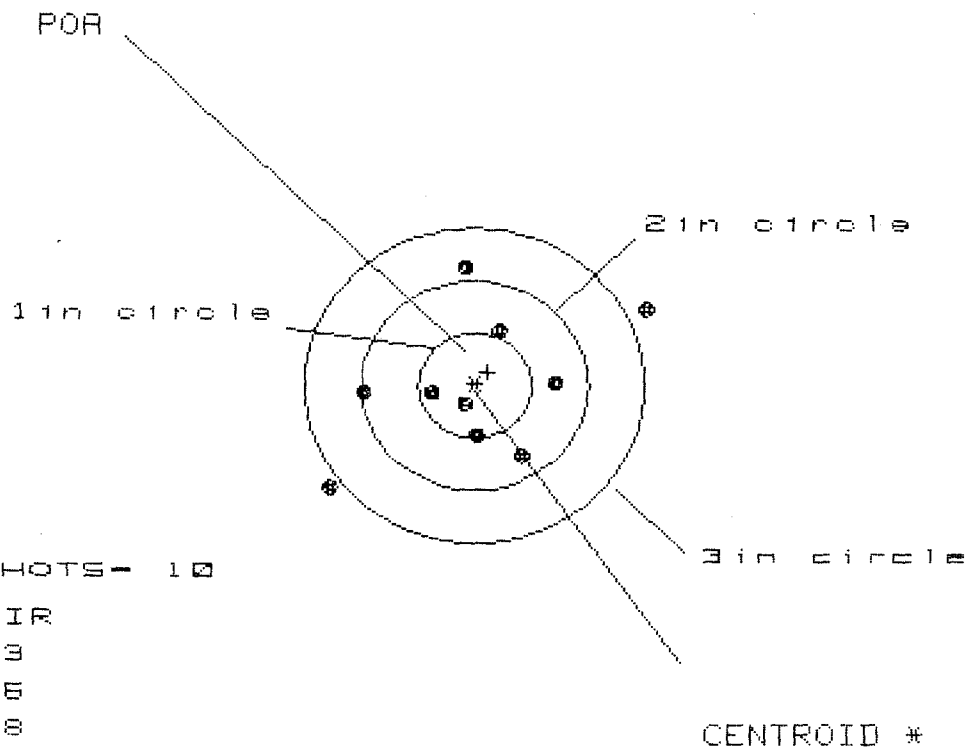
GS= 2.794

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.101	1.182	1.016
MINIMUM X	:	-1.414	-1.333	-.878
MAXIMUM Y	:	1.208	1.054	1.060
MINIMUM Y	:	-1.385	-.750	-.743
CENTROID X	:	.068	-.013	.153
CENTROID Y	:	-.109	.045	.039
POA TO CENTROID in.	:	.128	.047	.158
MIN RADIUS	:	.439	.311	.334
MEAN RADIUS	:	.900	.828	.743
MAX RADIUS	:	1.565	1.333	1.132
HORIZONTAL SPREAD	:	2.515	2.515	1.894
VERTICAL SPREAD	:	2.593	1.804	1.804
EXTREME SPREAD	:	2.794	2.515	1.912
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 8

HS= 2.854

VS= 2.872

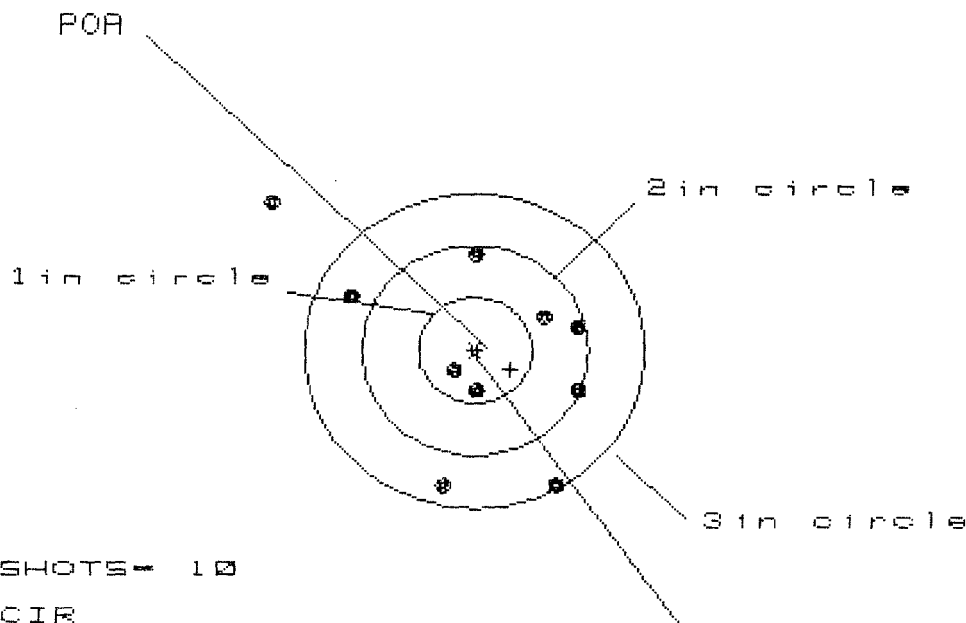
GS= 3.311

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.563	.851	.711
MINIMUM X	:	-1.291	-1.117	-.965
MAXIMUM Y	:	1.144	1.227	1.121
MINIMUM Y	:	-.928	-.845	-.712
CENTROID X	:	-.115	-.289	-.149
CENTROID Y	:	-.130	-.213	-.107
POA TO CENTROID in.	:	.173	.359	.184
MIN RADIUS	:	.179	.075	.178
MEAN RADIUS	:	.849	.724	.647
MAX RADIUS	:	1.734	1.401	1.124
HORIZONTAL SPREAD	:	2.854	1.968	1.676
VERTICAL SPREAD	:	2.872	2.872	1.833
EXTREME SPREAD	:	3.311	2.384	1.897
NUMBER IN ONE INCH CIRCLE =	:		3	
NUMBER IN TWO INCH CIRCLE =	:		6	
NUMBER IN THREE INCH CIRCLE =	:		8	

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 3

HS= 2.684

VS= 2.687

GS= 3.602

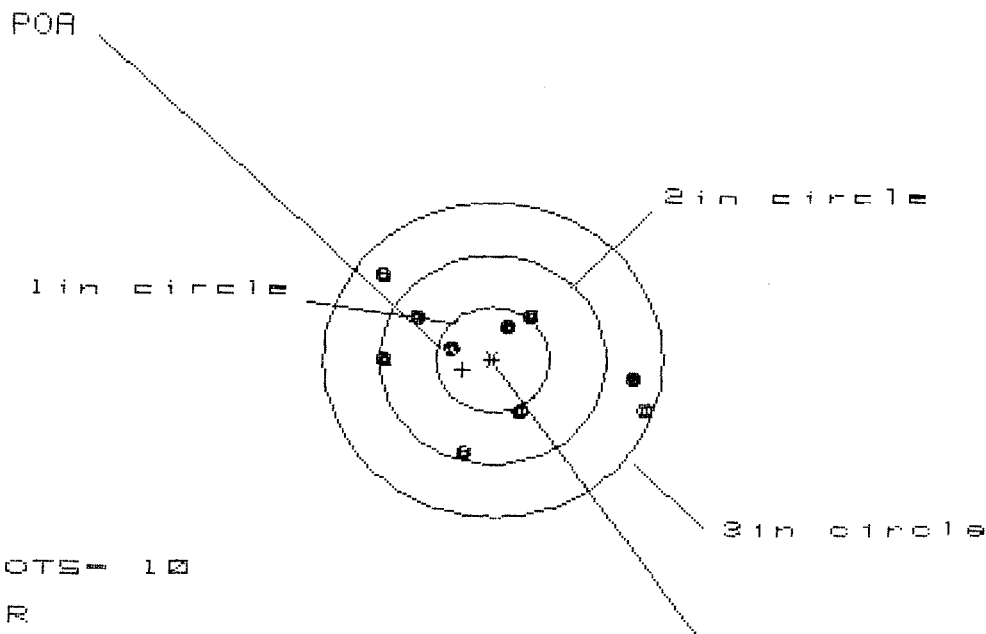
CENTROID *

PATTERN #	:	4
SHOTS (BEST OF)	:	10
MAXIMUM X	:	.942
MINIMUM X	:	-1.742
MAXIMUM Y	:	1.429
MINIMUM Y	:	-1.258
CENTROID X	:	-.312
CENTROID Y	:	.181
POA TO CENTROID in.	:	.361
MIN RADIUS	:	.261
MEAN RADIUS	:	1.031
MAX RADIUS	:	2.253
HORIZONTAL SPREAD	:	2.684
VERTICAL SPREAD	:	2.687
EXTREME SPREAD	:	3.602
NUMBER IN ONE INCH CIRCLE =	:	2
NUMBER IN TWO INCH CIRCLE =	:	5
NUMBER IN THREE INCH CIRCLE =	:	3

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 10

HS= 2.314

VS= 1.748

GS= 2.689

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.312	1.426	1.319
MINIMUM X	-1.002	-.856	-.930
MAXIMUM Y	.838	.779	.462
MINIMUM Y	-.910	-.969	-.872
CENTROID X	.267	.121	.228
CENTROID Y	.087	.146	.049
POA TO CENTROID in.	.281	.190	.233
MIN RADIUS	.379	.231	.365
MEAN RADIUS	.857	.772	.732
MAX RADIUS	1.416	1.455	1.333
HORIZONTAL SPREAD	2.314	2.282	2.249
VERTICAL SPREAD	1.748	1.748	1.334
EXTREME SPREAD	2.689	2.519	2.266
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		