

CF348928

MODEL 700™ N24

Model **S&S**™

Action

Barrel Length

Capacity

Order No. **5715**

*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: RE00144808

Serial: C6348928 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

Closed 4/24/2008 10:58:07 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

naglej

4/24/2008

1:38 PM

NUM



Serial Number: C6348928

Model: M24 SWS



RE00144808

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348928.___0

FILE DATE AND TIME: 05/27/2008 13:36

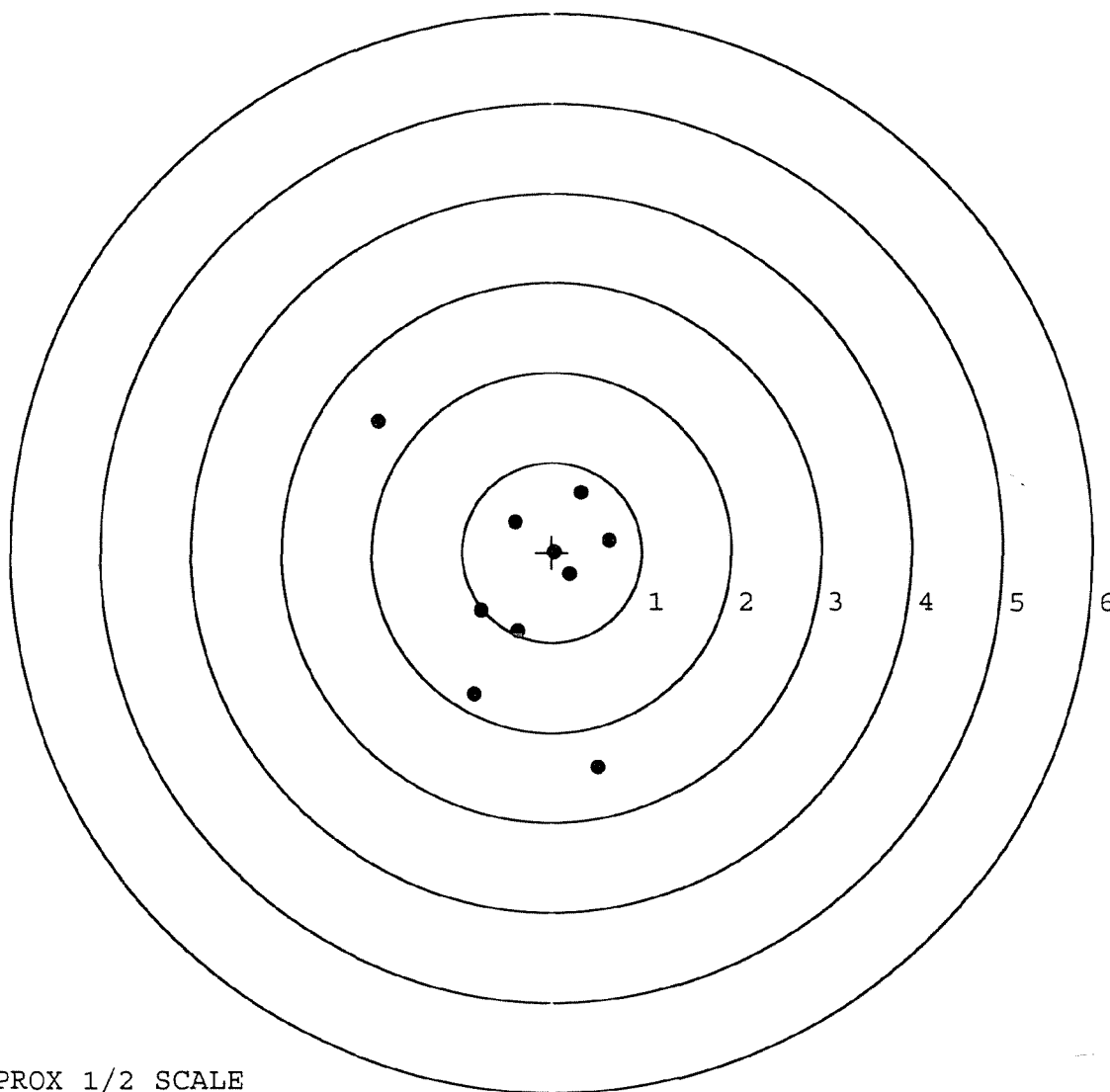
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.113
The Average Y Centroid of the Five Target Set:	-0.016
The Average Point of Impact of the Five Target Set:	0.114
The Average Mean Radius of the Five Target Set:	0.823
The Distance from POA to Centroid Target #1:	0.416
The Distance from Centroid Target #2 to Centroid Target #1:	0.452
The Distance from Centroid Target #3 to Centroid Target #1:	0.388
The Distance from Centroid Target #4 to Centroid Target #1:	0.504
The Distance from Centroid Target #5 to Centroid Target #1:	0.455

SERIAL NUMBER: C6348928. __0
TARGET NUMBER: 1
FILE DATE: 05/27/2008
FILE TIME: 13:36

POINT#	X	Y
1:	-0.861	-1.583
2:	-0.382	-0.884
3:	-0.789	-0.658
4:	0.206	-0.253
5:	0.033	-0.004
6:	0.636	0.133
7:	0.320	0.663
8:	-0.409	0.334
9:	-1.933	1.451
10:	0.516	-2.398

X CENTROID: -0.266
Y CENTROID: -0.320
POA TO CENTROID: 0.416
HORZ SPREAD: 2.569
VERT SPREAD: 3.849
GROUP SPREAD: 4.562
MIN RADIUS: 0.435
MAX RADIUS: 2.432
MEAN RADIUS: 1.098
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348928. __0

TARGET NUMBER: 2

FILE DATE: 05/27/2008

FILE TIME: 13:36

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

1:	-0.559	0.667
----	--------	-------

2:	-0.851	0.939
----	--------	-------

3:	-0.633	1.315
----	--------	-------

4:	-1.668	0.547
----	--------	-------

5:	0.365	0.207
----	-------	-------

6:	0.285	0.048
----	-------	-------

7:	0.117	-0.389
----	-------	--------

8:	-0.034	-0.431
----	--------	--------

9:	-0.151	-0.717
----	--------	--------

10:	0.031	-0.889
-----	-------	--------

X CENTROID: -0.310

Y CENTROID: 0.130

POA TO CENTROID: 0.336

HORZ SPREAD: 2.033

VERT SPREAD: 2.204

GROUP SPREAD: 2.225

MIN RADIUS: 0.592

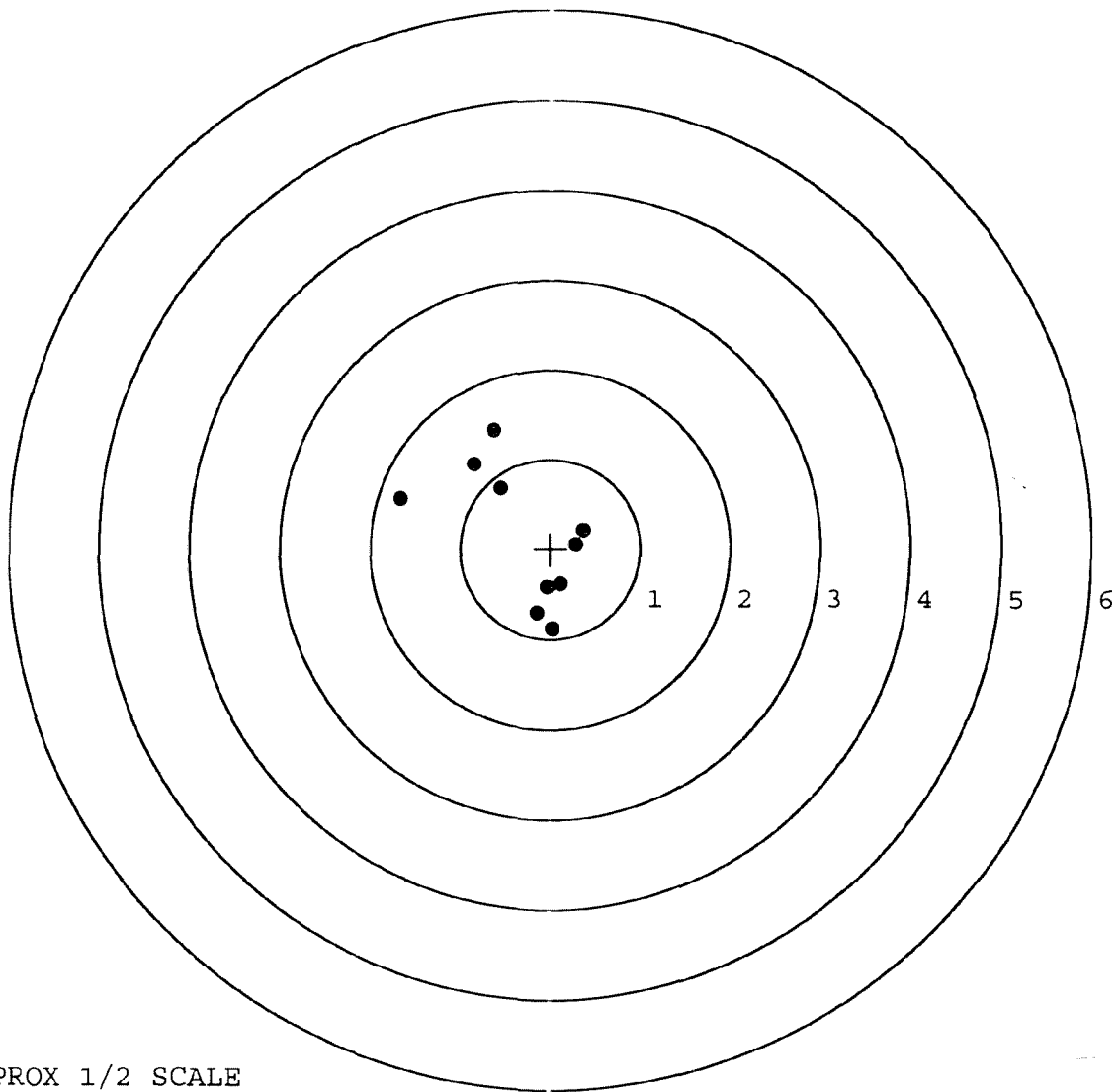
MAX RADIUS: 1.421

MEAN RADIUS: 0.873

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348928. __0

TARGET NUMBER: 3

FILE DATE: 05/27/2008

FILE TIME: 13:36

POINT#	X	Y
1:	0.316	-1.556
2:	0.184	-1.088
3:	-0.055	-0.690
4:	0.276	-0.370
5:	-0.244	0.112
6:	-0.706	-0.134
7:	0.201	0.441
8:	0.054	0.637
9:	-0.068	1.365
10:	-0.644	1.427

X CENTROID: -0.069

Y CENTROID: 0.014

POA TO CENTROID: 0.070

HORZ SPREAD: 1.022

VERT SPREAD: 2.983

GROUP SPREAD: 3.134

MIN RADIUS: 0.201

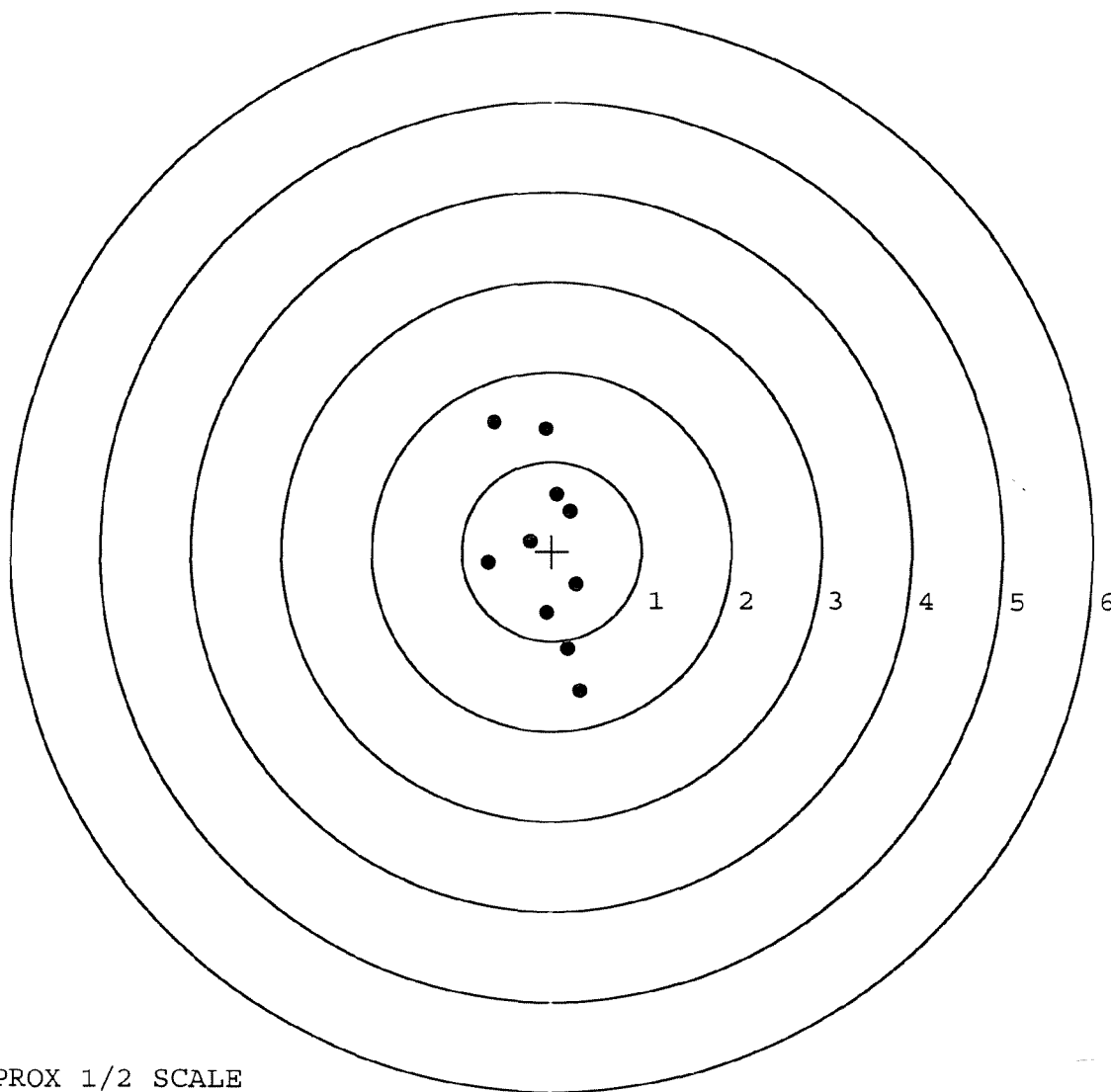
MAX RADIUS: 1.617

MEAN RADIUS: 0.884

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348928. 0

TARGET NUMBER: 4

FILE DATE: 05/27/2008

FILE TIME: 13:36

POINT#	X	Y
1:	1.054	-0.350
2:	0.318	0.499
3:	-0.297	0.693
4:	-0.720	0.468
5:	-0.069	0.235
6:	0.145	0.298
7:	-0.081	-0.359
8:	0.205	-0.349
9:	0.202	-0.964
10:	0.144	0.191

X CENTROID: 0.090

Y CENTROID: 0.036

POA TO CENTROID: 0.097

HORZ SPREAD: 1.774

VERT SPREAD: 1.657

GROUP SPREAD: 1.954

MIN RADIUS: 0.164

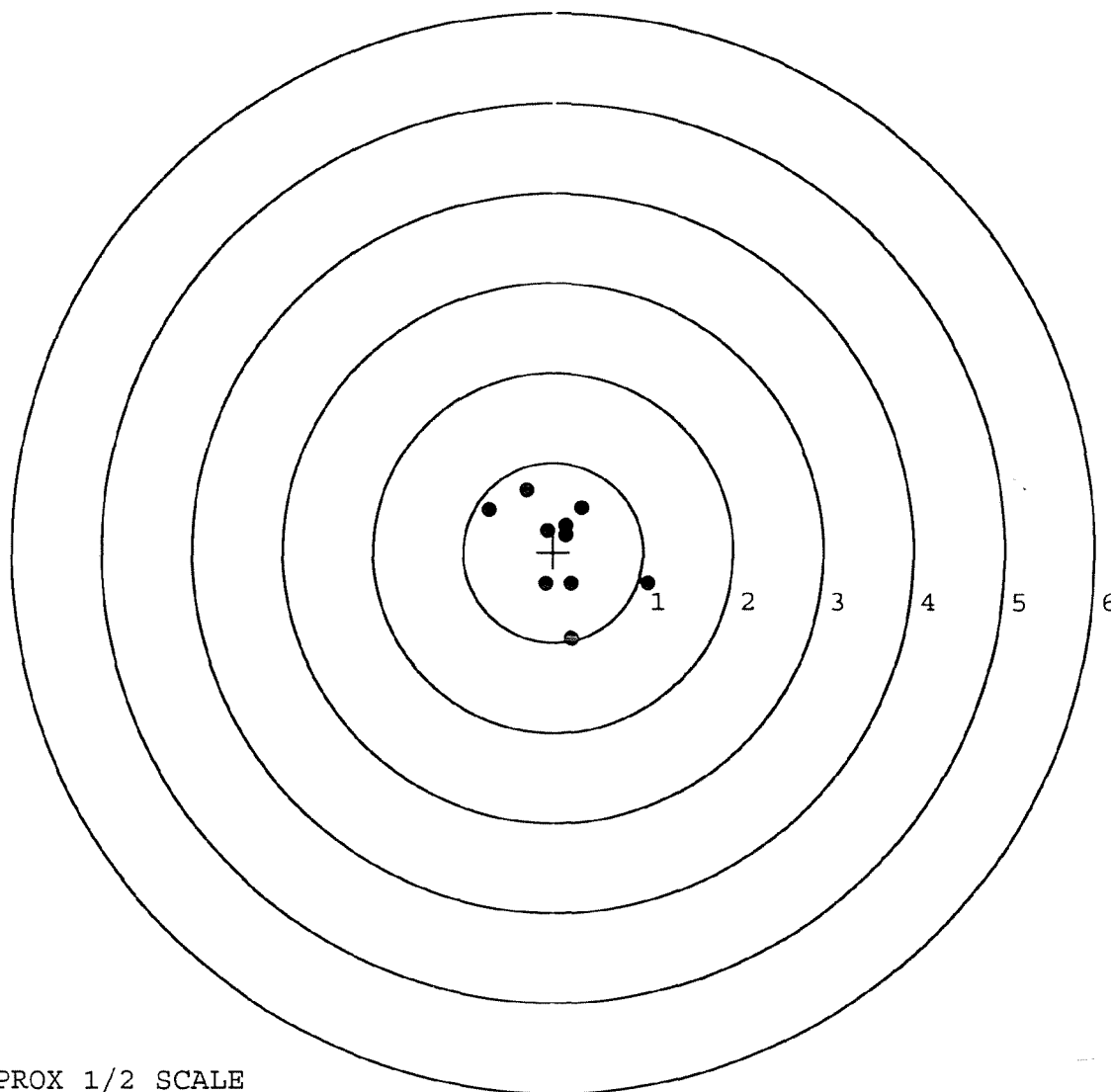
MAX RADIUS: 1.038

MEAN RADIUS: 0.576

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348928. __0

TARGET NUMBER: 5

FILE DATE: 05/27/2008

FILE TIME: 13:36

POINT#	X	Y
1:	0.227	0.519
2:	0.215	0.710
3:	-0.508	0.927
4:	-1.231	0.635
5:	0.593	-0.209
6:	0.309	-0.049
7:	-0.147	-0.387
8:	-0.018	-0.493
9:	0.235	-0.639
10:	0.208	-0.437

X CENTROID: -0.012

Y CENTROID: 0.058

POA TO CENTROID: 0.059

HORZ SPREAD: 1.824

VERT SPREAD: 1.566

GROUP SPREAD: 2.010

MIN RADIUS: 0.338

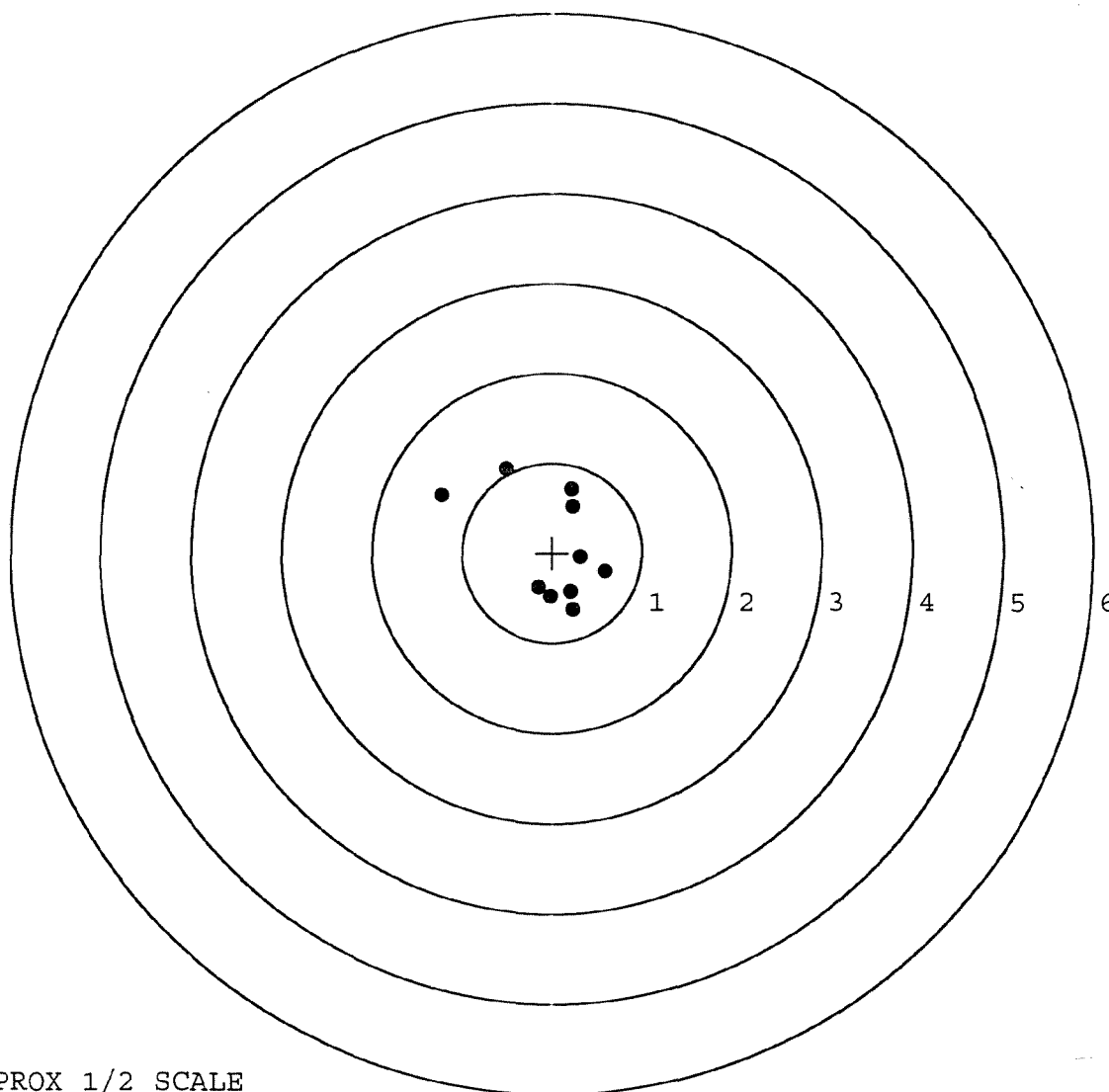
MAX RADIUS: 1.349

MEAN RADIUS: 0.685

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER

144 808

SERIAL NUMBER

C6348928

LOG-IN DATE

4-24-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	4-25-08	RTZ
505	RE-BARREL		
560	ASSEMBLE	4-30-08	TRW
600	PROOF	4-30-08	TRW
605	CHECK HEADSPACE	4-30-08	TRW
610	DIS-ASSEMBLE GUN	4-30-08	TRW
612	MAGNAFLUX	5/1/08	TRW
510	DRILL AND TAP	5-1-08	TRW
615	ROLLMARK CALIBER	5-1-08	CW
618	ROTO-BLAST	5-1-08	DS
620	APPLY COATINGS	5-5-08	CW
625	FINAL ASSEMBLY	5-22-08	RTZ
640	FUNCTION TEST AND	5-23-08	SD
650	TARGET	5-23-08	SD
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	5-23-08	RP
	A) HEADSPACE	5/27/08	Fm
		5/27/08	Fm
	B) TRIGGER PULL	291 290 294 294 294 5-27-08	TRW
680	F) SAFETY ON FORCE	4- 4- 45 5/27/08	Fm
	G) SAFETY OFF FORCE	35 35 35 5/27/08	Fm
	I) FIRING PIN INDENT	.022 .021 .021 5/27/08	Fm
690	PACK	5/27/08	Fm

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348928.__0

FILE DATE AND TIME: 04/21/2005 06:59

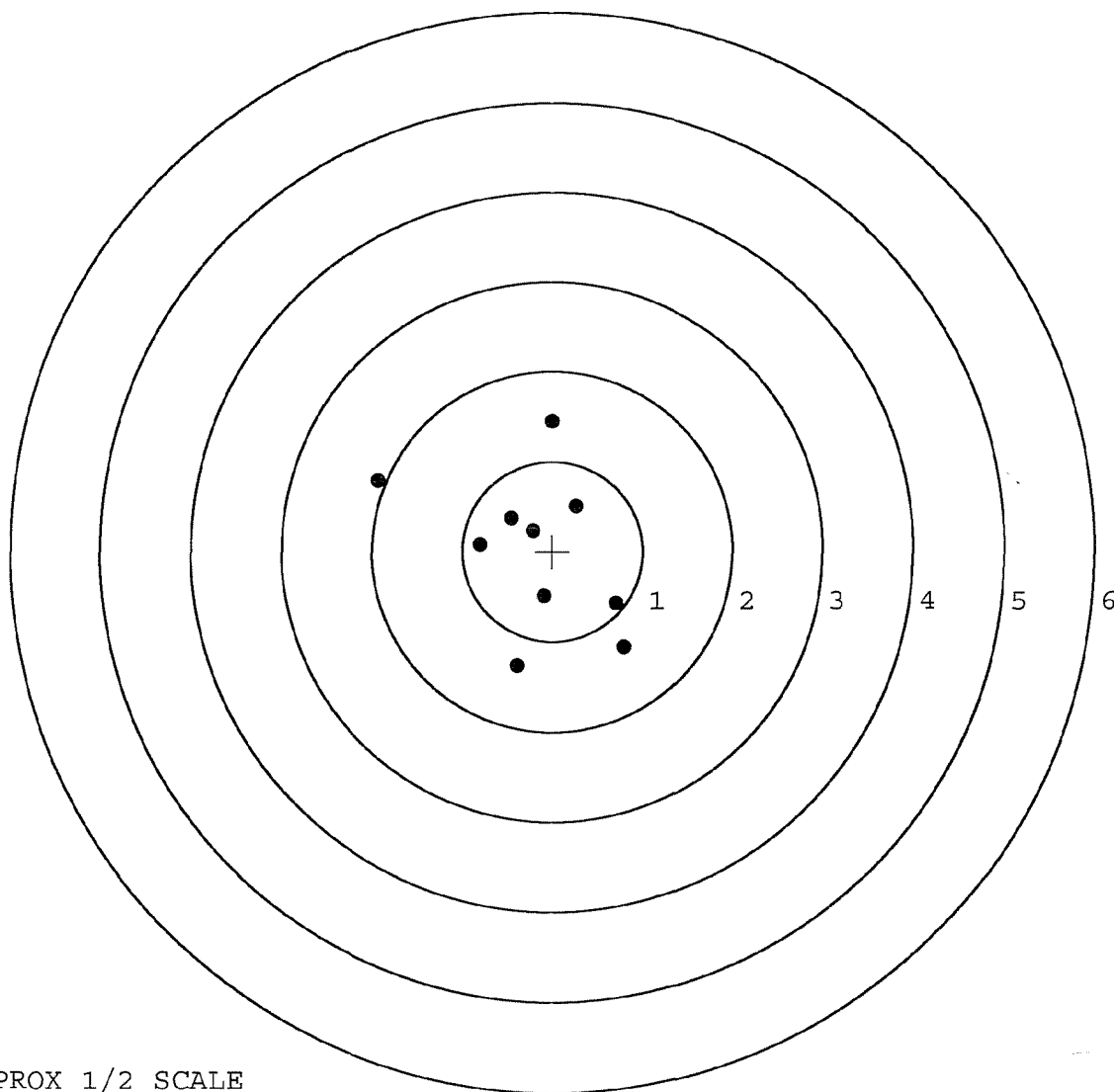
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.120
The Average Y Centroid of the Five Target Set:	0.079
The Average Point of Impact of the Five Target Set:	0.144
The Average Mean Radius of the Five Target Set:	0.986
The Distance from POA to Centroid Target #1:	0.214
The Distance from Centroid Target #2 to Centroid Target #1:	0.255
The Distance from Centroid Target #3 to Centroid Target #1:	0.605
The Distance from Centroid Target #4 to Centroid Target #1:	0.400
The Distance from Centroid Target #5 to Centroid Target #1:	0.516

SERIAL NUMBER: C6348928. __0
TARGET NUMBER: 1
FILE DATE: 04/21/2005
FILE TIME: 06:59

X CENTROID: -0.213
Y CENTROID: -0.002
POA TO CENTROID: 0.214
HORZ SPREAD: 2.730
VERT SPREAD: 2.720
GROUP SPREAD: 3.301
MIN RADIUS: 0.230
MAX RADIUS: 1.894
MEAN RADIUS: 0.968
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.794	-1.072
2:	0.700	-0.582
3:	-0.389	-1.276
4:	-0.090	-0.505
5:	-0.806	0.078
6:	-0.216	0.228
7:	0.263	0.506
8:	0.002	1.444
9:	-1.936	0.784
10:	-0.457	0.371



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348928. 0

TARGET NUMBER: 2

FILE DATE: 04/21/2005

FILE TIME: 06:59

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

1:	1.541	-0.441
----	-------	--------

2:	0.227	-0.435
----	-------	--------

3:	0.076	0.287
----	-------	-------

4:	-0.054	0.496
----	--------	-------

5:	0.702	0.437
----	-------	-------

6:	0.784	0.911
----	-------	-------

7:	-0.607	-0.374
----	--------	--------

8:	-1.314	0.208
----	--------	-------

9:	-0.849	-1.312
----	--------	--------

10:	-0.087	0.256
-----	--------	-------

X CENTROID: 0.042

Y CENTROID: 0.003

POA TO CENTROID: 0.042

HORZ SPREAD: 2.855

VERT SPREAD: 2.223

GROUP SPREAD: 2.758

MIN RADIUS: 0.284

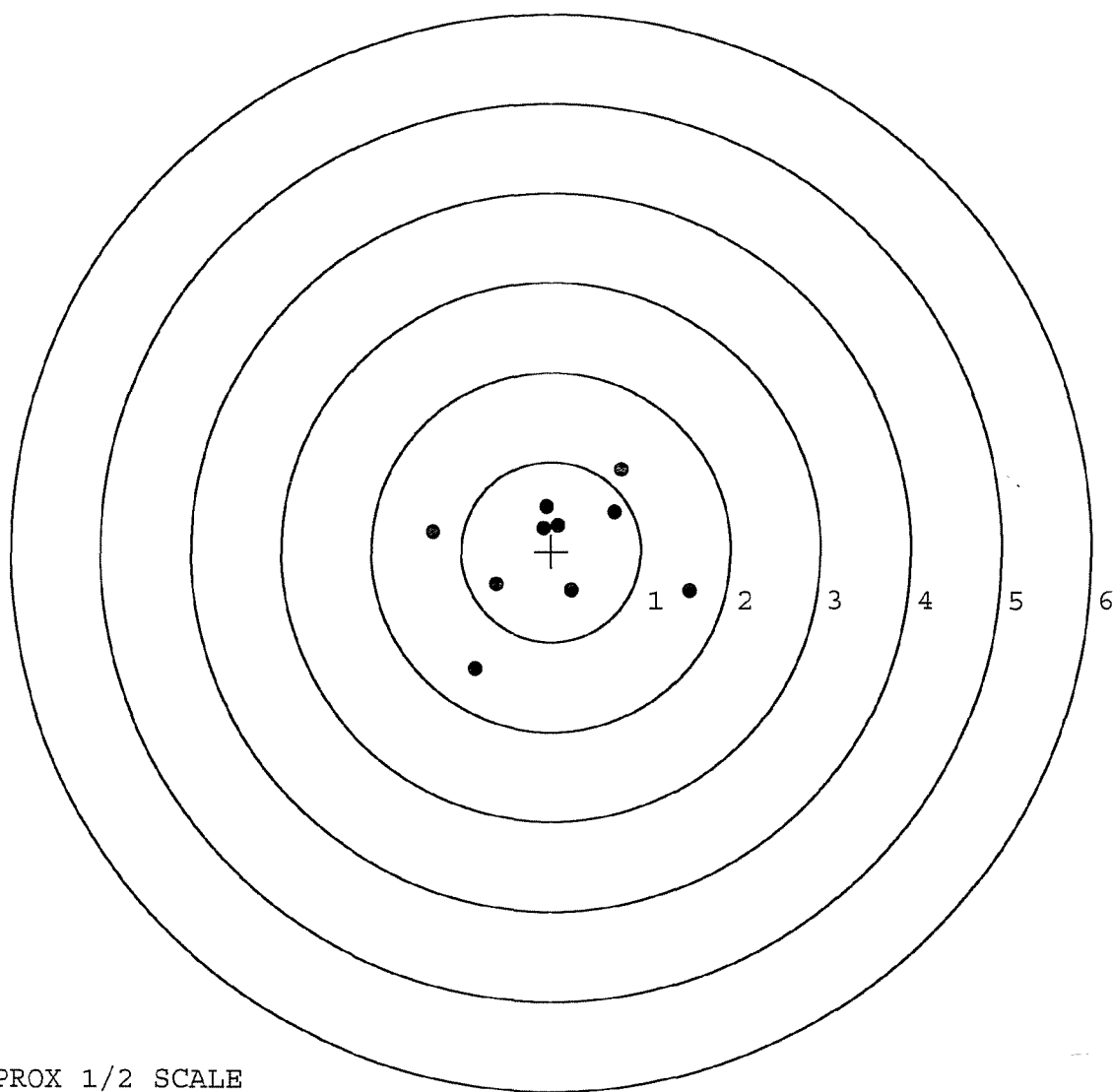
MAX RADIUS: 1.589

MEAN RADIUS: 0.878

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348928. 0

TARGET NUMBER: 3

FILE DATE: 04/21/2005

FILE TIME: 06:59

X CENTROID: 0.390

Y CENTROID: 0.024

POA TO CENTROID: 0.391

HORZ SPREAD: 3.371

VERT SPREAD: 3.529

GROUP SPREAD: 4.678

MIN RADIUS: 0.228

MAX RADIUS: 2.446

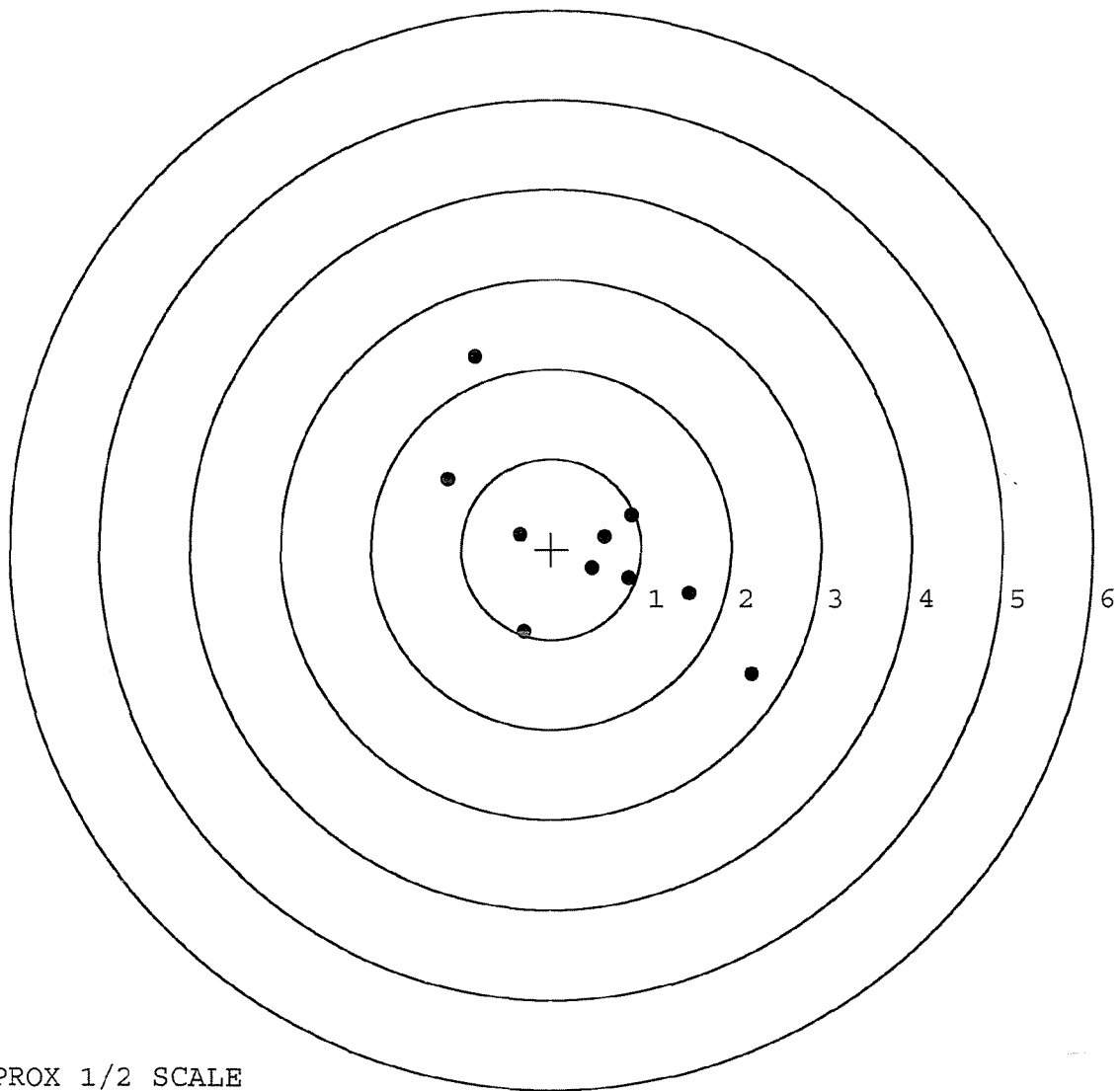
MEAN RADIUS: 1.131

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 7

POINT#	X	Y
1:	0.893	0.371
2:	0.589	0.136
3:	0.455	-0.209
4:	-0.353	0.165
5:	-0.301	-0.915
6:	-1.148	0.762
7:	1.533	-0.491
8:	2.223	-1.396
9:	-0.848	2.133
10:	0.862	-0.320



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348928. 0

TARGET NUMBER: 4

FILE DATE: 04/21/2005

FILE TIME: 06:59

POINT#	X	Y
1:	1.341	0.179
2:	0.997	-0.726
3:	0.236	-0.606
4:	-0.149	-0.572
5:	-0.453	-0.783
6:	0.276	0.093
7:	-0.311	0.543
8:	0.098	0.771
9:	-0.379	1.578
10:	-0.718	2.063

X CENTROID: 0.094

Y CENTROID: 0.254

POA TO CENTROID: 0.271

HORZ SPREAD: 2.059

VERT SPREAD: 2.846

GROUP SPREAD: 3.274

MIN RADIUS: 0.243

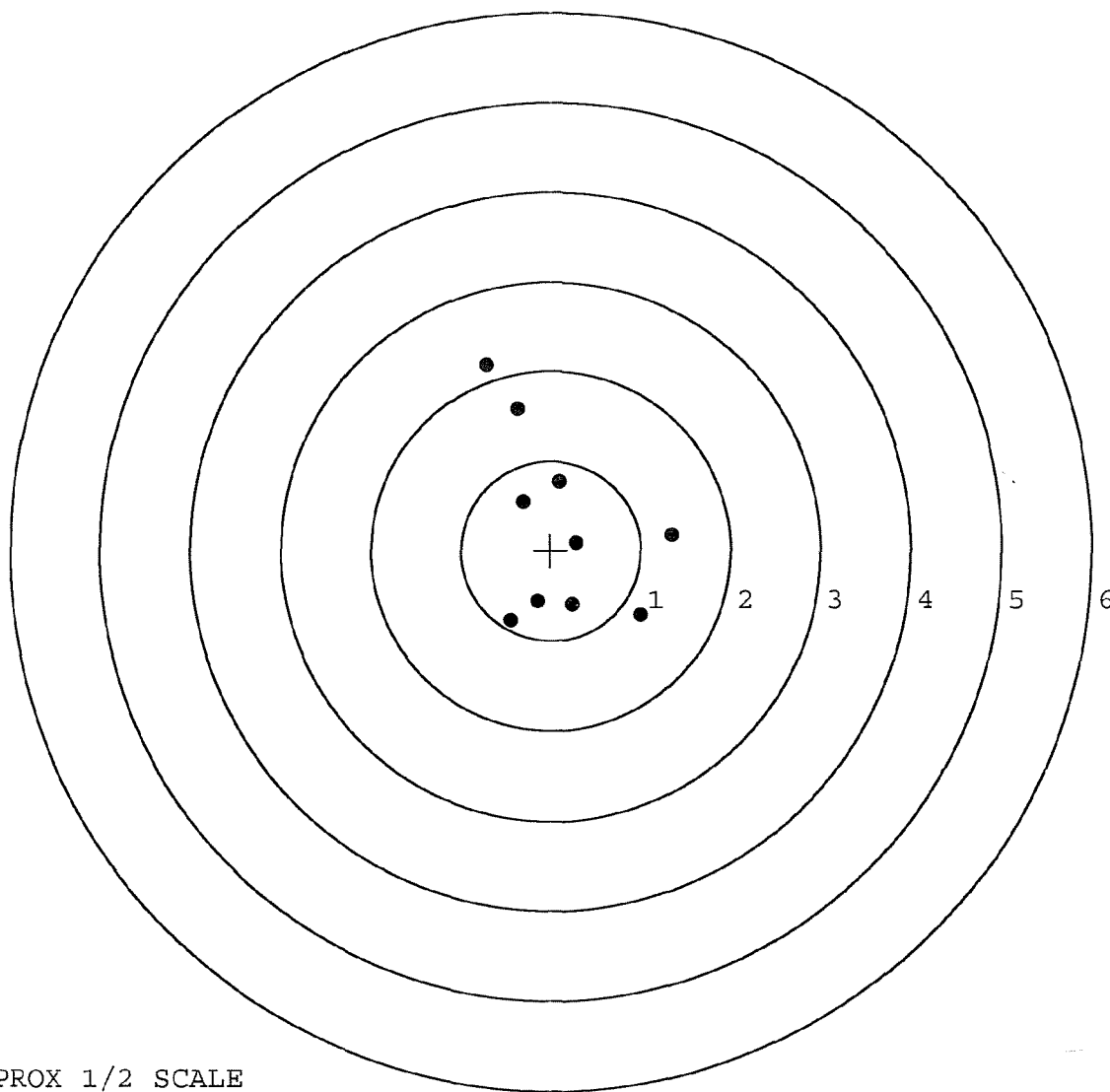
MAX RADIUS: 1.983

MEAN RADIUS: 1.013

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

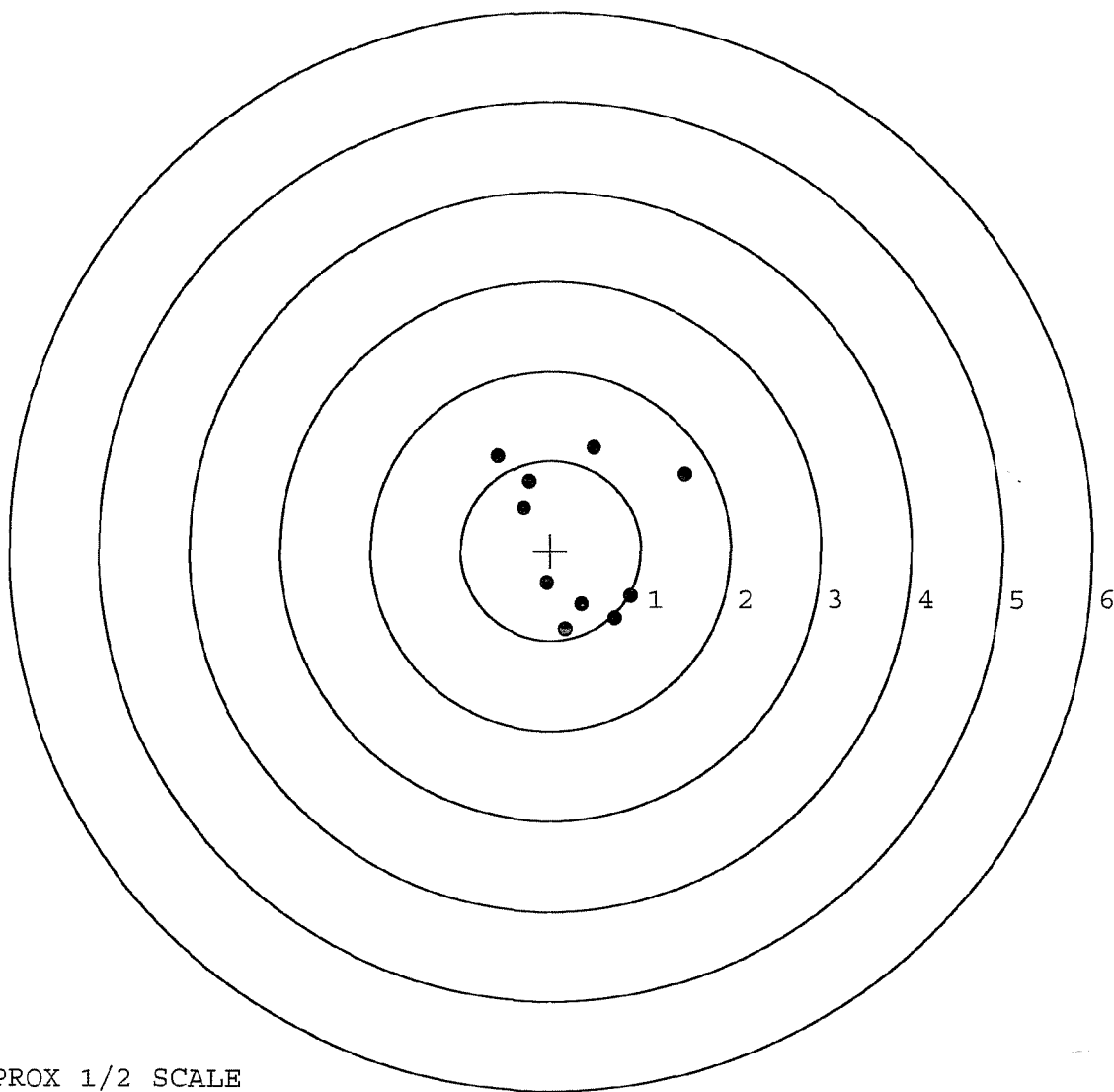
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348928. __0
TARGET NUMBER: 5
FILE DATE: 04/21/2005
FILE TIME: 06:59

	POINT#	X	Y
	1:	0.889	-0.513
	2:	0.710	-0.765
	3:	0.164	-0.884
	4:	-0.045	-0.364
	5:	0.343	-0.601
	6:	1.485	0.853
	7:	0.474	1.141
	8:	-0.587	1.043
	9:	-0.244	0.768
	10:	-0.305	0.475
X CENTROID:		0.288	
Y CENTROID:		0.115	
POA TO CENTROID:		0.311	
HORZ SPREAD:		2.072	
VERT SPREAD:		2.025	
GROUP SPREAD:		2.182	
MIN RADIUS:		0.584	
MAX RADIUS:		1.406	
MEAN RADIUS:		0.941	
# IN 1 IN DIAMETER:		0	
# IN 2 IN DIAMETER:		6	
# in 3 IN DIAMETER:		10	



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	92565		
SERIAL NUMBER	C6348928		
LOG-IN DATE	2-7-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	3-15-05	RTL
560 A	RE-BARREL	3-17-05	RTL
B	DRILL AND TAP	3-21-05	TRW
575	ASSEMBLE	3-18-05	RTL
600	PROOF	3-21-05	AC
605	CHECK HEADSPACE	3-21-05	AC
610	DIS-ASSEMBLE GUN	3-21-05	RTL
612	MAGNAFLUX	3-21-05	AC
615	ROLLMARK CALIBER	3-23-05	CW
618	ROTO-BLAST	3-29-05	AC
620	APPLY COATINGS	4-5-05	AC
625 A	FINAL ASSEMBLY	4-20-05	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	4-22-05	AC
D	SAFETY "OFF" FORCE	4-22-05	AC
E	FIRING PIN INDENT	4-22-05	AC
640	TARGET	4-21-05	TRW
655	FINAL INSPECT	4-22-05	AC
660	PACK	4-25-05	DA
		SHIP DATE	
		QAR INSPECTION DATE	




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

MODEL 700™ H24

SERIAL NO.

C6348928

ORDER NO.

5716

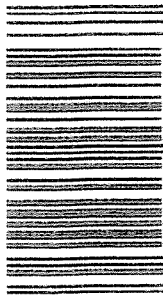
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

01



5716 C6348928

LPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348928

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 14	89	RW
600	Proof	9 14	89	RW
607	Check Headspace	9 14	89	RW
610	Dis-assemble Gun	9 14	89	RW
612	Magnaflux Barrel Action	9-14-89		KCR
	Magnaflux Bolt	9-14-89		KCR
615	Rollmark Caliber		9/5/89	GS
7	Drill and Tap Sight Holes	9 15	89	FO
618	Polish Barrel	9 15	89	BT
620	Apply Coatings (Barrel Action)		9/25/89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		9/26/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/26/89	RW
	C) Inspect Ejector Hole for Chamfer		9/26/89	RW
	D) Oil Firing Pin Ass'y		9/26/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		26/89	JS

op. #	OP. NAME	READINGS			DATE	INIT	
625 cont.	F) Safety On Force	4	4	4	10/3/89	4N	
	G) Safety Off Force	3	3	3	10/3/89	4N	
	H) Trigger Pull Test & Retainability				26/89	JS	
	I) Firing Pin Indent	.0205	.020	.0205	10/3/89	4N	
	J) Assemble Stock				10/13/89	RW	
	K) Assemble Swivel Studs				10/13/89	JS	
	L) Attach Front and Rear Sight Assemblies				10/13/89	RW	
	M) Iron Sight Alignment				10/13/89	RW	
	N) Detach Front & Rear Sights & place in numbered container				10/13/89	RW	
	O) Attach Scope to Rifle				10/13/89	4N	
	P) Detach & Attach Scope 20 Times				10/13/89	4N	
640	Gallery Target & Test				10-13-89	DH	
	A) Time				10-13-89	DH	
	B) Malfunctions				10-13-89	DH	
	C) Pierced Primers				10-13-89	DH	
	D) Optical Clarity of Scope				10-13-89	DH	
645	Inspect for Live Ammo				10-13-89	DH	
655	Final Inspection						
	A) Headspace				16/89	JS	
	B) Trigger Pull	269	225	247	255	275	16/89
	C) Function				16/89	JS	
660	Pack				15/89	JS	

SWS TRIGGER PULL TEST

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

SERIAL NO. C639 8928

DATE 3-12-90

TESTER JU

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.34	2.30	2.42	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.34	2.29	2.54	
PULL #3	2.26	2.41	2.43	
PULL #4	2.27	2.40	2.49	
PULL #5	2.31	2.43	2.50	
TOTAL	11.52	11.83	12.38	
AVG.	2.304	2.366	2.476	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.25	3.42	
PULL #2	3.17	3.45	
PULL #3	3.35	3.40	
PULL #4	3.44	3.50	
PULL #5	3.39	3.41	
TOTAL	16.60	17.18	
AVG.	3.32	3.436	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.26	4.10		4.56
PULL #2	4.22	4.14		4.54
PULL #3	4.23	4.04		4.50
PULL #4	4.11	4.28		4.47
PULL #5	4.05	4.03		4.50
TOTAL	20.87	20.59		22.57
AVG.	4.174	4.118		4.514

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348928
13 Oct 1989

CENTROIDAL DISTANCES

0	TO	1	.0498197
1	TO	2	.834728
1	TO	3	.512762
1	TO	4	.467586
1	TO	5	.465851

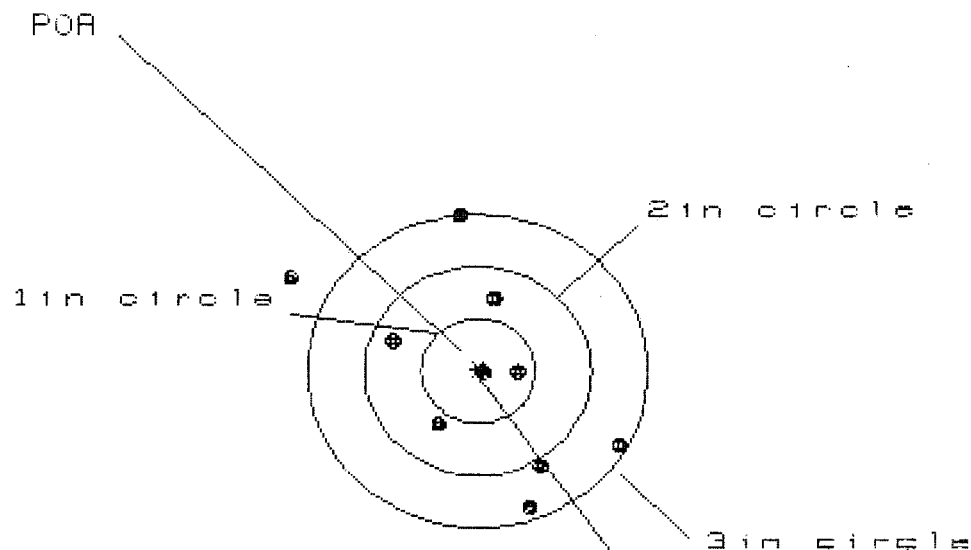
$s_{4g}^* z$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0604
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2622
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .269067
THE AMR FOR THIS RIFLE IS: 1.046

13 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C634B928

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS= 2.943

VS= 2.812

GS= 3.366

CENTROID *

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.291	1.107	1.070
MINIMUM X	:	-1.652	-.948	-.985
MAXIMUM Y	:	1.527	1.630	1.012
MINIMUM Y	:	-1.285	-1.182	-.978
CENTROID X	:	-.049	.135	.172
CENTROID Y	:	.009	-.094	-.298
POA TO CENTROID in.	:	.050	.164	.344
MIN RADIUS	:	.059	.153	.289
MEAN RADIUS	:	.986	.869	.777
MAX RADIUS	:	1.898	1.657	1.147
HORIZONTAL SPREAD	:	2.943	2.055	2.055
VERTICAL SPREAD	:	2.812	2.812	1.990
EXTREME SPREAD	:	3.366	2.872	2.276
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			8	

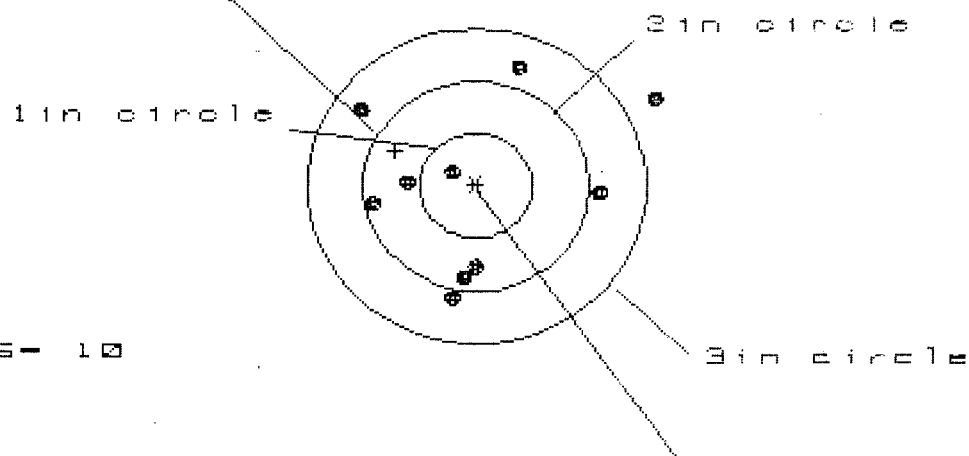
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CENTERFIRE PATTERNS

2

POH



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS= 2.548

VS= 2.283

GS= 2.674

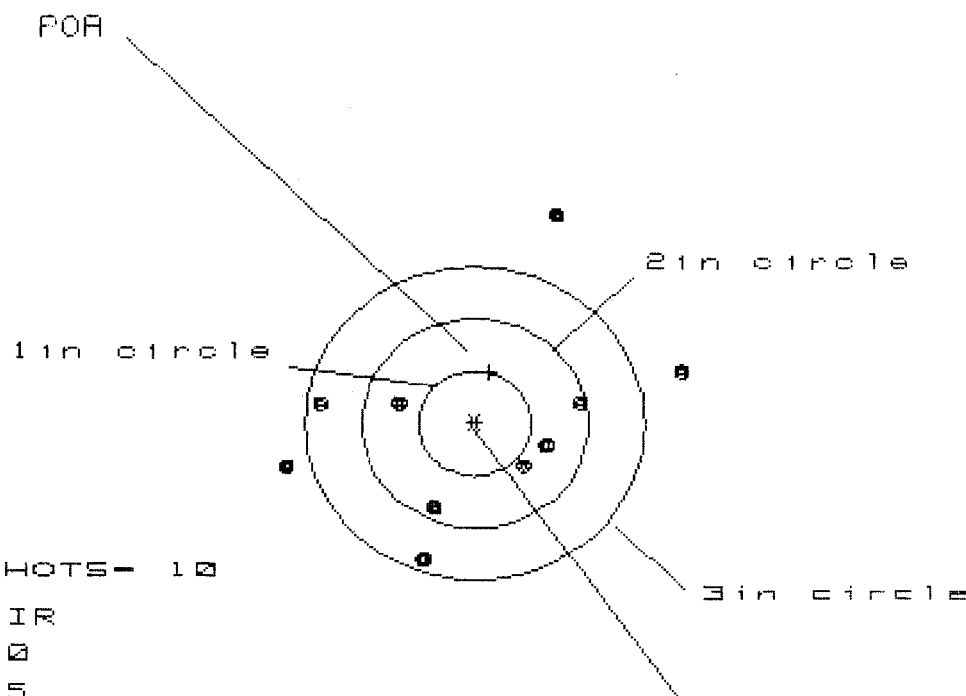
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.557	1.309	1.207
MINIMUM X	:	-.991	-.818	-.862
MAXIMUM Y	:	1.171	1.265	1.373
MINIMUM Y	:	-1.112	-1.018	-.910
CENTROID X	:	.712	.539	.641
CENTROID Y	:	-.334	-.428	-.536
POA TO CENTROID in.	:	.786	.688	.835
MIN RADIUS	:	.228	.235	.359
MEAN RADIUS	:	.998	.871	.831
MAX RADIUS	:	1.772	1.385	1.448
HORIZONTAL SPREAD	:	2.548	2.127	2.069
VERTICAL SPREAD	:	2.283	2.283	2.283
EXTREME SPREAD	:	2.674	2.351	2.351
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 3



* OF SHOTS- 10

IN CIR

1in = 0

2in = 5

3in = 7

HS= 3.444

VS= 3.361

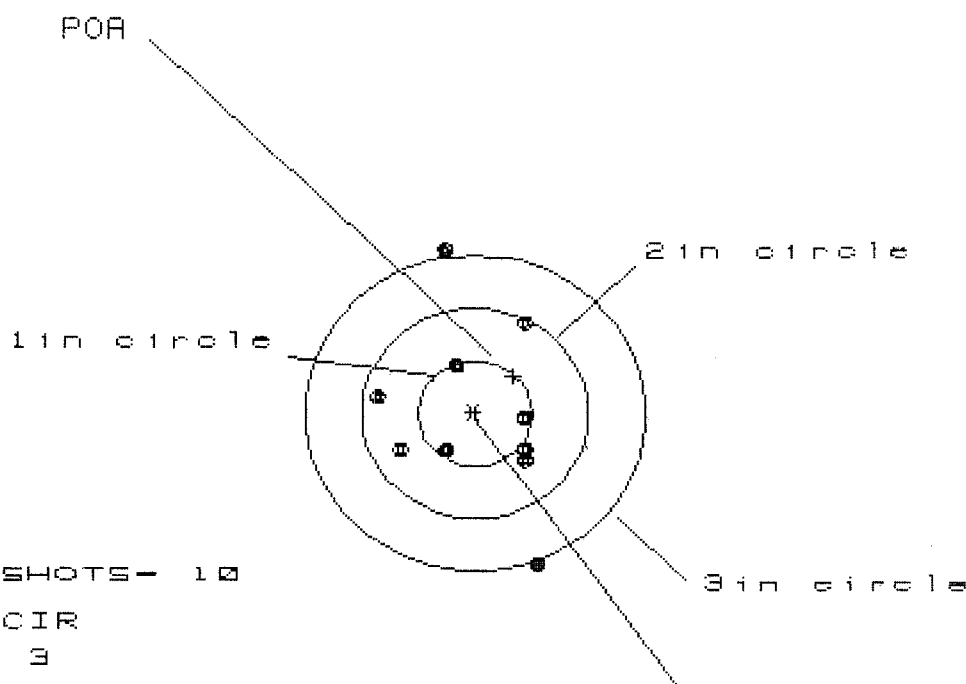
GS= 3.574

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.787	1.865	1.276
MINIMUM X	:	-1.657	-1.579	-1.346
MAXIMUM Y	:	2.021	.748	.546
MINIMUM Y	:	-1.340	-1.115	-1.022
CENTROID X	:	-.132	-.209	-.442
CENTROID Y	:	-.497	-.722	-.815
POA TO CENTROID in.	:	.514	.751	.927
MIN RADIUS	:	.610	.545	.459
MEAN RADIUS	:	1.233	1.099	.969
MAX RADIUS	:	2.137	2.009	1.358
HORIZONTAL SPREAD	:	3.444	3.444	2.622
VERTICAL SPREAD	:	3.361	1.863	1.568
EXTREME SPREAD	:	3.574	3.574	2.686
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

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CENTERFIRE PATTERNS # 4



* OF SHOTS- 10

IN CIR

1in = 3

2in = 8

3in = 8

HS= 1.348

VS= 3.036

GS= 3.131

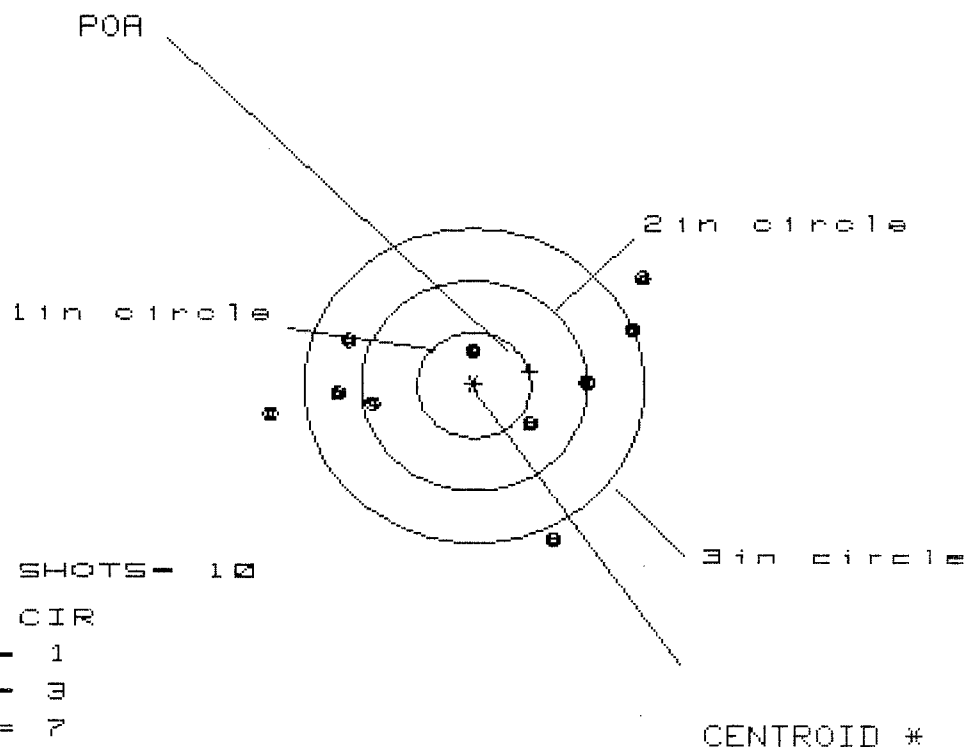
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.500	.470	.462
MINIMUM X	:	-.848	-.878	-.819
MAXIMUM Y	:	1.555	1.071	.907
MINIMUM Y	:	-1.481	-1.308	-.405
CENTROID X	:	-.340	-.310	-.369
CENTROID Y	:	-.357	-.530	-.366
FOR TO CENTROID in.	:	.493	.614	.520
MIN RADIUS	:	.430	.331	.418
MEAN RADIUS	:	.821	.715	.634
MAX RADIUS	:	1.578	1.390	1.009
HORIZONTAL SPREAD	:	1.348	1.348	1.281
VERTICAL SPREAD	:	3.036	2.379	1.312
EXTREME SPREAD	:	3.131	2.381	1.644
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in - 1

2in - 3

3in - 7

HS- 3.254

VS- 2.474

GS- 3.504

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.481	1.525	1.324
MINIMUM X	:	-1.773	-1.608	-1.213
MAXIMUM Y	:	1.025	.672	.651
MINIMUM Y	:	-1.449	-1.335	-1.356
CENTROID X	:	-.493	-.658	-.457
CENTROID Y	:	-.132	-.246	-.225
POA TO CENTROID in.	:	.511	.702	.509
MIN RADIUS	:	.379	.521	.473
MEAN RADIUS	:	1.194	1.121	1.044
MAX RADIUS	:	1.801	1.666	1.505
HORIZONTAL SPREAD	:	3.254	3.133	2.537
VERTICAL SPREAD	:	2.474	2.007	2.007
EXTREME SPREAD	:	3.504	3.242	2.622
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	