

C6594582

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594582.__0
FILE DATE AND TIME: 11/26/2001 15:17

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.024
The Average Y Centroid of the Five Target Set:	-0.041
The Average Point of Impact of the Five Target Set:	0.047
The Average Mean Radius of the Five Target Set:	0.916
The Distance from POA to Centroid Target #1:	0.244
The Distance from Centroid Target #2 to Centroid Target #1:	0.276
The Distance from Centroid Target #3 to Centroid Target #1:	0.588
The Distance from Centroid Target #4 to Centroid Target #1:	0.352
The Distance from Centroid Target #5 to Centroid Target #1:	0.488

SERIAL NUMBER: &6594582.___0

TARGET NUMBER: 1

FILE DATE: 11/26/2001

FILE TIME: 15:17

POINT#	X	Y
1:	-1.471	-0.676
2:	-0.561	-0.462
3:	-0.111	-0.609
4:	0.814	-0.349
5:	0.249	0.382
6:	-0.404	0.269
7:	-0.670	0.571
8:	0.334	1.100
9:	0.722	1.359
10:	1.057	0.858

X CENTROID: -0.004

Y CENTROID: 0.244

POA TO CENTROID: 0.244

HORZ SPREAD: 2.528

VERT SPREAD: 2.035

GROUP SPREAD: 2.992

MIN RADIUS: 0.288

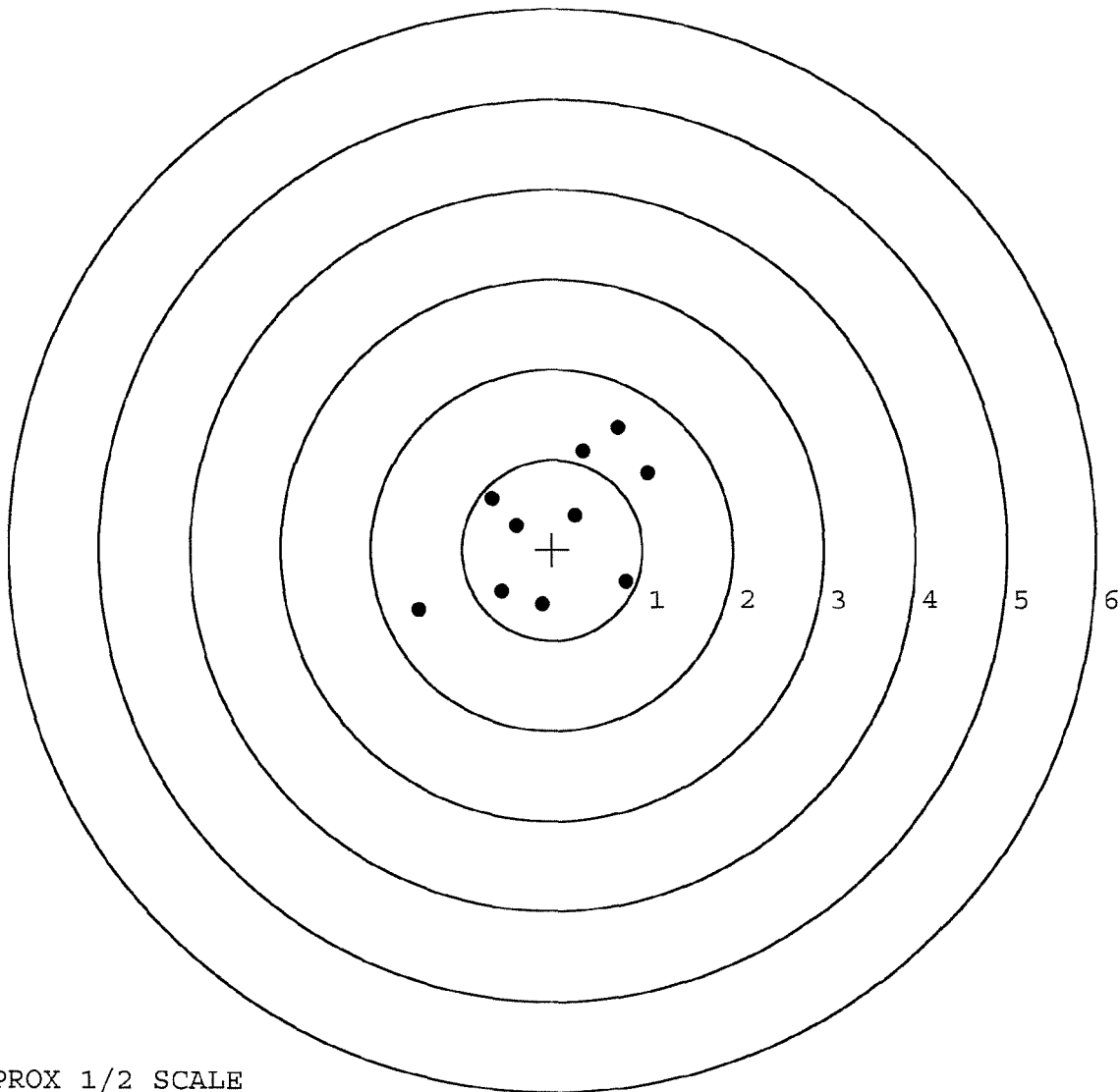
MAX RADIUS: 1.732

MEAN RADIUS: 0.941

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: &6594582. __0

TARGET NUMBER: 2

FILE DATE: 11/26/2001

FILE TIME: 15:17

POINT#	X	Y
1:	-0.768	1.030
2:	0.061	0.852
3:	0.400	0.682
4:	-0.369	0.294
5:	0.398	0.140
6:	0.279	-0.209
7:	1.026	0.252
8:	1.112	-0.683
9:	-0.636	-0.775
10:	-0.910	-1.831

X CENTROID: 0.059

Y CENTROID: -0.025

POA TO CENTROID: 0.064

HORZ SPREAD: 2.022

VERT SPREAD: 2.861

GROUP SPREAD: 2.865

MIN RADIUS: 0.287

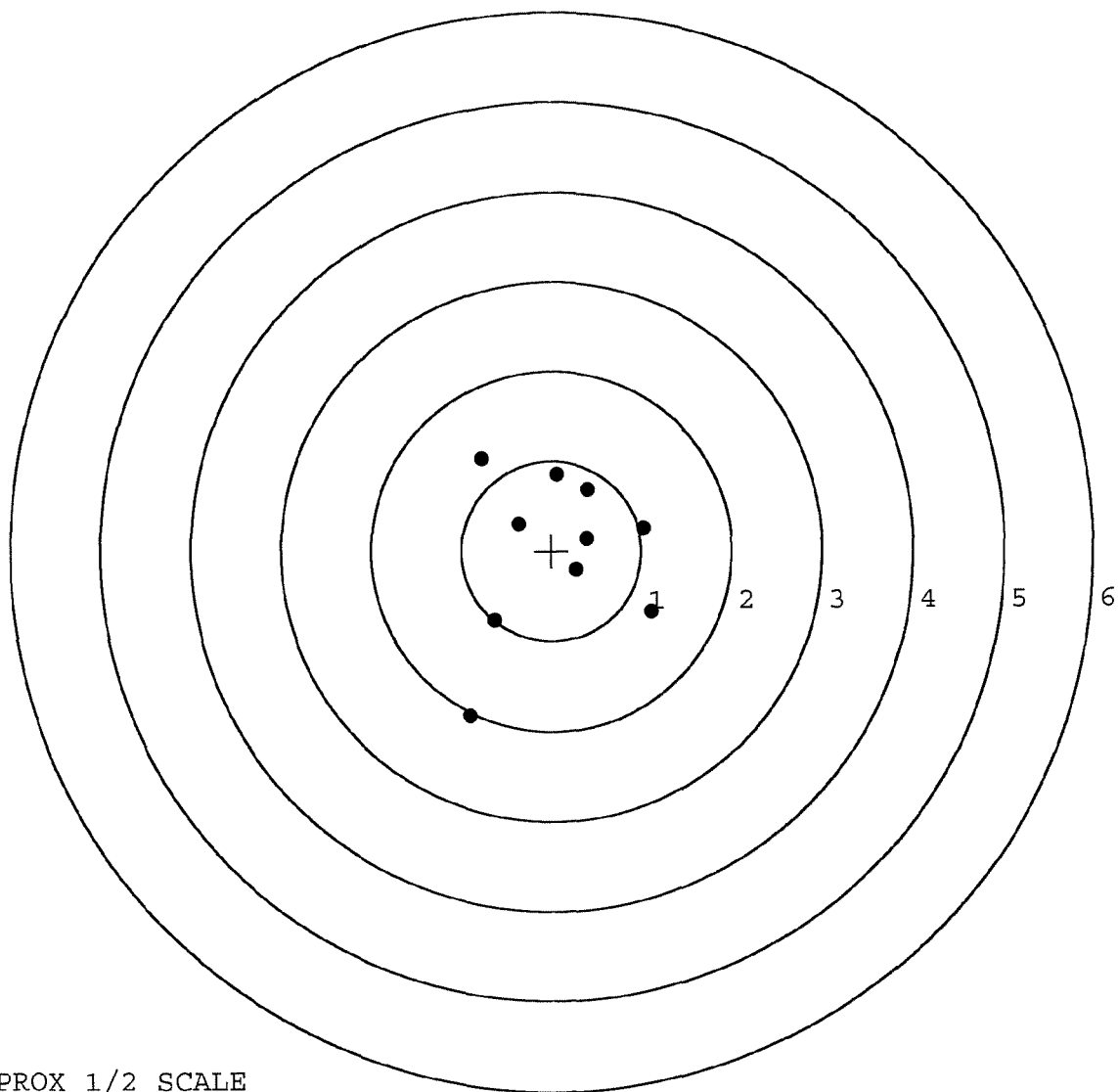
MAX RADIUS: 2.050

MEAN RADIUS: 0.952

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: &6594582.___0

TARGET NUMBER: 3

FILE DATE: 11/26/2001

FILE TIME: 15:17

X CENTROID: -0.244

Y CENTROID: -0.292

POA TO CENTROID: 0.381

HORZ SPREAD: 2.211

VERT SPREAD: 2.682

GROUP SPREAD: 3.238

MIN RADIUS: 0.039

MAX RADIUS: 1.675

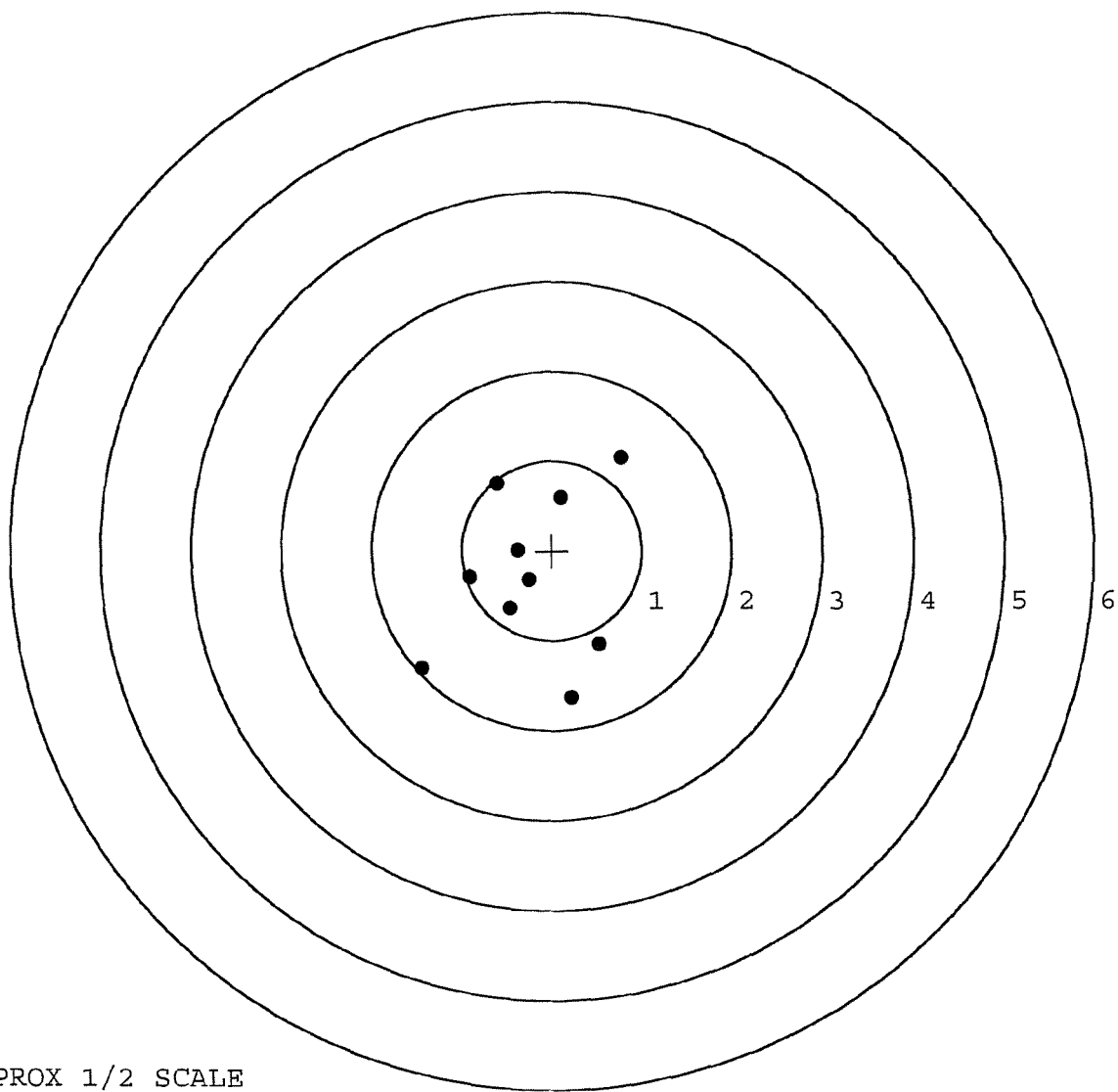
MEAN RADIUS: 0.927

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	-1.440	-1.325
2:	-0.913	-0.306
3:	-0.468	-0.647
4:	-0.256	-0.329
5:	-0.384	-0.003
6:	-0.617	0.744
7:	0.103	0.592
8:	0.771	1.040
9:	0.531	-1.046
10:	0.233	-1.642



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: &6594582. 0

TARGET NUMBER: 4

FILE DATE: 11/26/2001

FILE TIME: 15:17

X CENTROID: 0.322

Y CENTROID: 0.112

POA TO CENTROID: 0.341

HORZ SPREAD: 2.459

VERT SPREAD: 2.409

GROUP SPREAD: 2.881

MIN RADIUS: 0.387

MAX RADIUS: 1.815

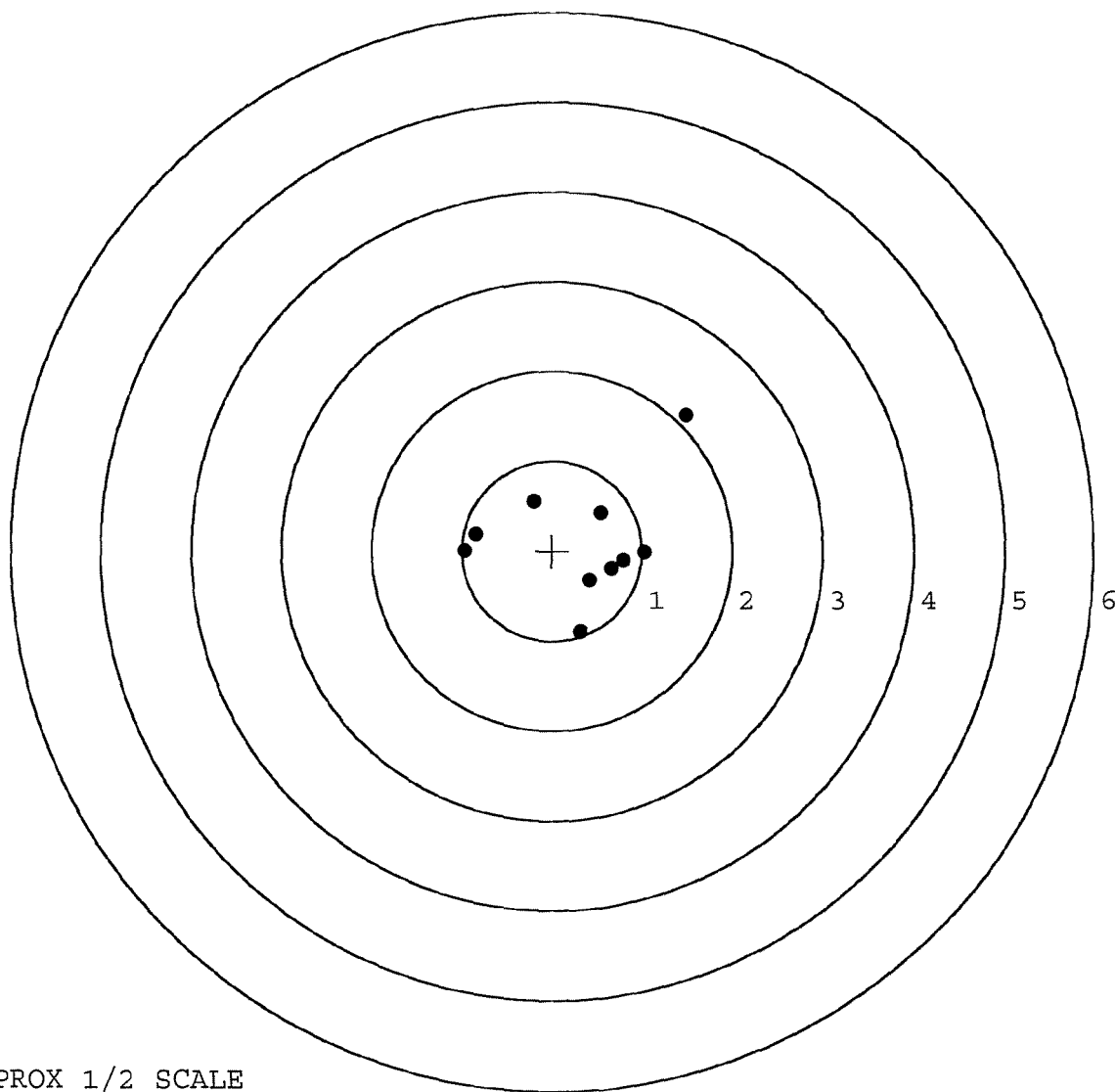
MEAN RADIUS: 0.851

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.319	-0.906
2:	0.417	-0.328
3:	0.658	-0.196
4:	0.787	-0.109
5:	1.029	-0.014
6:	-0.971	0.002
7:	-0.842	0.191
8:	-0.204	0.547
9:	0.541	0.432
10:	1.488	1.503

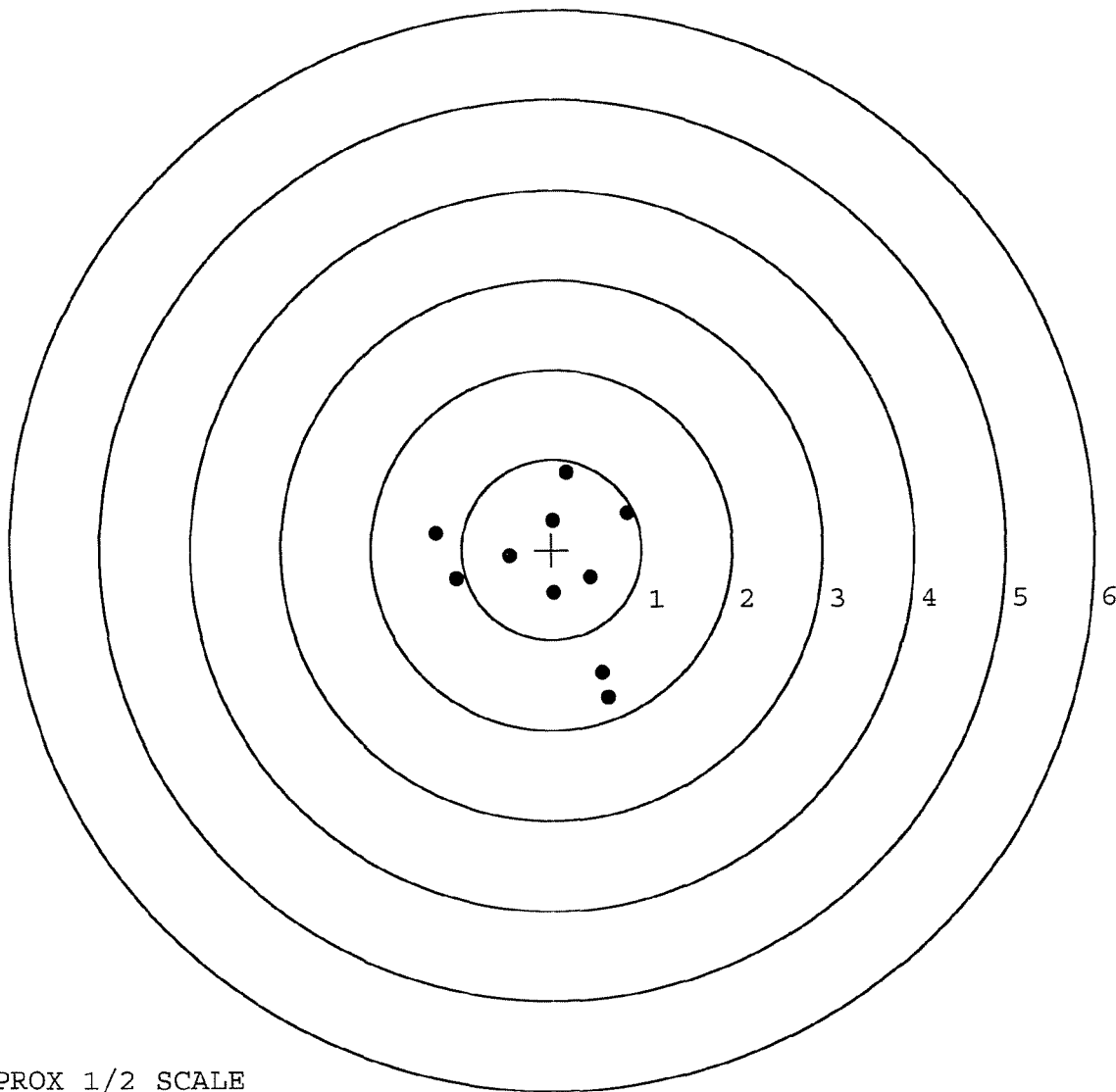


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: &6594582.___0
TARGET NUMBER: 5
FILE DATE: 11/26/2001
FILE TIME: 15:17

X CENTROID: -0.015
Y CENTROID: -0.244
POA TO CENTROID: 0.244
HORZ SPREAD: 2.110
VERT SPREAD: 2.497
GROUP SPREAD: 2.643
MIN RADIUS: 0.241
MAX RADIUS: 1.542
MEAN RADIUS: 0.911
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-1.276	0.186
2:	-1.056	-0.332
3:	-0.470	-0.073
4:	0.011	0.325
5:	0.164	0.854
6:	0.834	0.411
7:	0.430	-0.313
8:	0.021	-0.482
9:	0.561	-1.369
10:	0.632	-1.643



TARGET APPROX 1/2 SCALE

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594582.___0
FILE DATE AND TIME: 11/20/2001 09:51

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.107
The Average Y Centroid of the Five Target Set:	0.085
The Average Point of Impact of the Five Target Set:	0.137
The Average Mean Radius of the Five Target Set:	1.315
The Distance from POA to Centroid Target #1:	0.078
The Distance from Centroid Target #2 to Centroid Target #1:	0.188
The Distance from Centroid Target #3 to Centroid Target #1:	0.315
The Distance from Centroid Target #4 to Centroid Target #1:	0.177
The Distance from Centroid Target #5 to Centroid Target #1:	0.299

SERIAL NUMBER: C6594582.___0

TARGET NUMBER: 1

FILE DATE: 11/20/2001

FILE TIME: 09:51

X CENTROID: -0.034

Y CENTROID: -0.071

POA TO CENTROID: 0.078

HORZ SPREAD: 2.367

VERT SPREAD: 4.357

GROUP SPREAD: 4.357

MIN RADIUS: 0.545

MAX RADIUS: 2.722

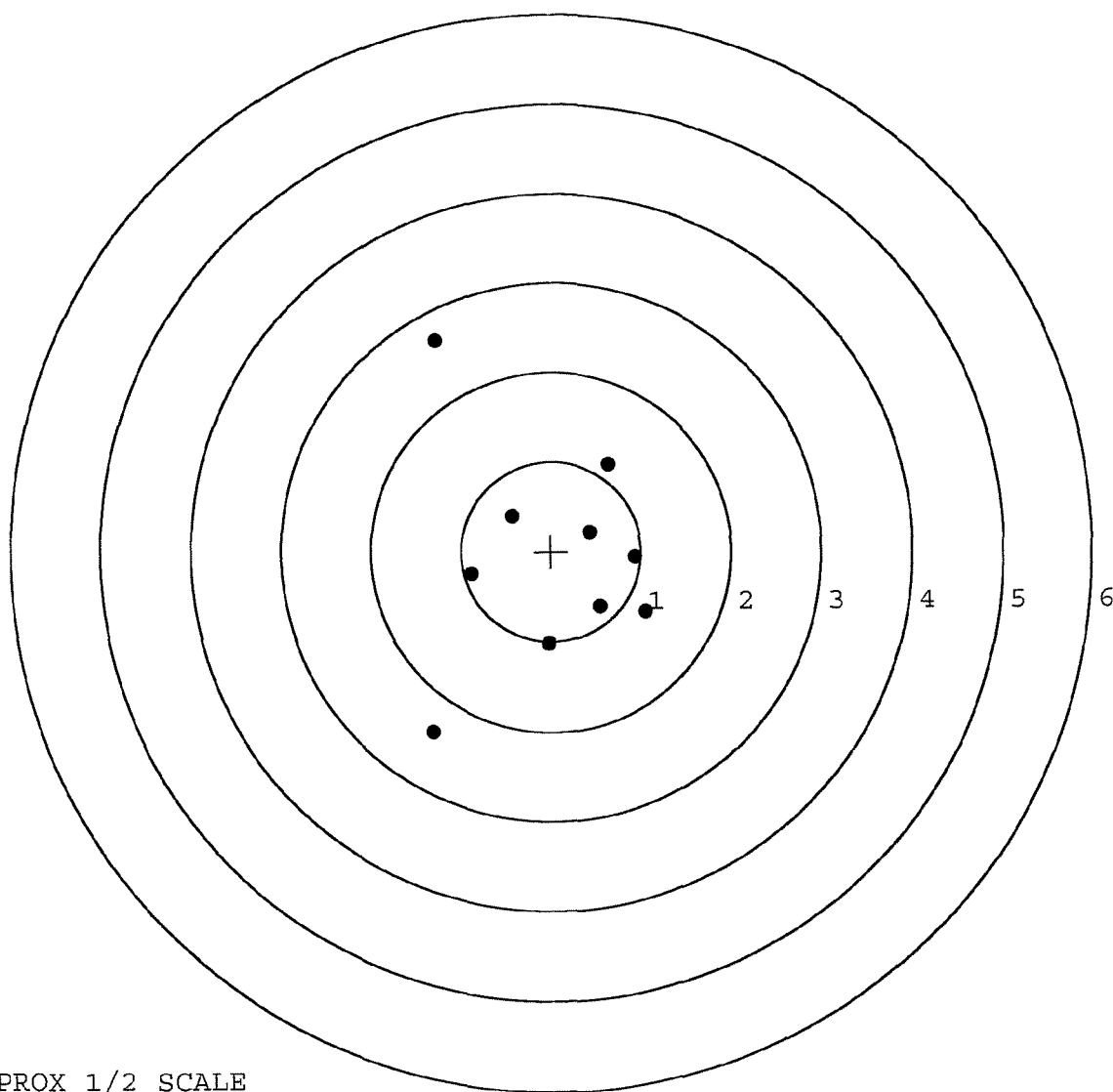
MEAN RADIUS: 1.228

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.645	0.969
2:	0.431	0.214
3:	-0.434	0.400
4:	0.939	-0.062
5:	1.049	-0.676
6:	0.541	-0.614
7:	-0.033	-1.033
8:	-0.881	-0.248
9:	-1.318	-2.006
10:	-1.276	2.351



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594582. __ 0

TARGET NUMBER: 2

FILE DATE: 11/20/2001

FILE TIME: 09:51

X CENTROID: -0.136

Y CENTROID: 0.087

POA TO CENTROID: 0.162

HORZ SPREAD: 3.342

VERT SPREAD: 2.673

GROUP SPREAD: 3.543

MIN RADIUS: 0.332

MAX RADIUS: 2.320

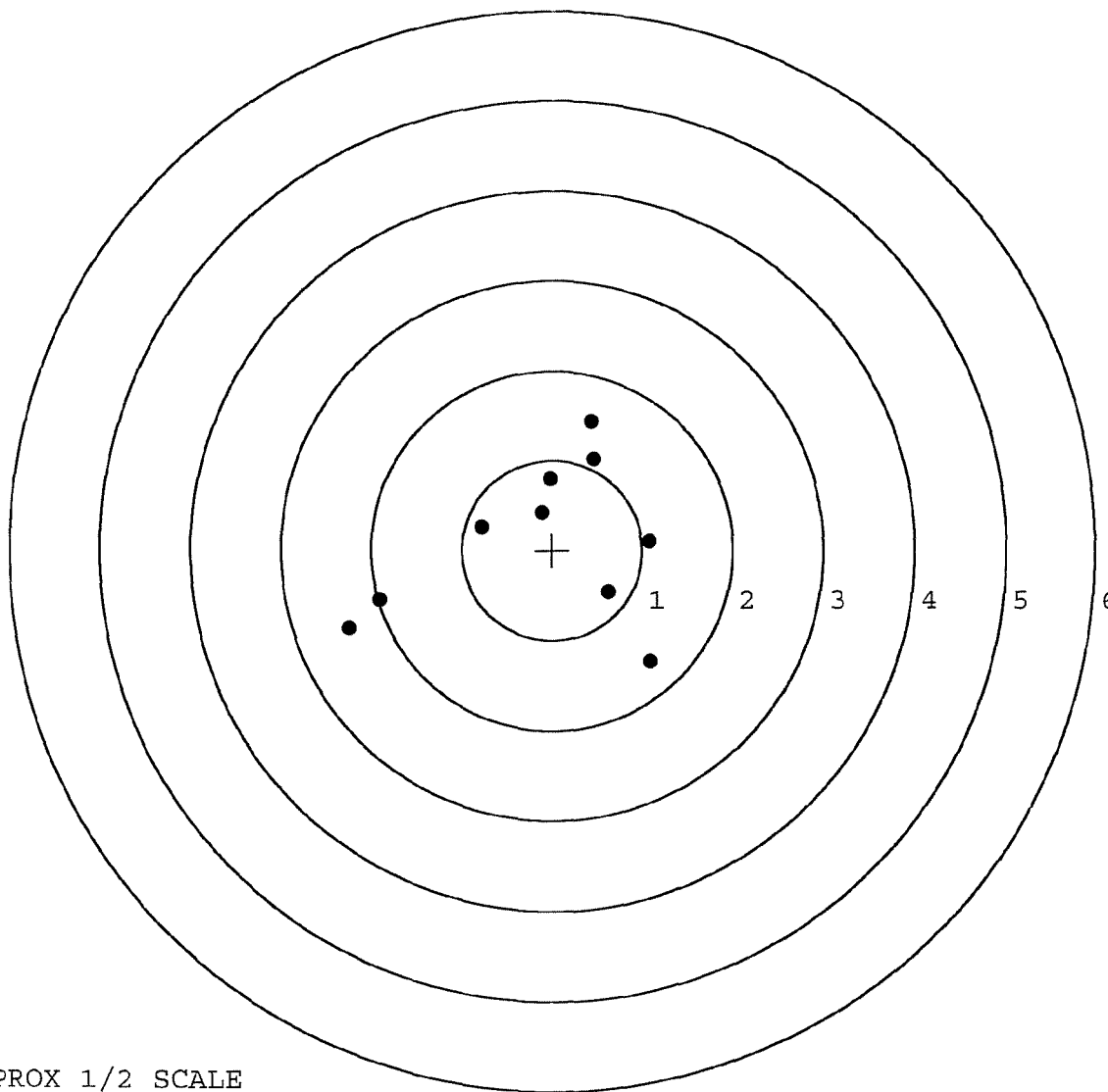
MEAN RADIUS: 1.247

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 7

POINT#	X	Y
1:	0.431	1.439
2:	0.466	1.016
3:	-0.030	0.792
4:	-0.115	0.418
5:	-0.784	0.256
6:	-1.902	-0.560
7:	-2.243	-0.886
8:	1.099	-1.234
9:	0.628	-0.472
10:	1.086	0.102



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594582.___0

TARGET NUMBER: 3

FILE DATE: 11/20/2001

FILE TIME: 09:51

X CENTROID: -0.288

Y CENTROID: 0.115

POA TO CENTROID: 0.310

HORZ SPREAD: 3.574

VERT SPREAD: 3.956

GROUP SPREAD: 4.362

MIN RADIUS: 0.390

MAX RADIUS: 2.352

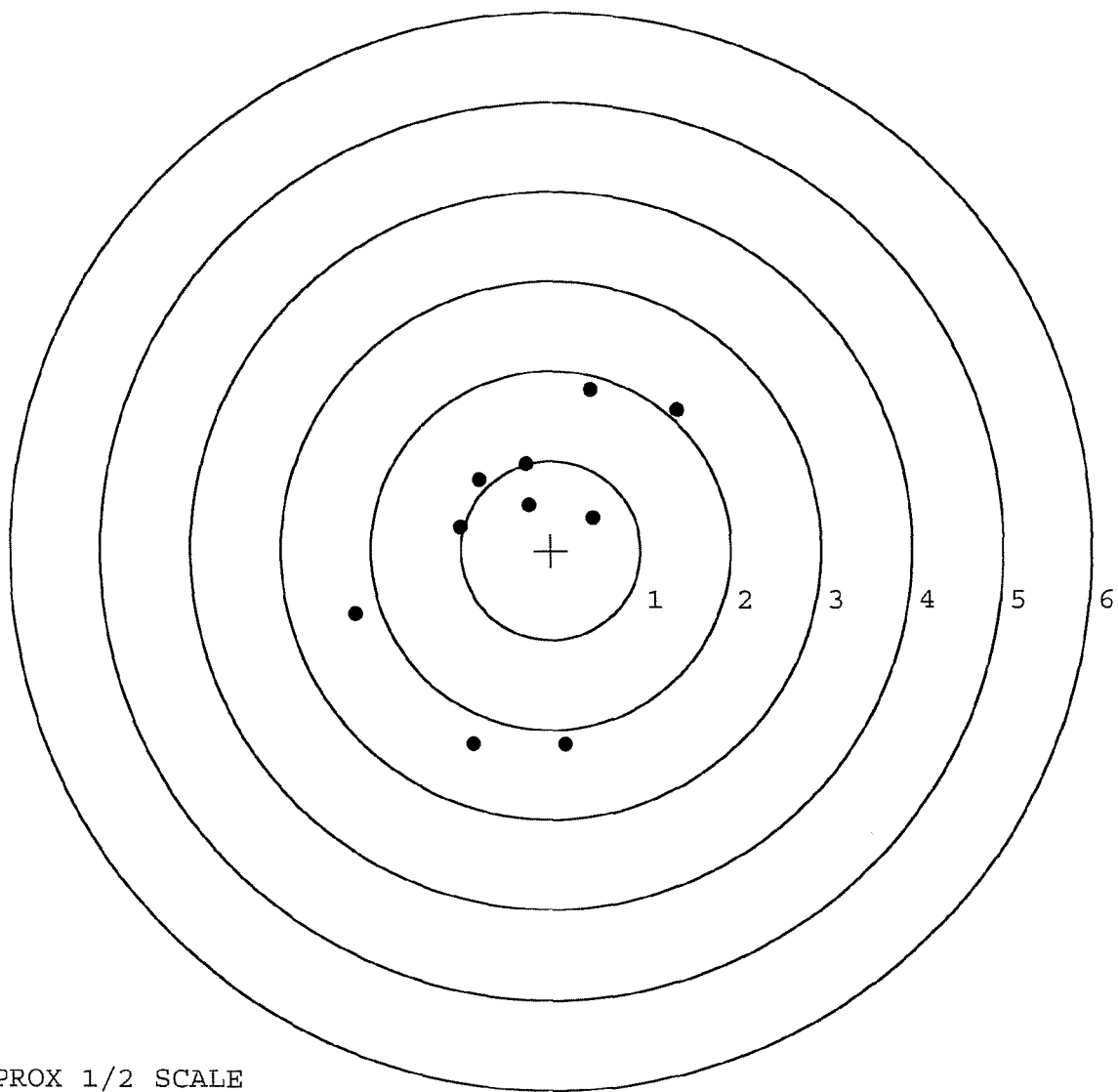
MEAN RADIUS: 1.441

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 5

POINT#	X	Y
1:	1.404	1.564
2:	0.440	1.789
3:	0.472	0.362
4:	-0.247	0.503
5:	-0.284	0.965
6:	-0.799	0.781
7:	-1.009	0.254
8:	-2.170	-0.731
9:	-0.855	-2.167
10:	0.171	-2.167

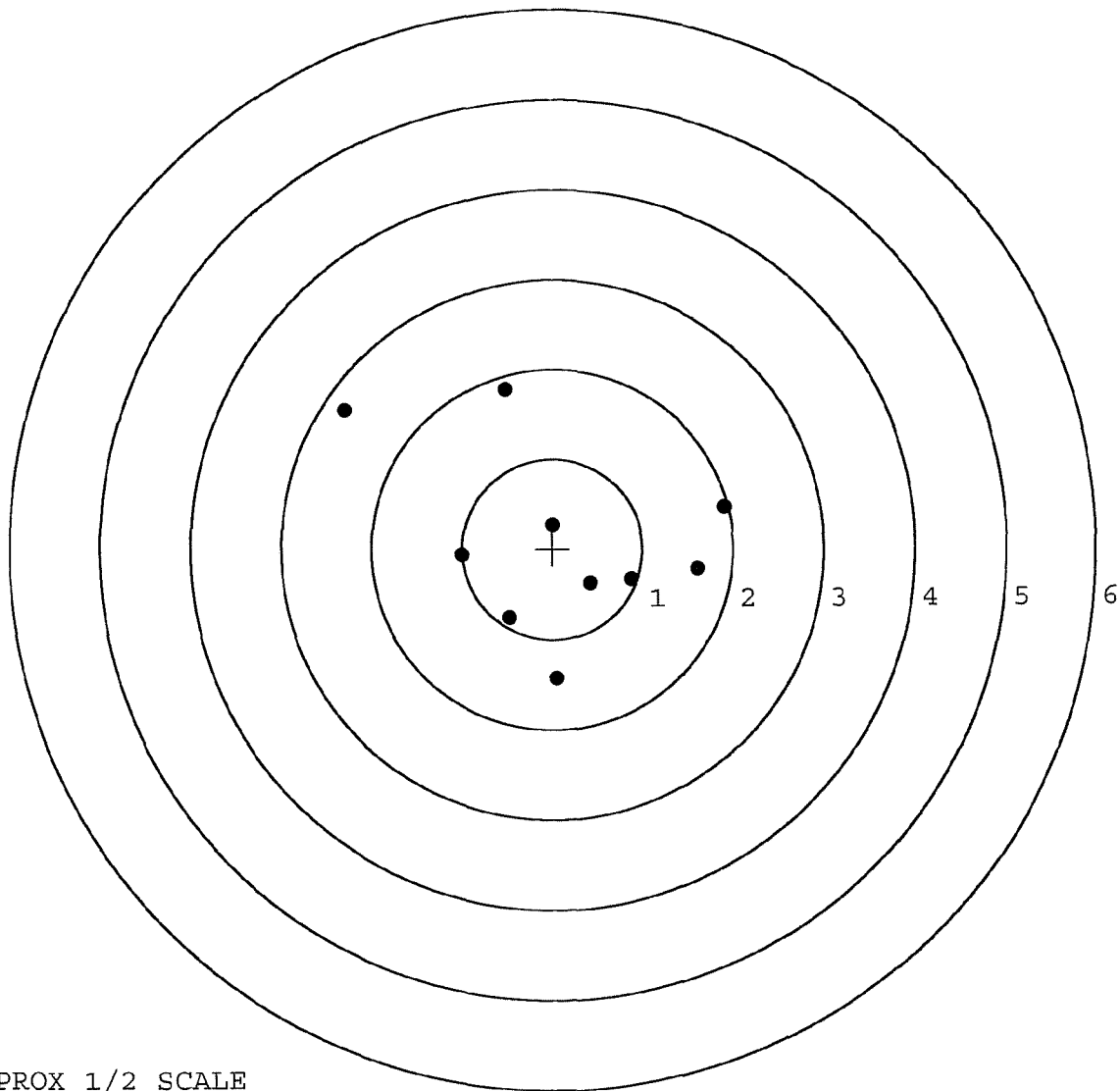


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594582.___0
TARGET NUMBER: 4
FILE DATE: 11/20/2001
FILE TIME: 09:51

X CENTROID: 0.057
Y CENTROID: 0.082
POA TO CENTROID: 0.100
HORZ SPREAD: 4.199
VERT SPREAD: 3.213
GROUP SPREAD: 4.337
MIN RADIUS: 0.189
MAX RADIUS: 2.769
MEAN RADIUS: 1.333
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 3
in 3 IN DIAMETER: 5

POINT#	X	Y
1:	1.903	0.459
2:	1.611	-0.228
3:	0.877	-0.340
4:	0.424	-0.382
5:	0.046	-1.439
6:	-0.485	-0.763
7:	-1.002	-0.067
8:	0.013	0.266
9:	-0.525	1.774
10:	-2.296	1.543



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594582.___0

TARGET NUMBER: 5

FILE DATE: 11/20/2001

FILE TIME: 09:51

POINT#	X	Y
1:	0.703	1.776
2:	0.361	1.793
3:	-0.099	1.410
4:	-0.496	1.041
5:	-0.884	0.689
6:	0.084	0.284
7:	0.731	-0.500
8:	0.297	-1.235
9:	-0.907	-1.608
10:	-1.130	-1.535

X CENTROID: -0.134

Y CENTROID: 0.212

POA TO CENTROID: 0.250

HORZ SPREAD: 1.861

VERT SPREAD: 3.401

GROUP SPREAD: 3.785

MIN RADIUS: 0.230

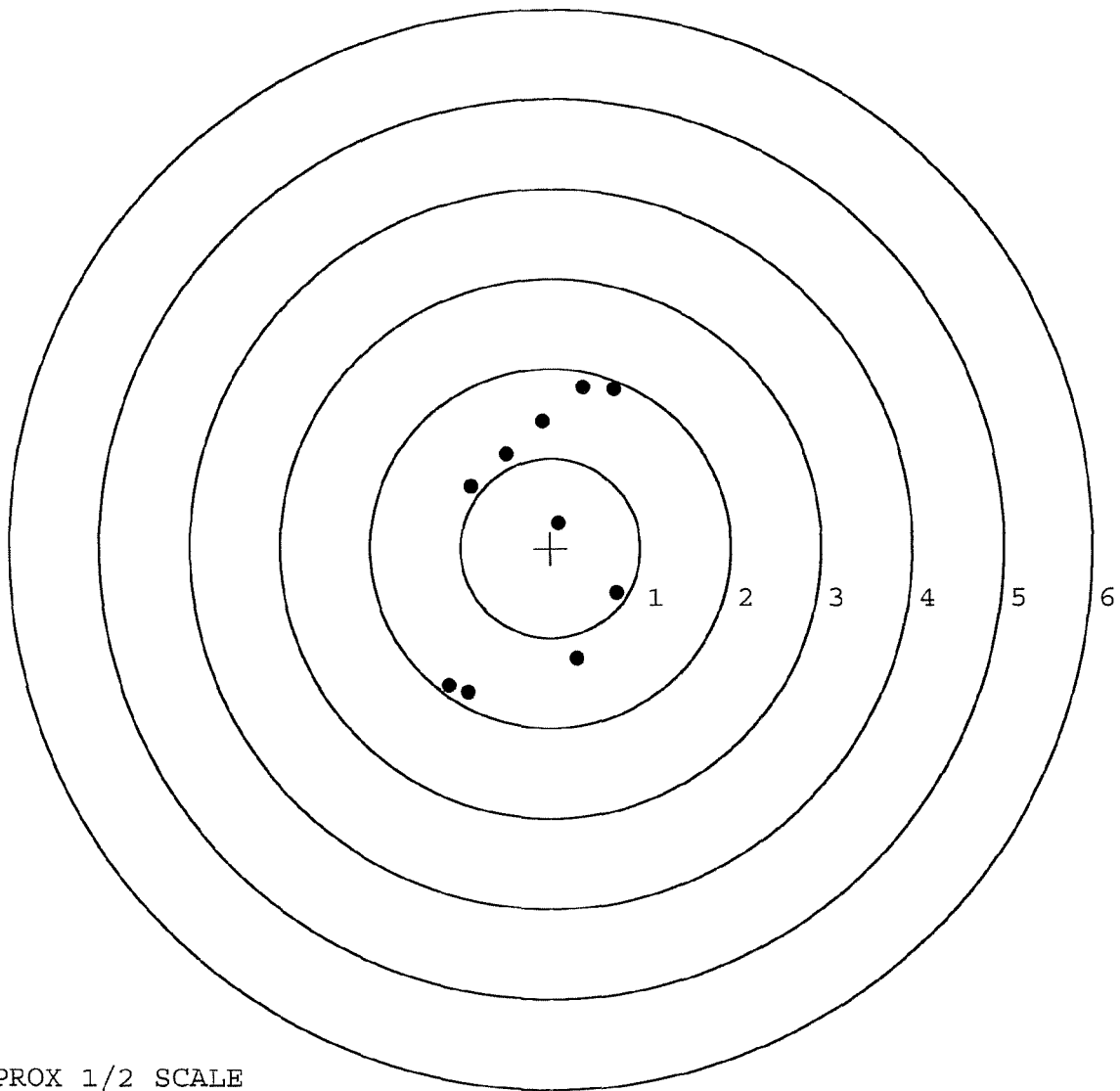
MAX RADIUS: 2.011

MEAN RADIUS: 1.327

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 3

in 3 IN DIAMETER: 5



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

R & E NUMBER	34891		
SERIAL NUMBER	C16594582		
LOG-IN DATE	11-1-01		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	11-5-01	RJR
560 A	RE-BARREL	11/6	BWT
B	DRILL AND TAP	11/7	BWT
575	ASSEMBLE	11-7-01	RW
600	PROOF	11-7-01	RW
605	CHECK HEADSPACE	11-7-01	RW
610	DIS-ASSEMBLE GUN	11-7-01	RW
612	MAGNAFLUX OPERATOR		
615	ROLLMARK CALIBER	11/12	(X)
618	ROTO-BLAST	11/14	K
620	APPLY COATINGS	11-15	TA
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	11-20-01	RW
655	FINAL INSPECT	11-28-0	R.L.
660	PACK	11-28-01	DA
		SHIP DATE	
	QAR INSPECTION DATE		

Final Inspection

In: C6594582

DATE REC'D: 11/1/01

DATE RET'D: 11/28/01

EDITOR: RHL

Item:

Barrel Assy.

- ☒ BARREL
- ☒ RECEIVER
- ☒ FRONT SIGHT BLOCK
- ☒ REAR SIGHT BLOCK
- ☒ SCREWS
- ☐ FINISH

Scope Assy.

- ☒ SCOPE
- ☒ SCOPE RINGS
- ☒ MOUNTING SCREWS
- ☒ MOUNTING BASE
- ☒ SCREWS
- ☒ FINISH
- ☒ LOOSENESS
- ☒ CLARITY

Misc.

- ☐ DD-250
- ☐ BAR CODE
- ☐ PACKAGING

Item:

Stock Assy.

- ☒ STOCK
- ☒ SLING SWIVEL STUDS
- ☒ ADJUSTABLE BUTT PLATE
- ☒ LOCK NUTS
- ☒ BARREL CLEARANCE
- ☒ COLOR/FINISH

Systems Case

- ☐ SCOPE CASE
- ☐ IRON SIGHTS
- ☐ DEPLOYMENT KIT

Trigger

- ☒ SAFETY OPERATION
- ☒ SET
- ☐

Comments: _____

Remington



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

MODEL 700TM H24

SERIAL NO.

C6594582

ORDER NO.

5716

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

20



5716 C6594582

UPC



0 47700 25716 7

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400019740

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6594582

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1228	90	RW
600	Proof	1228	90	RW
607	Check Headspace	1228	90	RW
610	Dis-assemble Gun	1228	90	RW
612	Magnaflux Barrel Action		1-7-91	KR
	Magnaflux Bolt		1-7-91	KR
615	Rollmark Caliber		1-7-91	LS
617	Drill and Tap Sight Holes	1 10	91	FB
618	Polish Barrel	1 10	91	WB
620	Apply Coatings (Barrel Action)		1-26-91	DT
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		1/28/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/28/91	RW
	C) Inspect Ejector Hole for Chamfer		1/28/91	RW
	D) Oil Firing Pin Ass'y		1/28/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2/6/91	PL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			7/6/91	WB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			7/6/91	WB
	H) Trigger Pull Test & Retainability						2/6/91	gm
	I) Firing Pin Indent	.022	.023	.0225			7/6/91	WB
	J) Assemble Stock						2/7/91	RW
	K) Assemble Swivel Studs						2-21-91	AC
	L) Attach Front and Rear Sight Assemblies						2/7/91	RW
	M) Iron Sight Alignment						2/7/91	RW
	N) Detach Front & Rear Sights & place in numbered container						2/7/91	RW
	O) Attach Scope to Rifle						2/7/91	RW
	P) Detach & Attach Scope 20 Times						2/7/91	RW
640	Gallery Target & Test						2-7-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						2-7-91	NF
655	Final Inspection							
	A) Headspace						2-21-91	AC
	B) Trigger Pull	2.59	2.61	2.65	2.63	2.57	7/18/91	WB
	C) Function						2-21-91	AC
660	Pack						3-14/91	NF

SWS TRIGGER PULL TEST

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

SERIAL NO. C6594582

DATE 2/6/91

TESTER [Signature]

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.33	2.40	2.28	2.59	MIN. SETTING,
PULL #2	2.29	2.44	2.29	2.61	NO AVG. OF 5
PULL #3	2.29	2.28	2.20	2.65	READINGS ACCEPT-
PULL #4	2.40	2.51	2.34	2.63	ABLE LESS THAN 2#
PULL #5	2.39	2.32	2.39	2.57	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.29	3.20		
PULL #2	3.32	3.34		
PULL #3	3.36	3.38		
PULL #4	3.19	3.27		
PULL #5	3.20	3.37		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.27	4.10		4.39
PULL #2	4.41	4.46		4.58
PULL #3	4.46	4.31		4.58
PULL #4	4.35	4.30		4.54
PULL #5	4.43	4.21		4.40
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06594582
8 Feb 1991

CENTROIDAL DISTANCES

0 TO	1	.292289
1 TO	2	.145523
1 TO	3	.249303
1 TO	4	.299448
1 TO	5	.238296

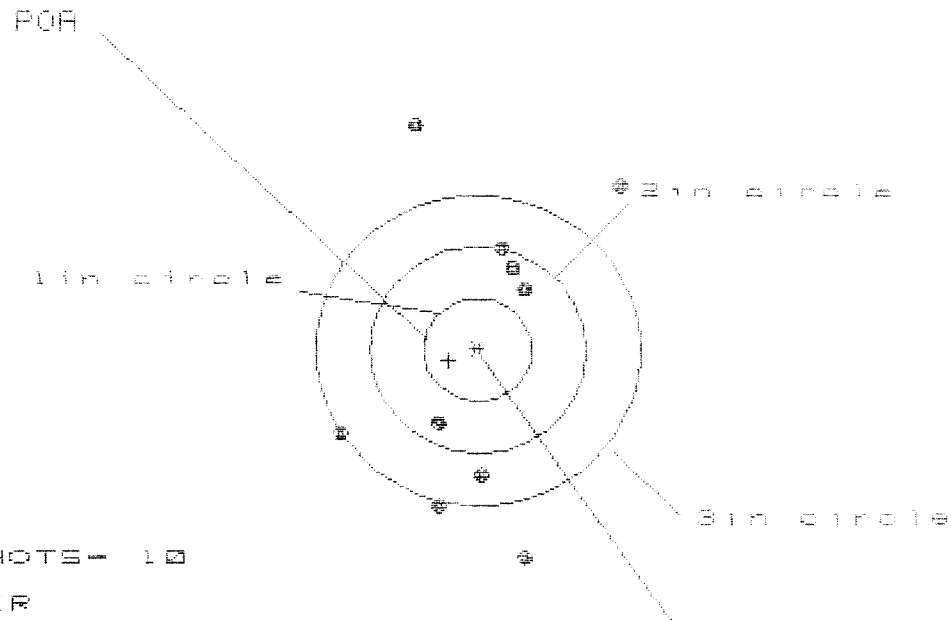
←----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1202
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0266
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .123108
THE AMR FOR THIS RIFLE IS: .9962

8 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C65945B2

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1 in = 0

2 in = 0

3 in = 6

HS = 2.570

VS = 4.122

GS = 4.243

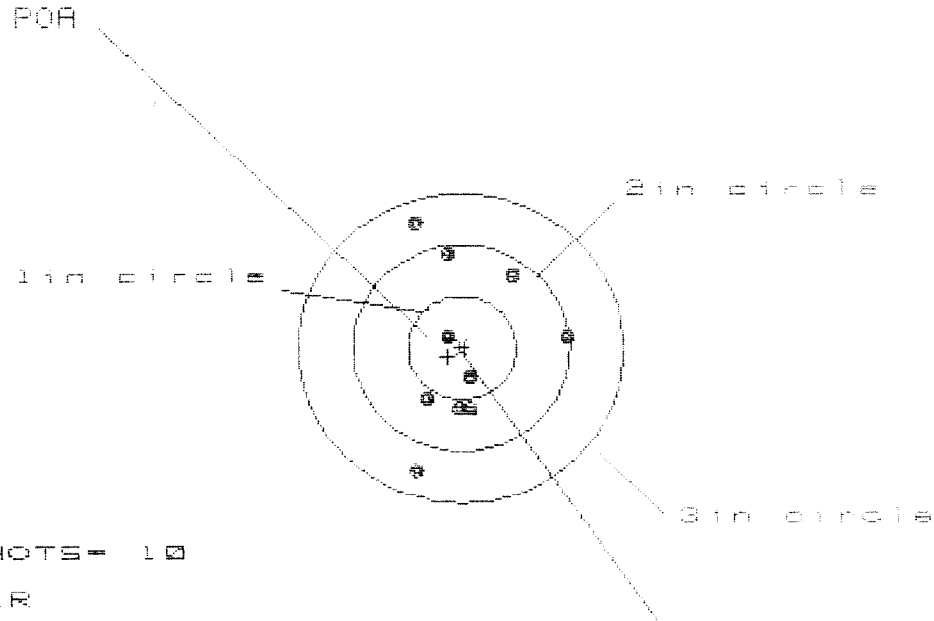
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.300	1.232	.481
MINIMUM X	-1.270	-1.338	-1.184
MAXIMUM Y	2.144	1.866	1.490
MINIMUM Y	-1.978	-1.739	-1.506
CENTROID X	.272	.340	.186
CENTROID Y	.107	-.132	-.365
POA TO CENTROID in.	.292	.365	.410
MIN RADIUS	.691	.612	.341
MEAN RADIUS	1.401	1.294	1.128
MAX RADIUS	2.236	2.235	1.581
HORIZONTAL SPREAD	2.570	2.570	1.665
VERTICAL SPREAD	4.122	3.695	2.996
EXTREME SPREAD	4.243	3.717	3.061
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	0		
NUMBER IN THREE INCH CIRCLE =	6		

8 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594582

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 2

2in = 0

3in = 10

HS = 1.405

VS = 2.383

GS = 2.383

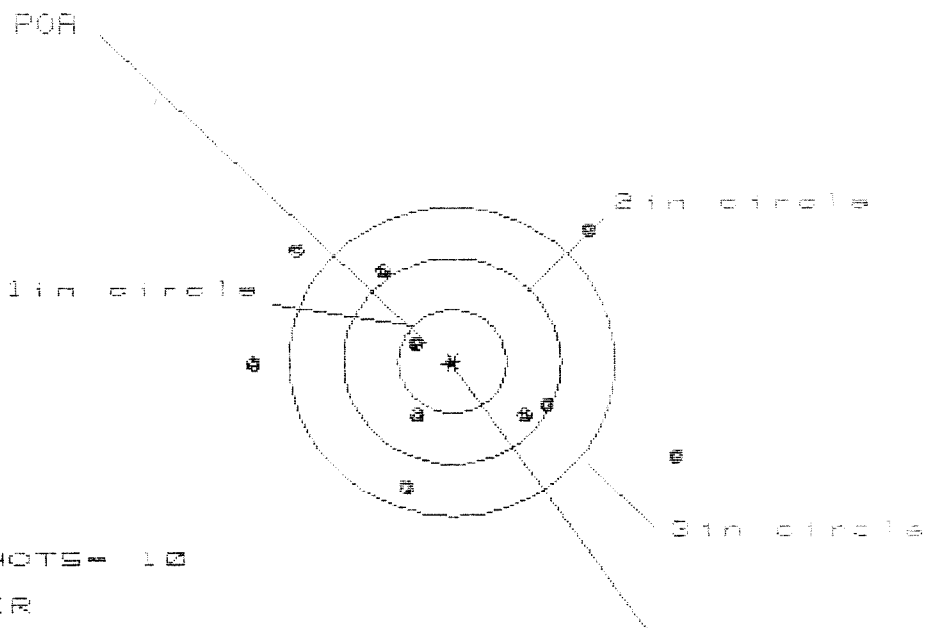
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.967	.919	.863
MINIMUM X	:	-.438	-.448	-.412
MAXIMUM Y	:	1.229	1.030	.983
MINIMUM Y	:	-1.154	-1.018	-.590
CENTROID X	:	.128	.176	.232
CENTROID Y	:	.086	-.050	.077
POA TO CENTROID in.	:	.154	.183	.245
MIN RADIUS	:	.215	.170	.295
MEAN RADIUS	:	.758	.672	.635
MAX RADIUS	:	1.304	1.112	.945
HORIZONTAL SPREAD	:	1.405	1.367	1.275
VERTICAL SPREAD	:	2.383	2.048	1.493
EXTREME SPREAD	:	2.383	2.061	1.497
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			8	
NUMBER IN THREE INCH CIRCLE =			10	

8 Feb 1981

FILE:/PATTERNING/CENTERFIRE_PATT/C6594582

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 1

2in = 4

3in = 6

HS = 3.922

VS = 2.515

GS = 4.063

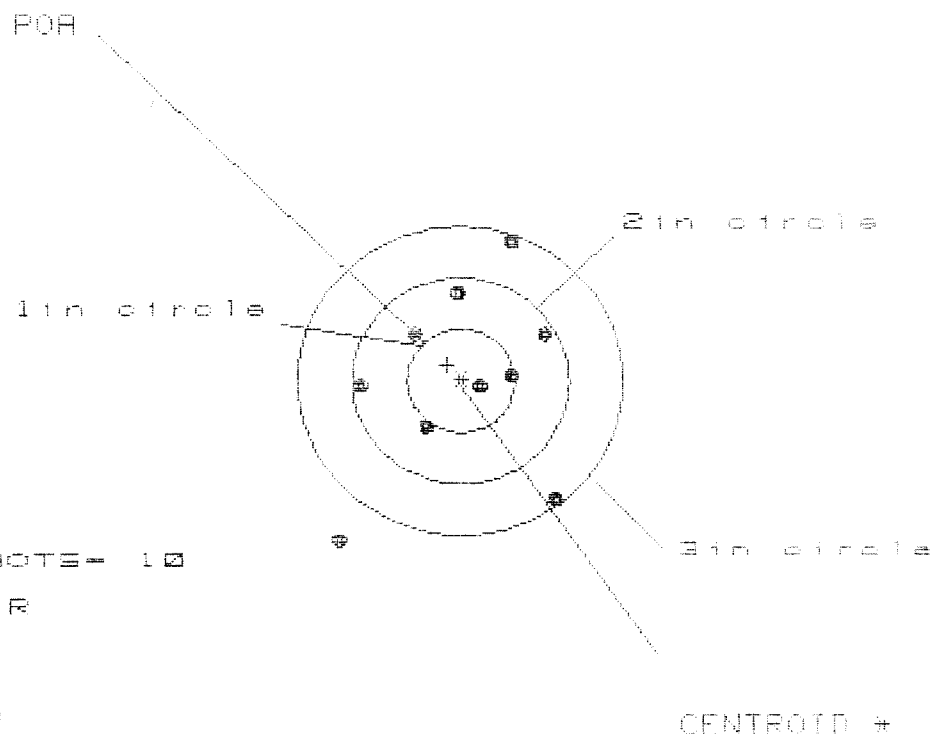
CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.104	1.489	1.291
MINIMUM X	-1.818	-1.584	-1.439
MAXIMUM Y	1.313	1.214	1.205
MINIMUM Y	-1.202	-1.301	-1.310
CENTROID X	.038	-.196	.002
CENTROID Y	.021	.120	.129
POA TO CENTROID in.	.044	.229	.129
MIN RADIUS	.381	.142	.298
MEAN RADIUS	1.280	1.140	1.089
MAX RADIUS	2.283	1.921	1.766
HORIZONTAL SPREAD	3.922	3.073	2.730
VERTICAL SPREAD	2.515	2.515	2.515
EXTREME SPREAD	4.063	3.333	3.018
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	6		

8 Feb 1981

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 9

HS= 2.007

VS= 2.976

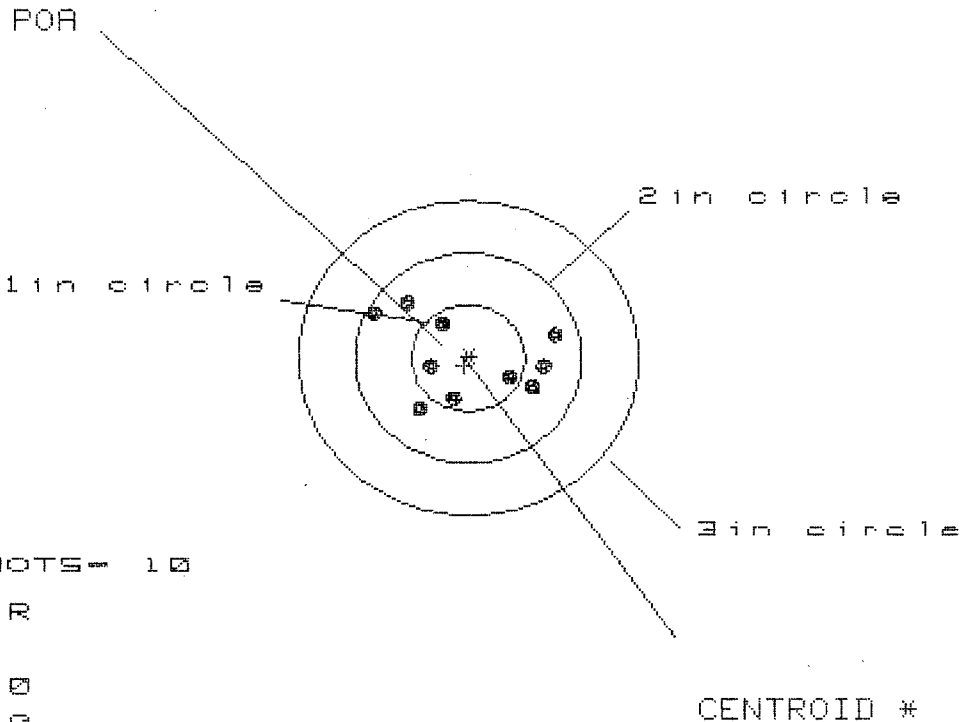
GS= 3.400

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.863	.735	.784
MINIMUM X	:	-1.145	-1.042	-.993
MAXIMUM Y	:	1.394	1.218	.815
MINIMUM Y	:	-1.582	-1.348	-1.196
CENTROID X	:	.127	.254	.205
CENTROID Y	:	-.155	.021	-.131
POA TO CENTROID in.	:	.206	.255	.243
MIN RADIUS	:	.211	.207	.137
MEAN RADIUS	:	.947	.808	.742
MAX RADIUS	:	1.953	1.536	1.430
HORIZONTAL SPREAD	:	2.007	1.777	1.777
VERTICAL SPREAD	:	2.976	2.566	2.011
EXTREME SPREAD	:	3.400	2.589	2.180
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

8 Feb 1991

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 4

2in = 10

3in = 10

HS= 1.620

VS= 1.087

GS= 1.632

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.779	.685	.693
MINIMUM X	:	-.841	-.583	-.497
MAXIMUM Y	:	.569	.616	.650
MINIMUM Y	:	-.518	-.471	-.437
CENTROID X	:	.036	.130	.044
CENTROID Y	:	.074	.027	-.007
POA TO CENTROID in.	:	.083	.132	.045
MIN RADIUS	:	.332	.295	.270
MEAN RADIUS	:	.595	.549	.515
MAX RADIUS	:	.941	.848	.818
HORIZONTAL SPREAD	:	1.620	1.268	1.190
VERTICAL SPREAD	:	1.087	1.087	1.087
EXTREME SPREAD	:	1.632	1.452	1.353
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		10	
NUMBER IN THREE INCH CIRCLE	=		10	