

C6611408

MODEL 700™ M24

Model **SWS**™

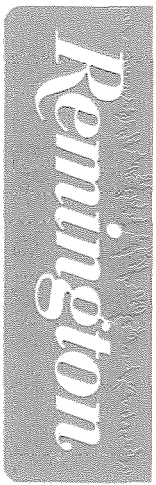
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Serial Number: C66 1 1 408
Model: 700



RE00034334

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611408.___0
FILE DATE AND TIME: 11/01/2001 04:08

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

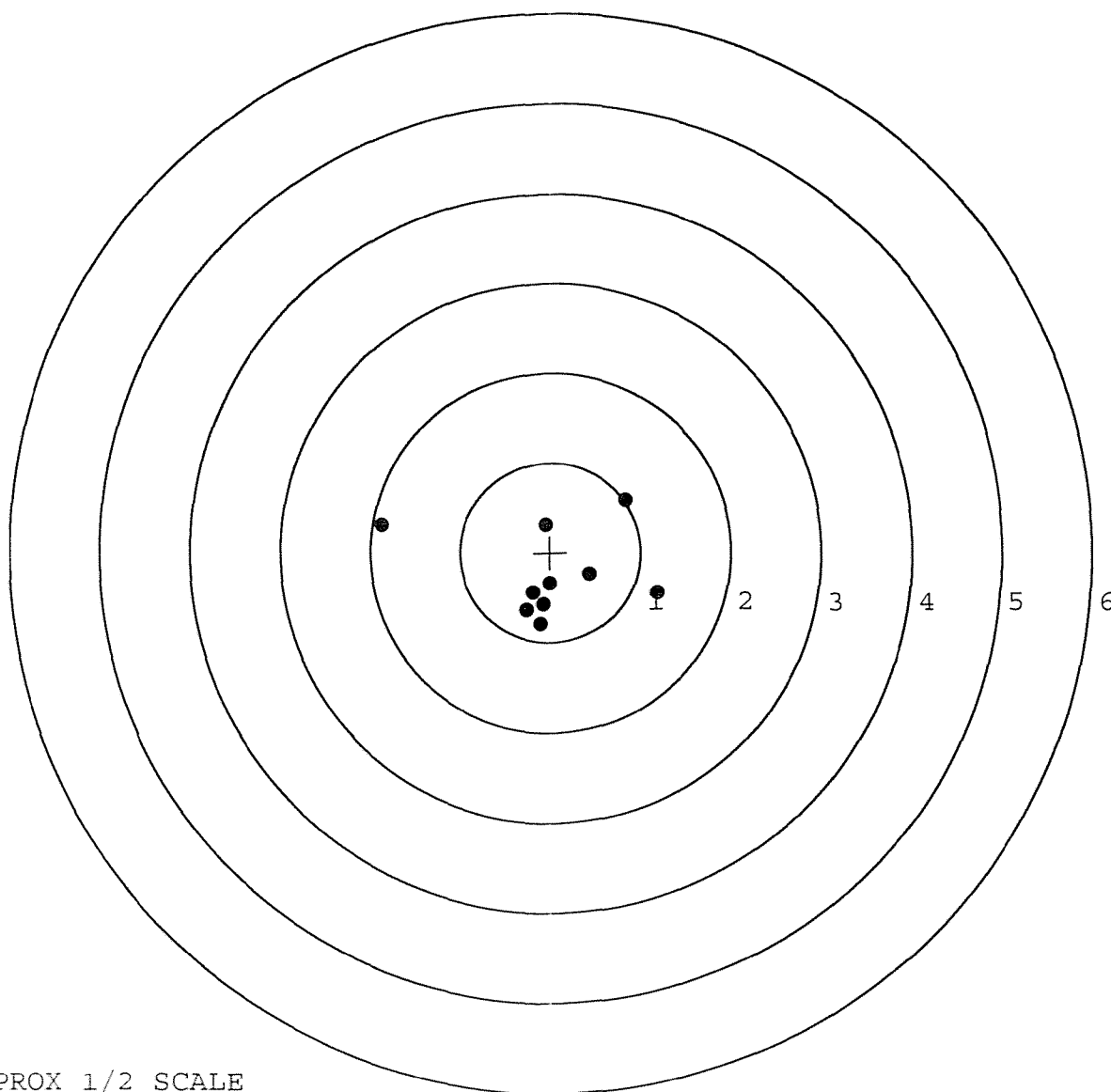
The Average X Centroid of the Five Target Set:	0.036
The Average Y Centroid of the Five Target Set:	0.072
The Average Point of Impact of the Five Target Set:	0.080
The Average Mean Radius of the Five Target Set:	0.897
The Distance from POA to Centroid Target #1:	0.233
The Distance from Centroid Target #2 to Centroid Target #1:	0.389
The Distance from Centroid Target #3 to Centroid Target #1:	0.321
The Distance from Centroid Target #4 to Centroid Target #1:	0.657
The Distance from Centroid Target #5 to Centroid Target #1:	0.311

SERIAL NUMBER: C6611408. __0
TARGET NUMBER: 1
FILE DATE: 11/01/2001
FILE TIME: 04:08

X CENTROID: -0.013
Y CENTROID: -0.233
POA TO CENTROID: 0.233
HORZ SPREAD: 3.060
VERT SPREAD: 1.387
GROUP SPREAD: 3.153
MIN RADIUS: 0.114
MAX RADIUS: 1.942
MEAN RADIUS: 0.714

IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.830	0.586
2:	1.182	-0.454
3:	0.436	-0.252
4:	-0.048	0.313
5:	-1.878	0.308
6:	-0.011	-0.347
7:	-0.192	-0.450
8:	-0.265	-0.646
9:	-0.112	-0.801
10:	-0.075	-0.586

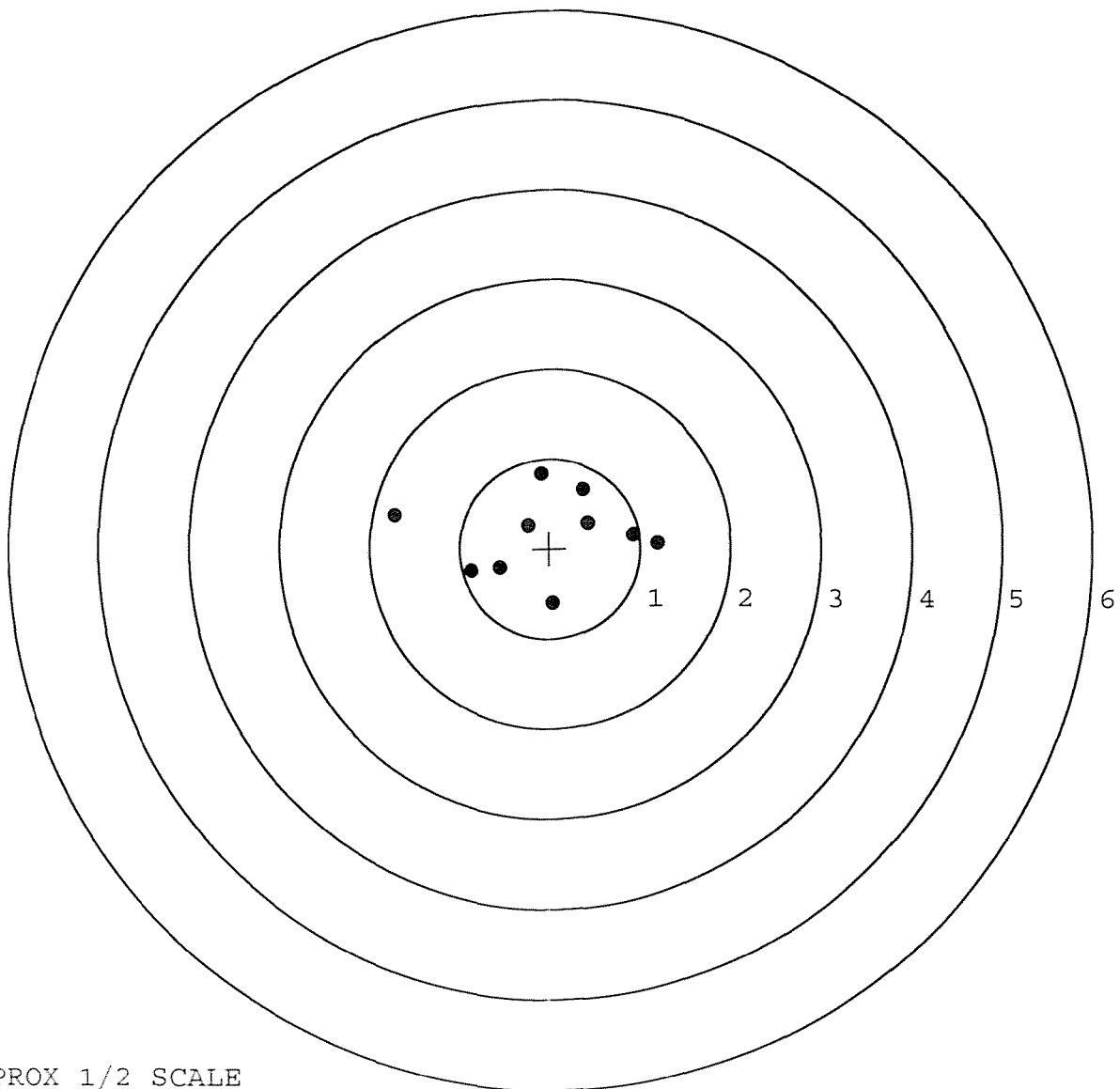


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611408. __0
TARGET NUMBER: 2
FILE DATE: 11/01/2001
FILE TIME: 04:08

POINT#	X	Y
1:	0.373	0.658
2:	0.426	0.283
3:	0.925	0.154
4:	1.192	0.066
5:	0.036	-0.613
6:	-0.547	-0.208
7:	-0.871	-0.250
8:	-0.240	0.257
9:	-0.099	0.829
10:	-1.731	0.361

X CENTROID: -0.054
Y CENTROID: 0.154
POA TO CENTROID: 0.163
HORZ SPREAD: 2.923
VERT SPREAD: 1.442
GROUP SPREAD: 2.938
MIN RADIUS: 0.213
MAX RADIUS: 1.690
MEAN RADIUS: 0.826
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

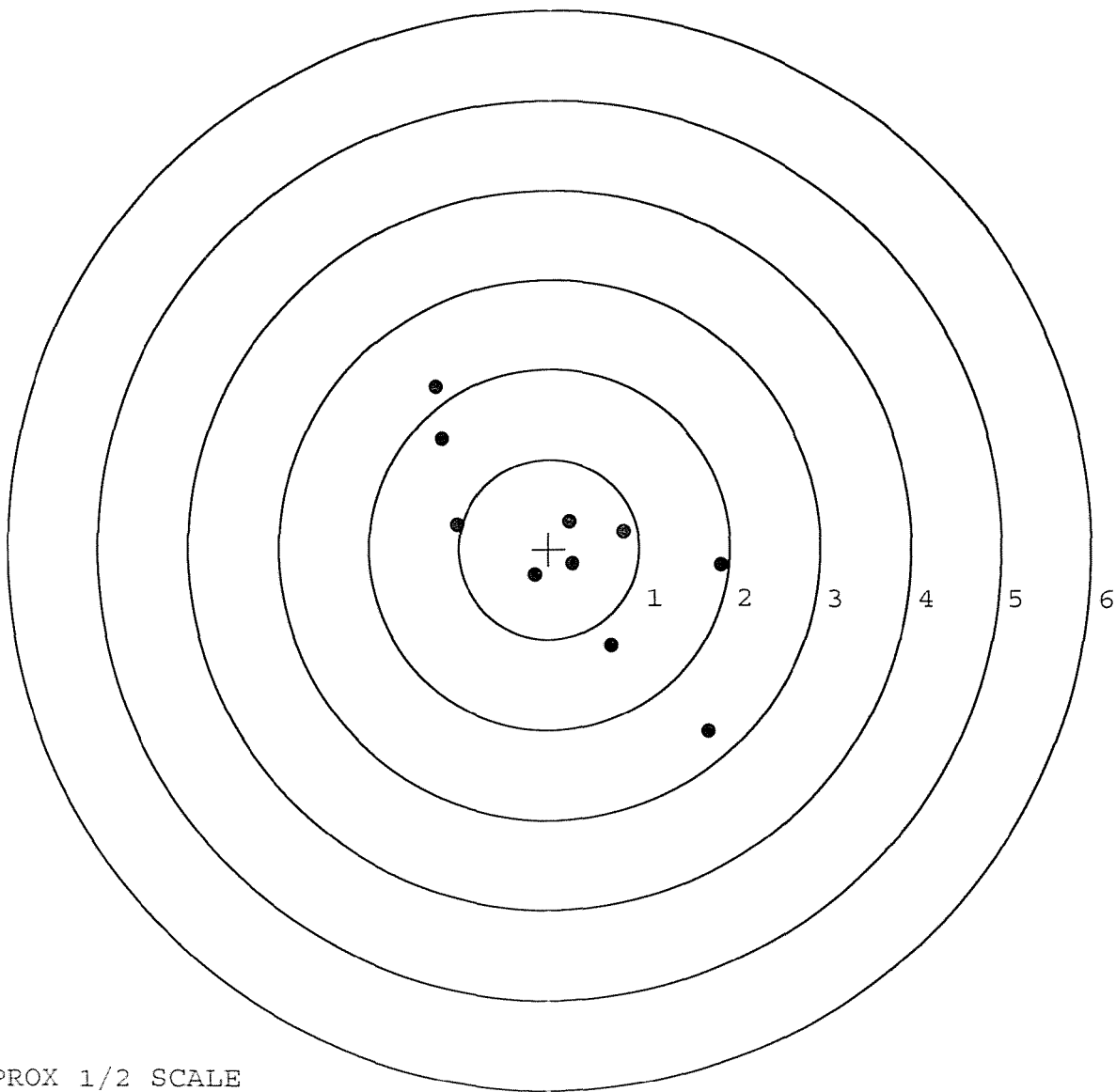


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611408.0
TARGET NUMBER: 3
FILE DATE: 11/01/2001
FILE TIME: 04:08

X CENTROID: 0.204
Y CENTROID: 0.003
POA TO CENTROID: 0.204
HORZ SPREAD: 3.171
VERT SPREAD: 3.818
GROUP SPREAD: 4.872
MIN RADIUS: 0.180
MAX RADIUS: 2.555
MEAN RADIUS: 1.247
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 6

POINT#	X	Y
1:	-1.266	1.795
2:	-1.191	1.223
3:	-1.022	0.262
4:	0.221	0.304
5:	-0.154	-0.291
6:	0.260	-0.168
7:	0.823	0.188
8:	0.699	-1.079
9:	1.905	-0.180
10:	1.761	-2.023

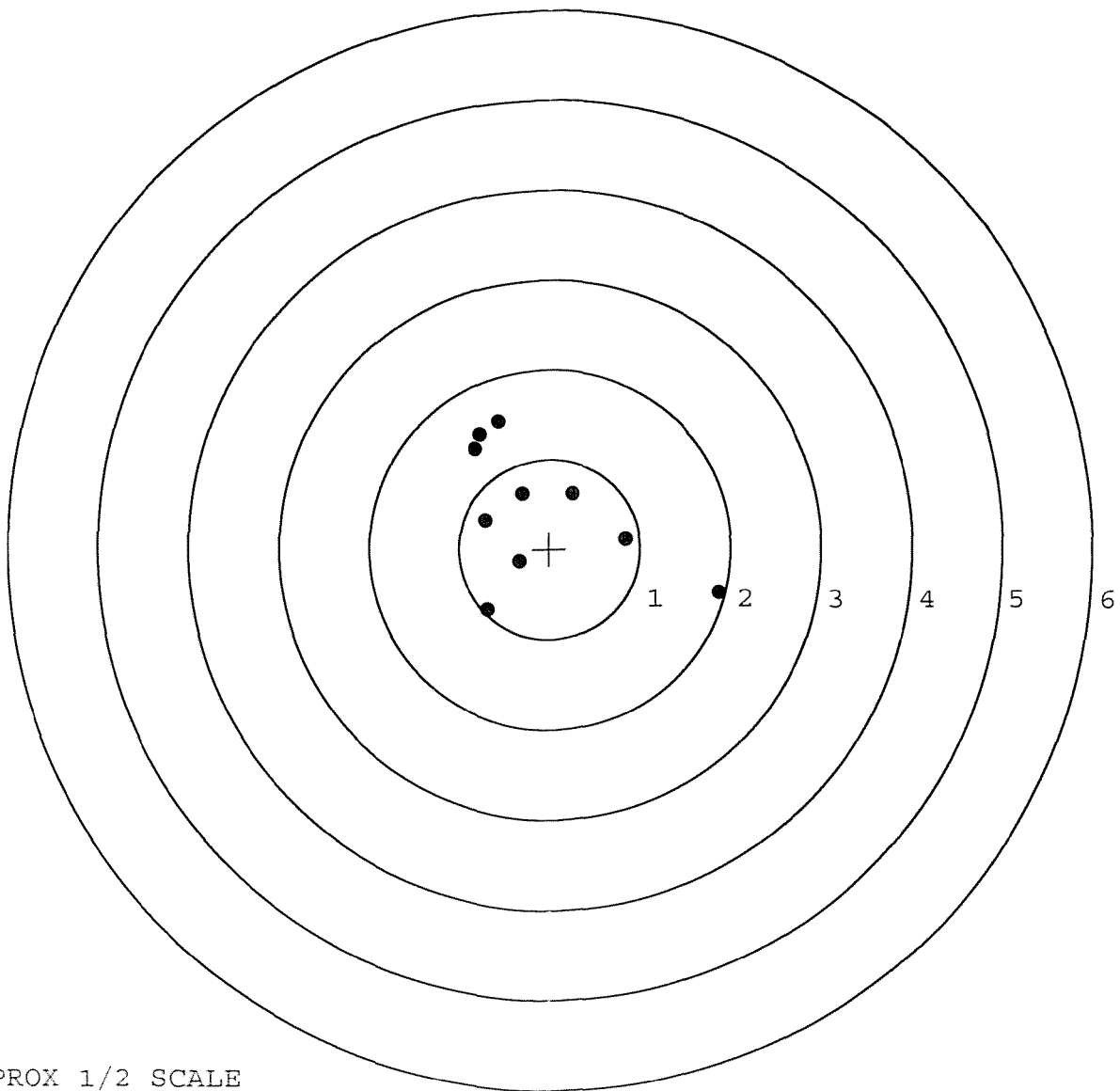


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611408. __0
TARGET NUMBER: 4
FILE DATE: 11/01/2001
FILE TIME: 04:08

POINT#	X	Y
1:	0.259	0.608
2:	0.843	0.109
3:	1.868	-0.490
4:	-0.330	-0.136
5:	-0.686	-0.676
6:	-0.713	0.314
7:	-0.303	0.615
8:	-0.569	1.423
9:	-0.772	1.276
10:	-0.824	1.110

X CENTROID: -0.123
Y CENTROID: 0.415
POA TO CENTROID: 0.433
HORZ SPREAD: 2.692
VERT SPREAD: 2.099
GROUP SPREAD: 3.176
MIN RADIUS: 0.269
MAX RADIUS: 2.187
MEAN RADIUS: 0.948
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 9

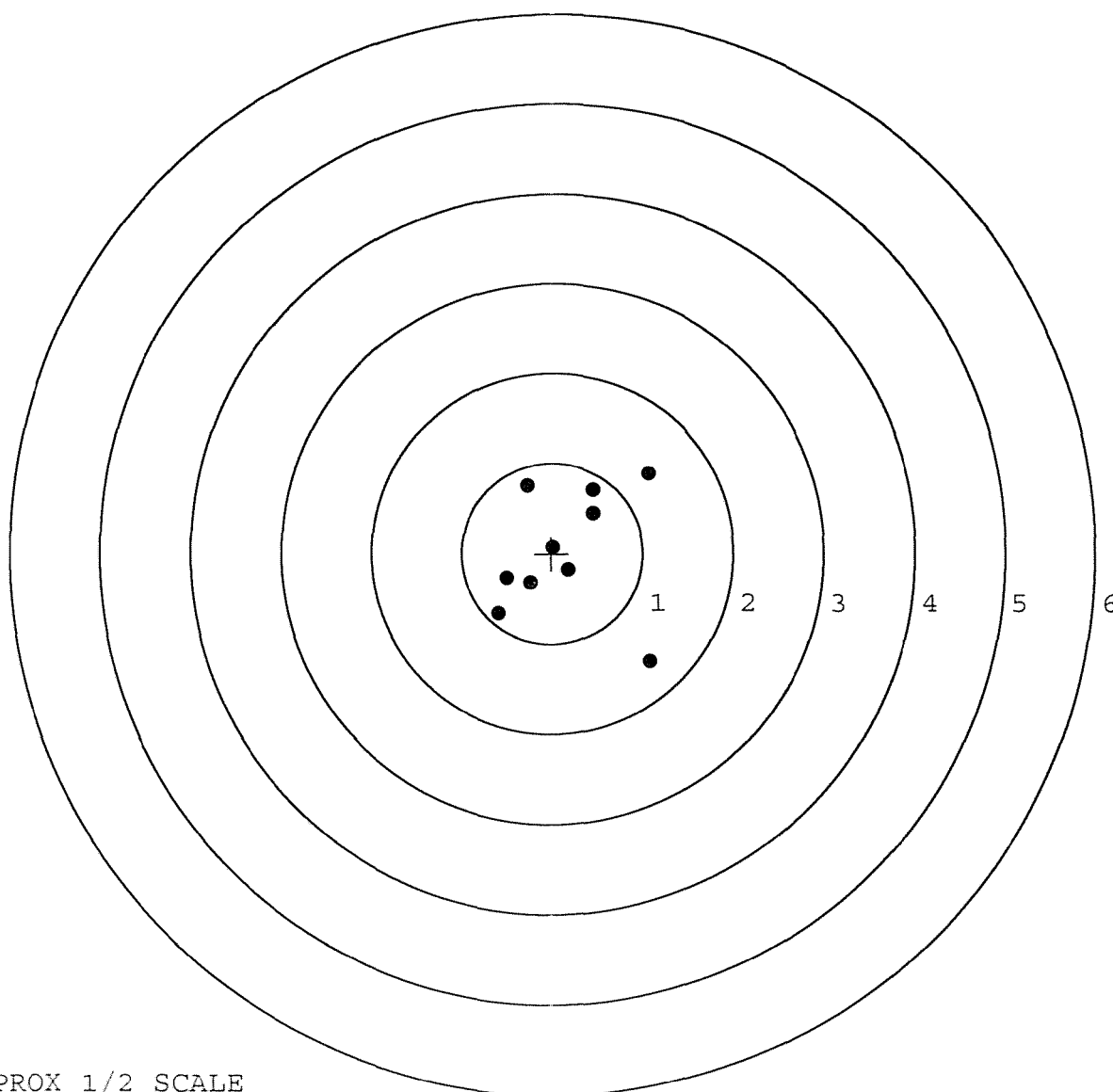


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611408. __0
TARGET NUMBER: 5
FILE DATE: 11/01/2001
FILE TIME: 04:08

POINT#	X	Y
1:	1.066	0.879
2:	0.457	0.704
3:	0.459	0.440
4:	0.183	-0.185
5:	0.016	0.071
6:	-0.495	-0.273
7:	-0.234	-0.326
8:	-0.589	-0.661
9:	-0.267	0.751
10:	1.085	-1.205

X CENTROID: 0.168
Y CENTROID: 0.020
POA TO CENTROID: 0.169
HORZ SPREAD: 1.674
VERT SPREAD: 2.084
GROUP SPREAD: 2.378
MIN RADIUS: 0.161
MAX RADIUS: 1.530
MEAN RADIUS: 0.752
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

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

R & E NUMBER 34334			
SERIAL NUMBER C66611408			
LOG-IN DATE 10-22-01			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-23-01	RH
560 A	RE-BARREL AT CUSTOM SHOP	10/24/01	ISWT
B	DRILL AND TAP	10/24/01	ISWT
C	POLISH		
575	ASSEMBLE	10-25-01	RH
600	PROOF	10-25-01	AG
605	CHECK HEADSPACE	10-26-01	HP
610	DIS-ASSEMBLE GUN	10-26-01	HP
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS	10/31	HP
625 A	FINAL ASSEMBLY	10-31-01	RW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	11-1-01	AC
655	FINAL INSPECT	11-2-01	RW
660	PACK	11-3-01	RA
		SHIP DATE	
		QAR INSPECTION DATE	

Remington [®]		 REG. U.S. PAT. & TM. OFF.	VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700TM M24			SERIAL NO. C6611408
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.		20	ORDER NO. 5716



5716 C6611408

UPC



0 47700 25716 7

M-24

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611408

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		91	RW
600	Proof	1 25	91	RW
607	Check Headspace	1 25	91	RW
610	Dis-assemble Gun		91	RW
612	Magnaflux Barrel Action	1 25	91	KR
	Magnaflux Bolt	1 25	91	KR
615	Rollmark Caliber	1 25	91	JS
617	Drill and Tap Sight Holes	1 30	91	FB
618	Polish Barrel <i>AB</i>	1 30	91	WB
620	Apply Coatings (Barrel Action)		2-10-91	TA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		2/11/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/11/91	RW
	C) Inspect Ejector Hole for Chamfer		2/11/91	RW
	D) Oil Firing Pin Ass'y		2/11/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2/15/91	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			2/16/91	WB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			2/16/91	WB
	H) Trigger Pull Test & Retainability						2/15/91	JH
	I) Firing Pin Indent	.020	.020	.020			2/16/91	WB
	J) Assemble Stock						2/16/91	RW
	K) Assemble Swivel Studs						2-25-91	A
	L) Attach Front and Rear Sight Assemblies						2/16/91	RW
	M) Iron Sight Alignment						2/16/91	RW
	N) Detach Front & Rear Sights & place in numbered container						2/16/91	RW
	O) Attach Scope to Rifle						2/14/91	RW
	P) Detach & Attach Scope 20 Times						2/16/91	RW
640	Gallery Target & Test						2-18-91	DH
	A) Time						2-18-91	DH
	B) Malfunctions						2-18-91	DH
	C) Pierced Primers						2-18-91	DH
	D) Optical Clarity of Scope						2-18-91	DH
645	Inspect for Live Ammo						2-18-91	DH
655	Final Inspection							
	A) Headspace						2-25-91	A
	B) Trigger Pull	2.33	2.33	2.28	2.32	2.34	2/21/91	JH
	C) Function						2-25-91	A
660	Pack						3-19-91	NF

SWS TRIGGER PULL TEST

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

SERIAL NO. _____

DATE _____

TESTER _____

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.32	2.21	2.33	2.33	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.34	2.11	2.21	2.33	
PULL #3	2.32	2.25	2.30	2.28	
PULL #4	2.33	2.30	2.28	2.32	
PULL #5	2.44	2.24	2.25	2.34	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.30	3.36		
PULL #2	3.27	3.37		
PULL #3	3.28	3.51		
PULL #4	3.19	3.42		
PULL #5	3.24	3.53		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.30	4.44		4.40
PULL #2	4.45	4.42		4.35
PULL #3	4.27	4.44		4.45
PULL #4	4.33	4.22		4.49
PULL #5	4.56	4.32		4.40
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611408
18 Feb 1991

CENTROIDAL DISTANCES

0 TO	1	.342475
1 TO	2	.1847
1 TO	3	.292746
1 TO	4	.568705
1 TO	5	.106569

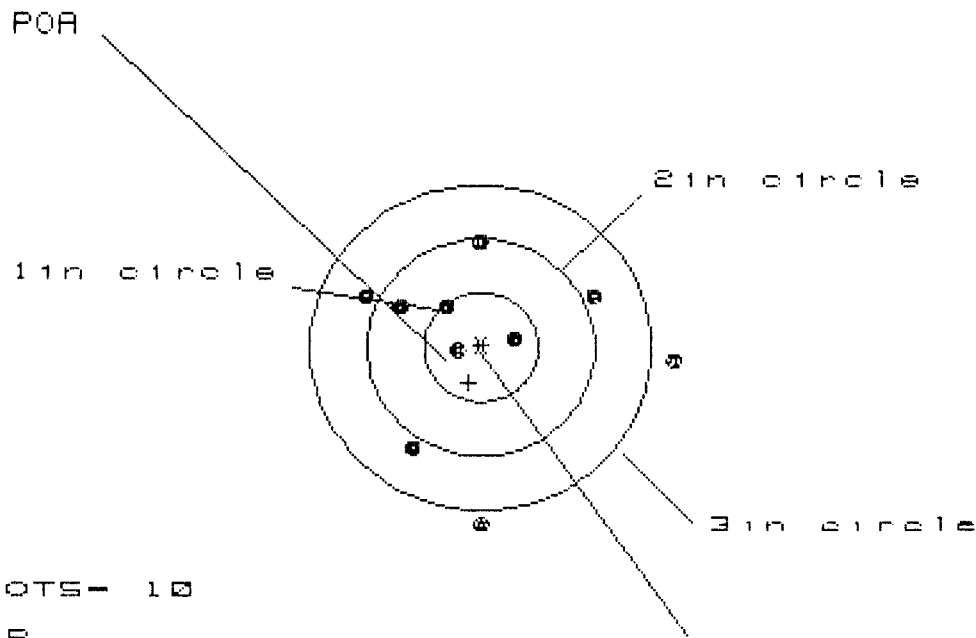
$\bar{x}$ <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1874
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1652
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .24982
THE AMR FOR THIS RIFLE IS: .943

8 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611488

CENTERFIRE PATTERNS # 1



OF SHOTS- 10
IN CIR
1in = 3
2in = 5
3in = 8
HS= 2.747
VS= 2.600
GS= 2.800

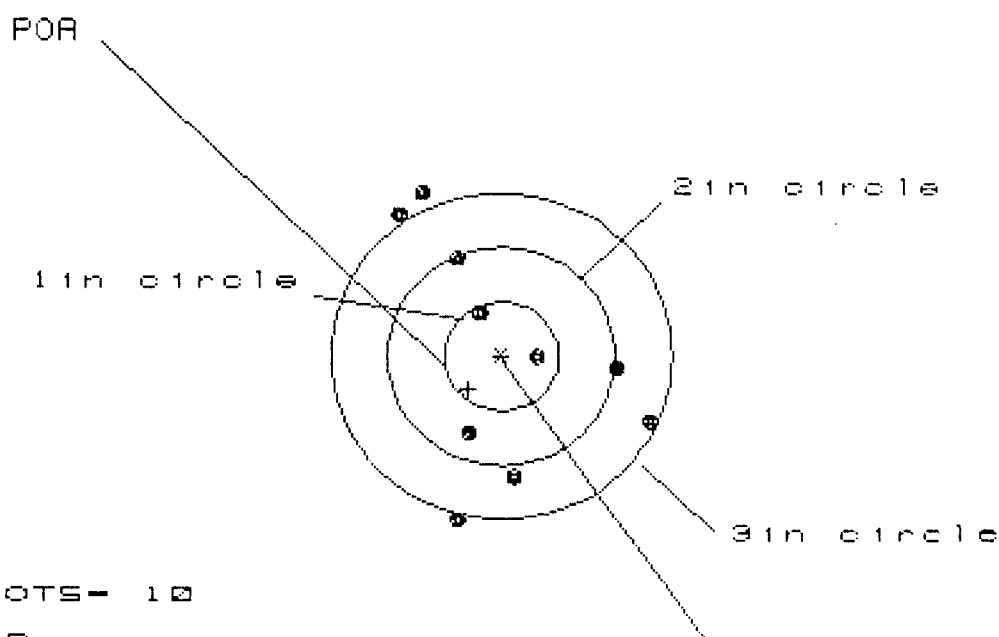
CENTROID #

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.726	1.147	1.172
MINIMUM X	:	-1.021	-.829	-.804
MAXIMUM Y	:	.976	.967	.762
MINIMUM Y	:	-1.624	-1.633	-1.116
CENTROID X	:	.108	-.084	-.109
CENTROID Y	:	.325	.334	.538
POA TO CENTROID in.	:	.343	.345	.549
MIN RADIUS	:	.257	.082	.173
MEAN RADIUS	:	.946	.822	.691
MAX RADIUS	:	1.728	1.646	1.192
HORIZONTAL SPREAD	:	2.747	1.976	1.976
VERTICAL SPREAD	:	2.600	2.600	1.879
EXTREME SPREAD	:	2.803	2.600	2.061
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

18 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611488

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 7

HS= 2.176

VS= 2.995

GS= 3.007

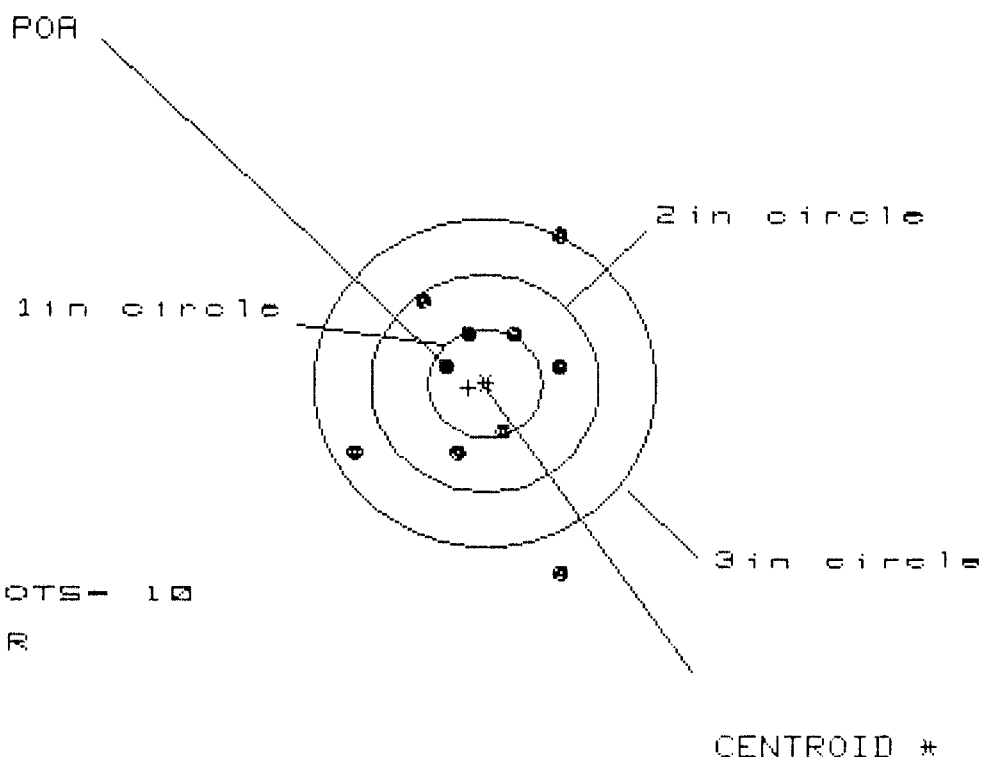
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.331	1.258	1.144
MINIMUM X	:	-.845	-.918	-.574
MAXIMUM Y	:	1.486	1.485	1.226
MINIMUM Y	:	-1.509	-1.344	-1.158
CENTROID X	:	.291	.364	.478
CENTROID Y	:	.300	.135	-.051
POA TO CENTROID in.	:	.418	.388	.481
MIN RADIUS	:	.319	.274	.336
MEAN RADIUS	:	1.072	.995	.886
MAX RADIUS	:	1.623	1.746	1.351
HORIZONTAL SPREAD	:	2.176	2.176	1.718
VERTICAL SPREAD	:	2.995	2.829	2.384
EXTREME SPREAD	:	3.007	2.933	2.384
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

18 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611408

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS= 1.000

VS= 3.084

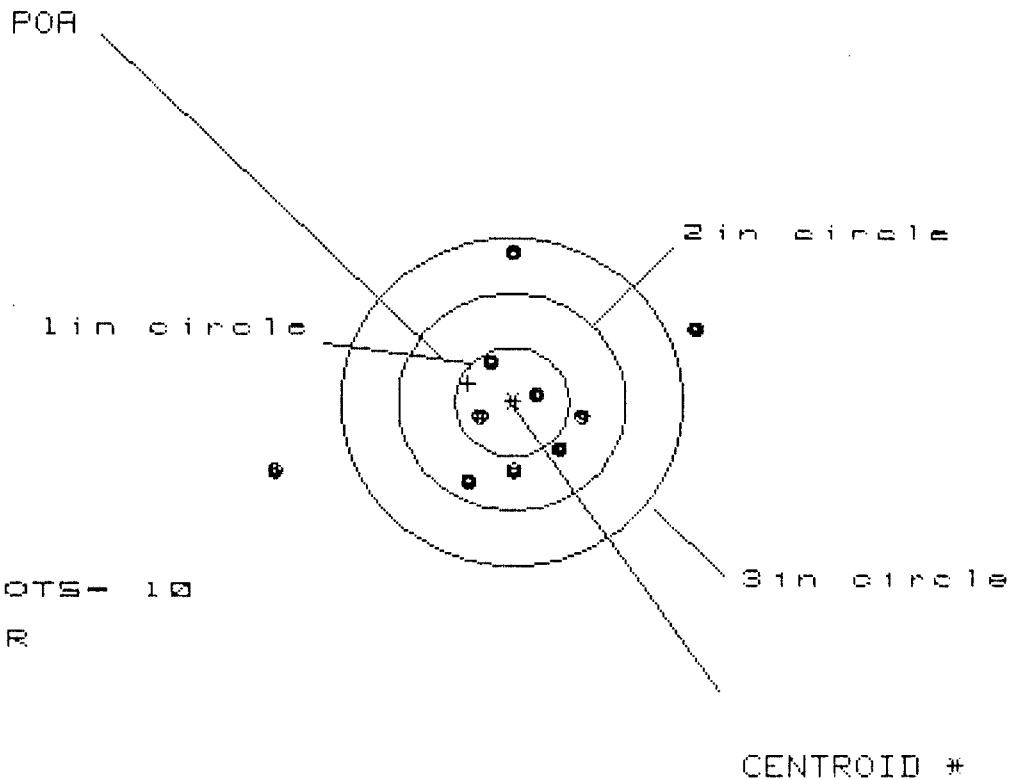
GS= 3.084

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.664	.737	.803
MINIMUM X	:	-1.136	-1.063	-.971
MAXIMUM Y	:	1.319	1.123	.722
MINIMUM Y	:	-1.765	-.815	-.674
CENTROID X	:	.148	.075	-.017
CENTROID Y	:	.035	.231	.090
POA TO CENTROID in.	:	.152	.243	.092
MIN RADIUS	:	.396	.299	.222
MEAN RADIUS	:	.884	.744	.670
MAX RADIUS	:	1.882	1.343	1.167
HORIZONTAL SPREAD	:	1.800	1.800	1.774
VERTICAL SPREAD	:	3.084	1.938	1.397
EXTREME SPREAD	:	3.084	2.625	1.948
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

18 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611408

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 8

HS= 3.636

VS= 2.059

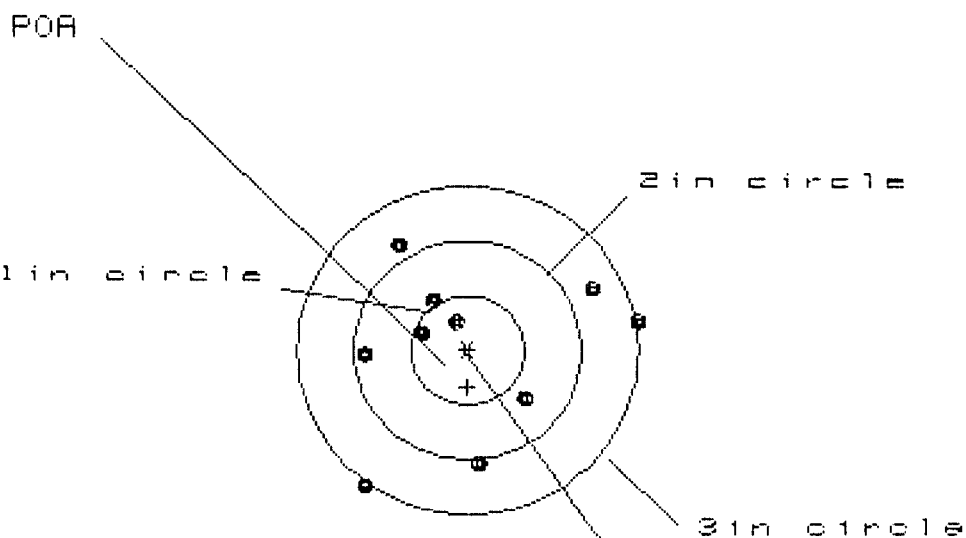
GS= 3.876

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.567	1.337	.563
MINIMUM X	:	-2.069	-.657	-.490
MAXIMUM Y	:	1.378	1.306	1.383
MINIMUM Y	:	-.681	-.753	-.676
CENTROID X	:	.388	.618	.451
CENTROID Y	:	-.170	-.098	-.175
POA TO CENTROID in.	:	.424	.626	.484
MIN RADIUS	:	.270	.039	.216
MEAN RADIUS	:	.889	.725	.620
MAX RADIUS	:	2.171	1.472	1.383
HORIZONTAL SPREAD	:	3.636	1.994	1.053
VERTICAL SPREAD	:	2.059	2.059	2.059
EXTREME SPREAD	:	3.876	2.419	2.107
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

18 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611408

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS= 2.368

VS= 2.244

GS= 2.815

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.462	1.361	1.199
MINIMUM X	:	-.906	-.976	-.805
MAXIMUM Y	:	1.006	.869	.887
MINIMUM Y	:	-1.238	-1.167	-1.148
CENTROID X	:	.002	.103	-.068
CENTROID Y	:	.336	.474	.455
POA TO CENTROID in.	:	.337	.485	.460
MIN RADIUS	:	.294	.264	.157
MEAN RADIUS	:	.924	.852	.742
MAX RADIUS	:	1.534	1.369	1.273
HORIZONTAL SPREAD	:	2.368	2.337	2.004
VERTICAL SPREAD	:	2.244	2.036	2.036
EXTREME SPREAD	:	2.815	2.355	2.168
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	