

C6225096

MODEL 700™ M24

Model 700 M24™

Action

Barrel Length

Capacity

Order No. 5716

* Includes 1 in chamber.



Smith & Wesson
No. 9,452,541


Inbox - Microsoft...
Calendar - Micro...
Shot Show? - M...
Arms Services R...
7:51 AM

Serial Number: C6225096

Model: 700



RE00061097

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225096.___0

FILE DATE AND TIME: 03/09/2003 10:56

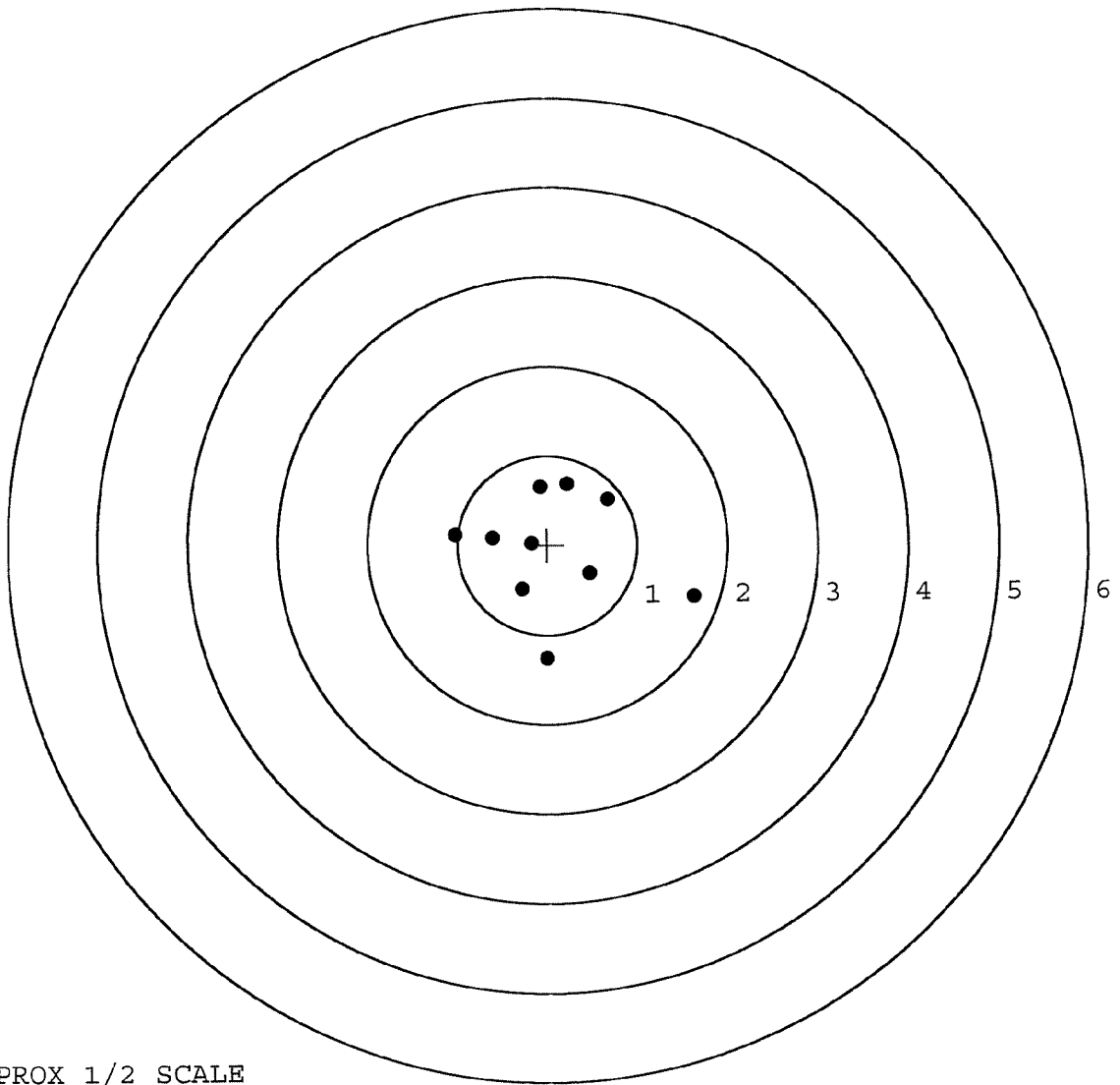
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.064
The Average Y Centroid of the Five Target Set:	0.015
The Average Point of Impact of the Five Target Set:	0.065
The Average Mean Radius of the Five Target Set:	0.680
The Distance from POA to Centroid Target #1:	0.103
The Distance from Centroid Target #2 to Centroid Target #1:	0.282
The Distance from Centroid Target #3 to Centroid Target #1:	0.039
The Distance from Centroid Target #4 to Centroid Target #1:	0.131
The Distance from Centroid Target #5 to Centroid Target #1:	0.131

SERIAL NUMBER: C6225096. 0
 TARGET NUMBER: 1
 FILE DATE: 03/09/2003
 FILE TIME: 10:56

POINT#	X	Y
1:	0.467	-0.316
2:	-0.008	-1.272
3:	1.625	-0.582
4:	0.678	0.511
5:	0.226	0.680
6:	-0.075	0.653
7:	-1.020	0.119
8:	-0.611	0.081
9:	-0.174	0.018
10:	-0.280	-0.498

X CENTROID: 0.083
 Y CENTROID: -0.061
 POA TO CENTROID: 0.103
 HORZ SPREAD: 2.645
 VERT SPREAD: 1.952
 GROUP SPREAD: 2.736
 MIN RADIUS: 0.269
 MAX RADIUS: 1.628
 MEAN RADIUS: 0.828
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9

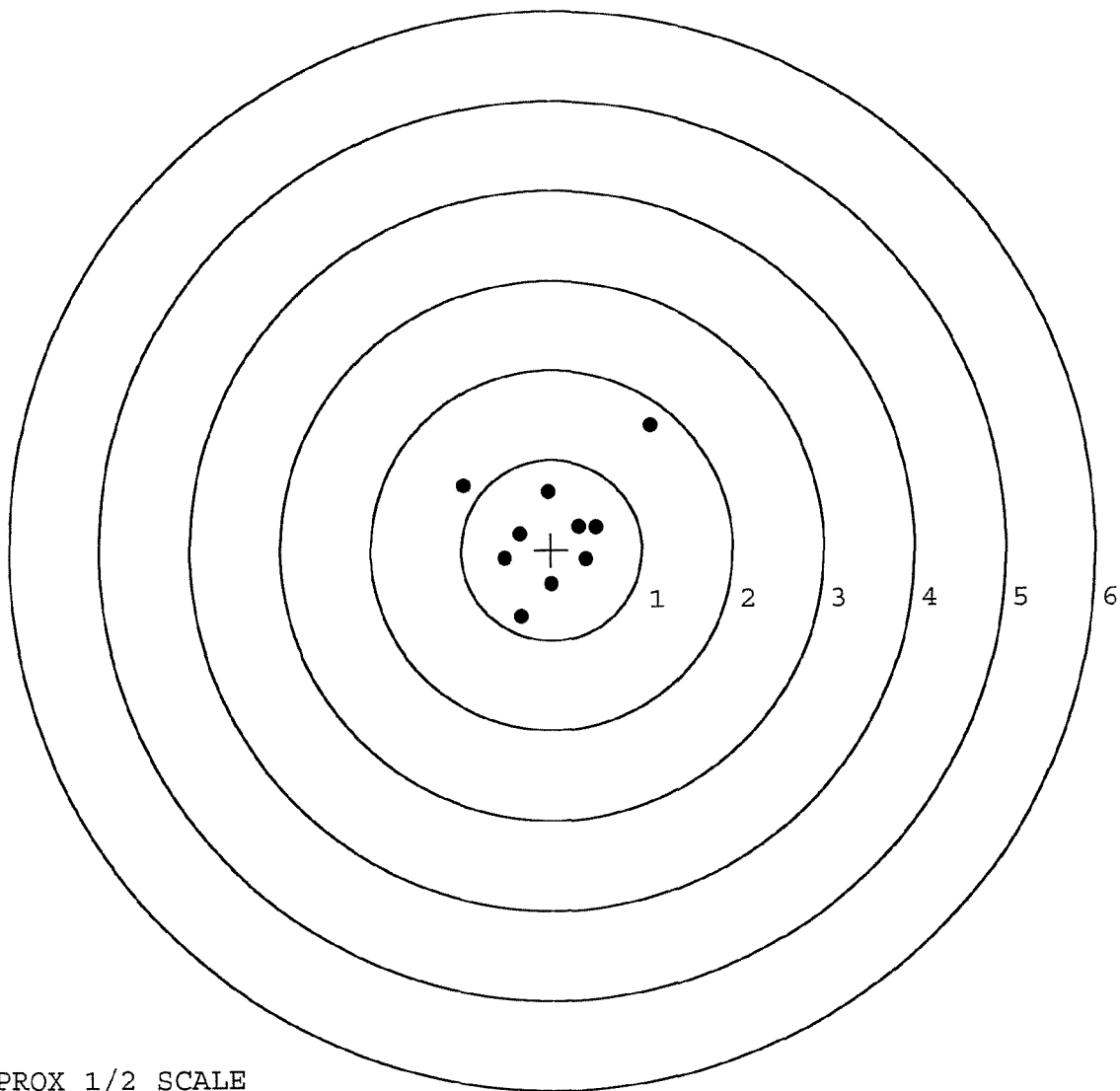


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225096. __0
 TARGET NUMBER: 2
 FILE DATE: 03/09/2003
 FILE TIME: 10:56

POINT#	X	Y
1:	1.094	1.375
2:	-0.969	0.718
3:	-0.039	0.643
4:	-0.348	0.178
5:	-0.520	-0.096
6:	0.004	-0.385
7:	-0.338	-0.745
8:	0.383	-0.100
9:	0.489	0.258
10:	0.300	0.265

X CENTROID: 0.006
 Y CENTROID: 0.211
 POA TO CENTROID: 0.211
 HORZ SPREAD: 2.063
 VERT SPREAD: 2.120
 GROUP SPREAD: 2.558
 MIN RADIUS: 0.299
 MAX RADIUS: 1.594
 MEAN RADIUS: 0.698
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225096. __0

TARGET NUMBER: 3

FILE DATE: 03/09/2003

FILE TIME: 10:56

X CENTROID: 0.115

Y CENTROID: -0.083

POA TO CENTROID: 0.142

HORZ SPREAD: 1.694

VERT SPREAD: 1.225

GROUP SPREAD: 2.091

MIN RADIUS: 0.223

MAX RADIUS: 1.287

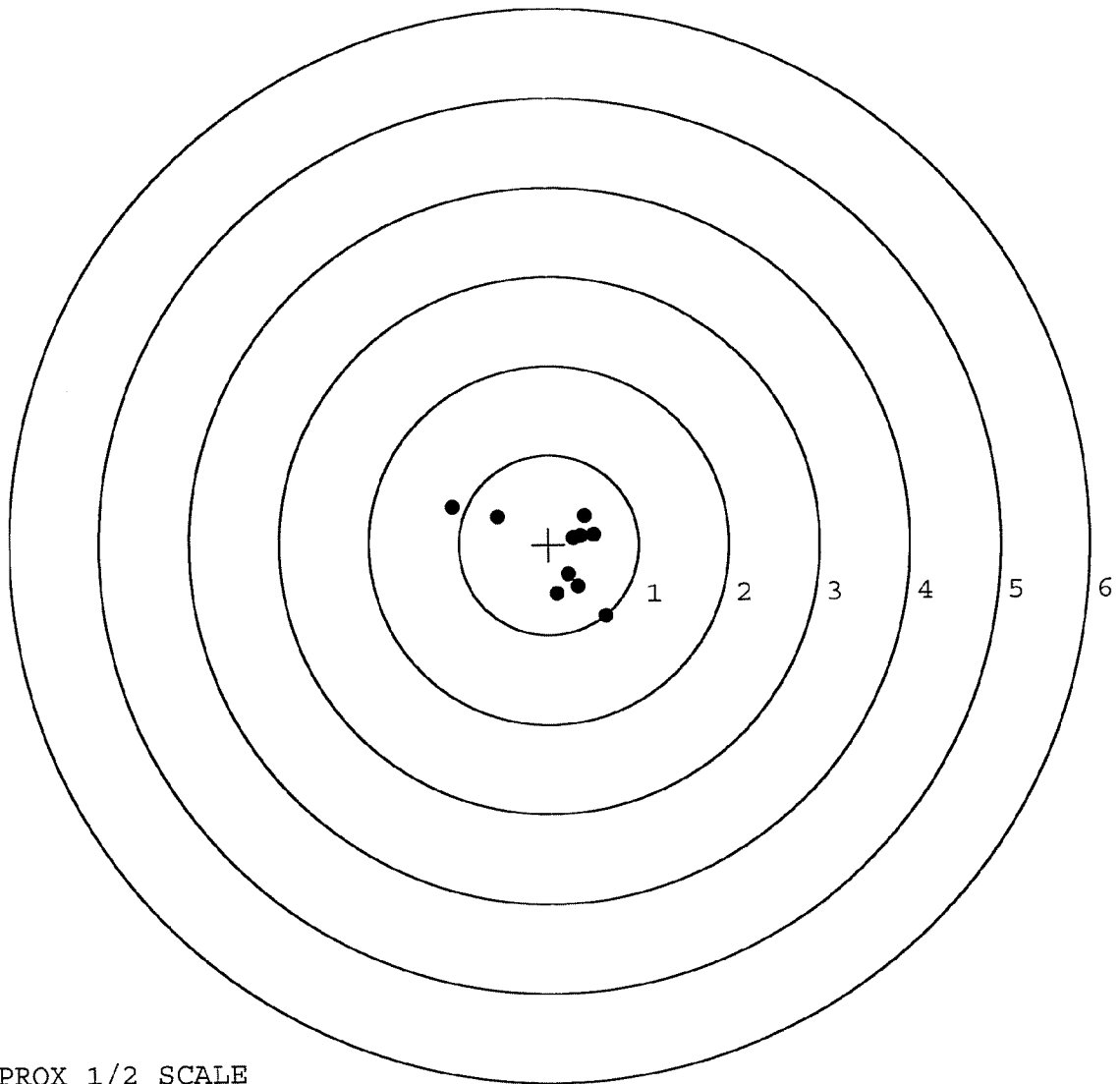
MEAN RADIUS: 0.558

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.627	-0.799
2:	-1.067	0.426
3:	-0.570	0.308
4:	0.088	-0.547
5:	0.322	-0.471
6:	0.214	-0.336
7:	0.276	0.071
8:	0.504	0.111
9:	0.400	0.317
10:	0.356	0.094

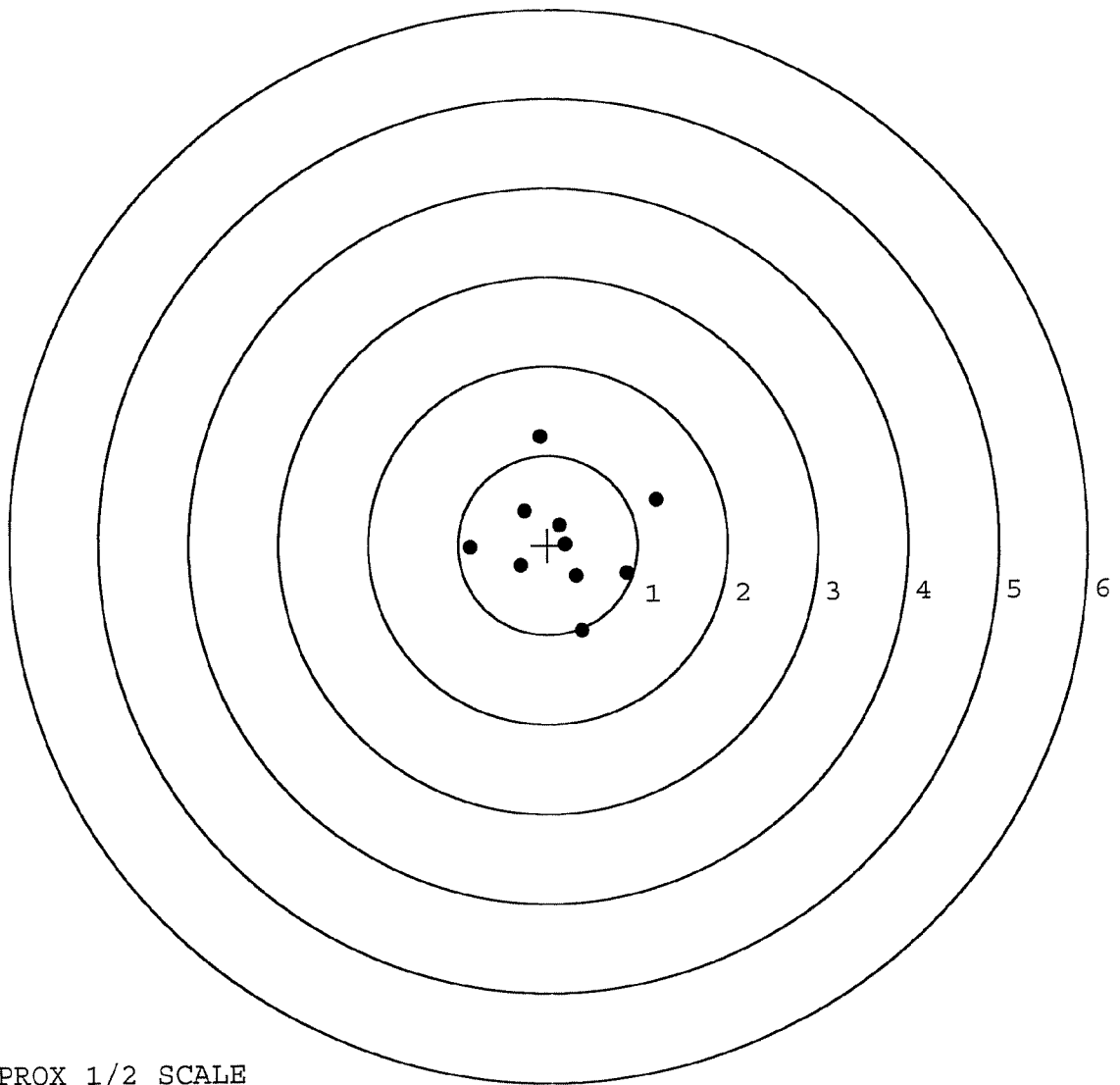


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225096. __0
 TARGET NUMBER: 4
 FILE DATE: 03/09/2003
 FILE TIME: 10:56

X CENTROID: 0.161
 Y CENTROID: 0.044
 POA TO CENTROID: 0.167
 HORZ SPREAD: 2.069
 VERT SPREAD: 2.173
 GROUP SPREAD: 2.220
 MIN RADIUS: 0.049
 MAX RADIUS: 1.190
 MEAN RADIUS: 0.692
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.876	-0.323
2:	1.209	0.494
3:	-0.078	1.209
4:	-0.860	-0.021
5:	-0.303	-0.227
6:	-0.255	0.386
7:	0.134	0.221
8:	0.196	0.009
9:	0.319	-0.349
10:	0.377	-0.964

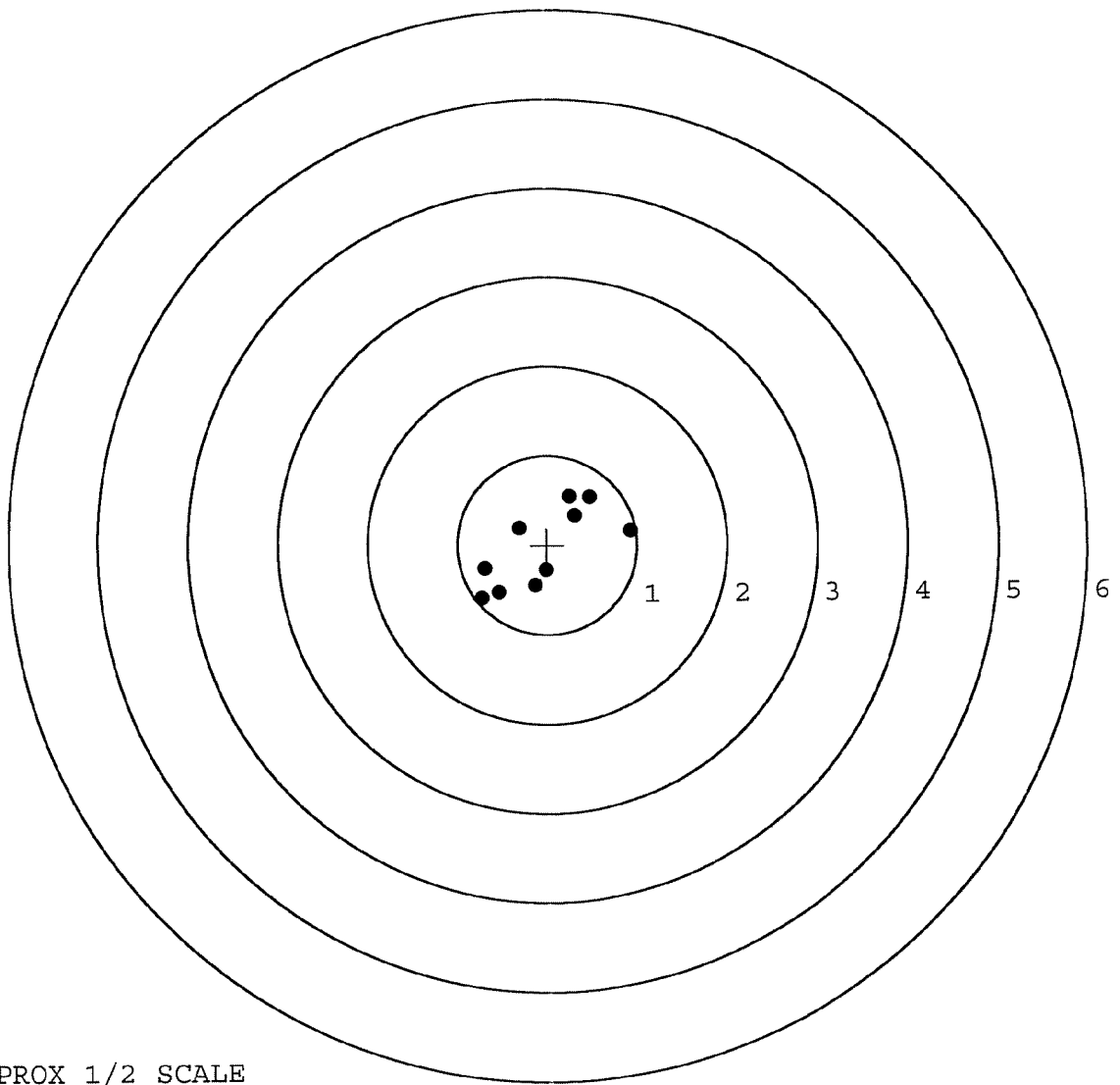


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225096. __0
 TARGET NUMBER: 5
 FILE DATE: 03/09/2003
 FILE TIME: 10:56

POINT#	X	Y
1:	0.927	0.156
2:	0.474	0.534
3:	0.249	0.546
4:	0.312	0.329
5:	-0.308	0.192
6:	-0.697	-0.266
7:	-0.540	-0.530
8:	-0.732	-0.600
9:	-0.134	-0.459
10:	-0.015	-0.284

X CENTROID: -0.046
 Y CENTROID: -0.038
 POA TO CENTROID: 0.060
 HORZ SPREAD: 1.659
 VERT SPREAD: 1.146
 GROUP SPREAD: 1.823
 MIN RADIUS: 0.248
 MAX RADIUS: 0.993
 MEAN RADIUS: 0.623
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL # 06225096 INSPECTED BY: RTL

DATE REC'D: 2-5-03 DATE RET'D: 3-10-03

ITEM

BARREL ASSEMBLY

☒ BARREL
☒ RECEIVER
☒ FRONT SIGHT BASE
☒ REAR SIGHT BASE
☒ SCREWS
☒ FINISH

SCOPE ASSEMBLY

☐ SCOPE
☐ SCOPE RINGS
☐ MOUNTING SCREWS
☐ MOUNTING BASE
☐ SCREWS
☐ FINISH
☐ CLARITY

ITEM

STOCK ASSEMBLY

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

SYSTEMS CASE

☐ SCOPE CASE
☐ IRON SIGHTS
☐ DEPLOYMENT KIT

TRIGGER ASSEMBLY

☒ SAFETY OPERATION
☒ RE-SET TO FACTORY SPECS

COMMENTS:

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

[illegible]

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # *C6225096*

OPERATION		DATE	INT
#	NAME		
575- 580	ASSEMBLY	<i>26</i>	<i>FB</i>
600	PROOF	<i>29</i>	<i>Ru</i>
615	MAGNAFLUX BARREL	<i>5/13/88</i>	<i>pfl.</i>
	MAGNAFLUX BOLT	<i>5/13/88</i>	<i>pfl.</i>
620	COATING	<i>8/11/88</i>	<i>TJA</i>
625- 630	FINAL ASSEMBLY		
635	TEST		
640	TARGET		
	FIRING PIN INDENT		
660	PACK		

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6225096

OP.#	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and stock			
600	Proof			
607	Check Headspace			
610	Dis-assemble gun			
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill & Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coatings (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		9/7/88	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/7/88	RW
	C) Inspect Ejector Hole for Chamfer		9/7/88	RW

OVER

OP. #		READINGS	DATE	INITIAL
625 cont.	D) Oil Firing Pin Ass'y		9/7/88	RW
	E) Adjust Trigger Pull to Min. Setting and Stake		7 Sept 88	JS
	F) Safety on Force	6.1 6.5 6.5	7 Sept 88	JS
	G) Safety off Force	4 3.5 3.5	7 Sept 88	JS
	H) Trigger Pull Test & Retainability		7 Sept 88	JS
	I) Firing Pin Indent	.022 .022 .022	7 Sept 88	JS
	J) Assemble Stock		9/21/88	RW
	K) Assemble Swivel Studs		10-2-88	JS
	L) Attach Front & Rear Sight Assemblies		9/21/88	RW
	M) Iron Sight Alignment		9/21/88	RW
	N) Detach Front & Rear Sights & place in numbered container		9/21/88	RW
	O) Attach Scope to Rifle		10/4/88	RW
	P) Detach & Attach Scope 20 times		10-5-88	JS
640	Gallery Target & Test	57 R 98 L	10/10/88	W.B.
	A) Optical Clarity of Scope		10/10/88	W.B.
645	Inspect for Live Ammo		10/10/88	AC
655	Final Inspection			
	A) Headspace		10-12-88	JS
	B) Trigger Pull		10-14-88	JS
	C) Function		10-12-88	JS
660	Pack		10-21-88	JS

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

SERIAL NO. C6225096DATE 7 Sept. 88TESTER JS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.64	2.60	2.67	2.71	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.66	2.63	2.61	2.76	
PULL #3	2.66	2.60	2.66	2.56	
PULL #4	2.70	2.66	2.75	2.57	
PULL #5	2.73	2.65	2.73	2.52	
TOTAL	13.39	13.14	13.42	13.14	
AVG.	2.678	2.628	2.684	2.628	

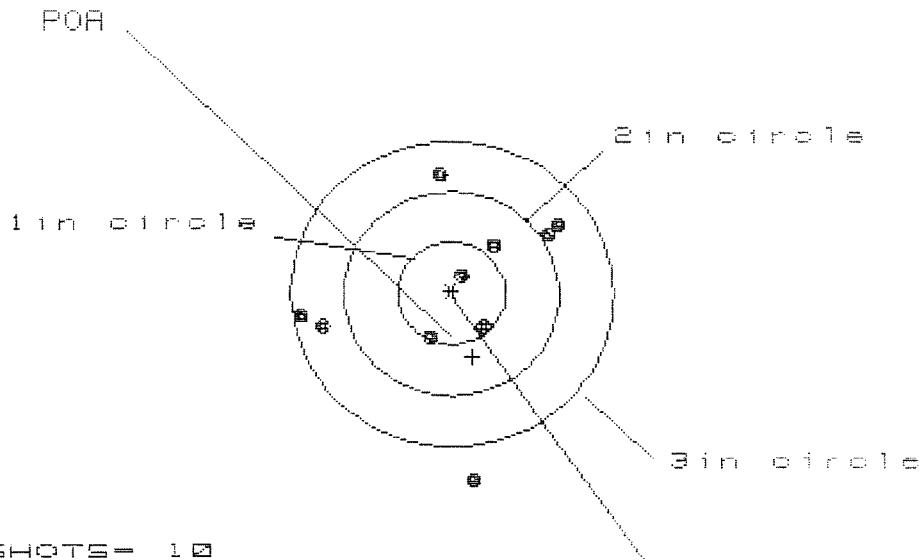
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.07	3.06		
PULL #2	3.07	3.08		
PULL #3	3.08	3.07		
PULL #4	3.09	3.10		
PULL #5	3.03	3.05		
TOTAL	15.34	15.36		
AVG.	3.068	3.072		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.29	4.11		4.11
PULL #2	4.23	4.18		4.20
PULL #3	4.25	4.20		4.19
PULL #4	4.23	4.21		4.18
PULL #5	4.15	4.03		4.24
TOTAL	21.15	20.73		20.92
AVG.	4.23	4.146		4.184

11 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08225098

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 4

3 in = 9

HS = 2.409

VS = 2.992

GS = 3.004

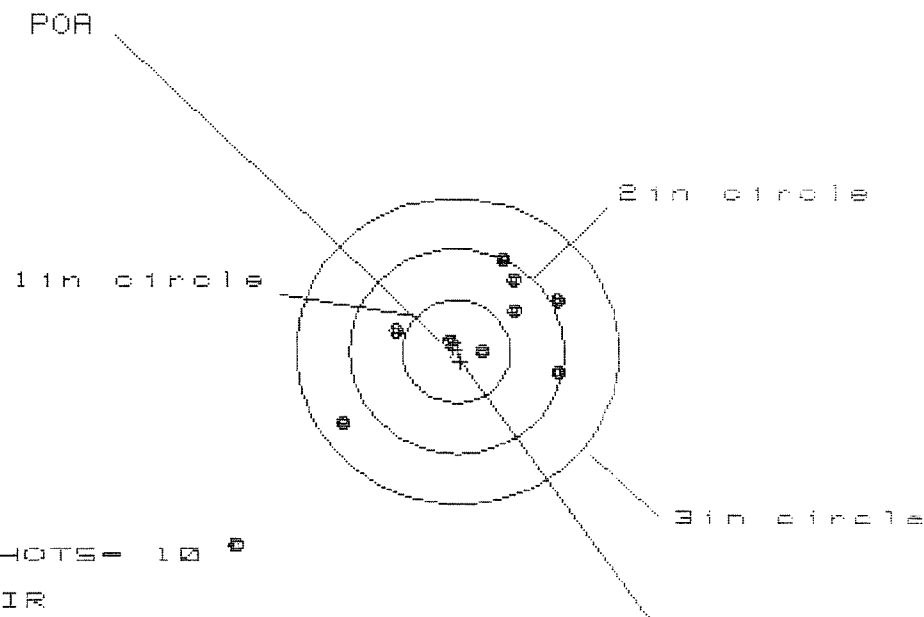
CENTROID #

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.025	1.044	.873
MINIMUM X	:	-1.384	-1.365	-1.326
MAXIMUM Y	:	1.174	.972	.916
MINIMUM Y	:	-1.818	-.629	-.685
CENTROID X	:	-.194	-.213	-.042
CENTROID Y	:	.623	.825	.881
POA TO CENTROID in.	:	.653	.852	.882
MIN RADIUS	:	.180	.152	.127
MEAN RADIUS	:	.960	.855	.746
MAX RADIUS	:	1.826	1.436	1.432
HORIZONTAL SPREAD	:	2.409	2.409	2.199
VERTICAL SPREAD	:	2.992	1.601	1.601
EXTREME SPREAD	:	3.004	2.589	2.411
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

11 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8225098

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 2

2in = 6

3in = 8

HS = 3.075

VS = 2.801

GS = 3.917

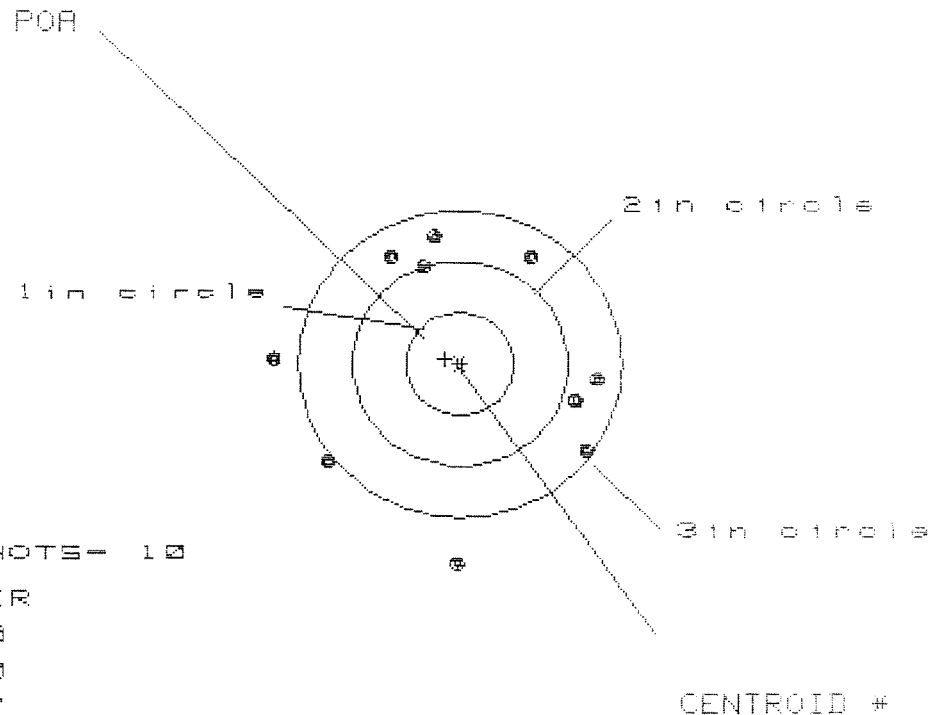
CENTROID #

PATTERN #	2	2	2
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.971	.737	.576
MINIMUM X	-2.104	-1.286	-.909
MAXIMUM Y	.895	.684	.571
MINIMUM Y	-1.906	-.899	-.526
CENTROID X	-.037	.197	.358
CENTROID Y	.096	.307	.420
POA TO CENTROID in.	.102	.365	.552
MIN RADIUS	.168	.229	.200
MEAN RADIUS	.971	.686	.542
MAX RADIUS	2.839	1.569	.919
HORIZONTAL SPREAD	3.075	2.023	1.485
VERTICAL SPREAD	2.801	1.583	1.097
EXTREME SPREAD	3.917	2.356	1.522
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

11 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225056

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1in = 0

2in = 0

3in = 7

HS = 3.021

VS = 3.209

GS = 3.216

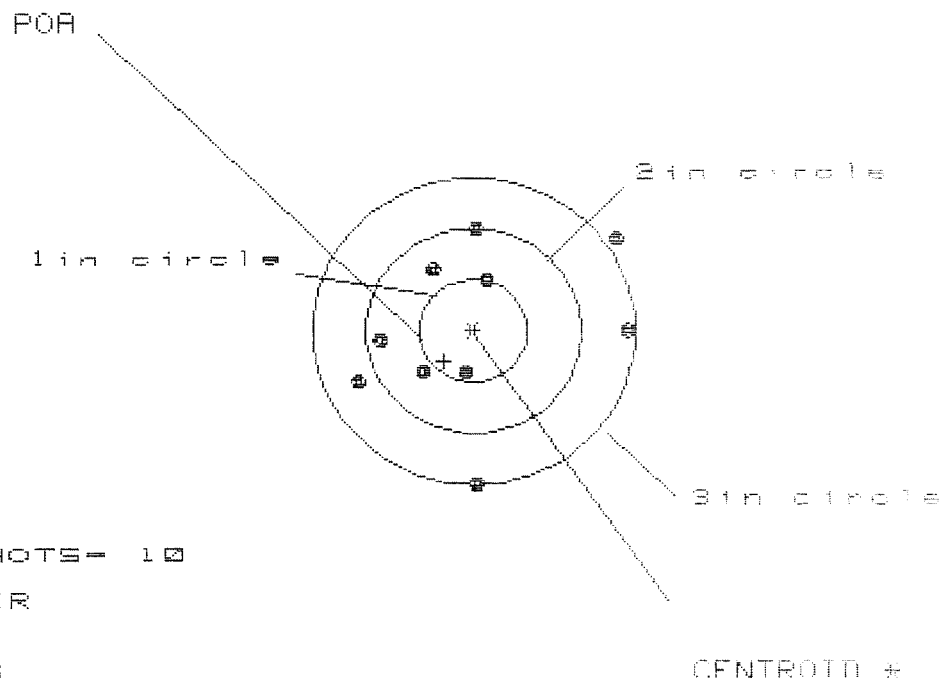
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.260	1.259	1.039
MINIMUM X	:	-1.761	-1.762	-1.418
MAXIMUM Y	:	1.248	1.030	1.002
MINIMUM Y	:	-1.961	-1.216	-1.244
CENTROID X	:	.133	.134	.354
CENTROID Y	:	-.047	.171	.199
POA TO CENTROID in.	:	.141	.217	.406
MIN RADIUS	:	1.033	.826	.867
MEAN RADIUS	:	1.376	1.272	1.181
MAX RADIUS	:	1.961	1.776	1.886
HORIZONTAL SPREAD	:	3.021	3.021	2.457
VERTICAL SPREAD	:	3.209	2.246	2.246
EXTREME SPREAD	:	3.216	3.023	2.720
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		0	
NUMBER IN THREE INCH CIRCLE	=		7	

11 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225096

CENTERFIRE PATTERNS

4



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 6

3 in = 8

HS = 2.429

VS = 2.503

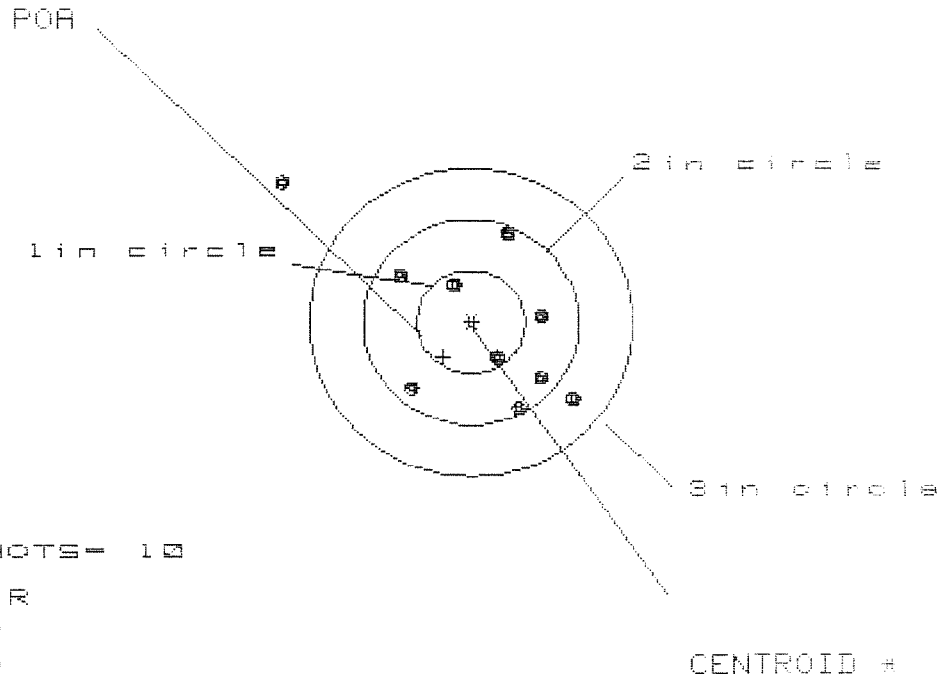
GS = 2.749

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.391	1.542	1.564
MINIMUM X	-1.038	-.887	-.965
MAXIMUM Y	.969	1.065	.885
MINIMUM Y	-1.534	-1.438	-.573
CENTROID X	.271	.120	.098
CENTROID Y	.296	.200	.379
FOR TO CENTROID in.	.401	.233	.392
MIN RADIUS	.450	.341	.511
MEAN RADIUS	.986	.884	.882
MAX RADIUS	1.608	1.543	1.569
HORIZONTAL SPREAD	2.429	2.429	2.429
VERTICAL SPREAD	2.503	2.503	1.458
EXTREME SPREAD	2.749	2.503	2.471
NUMBER IN ONE INCH CIRCLE	= 1		
NUMBER IN TWO INCH CIRCLE	= 6		
NUMBER IN THREE INCH CIRCLE	= 8		

11 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225086

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 8

3 in = 9

HS = 2.714

VS = 2.201

GS = 3.403

CENTROID #

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.944	.747	.535
MINIMUM X	-1.770	-.902	-.808
MAXIMUM Y	1.340	.967	.896
MINIMUM Y	-.861	-.712	-.783
CENTROID X	.256	.453	.359
CENTROID Y	.339	.190	.261
POR TO CENTROID in.	.425	.491	.444
MIN RADIUS	.411	.186	.288
MEAN RADIUS	.925	.728	.711
MAX RADIUS	2.220	1.113	.996
HORIZONTAL SPREAD	2.714	1.649	1.343
VERTICAL SPREAD	2.201	1.679	1.679
EXTREME SPREAD	3.403	2.049	1.773
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	9		