

66349132

MODEL 700™ M24

Model **S&S**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

Serial Number: C6349132

Model: M24 SWS



RE00092566

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349132.___0
FILE DATE AND TIME: 04/21/2005 07:05

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.075
The Average Y Centroid of the Five Target Set:	-0.165
The Average Point of Impact of the Five Target Set:	0.181
The Average Mean Radius of the Five Target Set:	1.095
The Distance from POA to Centroid Target #1:	0.137
The Distance from Centroid Target #2 to Centroid Target #1:	0.621
The Distance from Centroid Target #3 to Centroid Target #1:	0.478
The Distance from Centroid Target #4 to Centroid Target #1:	0.121
The Distance from Centroid Target #5 to Centroid Target #1:	0.657

SERIAL NUMBER: C6349132. 0

TARGET NUMBER: 1

FILE DATE: 04/21/2005

FILE TIME: 07:05

X CENTROID: -0.131

Y CENTROID: 0.039

POA TO CENTROID: 0.137

HORZ SPREAD: 1.621

VERT SPREAD: 2.416

GROUP SPREAD: 2.578

MIN RADIUS: 0.324

MAX RADIUS: 1.509

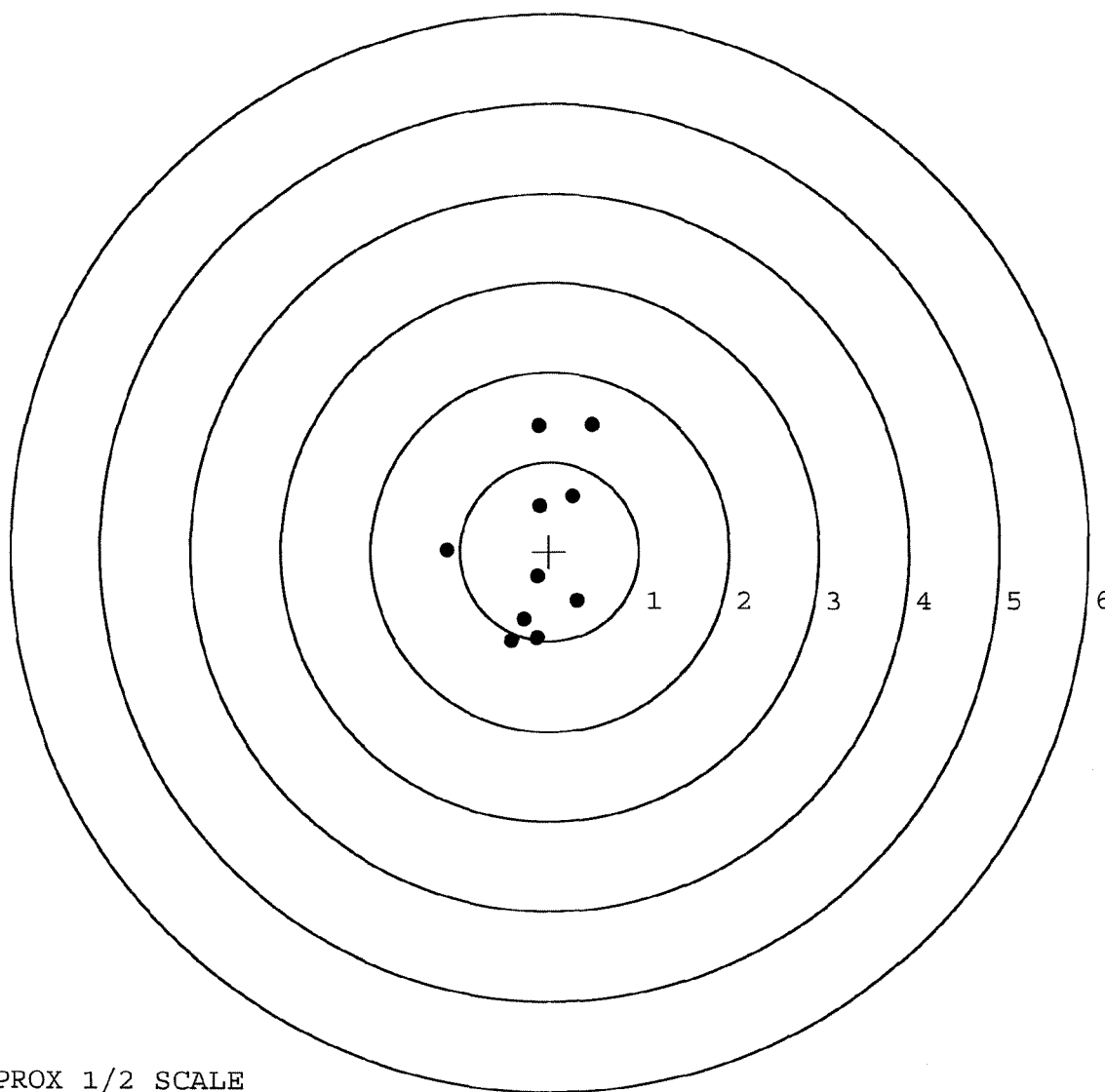
MEAN RADIUS: 0.902

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.310	-0.558
2:	-0.137	-0.285
3:	-0.141	-0.969
4:	-0.420	-0.997
5:	-1.141	0.018
6:	0.266	0.616
7:	0.480	1.419
8:	-0.126	1.402
9:	-0.113	0.507
10:	-0.289	-0.761



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349132. 0

TARGET NUMBER: 2

FILE DATE: 04/21/2005

FILE TIME: 07:05

X CENTROID: 0.030

Y CENTROID: -0.560

POA TO CENTROID: 0.561

HORZ SPREAD: 3.348

VERT SPREAD: 2.862

GROUP SPREAD: 3.648

MIN RADIUS: 0.436

MAX RADIUS: 1.951

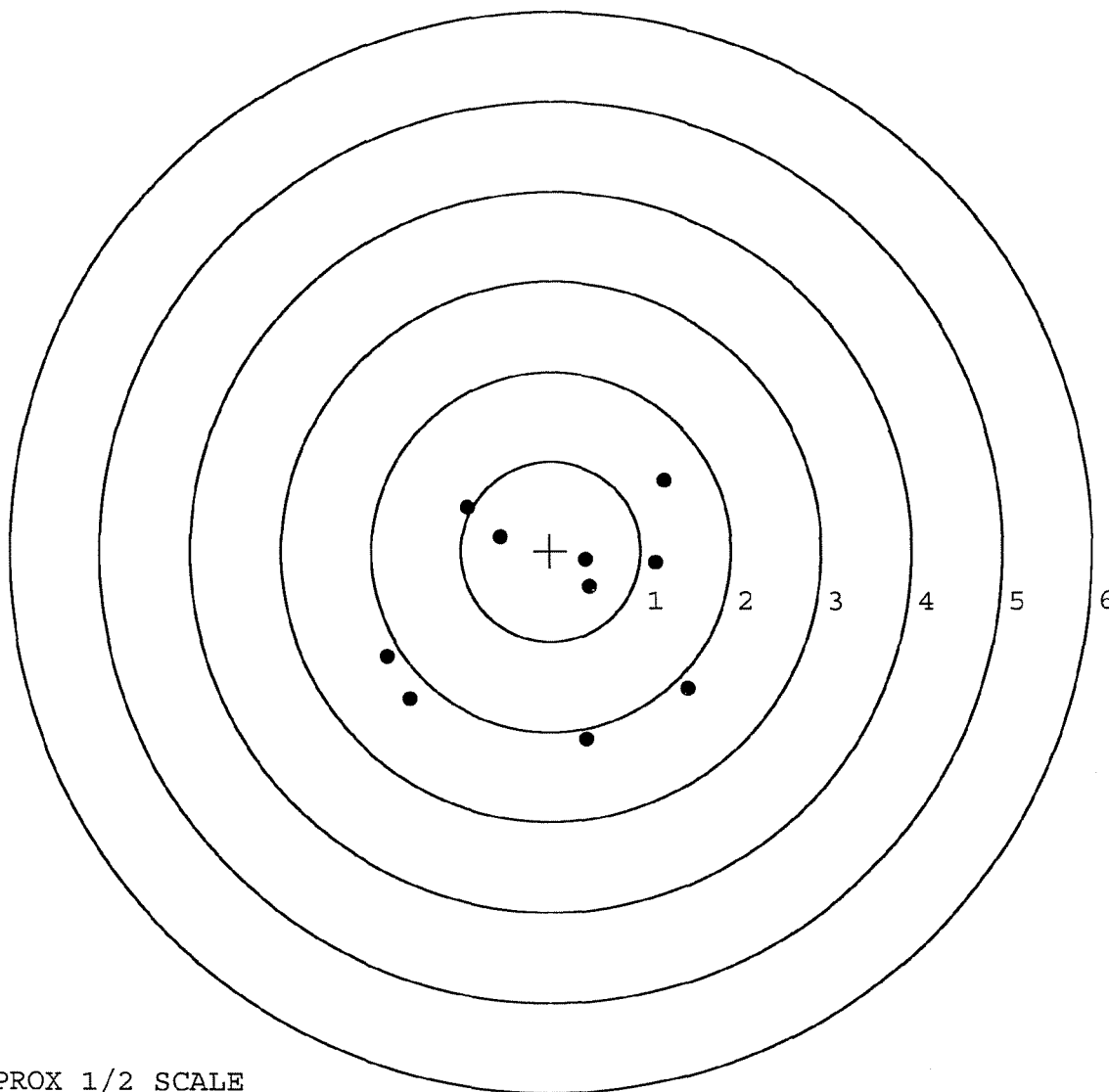
MEAN RADIUS: 1.362

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 3

in 3 IN DIAMETER: 5

POINT#	X	Y
1:	1.167	-0.136
2:	1.261	0.782
3:	0.396	-0.095
4:	0.434	-0.396
5:	-0.555	0.157
6:	-0.930	0.485
7:	-1.825	-1.163
8:	-1.568	-1.634
9:	0.400	-2.080
10:	1.523	-1.523



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349132. __0

TARGET NUMBER: 3

FILE DATE: 04/21/2005

FILE TIME: 07:05

X CENTROID: 0.300

Y CENTROID: 0.245

POA TO CENTROID: 0.387

HORZ SPREAD: 2.786

VERT SPREAD: 1.897

GROUP SPREAD: 2.699

MIN RADIUS: 0.544

MAX RADIUS: 1.482

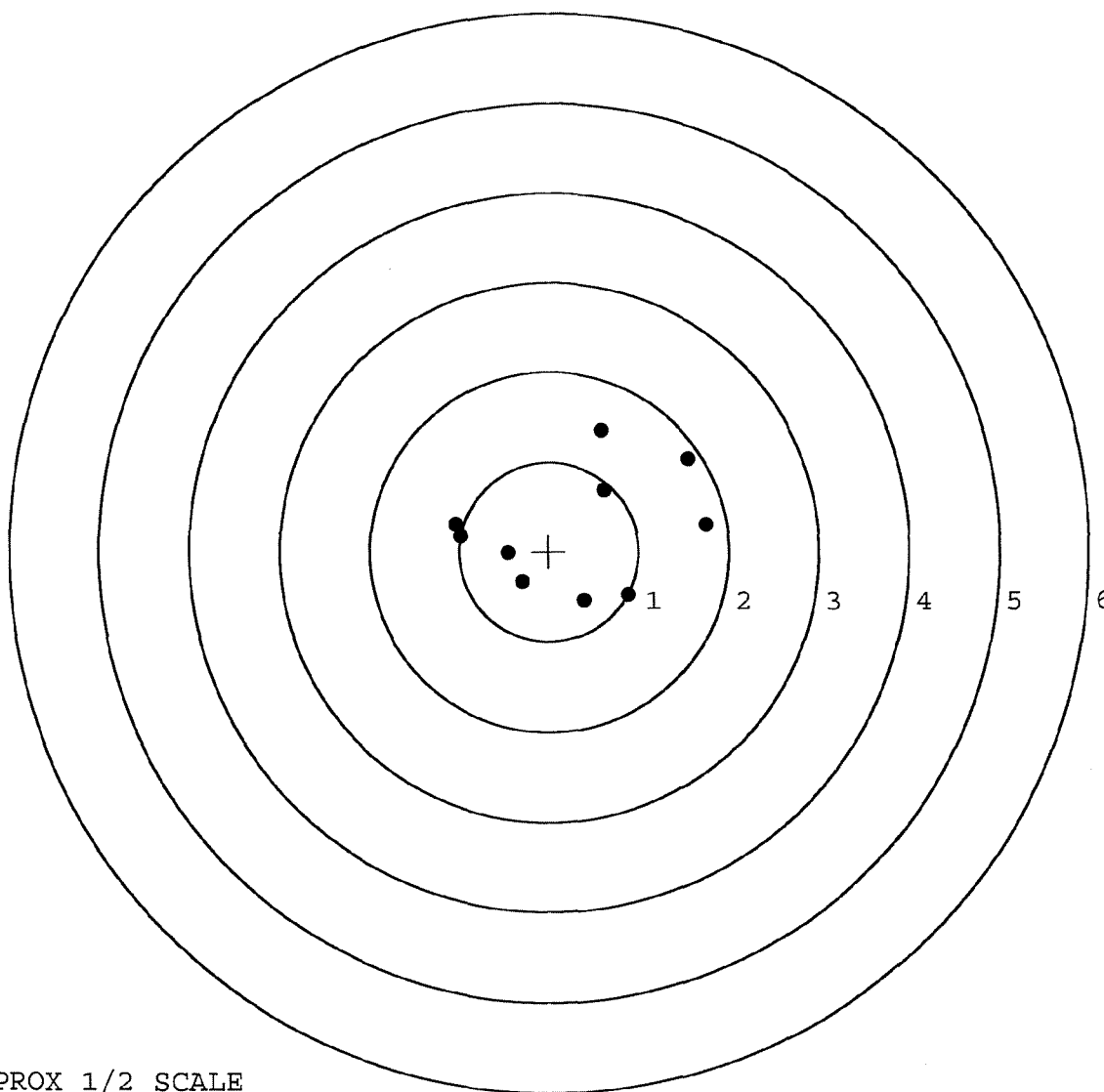
MEAN RADIUS: 1.062

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.886	-0.492
2:	0.395	-0.550
3:	-0.295	-0.346
4:	-0.454	-0.014
5:	-1.046	0.306
6:	-0.983	0.171
7:	1.740	0.302
8:	0.616	0.688
9:	1.552	1.038
10:	0.587	1.347



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349132. 0

TARGET NUMBER: 4

FILE DATE: 04/21/2005

FILE TIME: 07:05

X CENTROID: -0.028

Y CENTROID: -0.024

POA TO CENTROID: 0.037

HORZ SPREAD: 2.779

VERT SPREAD: 2.100

GROUP SPREAD: 3.009

MIN RADIUS: 0.148

MAX RADIUS: 1.589

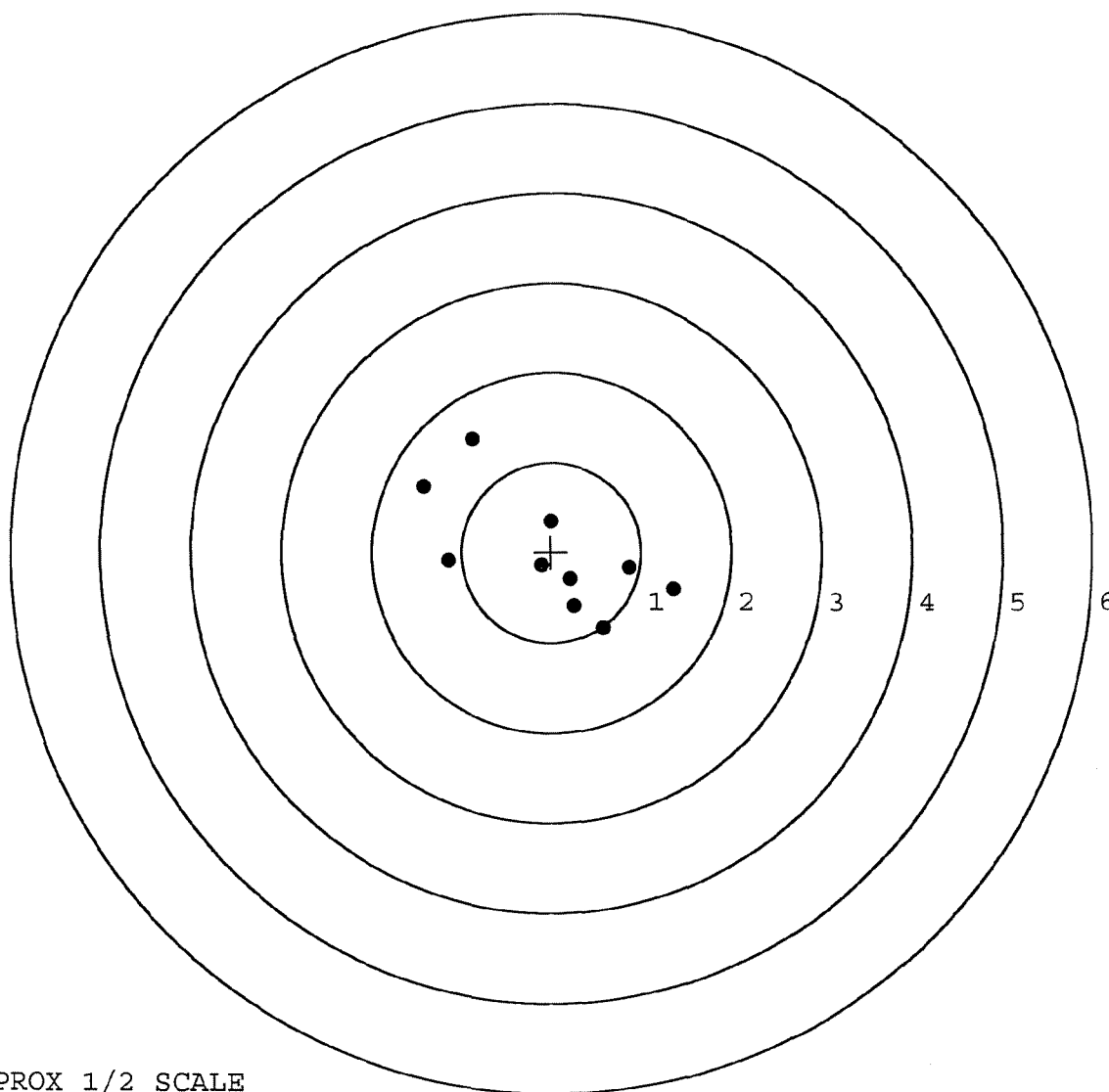
MEAN RADIUS: 0.915

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.356	-0.418
2:	0.873	-0.174
3:	0.579	-0.840
4:	0.257	-0.602
5:	-1.146	-0.097
6:	-1.423	0.737
7:	-0.877	1.260
8:	-0.007	0.345
9:	-0.107	-0.150
10:	0.217	-0.305



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349132. __0

TARGET NUMBER: 5

FILE DATE: 04/21/2005

FILE TIME: 07:05

X CENTROID: 0.205

Y CENTROID: -0.525

POA TO CENTROID: 0.564

HORZ SPREAD: 2.804

VERT SPREAD: 3.234

GROUP SPREAD: 4.102

MIN RADIUS: 0.300

MAX RADIUS: 2.536

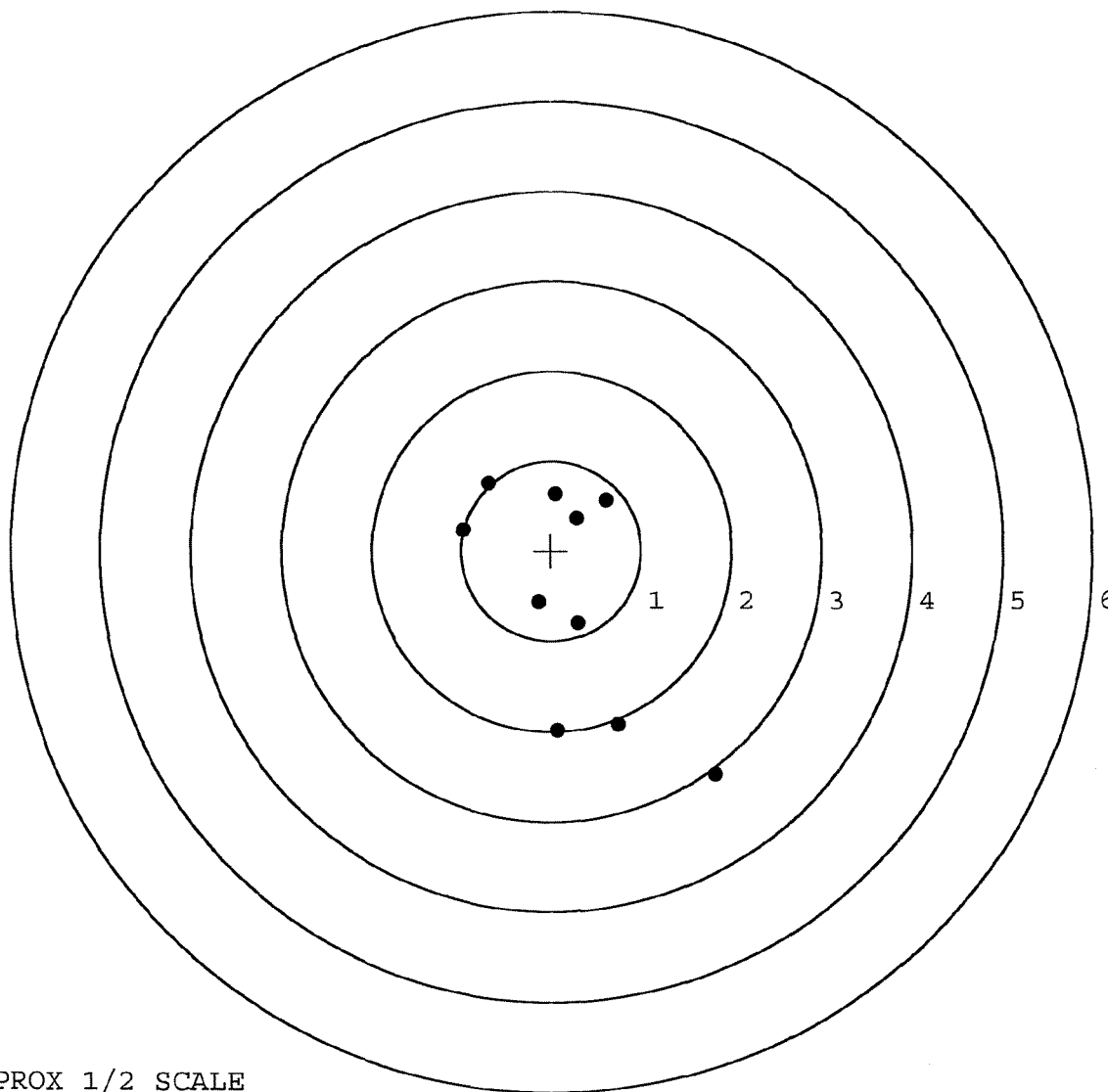
MEAN RADIUS: 1.235

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 3

in 3 IN DIAMETER: 7

POINT#	X	Y
1:	1.825	-2.476
2:	0.744	-1.927
3:	0.069	-1.996
4:	0.294	-0.812
5:	-0.142	-0.578
6:	-0.979	0.232
7:	-0.699	0.758
8:	0.052	0.632
9:	0.282	0.356
10:	0.609	0.561



TARGET APPROX 1/2 SCALE

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

MOD. _____		GA. CAL. _____	GUN # <u>C 6349132</u>
# TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
	1st	Shaver brass → don't eject	DW
	2nd		
	3rd		
	4th		

FUNCTION _____

RD 6654 Rev 1

TEST INIT. ACTION TO CORRECT		ASSEM. #
PROOF	Ream Ejector hole	
TEST		
TGT		
PROOF	Polish Ejector Ru 12/8/89	DH
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		

GUN SERIAL #

C6349132

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY	10-9 89	RW
600	Proof	QUALITY	10-9 89	K
607	Check Headspace	ADJUST	10-9-89	RW
610	Dis-assemble Gun		10-9-89	RW
612	Magnaflux Barrel Action		10/31/89	KCR
	Magnaflux Bolt		10/31/89	KCR
615	Rollmark Caliber		10/31/89	C.S.
.7	Drill and Tap Sight Holes		10/31/89	FB
618	Polish Barrel RB		10/31/89	WB
620	Apply Coatings (Barrel Action)		11-3-89	ISA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		11/6/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/6/89	RW
	C) Inspect Ejector Hole for Chamfer		11/6/89	RW
	D) Oil Firing Pin Ass'y		11/6/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11-14-89	DS.

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			11/14/89	JP
	G) Safety Off Force	4	4	4			11/14/89	JP
	H) Trigger Pull Test & Retainability						11-14-89	JS
	I) Firing Pin Indent	.020	.021	.020			11-14-89	JP
	J) Assemble Stock						11/14/89	RW
	K) Assemble Swivel Studs						17 Nov 89	JS
	L) Attach Front and Rear Sight Assemblies						11/14/89	RW
	M) Iron Sight Alignment						11/14/89	RW
	N) Detach Front & Rear Sights & place in numbered container						11/14/89	RW
	O) Attach Scope to Rifle						11-14-89	JP
	P) Detach & Attach Scope 20 Times						11-14-89	JP
640	Gallery Target & Test						11-15-89	JP
	A) Time						11-15-89	JP
	B) Malfunctions						11-15-89	JP
	C) Pierced Primers						11-15-89	JP
	D) Optical Clarity of Scope						11-15-89	JP
645	Inspect for Live Ammo						11-15-89	JP
655	Final Inspection							
	A) Headspace						17 Nov 89	JS
	B) Trigger Pull	272	286	276	273	267	17 Nov 89	JS
	C) Function						17 Nov 89	JS
660	Pack						14 Dec 89	JS

MALFUNCTION: SHAVES BRASS - DOESN'T EXTRACT
 CORRECTIVE ACTION: REAM EJECTOR HOLE & POLISH
 EJECTOR

100 Rd TEST SHOT OK

D.H. 12/9/89

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C634 9132

DATE 10 MAR 90

TESTER JS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	260	2.55		264	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	264	2.54		264	
PULL #3	241	2.58		256	
PULL #4	261	2.42		260	
PULL #5	244	2.59		263	
TOTAL	1275	12.68		1304	
AVG.	2.55	2.536		2608	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	2.94	2.86		
PULL #2	2.83	2.80		
PULL #3	2.81	2.79		
PULL #4	2.85	2.80		
PULL #5	2.88	2.87		
TOTAL	14.31	14.18		
AVG.	2.862	2.836		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.05	3.93		
PULL #2	4.01	3.91		
PULL #3	4.05	3.98		
PULL #4	4.05	3.98		
PULL #5	4.04	3.98		
TOTAL	20.20	19.78		
AVG.	4.04	3.956		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349132
15 Nov 1989

CENTROIDAL DISTANCES

0 TO	1	.631007
1 TO	2	.967186
1 TO	3	.755541
1 TO	4	.554388
1 TO	5	.592839

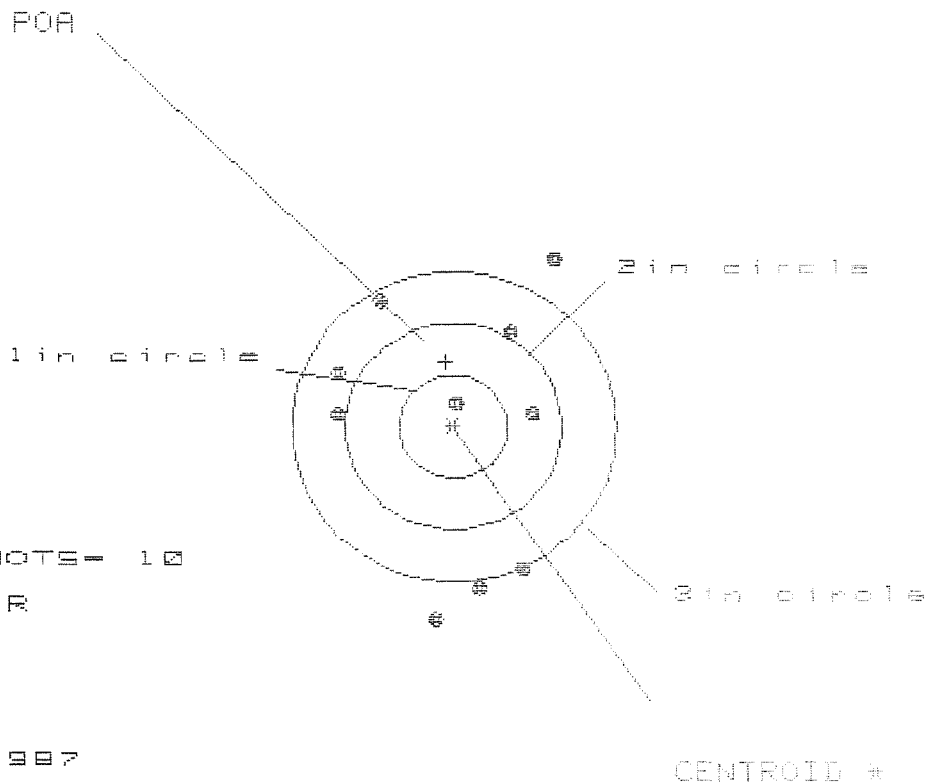
$\frac{3.2}{1}$ (----POA
1

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1204
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0698
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .13917
THE AMR FOR THIS RIFLE IS: .9885

15 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06349132

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 2

3 in = 7

HS= 1.987

VS= 3.506

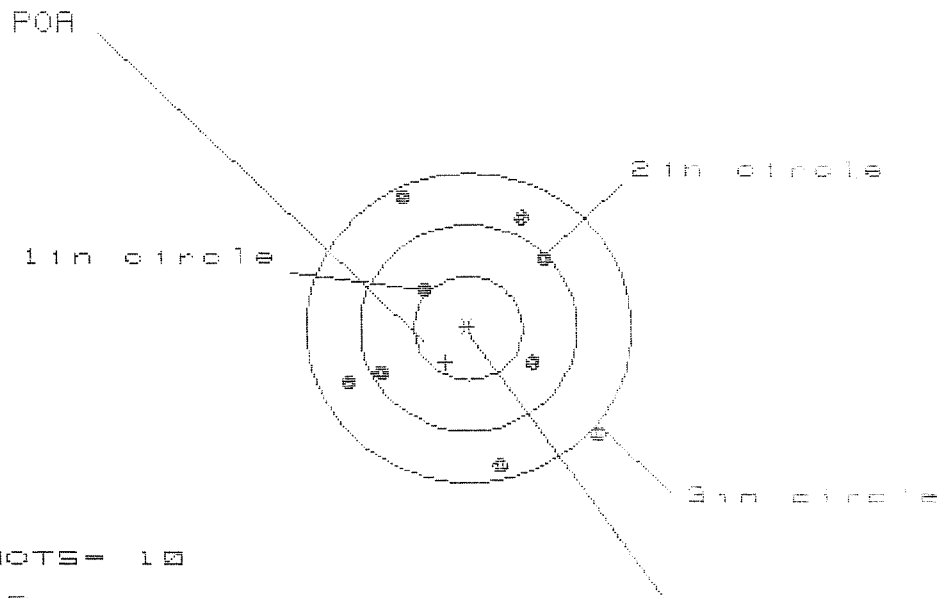
GS= 3.648

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.884	.843	.848
MINIMUM X	-1.103	-1.005	-1.068
MAXIMUM Y	1.672	1.430	1.224
MINIMUM Y	-1.834	-1.649	-1.639
CENTROID X	.071	-.027	-.024
CENTROID Y	-.627	-.812	-.686
POA TO CENTROID in.	.631	.813	.687
MIN RADIUS	.199	.404	.218
MEAN RADIUS	1.257	1.205	1.104
MAX RADIUS	1.891	1.649	1.669
HORIZONTAL SPREAD	1.987	1.848	1.848
VERTICAL SPREAD	3.506	3.079	2.863
EXTREME SPREAD	3.648	3.131	3.005
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =		2	
NUMBER IN THREE INCH CIRCLE =		7	

15 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08349132

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 5

3 in = 9

HS= 2.251

VS= 2.604

GS= 2.804

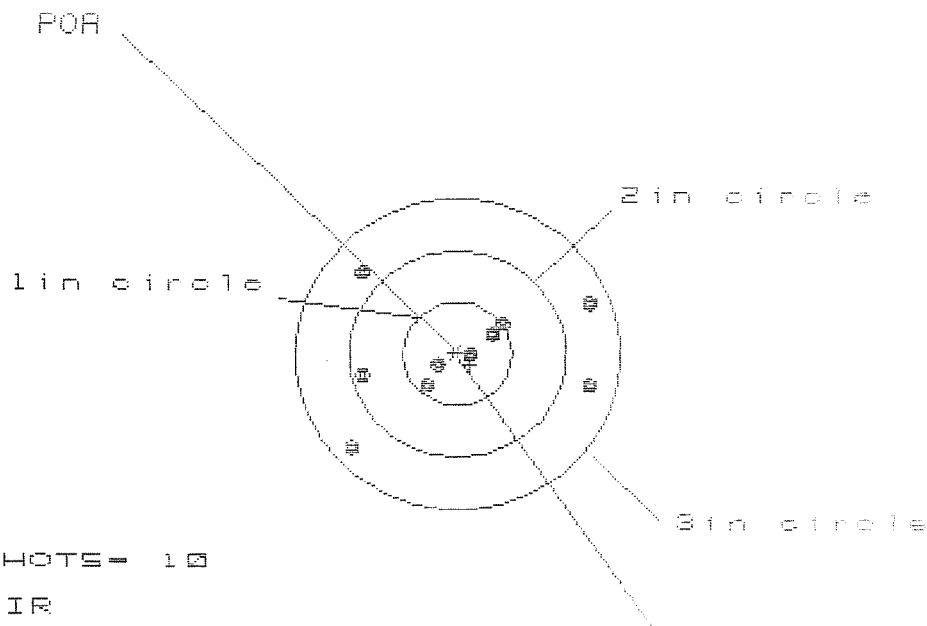
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.180	.843	.896
MINIMUM X	:	-1.071	-.940	-.887
MAXIMUM Y	:	1.225	1.106	.919
MINIMUM Y	:	-1.378	-1.498	-.855
CENTROID X	:	.211	.080	.027
CENTROID Y	:	.330	.449	.636
POA TO CENTROID in.	:	.391	.456	.637
MIN RADIUS	:	.510	.342	.191
MEAN RADIUS	:	1.036	.939	.820
MAX RADIUS	:	1.595	1.556	1.232
HORIZONTAL SPREAD	:	2.251	1.783	1.783
VERTICAL SPREAD	:	2.604	2.604	1.774
EXTREME SPREAD	:	2.804	2.739	2.208
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

15 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06345132

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 5

2in = 6

3in = 10

HS= 2.163

VS= 1.625

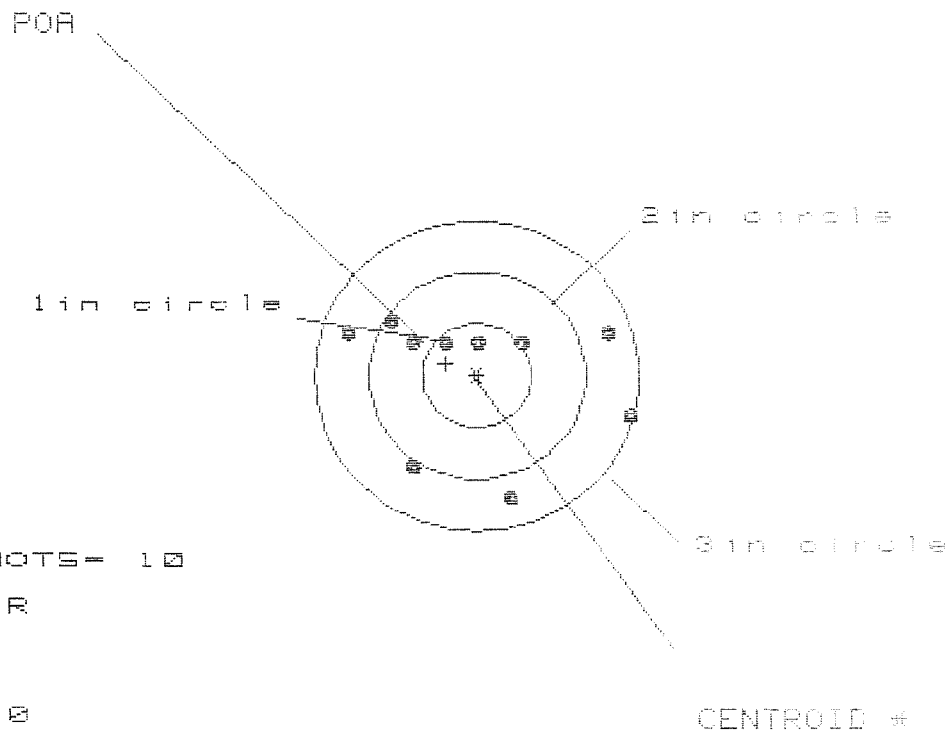
GS= 2.513

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.214	1.109	1.243
MINIMUM X	:	-.949	-.994	-.860
MAXIMUM Y	:	.765	.669	.717
MINIMUM Y	:	-.860	-.409	-.361
CENTROID X	:	-.120	-.015	-.149
CENTROID Y	:	.104	.200	.152
POA TO CENTROID in.	:	.159	.200	.213
MIN RADIUS	:	.170	.142	.211
MEAN RADIUS	:	.756	.688	.628
MAX RADIUS	:	1.281	1.194	1.294
HORIZONTAL SPREAD	:	2.163	2.103	2.103
VERTICAL SPREAD	:	1.625	1.078	1.078
EXTREME SPREAD	:	2.513	2.359	2.359
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

15 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/G8848132

CENTERFIRE PATTERNS # 4



HS= 2.623

VS= 1.669

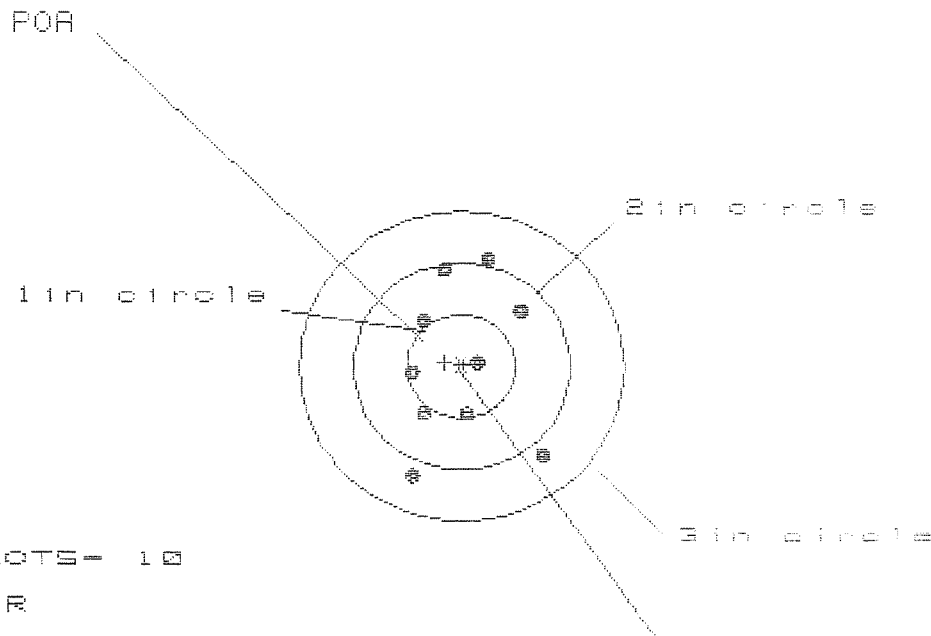
GS= 2.758

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.393	1.410	.733
MINIMUM X	:	-1.230	-1.075	-.899
MAXIMUM Y	:	.473	.429	.476
MINIMUM Y	:	-1.196	-1.240	-1.193
CENTROID X	:	.286	.131	-.045
CENTROID Y	:	-.116	-.072	-.119
POA TO CENTROID in.	:	.308	.149	.127
MIN RADIUS	:	.283	.260	.284
MEAN RADIUS	:	.904	.810	.723
MAX RADIUS	:	1.449	1.460	1.357
HORIZONTAL SPREAD	:	2.623	2.485	1.632
VERTICAL SPREAD	:	1.669	1.669	1.669
EXTREME SPREAD	:	2.758	2.485	2.261
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

15 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06949132

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 10

HS= 1.245

VS= 2.155

GS= 2.282

CENTROID *

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.773	.720	.581
MINIMUM X	-.473	-.502	-.412
MAXIMUM Y	1.066	.945	.824
MINIMUM Y	-1.089	-.967	-.675
CENTROID X	.154	.207	.117
CENTROID Y	-.040	.081	.202
POA TO CENTROID in.	.160	.222	.233
MIN RADIUS	.129	.146	.297
MEAN RADIUS	.715	.663	.591
MAX RADIUS	1.187	1.206	.882
HORIZONTAL SPREAD	1.245	1.222	.993
VERTICAL SPREAD	2.155	1.912	1.499
EXTREME SPREAD	2.282	1.998	1.623
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

Remington® **DUPONT** REG. U.S. PAT. & TM. OFF.

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

MODEL 700™ M24

SERIAL NO. C6349132

ORDER NO. 5716

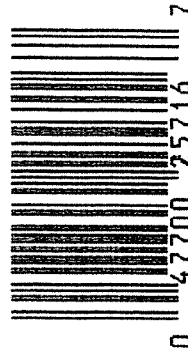
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

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5716 C6349132

LPC



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