

C6348857

MODEL 760TM M24

Model **S&S**TM

Action

Barrel Length

Capacity

Order No. **5715**

* Includes 1 in chamber.

Remington.

Remington

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naqletj	2/7/2005	10:19 AM	CAPS	NUM	INS	SCR
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SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348857.___0
FILE DATE AND TIME: 04/15/2005 08:29

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.052
The Average Y Centroid of the Five Target Set:	0.032
The Average Point of Impact of the Five Target Set:	0.061
The Average Mean Radius of the Five Target Set:	1.061
The Distance from POA to Centroid Target #1:	0.528
The Distance from Centroid Target #2 to Centroid Target #1:	0.837
The Distance from Centroid Target #3 to Centroid Target #1:	0.348
The Distance from Centroid Target #4 to Centroid Target #1:	0.684
The Distance from Centroid Target #5 to Centroid Target #1:	0.569

BARBER - M24 0039938

SERIAL NUMBER: C6348857. __0

TARGET NUMBER: 1

FILE DATE: 04/15/2005

FILE TIME: 08:29

POINT#	X	Y
1:	2.022	0.152
2:	1.403	1.187
3:	0.921	1.853
4:	-0.167	2.163
5:	0.327	0.780
6:	0.364	-0.156
7:	0.024	-0.686
8:	-0.482	-0.595
9:	-1.345	-0.033
10:	-0.464	-0.075

X CENTROID: 0.260

Y CENTROID: 0.459

POA TO CENTROID: 0.528

HORZ SPREAD: 3.367

VERT SPREAD: 2.849

GROUP SPREAD: 3.372

MIN RADIUS: 0.328

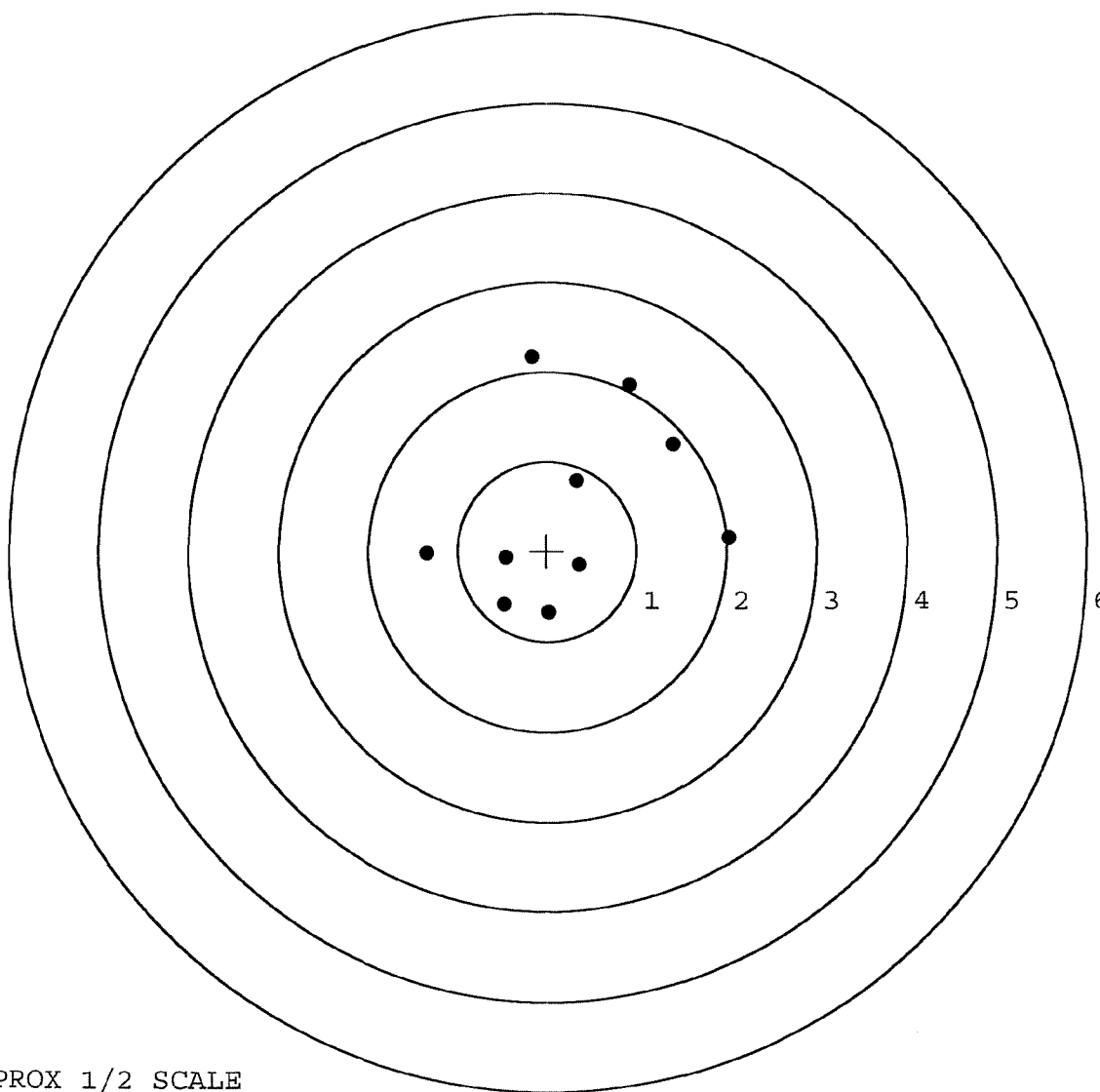
MAX RADIUS: 1.788

MEAN RADIUS: 1.243

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 3

in 3 IN DIAMETER: 6



TARGET APPROX 1/2 SCALE

BARBER - M24 0039939

SERIAL NUMBER: C6348857. __0

TARGET NUMBER: 2

FILE DATE: 04/15/2005

FILE TIME: 08:29

POINT#	X	Y
1:	1.300	-1.311
2:	0.765	-0.384
3:	0.290	-0.381
4:	0.142	-0.861
5:	-0.232	-0.837
6:	-0.042	0.154
7:	-0.233	0.256
8:	-0.790	0.648
9:	-0.385	1.774
10:	-0.490	-2.523

X CENTROID: 0.032

Y CENTROID: -0.347

POA TO CENTROID: 0.348

HORZ SPREAD: 2.090

VERT SPREAD: 4.297

GROUP SPREAD: 4.298

MIN RADIUS: 0.260

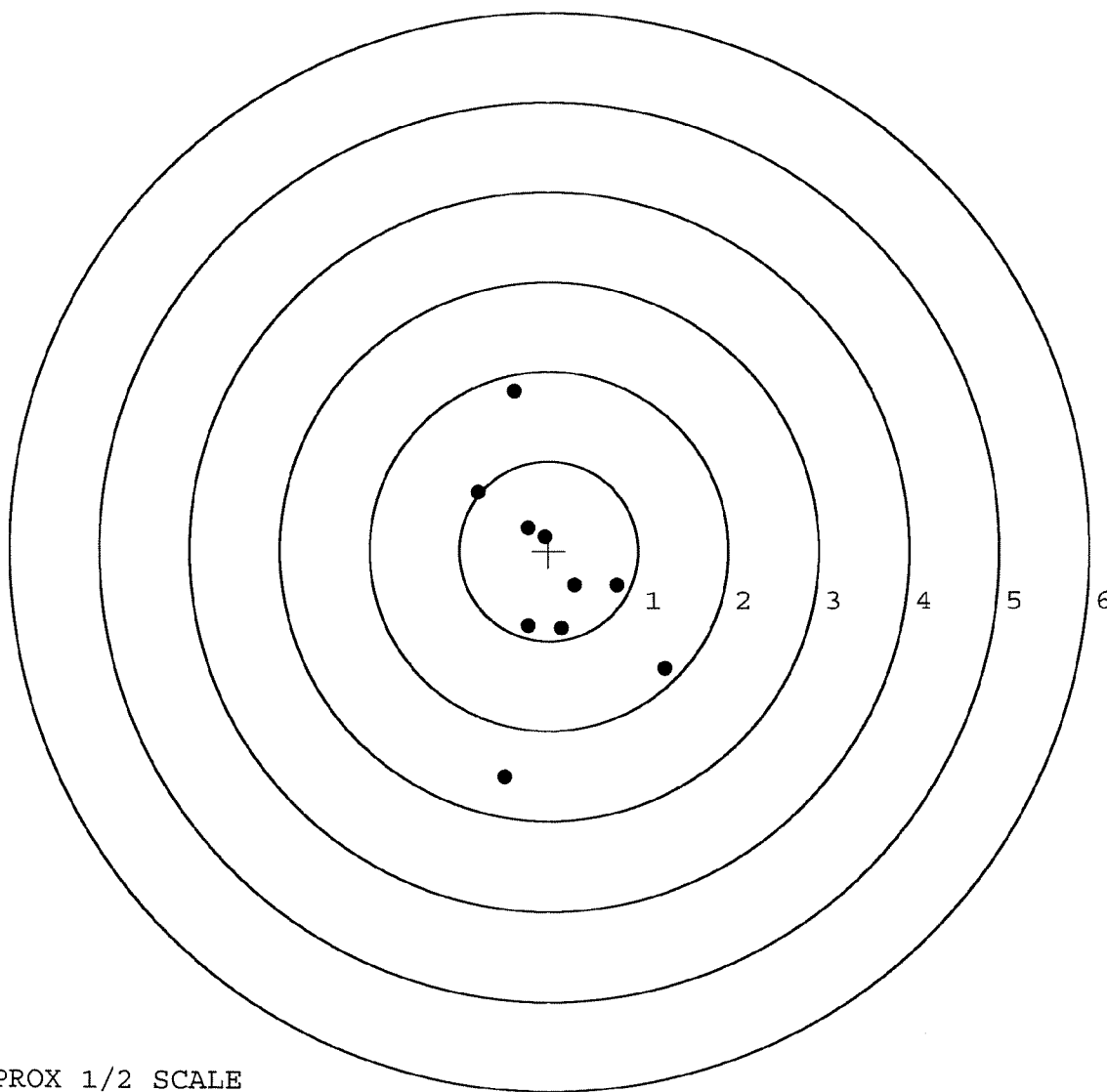
MAX RADIUS: 2.238

MEAN RADIUS: 1.052

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

BARBER - M24 0039940

SERIAL NUMBER: C6348857. __0

TARGET NUMBER: 3

FILE DATE: 04/15/2005

FILE TIME: 08:29

POINT#	X	Y
1:	1.694	0.178
2:	0.559	-0.783
3:	0.562	-1.443
4:	-1.058	-1.077
5:	-1.351	0.125
6:	0.077	0.196
7:	0.210	0.518
8:	0.303	1.115
9:	-0.387	2.149
10:	-0.074	0.811

X CENTROID: 0.053

Y CENTROID: 0.179

POA TO CENTROID: 0.187

HORZ SPREAD: 3.045

VERT SPREAD: 3.592

GROUP SPREAD: 3.715

MIN RADIUS: 0.029

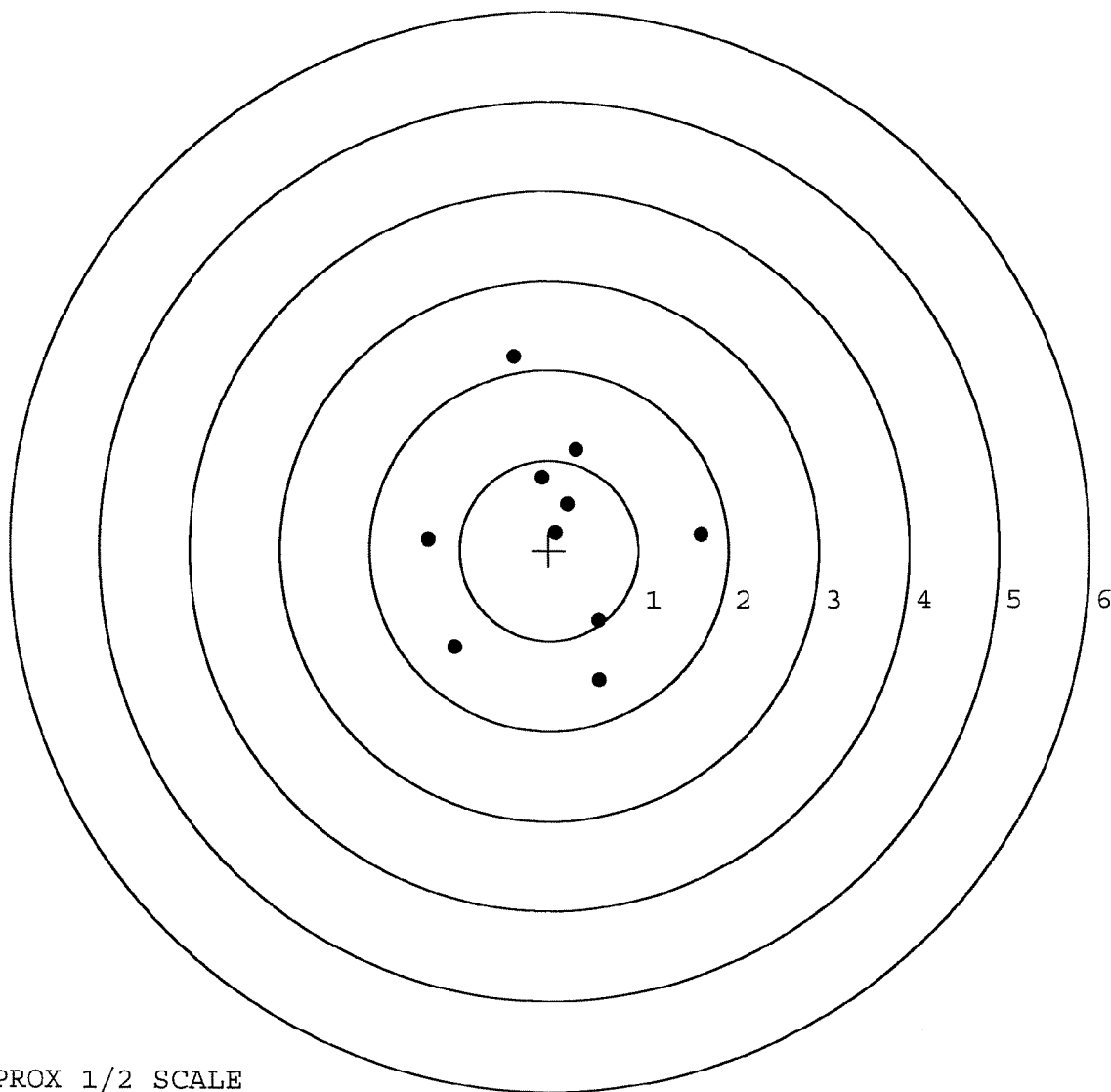
MAX RADIUS: 2.019

MEAN RADIUS: 1.154

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 6



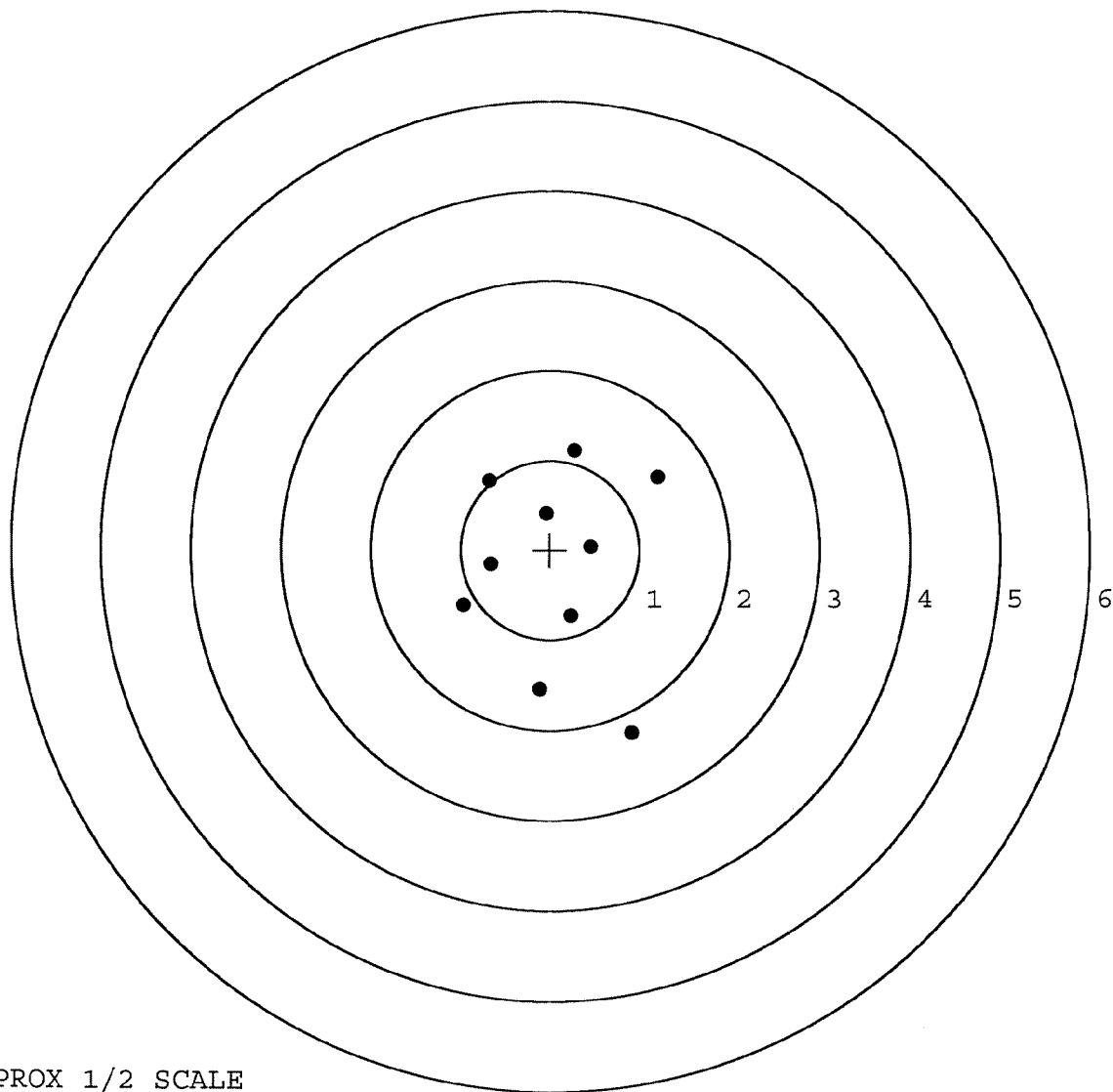
TARGET APPROX 1/2 SCALE

BARBER - M24 0039941

SERIAL NUMBER: C6348857. __0
 TARGET NUMBER: 4
 FILE DATE: 04/15/2005
 FILE TIME: 08:29

POINT#	X	Y
1:	1.206	0.815
2:	0.277	1.108
3:	0.456	0.037
4:	-0.664	-0.163
5:	-0.969	-0.623
6:	0.238	-0.740
7:	-0.677	0.778
8:	-0.045	0.408
9:	0.914	-2.031
10:	-0.119	-1.548

X CENTROID: 0.062
 Y CENTROID: -0.196
 POA TO CENTROID: 0.205
 HORZ SPREAD: 2.175
 VERT SPREAD: 3.139
 GROUP SPREAD: 3.228
 MIN RADIUS: 0.458
 MAX RADIUS: 2.023
 MEAN RADIUS: 1.094
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 4
 # in 3 IN DIAMETER: 8



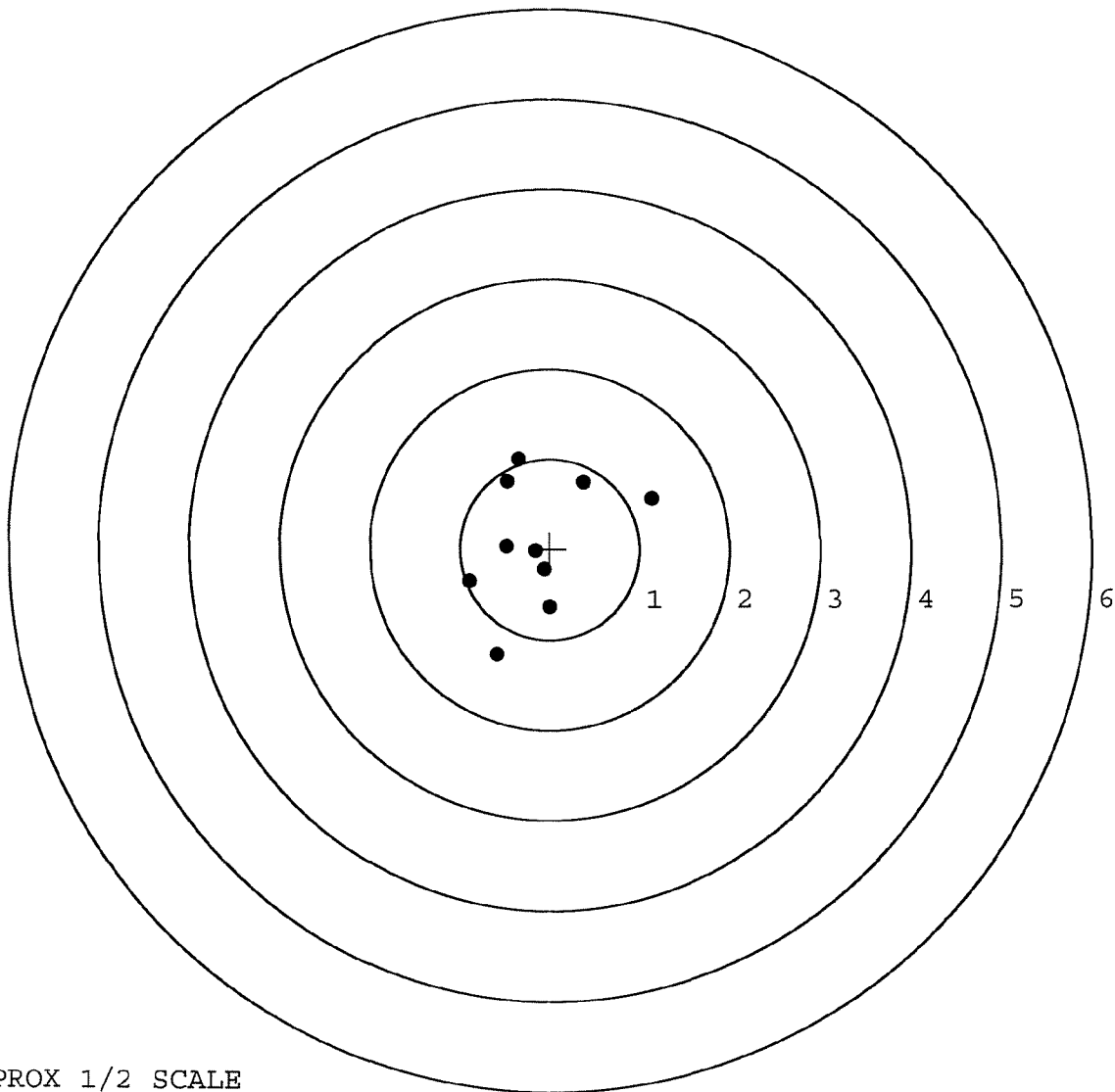
TARGET APPROX 1/2 SCALE

BARBER - M24 0039942

SERIAL NUMBER: C6348857. __0
 TARGET NUMBER: 5
 FILE DATE: 04/15/2005
 FILE TIME: 08:29

POINT#	X	Y
1:	1.141	0.562
2:	0.382	0.743
3:	-0.351	0.998
4:	-0.476	0.749
5:	-0.161	-0.025
6:	-0.063	-0.231
7:	-0.004	-0.646
8:	-0.592	-1.170
9:	-0.895	-0.364
10:	-0.483	0.033

X CENTROID: -0.150
 Y CENTROID: 0.065
 POA TO CENTROID: 0.164
 HORZ SPREAD: 2.036
 VERT SPREAD: 2.168
 GROUP SPREAD: 2.450
 MIN RADIUS: 0.091
 MAX RADIUS: 1.384
 MEAN RADIUS: 0.759
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

2.50 LBS (plus or minus 0.50 LBS)

DATE 3-11-05

3.00 LBS (plus or minus 0.75 LBS)

TESTER TRW

4.00 LBS (plus or minus 1.00 LBS)

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.79	2.65		2.59	
PULL #2	2.72	2.44		2.33	
PULL #3	2.49	2.30		2.40	
PULL #4	2.62	2.59		2.62	
PULL #5	2.56	2.65		2.37	
TOTAL	13.18	12.63		12.31	
AVERAGE	2.63	2.52		2.46	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.32	3.58		
PULL #2	3.43	3.45		
PULL #3	3.39	3.27		
PULL #4	3.31	3.13		
PULL #5	3.24	3.41		
TOTAL	16.69	16.84		
AVERAGE	3.33	3.36		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	4.32	4.02		4.18
PULL #2	4.19	4.27		4.27
PULL #3	4.09	4.08		4.20
PULL #4	4.33	4.02		4.18
PULL #5	4.09	4.21		4.21
TOTAL	21.02	20.60		21.04
AVERAGE	4.20	4.12		4.20

R & E NUMBER	92550		
SERIAL NUMBER	C6348857		
LOG-IN DATE	2-7-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	3-14-05	RTZ
560 A	RE-BARREL	3-17-05	RTZ
B	DRILL AND TAP	3-21-05	TRW
575	ASSEMBLE	3-18-05	RTZ
600	PROOF	3-21-05	AC
605	CHECK HEADSPACE	3-21-05	AC
610	DIS-ASSEMBLE GUN	3-21-05	RTZ
612	MAGNAFLUX		
615	ROLLMARK CALIBER	3-23-05	CN
618	ROTO-BLAST	3/29	JWS
620	APPLY COATINGS	4/5	HP
625 A	FINAL ASSEMBLY	4-14-05	RTZ
B	TRIGGER PULL TEST	4-22-05	TRW
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	4-15-05	TRW
655	FINAL INSPECT	4-22-05	AC
660	PACK	4-23-05	DA
		SHIP DATE	
QAR INSPECTION DATE			

Remington®

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

REMINGTON
REG. U.S. PAT. & TM. OFF.

MODEL 700™ M24

SERIAL NO.
C6348857

ORDER NO.
5716

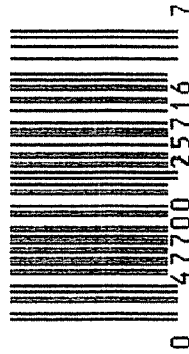
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Q1



5716 C6348857

LPC



0 47700 25716 7



GUN SERIAL #

C6348857

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 26	89	Rw
600	Proof	9 26	89	Rw
607	Check Headspace	9 26	89	Rw
610	Dis-assemble Gun	9 26	89	Rw
612	Magnaflux Barrel Action	9/29/89	89	KCR
	Magnaflux Bolt	9/29/89	89	KCR
615	Rollmark Caliber	9/29/89	89	JS
7	Drill and Tap Sight Holes	9 29	89	JB
618	Polish Barrel AB	9 29	89	BT
620	Apply Coatings (Barrel Action)		10/11/89	TSA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		10/14/89	Rw
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/14/89	Rw
	C) Inspect Ejector Hole for Chamfer		10/14/89	Rw
	D) Oil Firing Pin Ass'y		10/14/89	Rw
	E) Adjust Trigger Pull to Min Setting and Stake		24 Oct 89	JS

BARBER - M24 0039947								
op. #	OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	5	5	4	10/24/89	JS		
	G) Safety Off Force	3	3	3	10/24/89	JS		
	H) Trigger Pull Test & Retainability				24 Oct 89	JS		
	I) Firing Pin Indent	.0225	.022	.022	10/24/89	JS		
	J) Assemble Stock				10/25/89	RW		
	K) Assemble Swivel Studs				27 Oct 89	JS		
	L) Attach Front and Rear Sight Assemblies				12/1/89	RW		
	M) Iron Sight Alignment				12/1/89	RW		
	N) Detach Front & Rear Sights & place in numbered container				12/1/89	RW		
	O) Attach Scope to Rifle				10/25/89	JS		
	P) Detach & Attach Scope 20 Times				10/25/89	JS		
640	Gallery Target & Test	Reshoot			2-27-90	10-25-89 AC		
	A) Time			2-27-90	10-25-89 AC			
	B) Malfunctions			2-27-90	10-25-89 AC			
	C) Pierced Primers			2-27-90	10-25-89 AC			
	D) Optical Clarity of Scope			2-27-90	10-25-89 AC			
645	Inspect for Live Ammo			2-27-90	10-25-89 AC			
655	Final Inspection							
	A) Headspace				27 Oct 89	JS		
	B) Trigger Pull	1.43	1.44	1.59	2.27	2.47	28 Oct 89	JS
	C) Function	2.22	1.38	1.25	2.17	2.38	27 Oct 89	JS
660	Pack						28 Oct 89	JS

TIME 7TAG

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO.

C6348857

DATE

24 Oct 89

TESTER

JLD

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	245	245	266	243	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	252	224	282	244	
PULL #3	235	246	267	259	
PULL #4	240	253	267	227	
PULL #5	249	241	271	247	
TOTAL	1221	1209	1353	1220	
AVG.	244.2	241.8	270.6	244	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	320	317		
PULL #2	313	341		
PULL #3	329	342		
PULL #4	331	343		
PULL #5	321	338		
TOTAL	1614	1681		
AVG.	322.8	336.2		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	421	411		423
PULL #2	423	423		422
PULL #3	434	427		394
PULL #4	420	439		407
PULL #5	424	438		387
TOTAL	2122	2138		2033
AVG.	424.4	427.6		406.6

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348857
27 Feb 1990

CENTROIDAL DISTANCES

0 TO	1	.234079
1 TO	2	.11625
1 TO	3	.356387
1 TO	4	.309588
1 TO	5	.562539

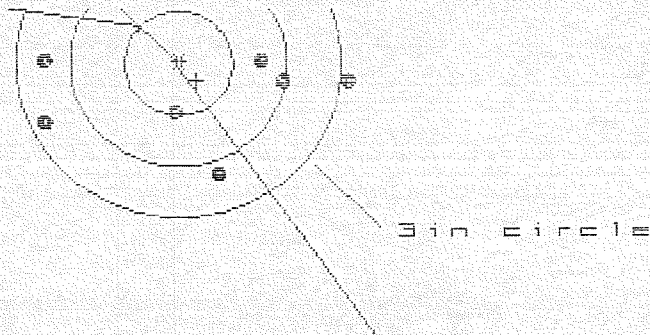
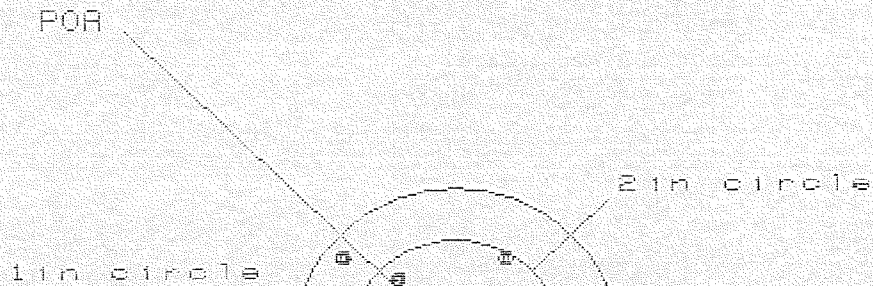

 C----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0216
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0292
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0363208
 THE BMR FOR THIS RIFLE IS: .9688

24 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8346857

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 4

3 in = 9

HE= 2.861

VS= 1.905

CD= 2.886

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.602	1.187	1.076
MINIMUM X	-1.259	-1.081	-1.192
MAXIMUM Y	.876	.860	.891
MINIMUM Y	-1.029	-1.045	-0.938
CENTROID X	-.163	-.341	-.230
CENTROID Y	.168	.184	.077
POA TO CENTROID in.	.234	.387	.242
MIN RADIUS	.436	.454	.337
MEAN RADIUS	1.060	.994	.946
MAX RADIUS	1.608	1.234	1.269
HORIZONTAL SPREAD	2.861	2.268	2.268
VERTICAL SPREAD	1.905	1.905	1.829
EXTREME SPREAD	2.886	2.363	2.297

NUMBER IN ONE	INCH CIRCLE	=	1
NUMBER IN TWO	INCH CIRCLE	=	4
NUMBER IN THREE	INCH CIRCLE	=	9

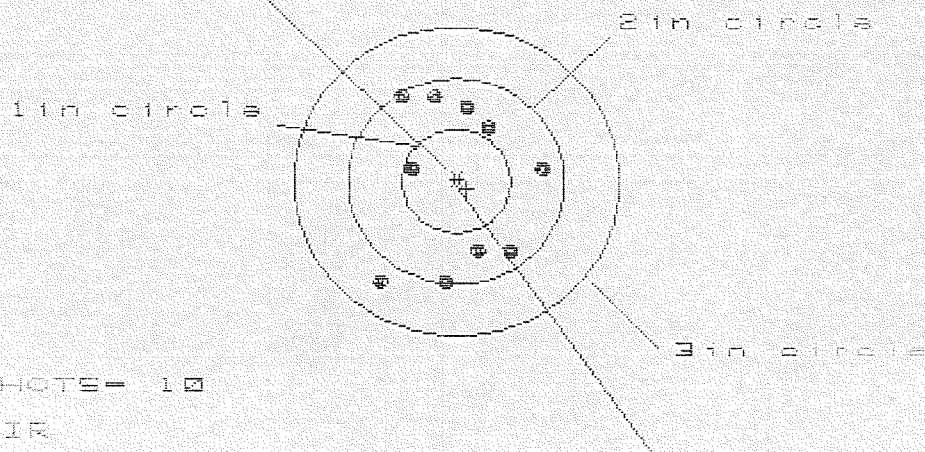
BARBER - M24 0039951

27 Feb 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C8340857

CENTERFIRE PATTERNS # 2

FOR



OF SHOTS = 10

IN CIR

1in = 1

2in = 9

3in = 10

CENTROID +

HE= 1.533

BARBER -M24 0039952

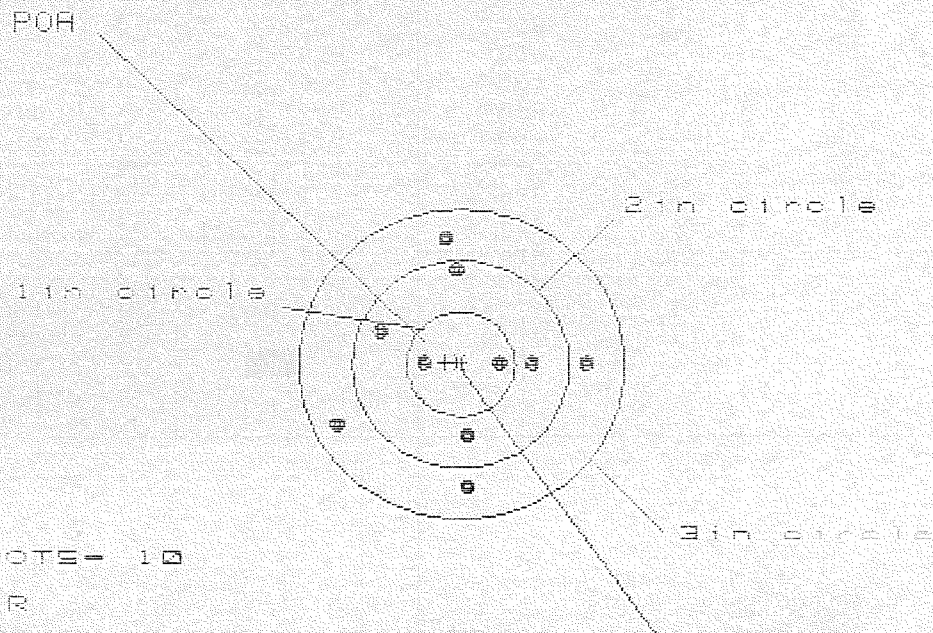
GS= 1.887

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.840	.763	.744
MINIMUM X	:	-.693	-.564	-.583
MAXIMUM Y	:	.870	.765	.628
MINIMUM Y	:	-.992	-1.097	-.924
CENTROID X	:	-.096	-.019	-.000
CENTROID Y	:	.073	.178	.315
POA TO CENTROID in.	:	.120	.179	.315
MIN RADIUS	:	.451	.502	.389
MEAN RADIUS	:	.824	.769	.701
MAX RADIUS	:	1.175	1.107	.996
HORIZONTAL SPREAD	:	1.533	1.327	1.327
VERTICAL SPREAD	:	1.862	1.862	1.552
EXTREME SPREAD	:	1.887	1.870	1.789
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

27 Feb 1990

FILE: PATTERNING/CENTERFIRE_PATT/06340857

CENTERFIRE PATTERNS # 3



STN - 5

BARBER - M24 0039953

CENTROID *

HS= 2.305

VS= 2.379

ES= 2.388

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.169	1.043	1.006
MINIMUM X	:	-1.135	-0.840	-0.877
MAXIMUM Y	:	1.212	1.147	.995
MINIMUM Y	:	-1.167	-1.232	-1.088
CENTROID X	:	.141	.268	.305
CENTROID Y	:	-.018	.047	-.097
POA TO CENTROID in.	:	.143	.272	.320
MIN RADIUS	:	.331	.264	.221
MEAN RADIUS	:	.860	.803	.739
MAX RADIUS	:	1.276	1.235	1.096
HORIZONTAL SPREAD	:	2.305	1.883	1.883
VERTICAL SPREAD	:	2.379	2.379	2.083
EXTREME SPREAD	:	2.388	2.388	2.083
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

27 Feb 1993

FILE:/PATTERNING/CENTERFIRE_PATT/0634B0057

CENTERFIRE PATTERNS # 4

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 1

2in = 3

3in = 10

CENTROID #

HS= 2.550

VS= 2.386

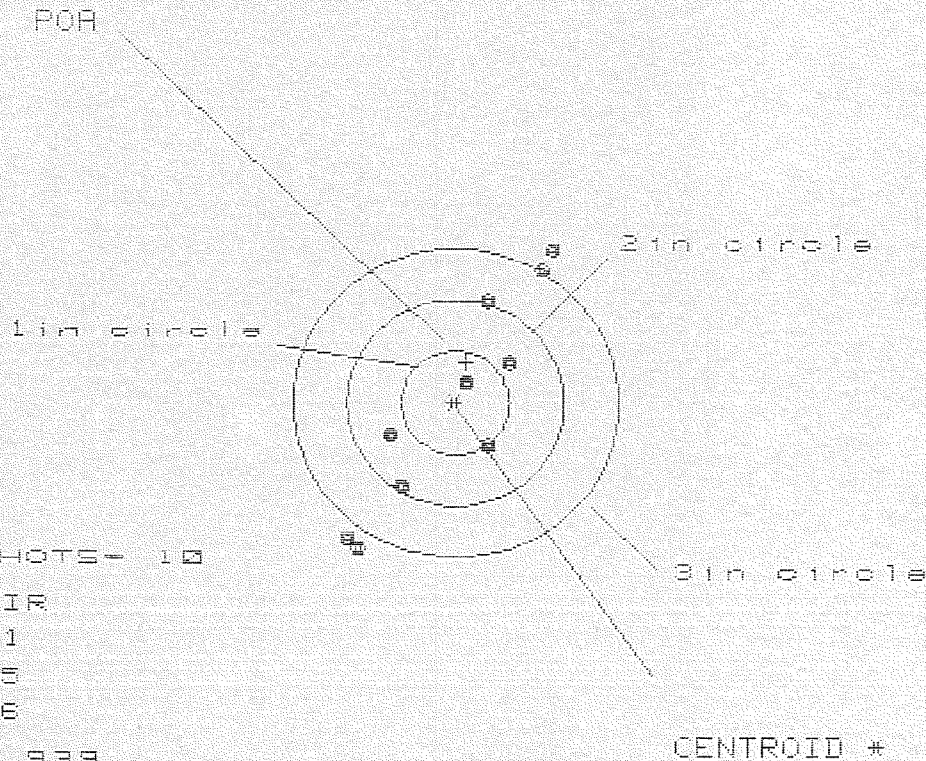
GS= 2.557

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.129	1.138	.962
MINIMUM X	-1.421	-1.412	-1.400
MAXIMUM Y	1.433	1.092	1.131
MINIMUM Y	-.953	-.794	-.755
CENTROID X	.110	.101	.277
CENTROID Y	.022	-.137	-.176
POA TO CENTROID in.	.112	.170	.328
MIN RADIUS	.355	.395	.377
MEAN RADIUS	1.031	.974	.882
MAX RADIUS	1.435	1.445	1.430
HORIZONTAL SPREAD	2.550	2.550	2.362
VERTICAL SPREAD	2.386	1.886	1.886
EXTREME SPREAD	2.557	2.557	2.404
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =		10	

27 Feb 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08346857

CENTERFIRE PATTERNS # 5



PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.943	.940	.840
MINIMUM X	-.996	-.891	-.991
MAXIMUM Y	1.527	1.417	1.261
MINIMUM Y	-1.419	-1.250	-1.249
CENTROID X	-.100	-.205	-.105
CENTROID Y	-.391	-.560	-.404
POB TO CENTROID in.	.403	.597	.418
MIN RADIUS	.210	.410	.224
MEAN RADIUS	1.069	.985	.903
MAX RADIUS	1.794	1.701	1.594
HORIZONTAL SPREAD	1.939	1.831	1.831
VERTICAL SPREAD	2.946	2.667	2.510
EXTREME SPREAD	3.478	3.184	3.107
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	6		