

05346955

MODEL 700TM M24

Model **S&S** TM

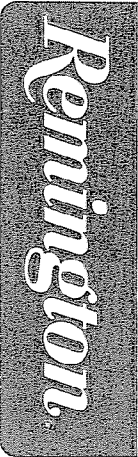
Action

Barrel Length

Capacity

Order No. **5716**

* Includes 1 in chamber.





RECORDS CONTROL SCHEDULE

RECORDS CATEGORY OR TITLE:

618 - COST IMPROVEMENT-Weekly Savings,

Monthly Summaries - 1981

COPY "O" (OFFICIAL) ☐ "X" (EXTRA) ☒

TOTAL RETENTION: MAX. 3 YEARS

1981 - 1984

GS-11050 Rev. 8/78

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348955.__0

FILE DATE AND TIME: 07/14/2004 06:06

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

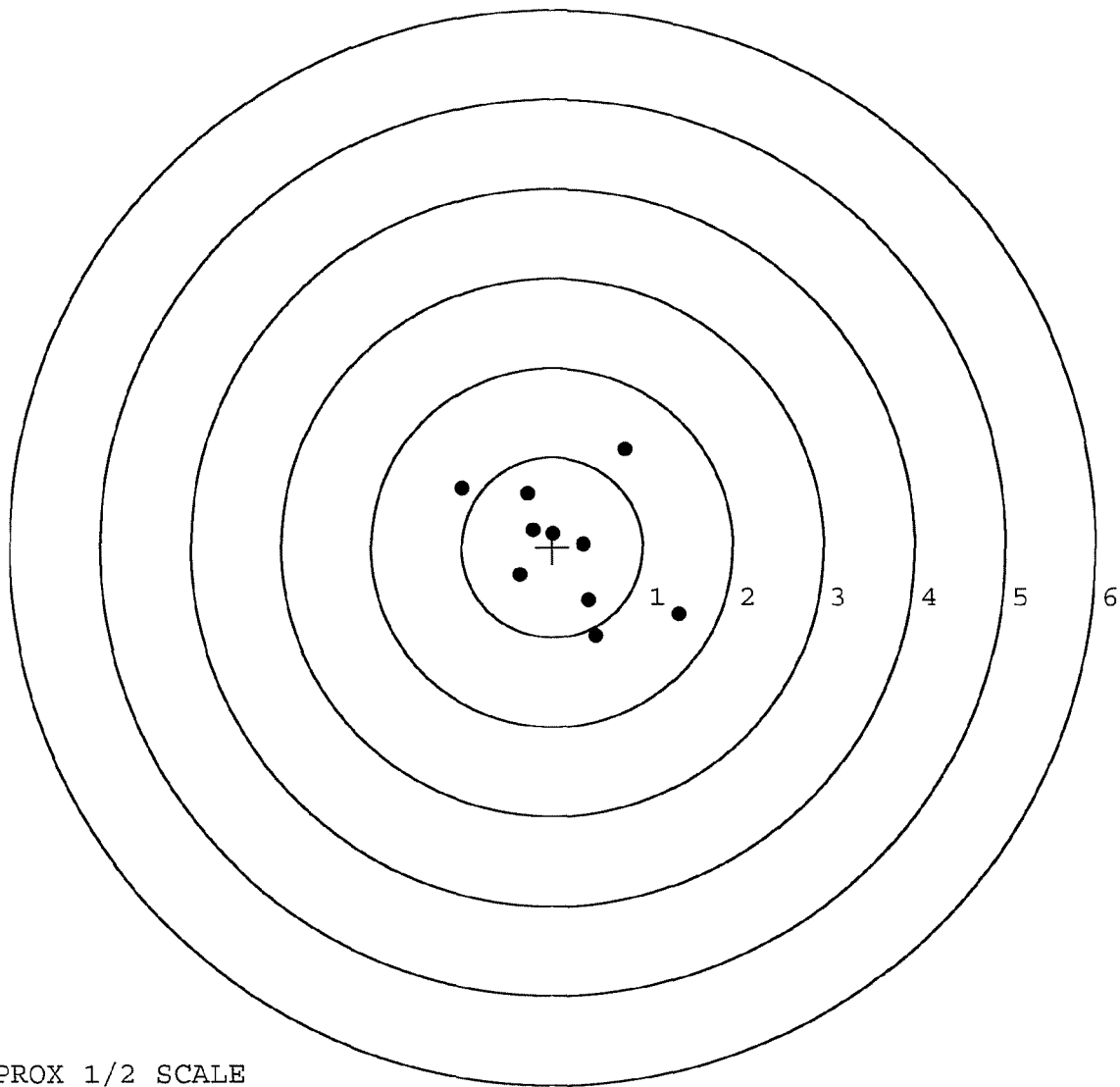
The Average X Centroid of the Five Target Set:	0.171
The Average Y Centroid of the Five Target Set:	-0.132
The Average Point of Impact of the Five Target Set:	0.216
The Average Mean Radius of the Five Target Set:	0.920
The Distance from POA to Centroid Target #1:	0.160
The Distance from Centroid Target #2 to Centroid Target #1:	0.200
The Distance from Centroid Target #3 to Centroid Target #1:	0.316
The Distance from Centroid Target #4 to Centroid Target #1:	0.253
The Distance from Centroid Target #5 to Centroid Target #1:	0.312

BARBER - M24 0042523

SERIAL NUMBER: C6348955. __0
TARGET NUMBER: 1
FILE DATE: 07/14/2004
FILE TIME: 06:06

POINT#	X	Y
1:	1.402	-0.743
2:	0.481	-0.989
3:	0.402	-0.587
4:	0.811	1.089
5:	0.341	0.037
6:	0.007	0.152
7:	-0.354	-0.313
8:	-0.272	0.594
9:	-0.999	0.658
10:	-0.218	0.192

X CENTROID: 0.160
Y CENTROID: 0.009
POA TO CENTROID: 0.160
HORZ SPREAD: 2.401
VERT SPREAD: 2.078
GROUP SPREAD: 2.780
MIN RADIUS: 0.183
MAX RADIUS: 1.452
MEAN RADIUS: 0.788
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0042524

SERIAL NUMBER: C6348955. __0

TARGET NUMBER: 2

FILE DATE: 07/14/2004

FILE TIME: 06:06

POINT#	X	Y
1:	0.190	-0.806
2:	-0.163	-1.210
3:	-0.889	-0.266
4:	-0.110	0.081
5:	0.182	0.077
6:	0.036	0.615
7:	0.622	0.535
8:	1.091	0.624
9:	1.047	0.843
10:	0.864	1.139

X CENTROID: 0.287

Y CENTROID: 0.163

POA TO CENTROID: 0.330

HORZ SPREAD: 1.980

VERT SPREAD: 2.349

GROUP SPREAD: 2.564

MIN RADIUS: 0.136

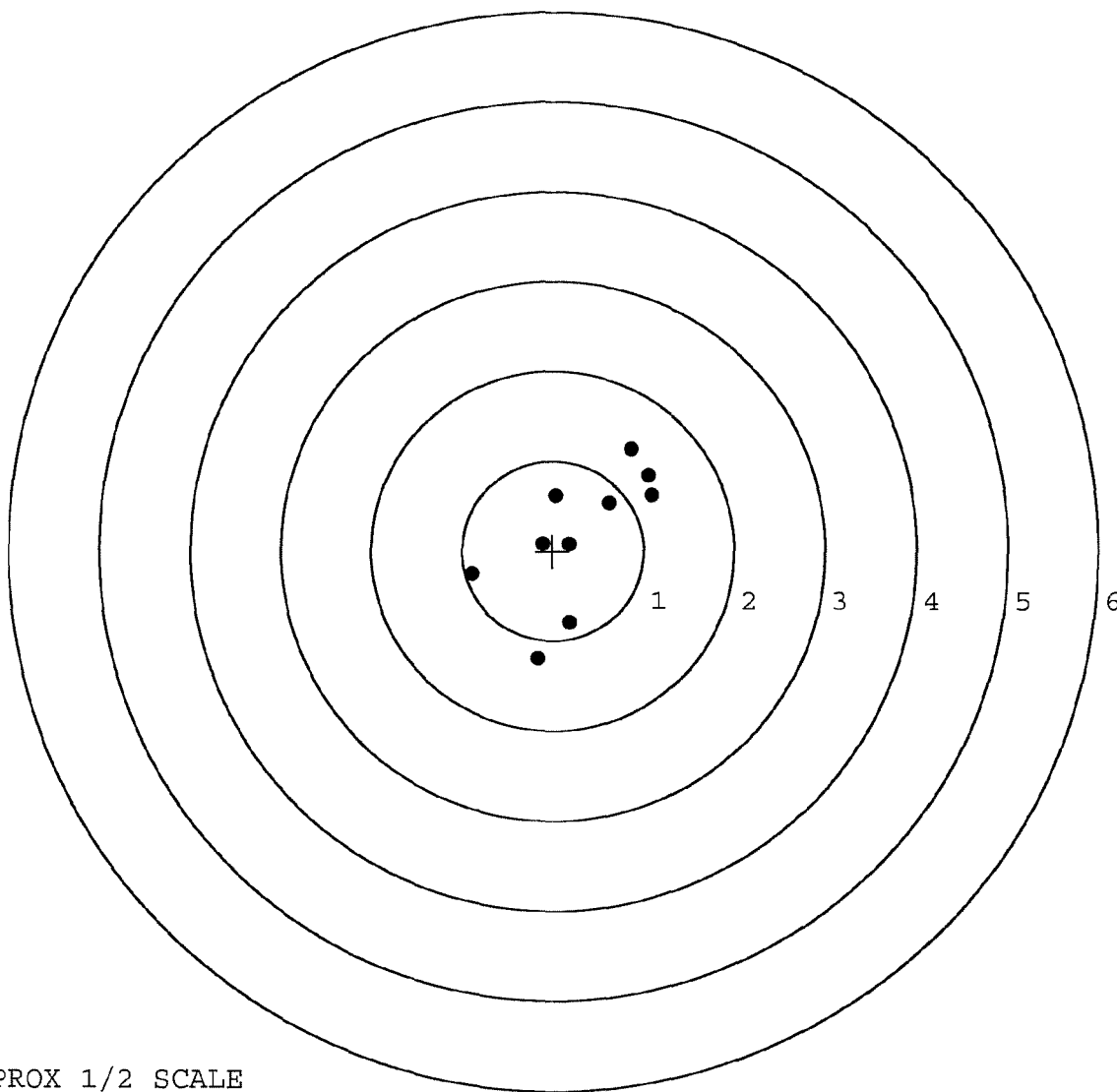
MAX RADIUS: 1.445

MEAN RADIUS: 0.831

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10



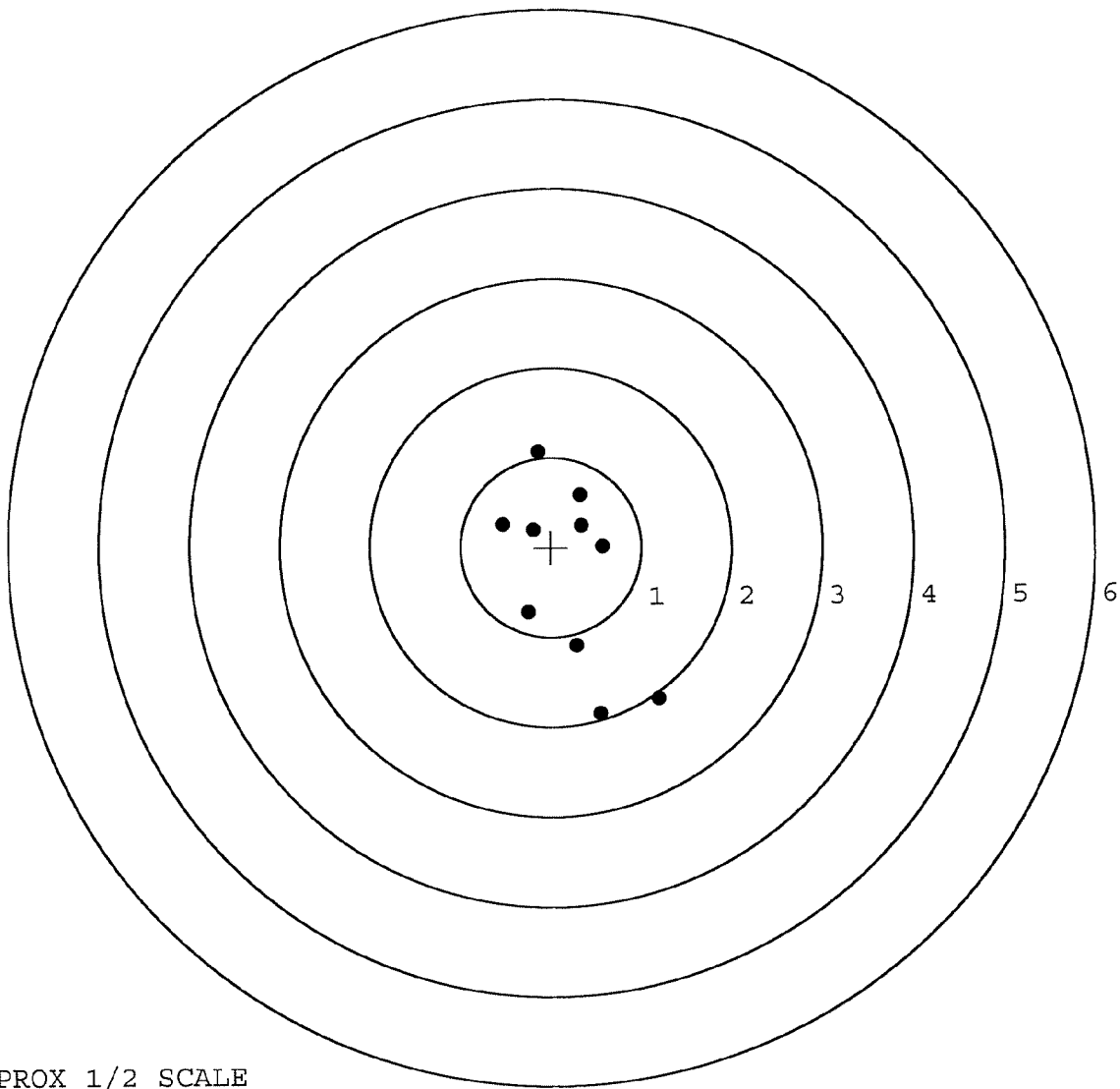
TARGET APPROX 1/2 SCALE

BARBER - M24 0042525

SERIAL NUMBER: C6348955. __0
 TARGET NUMBER: 3
 FILE DATE: 07/14/2004
 FILE TIME: 06:06

POINT#	X	Y
1:	1.182	-1.695
2:	0.534	-1.866
3:	0.278	-1.100
4:	-0.254	-0.727
5:	0.572	0.010
6:	0.337	0.246
7:	0.326	0.585
8:	-0.196	0.195
9:	-0.530	0.257
10:	-0.139	1.062

X CENTROID: 0.211
 Y CENTROID: -0.303
 POA TO CENTROID: 0.369
 HORZ SPREAD: 1.712
 VERT SPREAD: 2.928
 GROUP SPREAD: 3.057
 MIN RADIUS: 0.478
 MAX RADIUS: 1.697
 MEAN RADIUS: 0.964
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

BARBER - M24 0042526

SERIAL NUMBER: C6348955. __0

TARGET NUMBER: 4

FILE DATE: 07/14/2004

FILE TIME: 06:06

POINT#	X	Y
1:	1.522	-0.841
2:	1.026	-1.835
3:	0.484	-1.729
4:	0.147	-0.518
5:	-0.898	-0.225
6:	-0.554	0.343
7:	-0.025	0.339
8:	0.081	0.699
9:	0.146	1.237
10:	-0.454	0.093

X CENTROID: 0.148

Y CENTROID: -0.244

POA TO CENTROID: 0.285

HORZ SPREAD: 2.420

VERT SPREAD: 3.072

GROUP SPREAD: 3.196

MIN RADIUS: 0.274

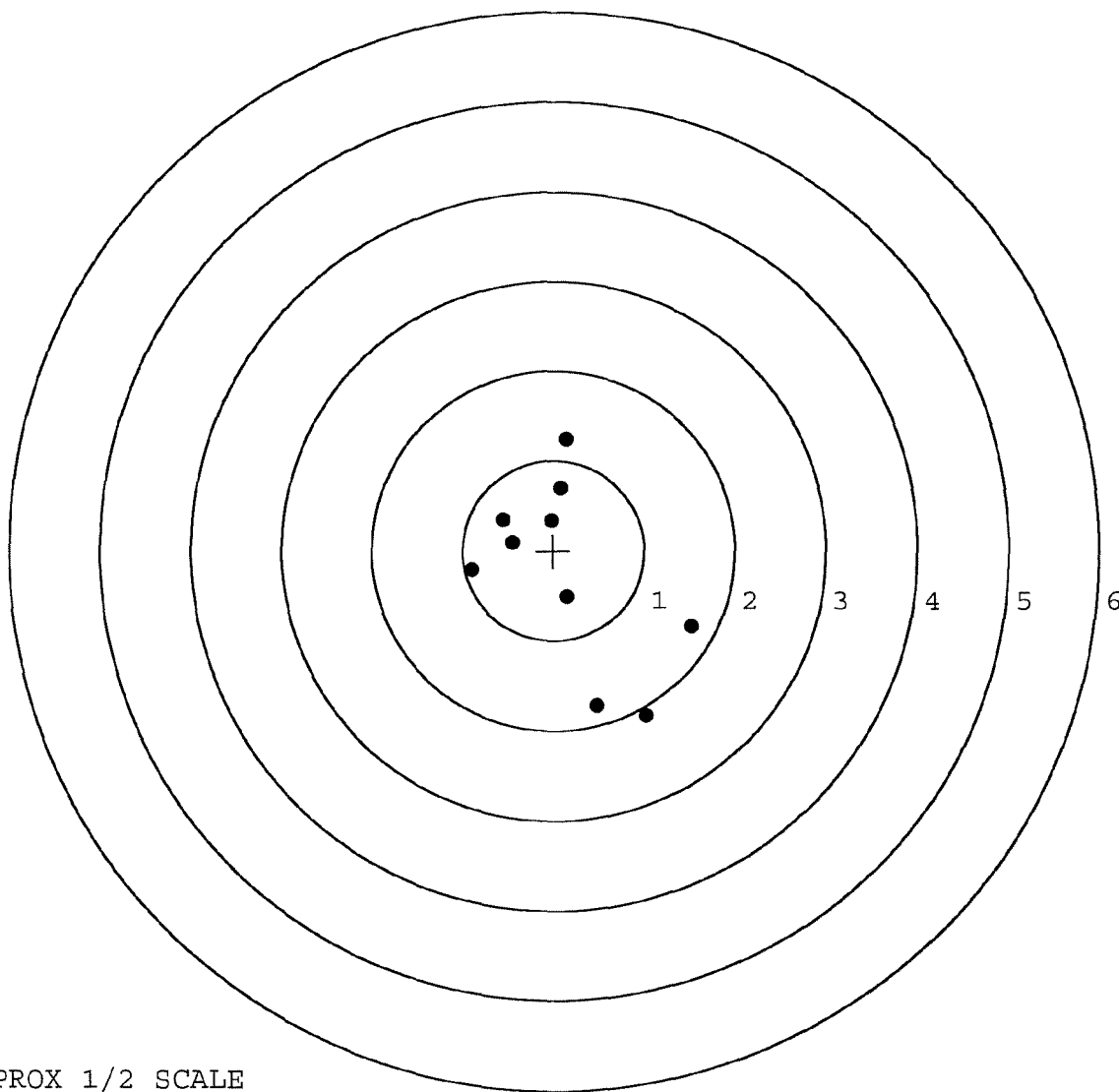
MAX RADIUS: 1.818

MEAN RADIUS: 1.080

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 8



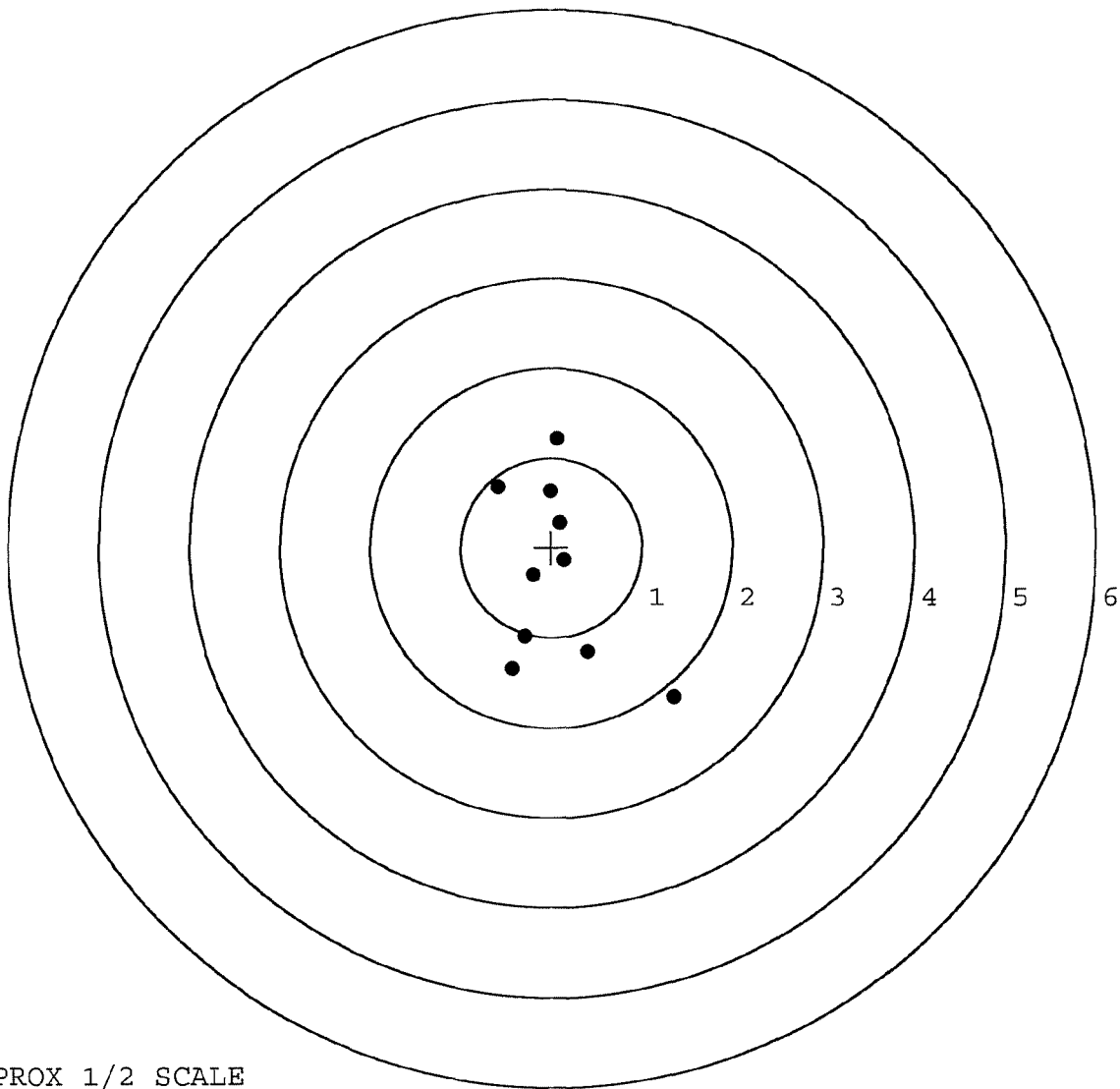
TARGET APPROX 1/2 SCALE

BARBER - M24 0042527

SERIAL NUMBER: C6348955. __0
TARGET NUMBER: 5
FILE DATE: 07/14/2004
FILE TIME: 06:06

POINT#	X	Y
1:	1.354	-1.666
2:	0.396	-1.166
3:	-0.299	-0.994
4:	-0.429	-1.356
5:	-0.204	-0.310
6:	0.141	-0.140
7:	0.095	0.278
8:	-0.013	0.630
9:	-0.593	0.675
10:	0.063	1.215

X CENTROID: 0.051
Y CENTROID: -0.283
POA TO CENTROID: 0.288
HORZ SPREAD: 1.947
VERT SPREAD: 2.881
GROUP SPREAD: 3.157
MIN RADIUS: 0.169
MAX RADIUS: 1.900
MEAN RADIUS: 0.937
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

R & E NUMBER	82550		
SERIAL NUMBER	C6348955		
LOG-IN DATE	7-6-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	7-6-04	RTL
560 A	RE-BARREL	7-7-04	RTL
B	DRILL AND TAP	7-7-04	RTL
575	ASSEMBLE	7-7-04	RTL
600	PROOF	7-7-04	RTL
605	CHECK HEADSPACE	7-7-04	RTL
610	DIS-ASSEMBLE GUN	7-7-04	RTL
612	MAGNAFLUX	OPERATOR <u>BS</u>	
615	ROLLMARK CALIBER	7-7-04	RTL
618	ROTO-BLAST	7/7/2004	Dans.
620	APPLY COATINGS	7-13	DA
625 A	FINAL ASSEMBLY	7-13-04	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	7-14-04	DA
655	FINAL INSPECT	7-19-04	RTL
660	PACK	7-20-04	DA
		SHIP DATE	
		QAR INSPECTION DATE	

Remington®  REG. U.S. PAT. & TM. OFF.

MODEL 700™ H24

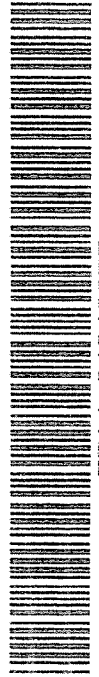
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

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

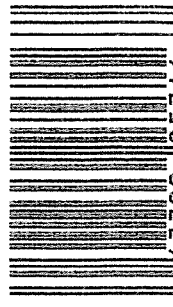
SERIAL NO.
C6348955

ORDER NO.
5716

01


5716 C6348955

LPC


0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348955

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10-9	89	RW
600	Proof	10-9	89	A
607	Check Headspace	10-9	89	RW
610	Dis-assemble Gun	10-9	89	RW
612	Magnaflux Barrel Action		11/2/89	KCR
	Magnaflux Bolt		11/2/89	KCR
615	Rollmark Caliber		11/2/89	G.S.
7	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)		11-3-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/4/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/4/89	RW
	C) Inspect Ejector Hole for Chamfer		11/4/89	RW
	D) Oil Firing Pin Ass'y		11/4/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		7 Nov 89	JS

BARBER - M24 0042531

BARBER - M24 0042531							
op. #	OP. NAME	READINGS			DATE	INIT	
625 cont.	F) Safety On Force	6	6	6	11-7-89		
	G) Safety Off Force	3	3	3	11-7-89		
	H) Trigger Pull Test & Retainability				7/10/89	928	
	I) Firing Pin Indent	.020	.0205	.0205	11-7-89	94	
	J) Assemble Stock				11/7/89	RW	
	K) Assemble Swivel Studs				13/10/89	928	
	L) Attach Front and Rear Sight Assemblies				11/7/89	RW	
	M) Iron Sight Alignment				11/7/89	RW	
	N) Detach Front & Rear Sights & place in numbered container				11/7/89	RW	
	O) Attach Scope to Rifle				11-7-89	94	
	P) Detach & Attach Scope 20 Times				11-7-89	94	
640	Gallery Target & Test				11-9-89	DH	
	A) Time				11-9-89	DH	
	B) Malfunctions				11-9-89	DH	
	C) Pierced Primers				11-9-89	DH	
	D) Optical Clarity of Scope				11-9-89	DH	
645	Inspect for Live Ammo				11-9-89	DH	
655	Final Inspection						
	A) Headspace				13/10/89	928	
	B) Trigger Pull	2.71	2.57	2.54	2.62	2.68	13/10/89
	C) Function				13/10/89	928	
660	Pack				14/10/89	921	

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6348953

DATE 10 MAR 90

TESTER JS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.42	2.29	2.47	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.45	2.19	2.51	
PULL #3	2.39	2.33	2.51	
PULL #4	2.28	2.45	2.50	
PULL #5	2.51	2.42	2.36	
TOTAL	12.05	11.66	12.35	
AVG.	2.41	2.332	2.51	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.25	3.18	
PULL #2	3.29	3.25	
PULL #3	3.33	3.23	
PULL #4	3.29	3.25	
PULL #5	3.10	3.27	
TOTAL	16.26	16.18	
AVG.	3.252	3.236	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.15	4.00		
PULL #2	4.09	4.03		
PULL #3	4.19	4.03		
PULL #4	4.15	4.09		
PULL #5	4.13	4.06		
TOTAL	20.71	20.21		
AVG.	4.142	4.042		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348955
10 Nov 1989

CENTROIDAL DISTANCES

0 TO	1	.411709
1 TO	2	.561965
1 TO	3	.536594
1 TO	4	.226736
1 TO	5	.487649

5
3.41 <----POA
2

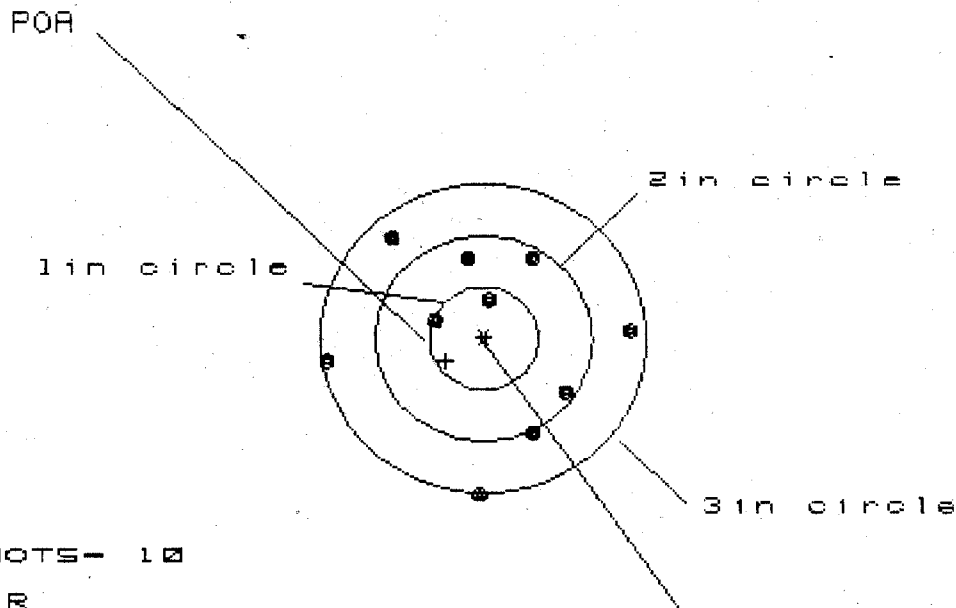
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0798
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2428
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .255578

THE AMR FOR THIS RIFLE IS: 1.06

10 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C634B955

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in - 2

2in - 5

3in - 10

HS- 2.743

VS- 2.436

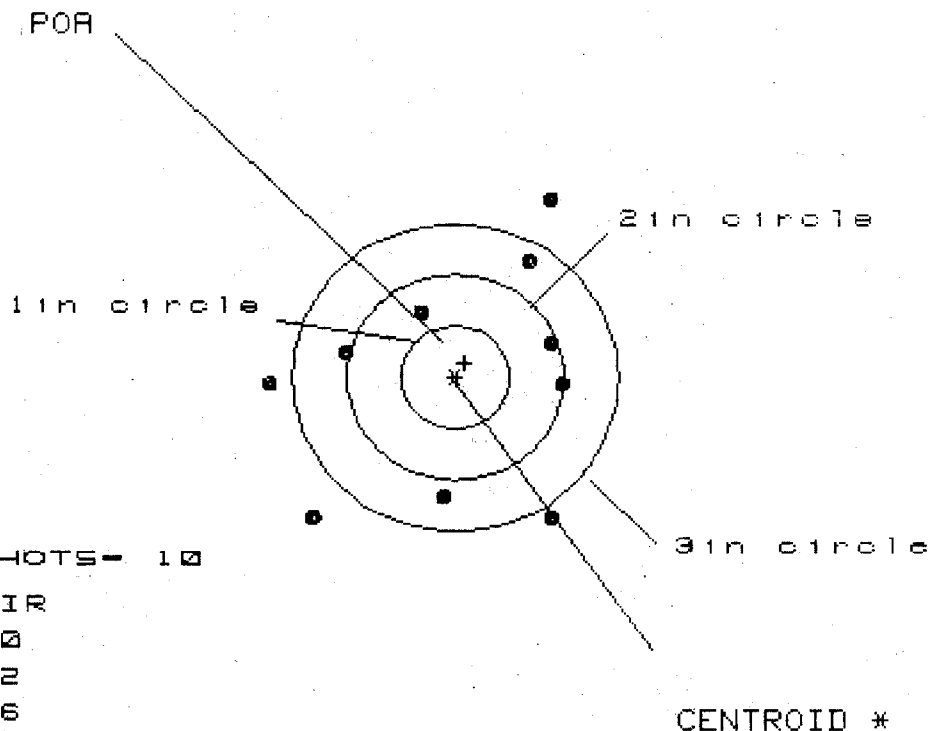
GS- 2.759

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.307	1.296	1.115
MINIMUM X	:	-1.436	-1.447	-1.063
MAXIMUM Y	:	.943	.777	.735
MINIMUM Y	:	-1.493	-1.116	-1.159
CENTROID X	:	.348	.359	.540
CENTROID Y	:	.220	.386	.428
POA TO CENTROID in.	:	.412	.527	.689
MIN RADIUS	:	.428	.263	.246
MEAN RADIUS	:	1.012	.922	.839
MAX RADIUS	:	1.496	1.487	1.292
HORIZONTAL SPREAD	:	2.743	2.743	2.178
VERTICAL SPREAD	:	2.436	1.893	1.397
EXTREME SPREAD	:	2.759	2.759	2.536
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	10		

18 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6348955

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in - 0

2 in - 2

3 in - 6

HS = 2.683

VS = 3.147

GS = 3.859

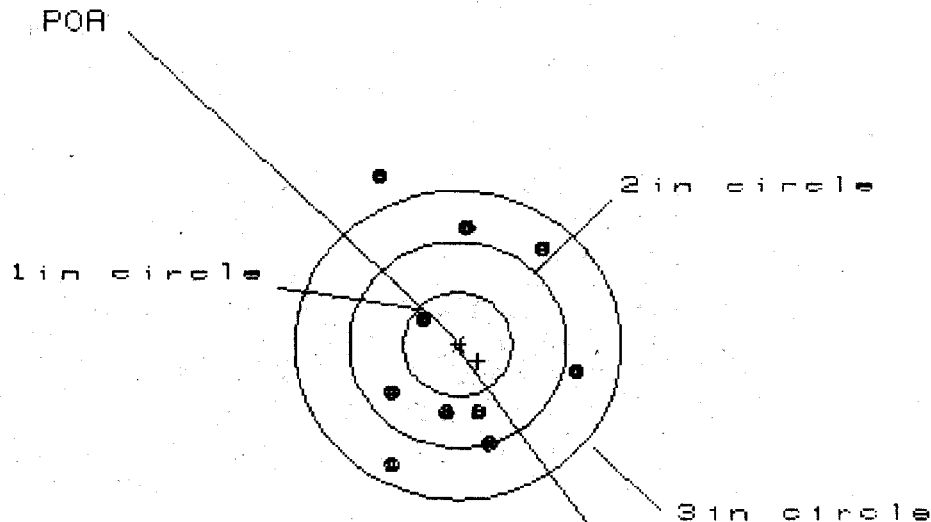
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.017	1.117	.963
MINIMUM X	-1.666	-1.566	-1.720
MAXIMUM Y	1.741	1.320	1.169
MINIMUM Y	-1.406	-1.213	-1.273
CENTROID X	-.086	-.186	-.032
CENTROID Y	-.137	-.330	-.179
POR TO CENTROID in.	.162	.379	.182
MIN RADIUS	.690	.824	.754
MEAN RADIUS	1.336	1.267	1.183
MAX RADIUS	1.960	1.729	1.720
HORIZONTAL SPREAD	2.683	2.683	2.683
VERTICAL SPREAD	3.147	2.533	2.442
EXTREME SPREAD	3.859	3.235	2.867
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =		2	
NUMBER IN THREE INCH CIRCLE =		6	

18 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06348955

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS= 1.808

VS= 2.759

GS= 2.760

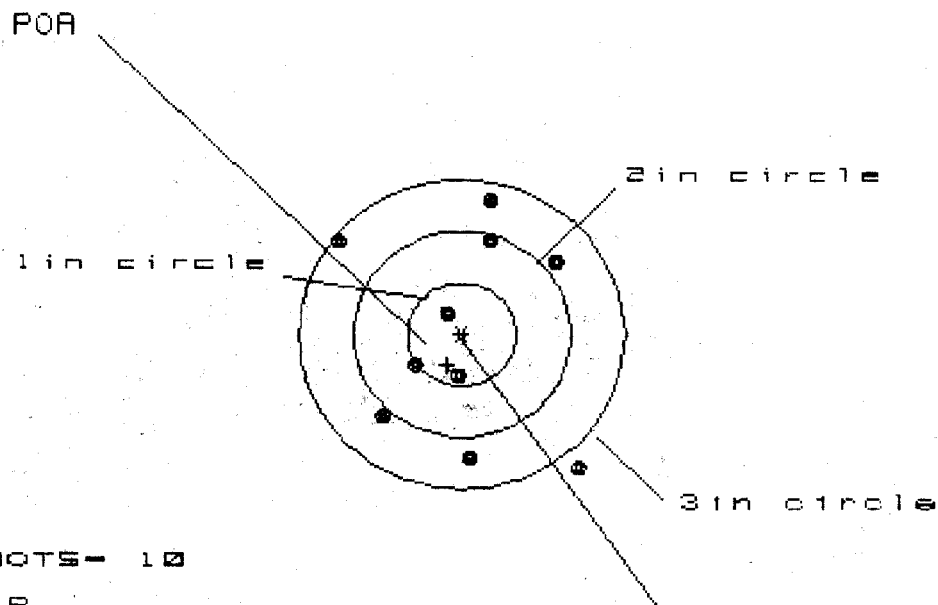
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.131	1.055	.972
MINIMUM X	-.678	-.714	-.797
MAXIMUM Y	1.619	1.363	1.242
MINIMUM Y	-1.140	-.960	-.851
CENTROID X	-.185	-.109	-.026
CENTROID Y	.158	-.022	.098
POA TO CENTROID (in)	.243	.111	.102
MIN RADIUS	.462	.450	.558
MEAN RADIUS	1.007	.889	.871
MAX RADIUS	1.755	1.363	1.248
HORIZONTAL SPREAD	1.809	1.769	1.769
VERTICAL SPREAD	2.759	2.323	2.094
EXTREME SPREAD	2.760	2.473	2.106
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

10 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06348955

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in - 2

2 in - 4

3 in = 8

HS= 2.164

VS= 2.553

GS= 3.082

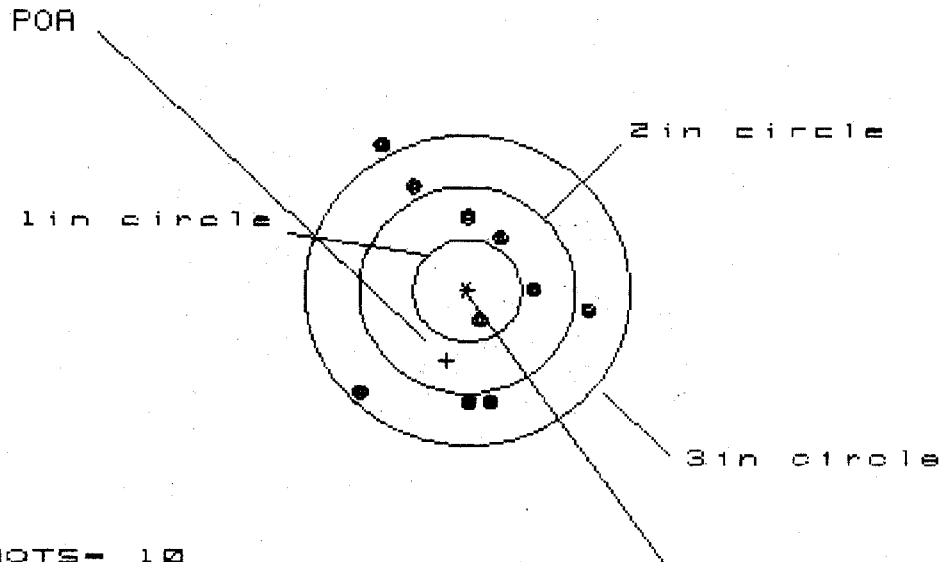
CENTROID #

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.032	1.000	.873
MINIMUM X	-1.132	-1.017	-.779
MAXIMUM Y	1.277	1.135	1.232
MINIMUM Y	-1.276	-1.372	-1.275
CENTROID X	.133	.018	.145
CENTROID Y	.292	.434	.337
POA TO CENTROID in.	.321	.435	.367
MIN RADIUS	.241	.068	.225
MEAN RADIUS	.984	.892	.845
MAX RADIUS	1.642	1.385	1.277
HORIZONTAL SPREAD	2.164	2.017	1.652
VERTICAL SPREAD	2.553	2.507	2.507
EXTREME SPREAD	3.082	2.514	2.514
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		9	

18 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6346355

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in - 1

2 in - 4

3 in = 9

HS- 2.079

VS= 2.492

GS= 2.673

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.105	1.013	.880
MINIMUM X	-.974	-1.066	-.665
MAXIMUM Y	1.421	1.151	1.042
MINIMUM Y	-1.071	-.913	-1.022
CENTROID X	.189	.282	.415
CENTROID Y	.681	.523	.632
POA TO CENTROID in.	.707	.594	.756
MIN RADIUS	.262	.096	.254
MEAN RADIUS	.959	.854	.773
MAX RADIUS	1.646	1.375	1.236
HORIZONTAL SPREAD	2.079	2.079	1.545
VERTICAL SPREAD	2.492	2.064	2.064
EXTREME SPREAD	2.673	2.230	2.137
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	9		