

05348973

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

	RECORDS CONTROL SCHEDULE
RECORDS CATEGORY OR TITLE:	
<u>114 - CENTRAL SAFETY COMMITTEE</u>	
<u>MEETING MINUTES - 1981</u>	
COPY "O" (OFFICIAL) ☐ "X" (EXTRA) ☒	
TOTAL RETENTION: <u>MAX. 2 YEARS</u>	
<u>1981 - 1983</u>	
GS-11050 Rev. 8/78	

MEETING MINUTES - 1981

MITTEE -

Serial Number: C6348973

Model: M24 SWS



RE00092960

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348973.___0
FILE DATE AND TIME: 06/22/2005 08:39

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

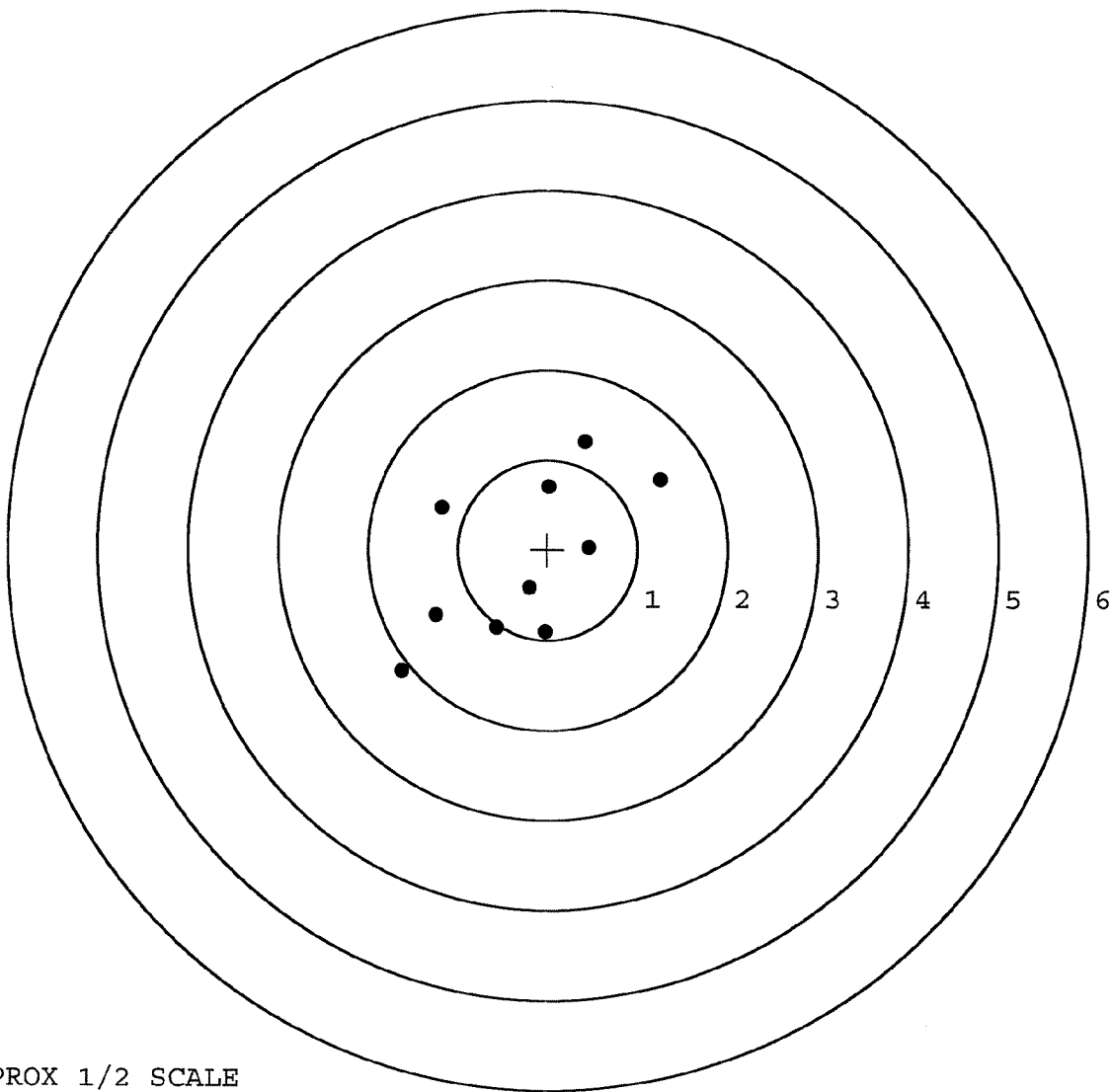
The Average X Centroid of the Five Target Set:	-0.119
The Average Y Centroid of the Five Target Set:	-0.096
The Average Point of Impact of the Five Target Set:	0.153
The Average Mean Radius of the Five Target Set:	0.977
The Distance from POA to Centroid Target #1:	0.292
The Distance from Centroid Target #2 to Centroid Target #1:	0.169
The Distance from Centroid Target #3 to Centroid Target #1:	0.125
The Distance from Centroid Target #4 to Centroid Target #1:	0.865
The Distance from Centroid Target #5 to Centroid Target #1:	0.369

BARBER - M24 0042966

SERIAL NUMBER: C6348973. __0
 TARGET NUMBER: 1
 FILE DATE: 06/22/2005
 FILE TIME: 08:39

POINT#	X	Y
1:	0.461	0.026
2:	0.014	0.701
3:	0.414	1.206
4:	-1.178	0.468
5:	-0.201	-0.433
6:	-0.021	-0.915
7:	-0.573	-0.870
8:	-1.241	-0.735
9:	-1.623	-1.350
10:	1.247	0.783

X CENTROID: -0.270
 Y CENTROID: -0.112
 POA TO CENTROID: 0.292
 HORZ SPREAD: 2.870
 VERT SPREAD: 2.556
 GROUP SPREAD: 3.576
 MIN RADIUS: 0.328
 MAX RADIUS: 1.834
 MEAN RADIUS: 1.090
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 8



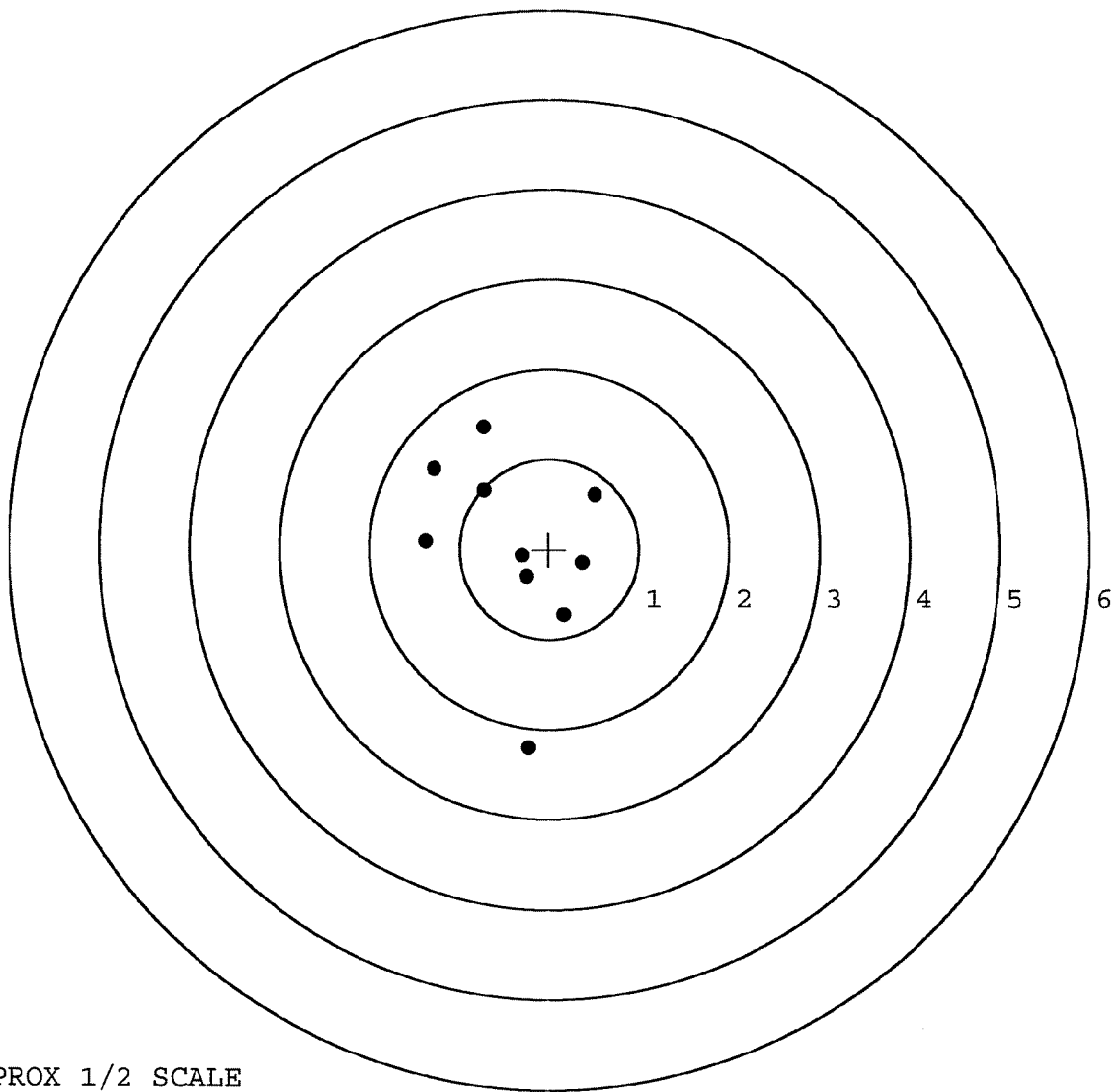
TARGET APPROX 1/2 SCALE

BARBER - M24 0042967

SERIAL NUMBER: C6348973. __0
 TARGET NUMBER: 2
 FILE DATE: 06/22/2005
 FILE TIME: 08:39

POINT#	X	Y
1:	0.173	-0.734
2:	0.367	-0.150
3:	0.510	0.612
4:	-0.304	-0.071
5:	-0.249	-0.305
6:	-1.377	0.093
7:	-0.733	0.655
8:	-1.281	0.889
9:	-0.736	1.354
10:	-0.220	-2.216

X CENTROID: -0.385
 Y CENTROID: 0.013
 POA TO CENTROID: 0.385
 HORZ SPREAD: 1.887
 VERT SPREAD: 3.570
 GROUP SPREAD: 3.607
 MIN RADIUS: 0.116
 MAX RADIUS: 2.235
 MEAN RADIUS: 0.984
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0042968

SERIAL NUMBER: C6348973. 0

TARGET NUMBER: 3

FILE DATE: 06/22/2005

FILE TIME: 08:39

POINT#	X	Y
1:	0.456	-1.149
2:	1.025	-0.180
3:	0.312	-0.260
4:	-0.330	0.038
5:	-0.762	0.122
6:	-0.876	-0.380
7:	-1.647	-0.873
8:	-1.198	0.783
9:	-0.054	0.770
10:	-0.016	1.196

X CENTROID: -0.309

Y CENTROID: 0.007

POA TO CENTROID: 0.309

HORZ SPREAD: 2.672

VERT SPREAD: 2.345

GROUP SPREAD: 2.760

MIN RADIUS: 0.038

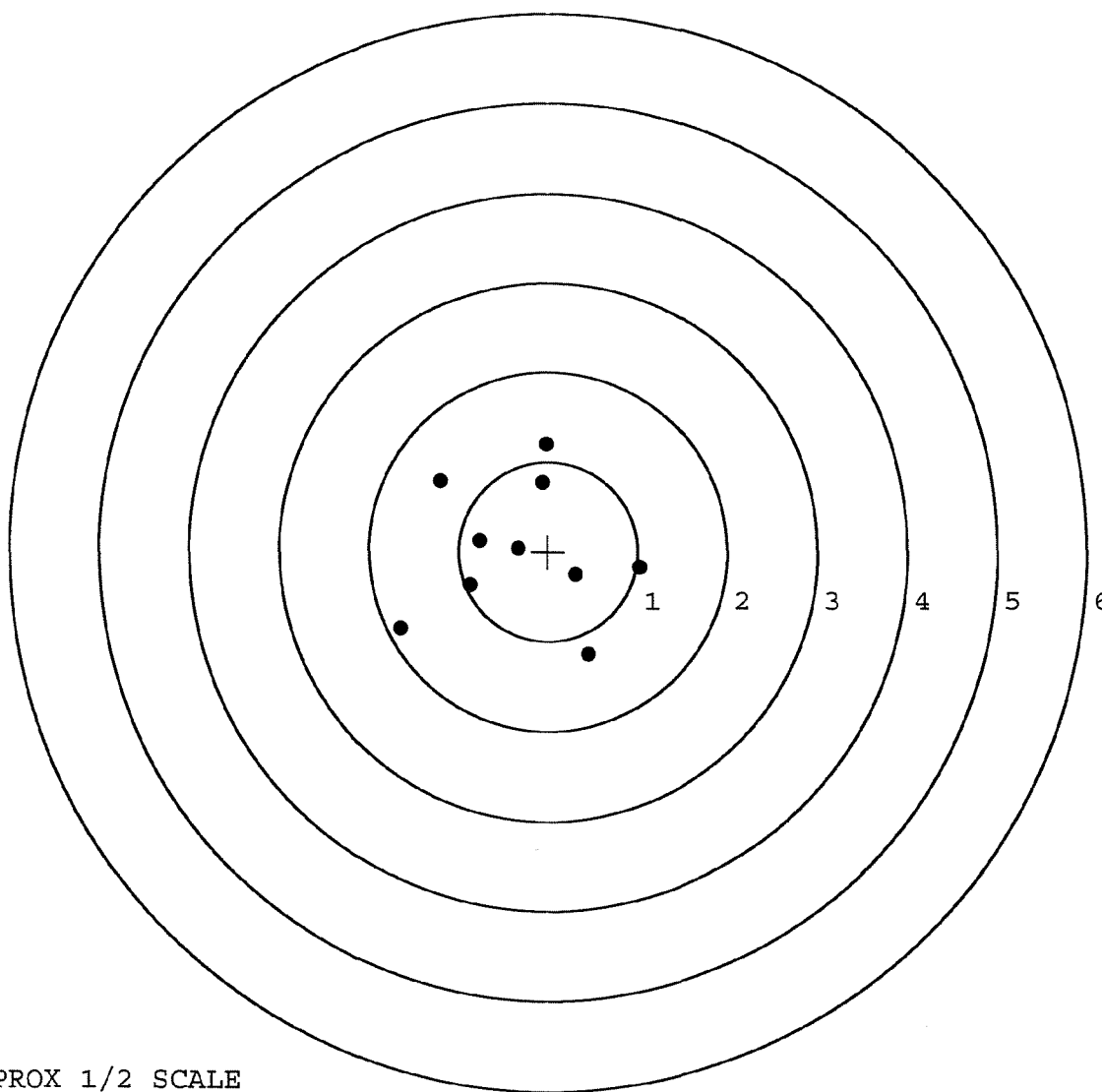
MAX RADIUS: 1.601

MEAN RADIUS: 0.941

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 9

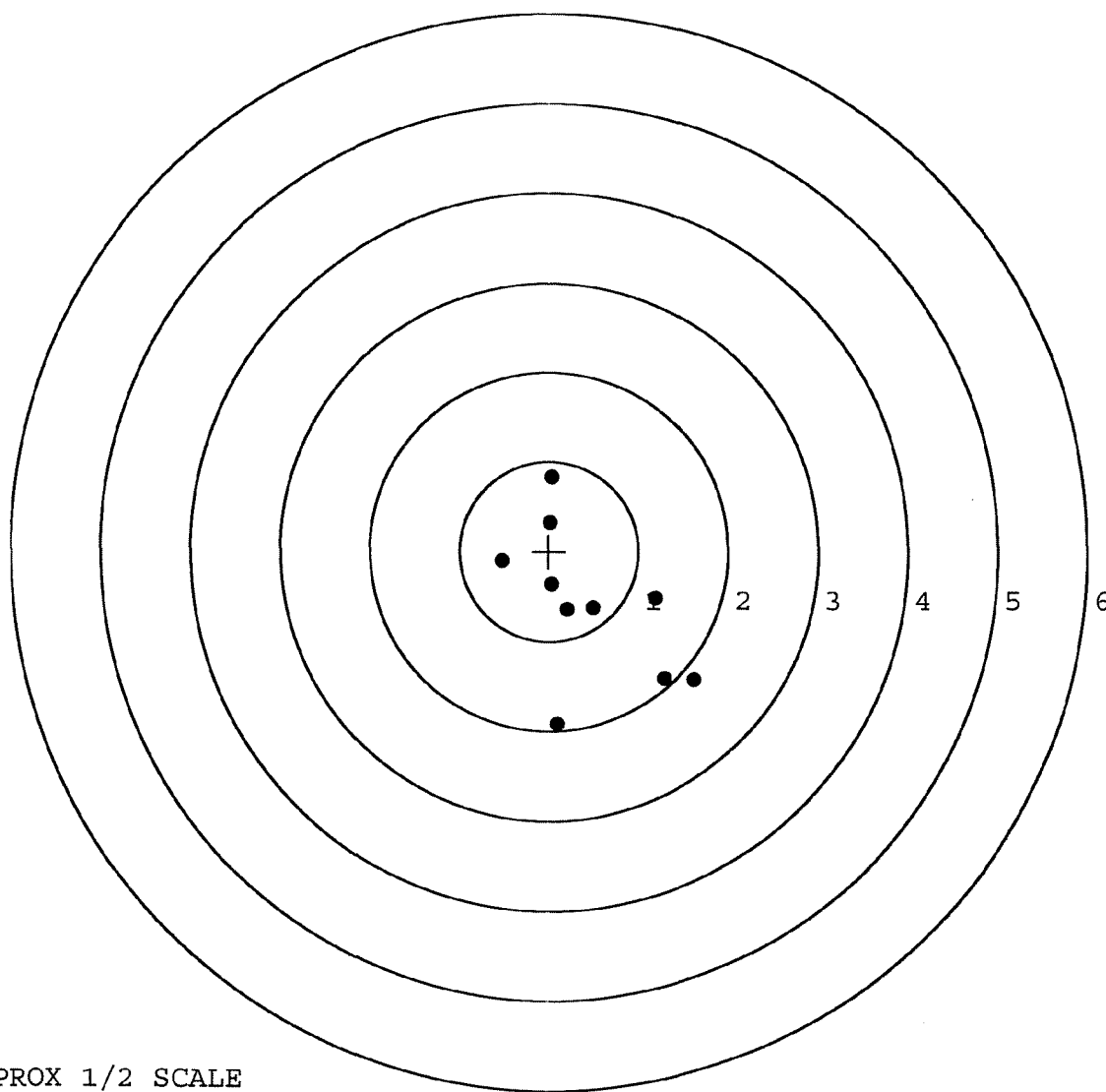


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348973. __0
 TARGET NUMBER: 4
 FILE DATE: 06/22/2005
 FILE TIME: 08:39

POINT#	X	Y
1:	1.618	-1.439
2:	1.292	-1.419
3:	1.192	-0.520
4:	0.498	-0.632
5:	0.209	-0.649
6:	0.036	-0.369
7:	0.106	-1.928
8:	-0.528	-0.111
9:	0.022	0.319
10:	0.040	0.821

X CENTROID: 0.449
 Y CENTROID: -0.593
 POA TO CENTROID: 0.743
 HORZ SPREAD: 2.146
 VERT SPREAD: 2.749
 GROUP SPREAD: 2.756
 MIN RADIUS: 0.063
 MAX RADIUS: 1.472
 MEAN RADIUS: 0.910
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 4
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0042970

SERIAL NUMBER: C6348973. __0

TARGET NUMBER: 5

FILE DATE: 06/22/2005

FILE TIME: 08:39

POINT#	X	Y
1:	0.841	0.699
2:	0.530	0.798
3:	0.178	-0.239
4:	0.212	-0.442
5:	0.079	-0.808
6:	-0.172	-0.544
7:	-0.519	-0.383
8:	-0.335	-0.315
9:	-0.021	1.276
10:	-1.572	1.987

X CENTROID: -0.078

Y CENTROID: 0.203

POA TO CENTROID: 0.217

HORZ SPREAD: 2.413

VERT SPREAD: 2.795

GROUP SPREAD: 3.246

MIN RADIUS: 0.511

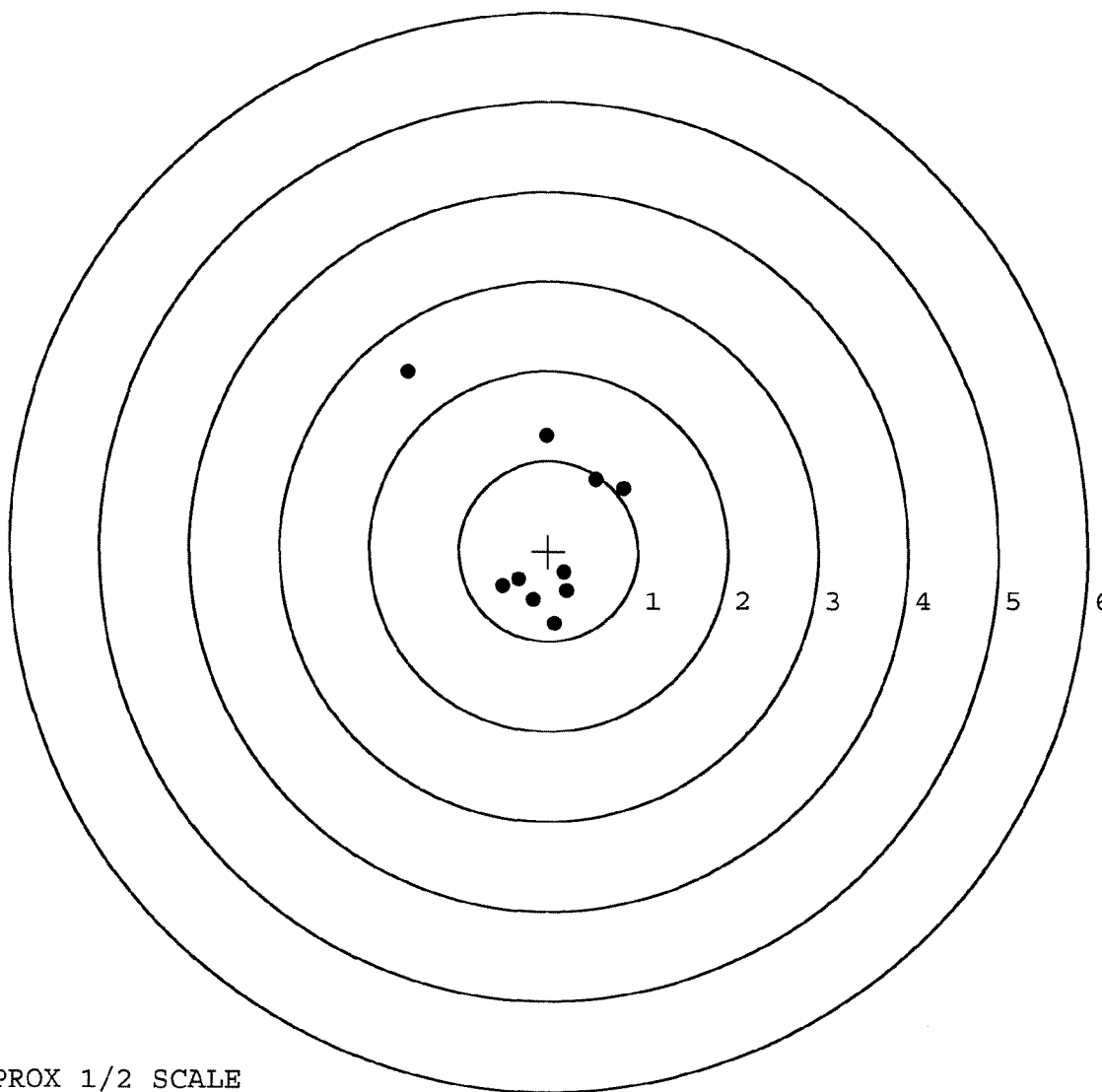
MAX RADIUS: 2.327

MEAN RADIUS: 0.960

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

R & E NUMBER	92960		
SERIAL NUMBER	C6348973		
LOG-IN DATE	2-10-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	4-27-05	RTZ
560 A	RE-BARREL	5-3-05	RTZ
B	DRILL AND TAP	5-5-05	TRW
575	ASSEMBLE	5-3-05	RTZ
600	PROOF	5-4-05	---
605	CHECK HEADSPACE	5-4-05	---
610	DIS-ASSEMBLE GUN	5-6-05	RTZ
612	MAGNAFLUX MOTOR		
615	ROLLMARK CALIBER	5-9-05	CW
618	ROTO-BLAST	5-9-05	LB
620	APPLY COATINGS	5-16-05	WJ
625 A	FINAL ASSEMBLY	6-21-05	RTZ
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	7-12-05	AC
D	SAFETY "OFF" FORCE	7-12-05	AC
E	FIRING PIN INDENT	7-12-05	AC
640	TARGET	6-22-05	TRW
655	FINAL INSPECT	7-12-05	AC
660	PACK	9-7-05	DA
		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 700™ M24

SERIAL NO.
 C6348973

ORDER NO.
 5716

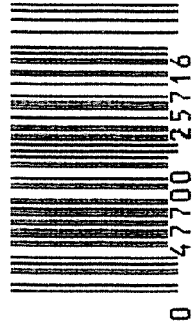
MADE IN ILLION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

01



5716 C6348973

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348973

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		11/6/89	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		9/20/89	QD

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			11-9-89	JS
	G) Safety Off Force	3	3	3			11-9-89	JS
	H) Trigger Pull Test & Retainability						9 Nov 89	JS
	I) Firing Pin Indent	.020	.021	.021			11-9-89	JS
	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	JS
	P) Detach & Attach Scope 20 Times						11-14-89	JS
640	Gallery Target & Test						11-15-89	JS
	A) Time						11-15-89	JS
	B) Malfunctions						11-15-89	JS
	C) Pierced Primers						11-15-89	JS
	D) Optical Clarity of Scope						11-15-89	JS
645	Inspect for Live Ammo						11-15-89	JS
655	Final Inspection							
	A) Headspace						17 Nov 89	JS
	B) Trigger Pull	235	232	224	240	242	17 Nov 89	JS
	C) Function						17 Nov 89	JS
660	Pack						15 Dec 89	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. CG348973
CG349053DATE 2-6-90TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.49	2.37	2.25	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.52	2.17	2.30	
PULL #3	2.53	2.19	2.21	
PULL #4	2.42	2.19	2.31	
PULL #5	2.31	2.28	2.18	
TOTAL	12.27	11.20	11.25	
AVG.	2.454	2.24	2.25	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.51	3.23	
PULL #2	3.35	3.30	
PULL #3	3.24	3.23	
PULL #4	3.27	3.23	
PULL #5	3.25	3.26	
TOTAL	16.62	16.25	
AVG.	3.324	3.25	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.20	4.27		4.32
PULL #2	4.27	4.27		4.29
PULL #3	4.33	4.29		4.35
PULL #4	4.28	4.23		4.29
PULL #5	4.40	4.27		4.32
TOTAL	21.48	21.33		21.57
AVG.	4.299	4.266		4.314

MF

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06348973
15 Nov 1989

CENTROIDAL DISTANCES

0 TO	1	.506004
1 TO	2	.635236
1 TO	3	.204296
1 TO	4	.744334
1 TO	5	.64534

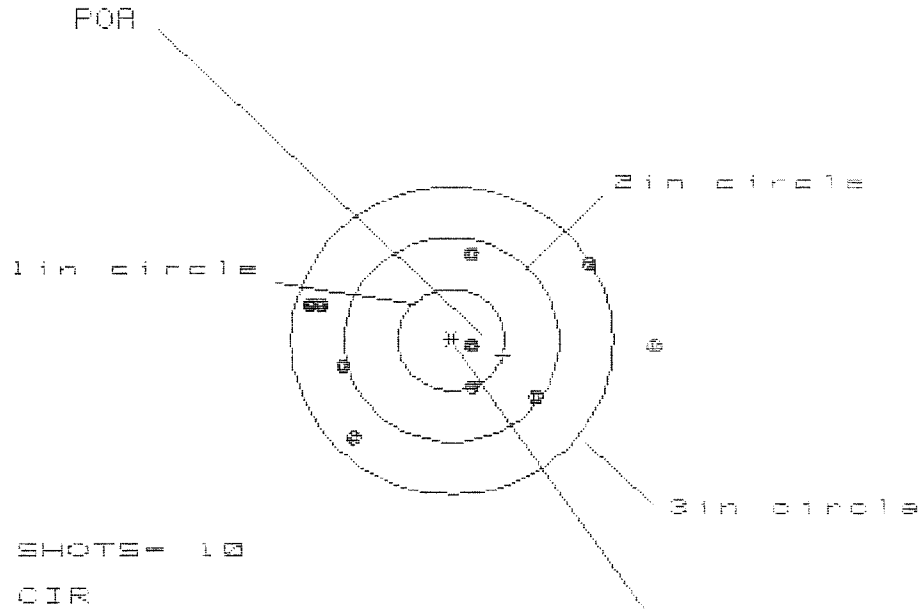
$13 \frac{24}{5}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0866
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1732
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .193643
THE AMR FOR THIS RIFLE IS: .9596

15 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06348973

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 4

3 in = 8

HS = 3.149

VS = 1.829

GS = 3.165

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.879	1.539	1.146
MINIMUM X	-1.270	-1.062	-.869
MAXIMUM Y	.862	.860	.958
MINIMUM Y	-.967	-.969	-.871
CENTROID X	-.482	-.690	-.883
CENTROID Y	.154	.156	.058
POA TO CENTROID in.	.506	.708	.885
MIN RADIUS	.140	.346	.541
MEAN RADIUS	1.089	1.001	.898
MAX RADIUS	1.879	1.726	1.238
HORIZONTAL SPREAD	3.149	2.601	2.015
VERTICAL SPREAD	1.829	1.829	1.829
EXTREME SPREAD	3.165	2.861	2.196
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

15 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06348973

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

HS= 2.030

VS= 2.489

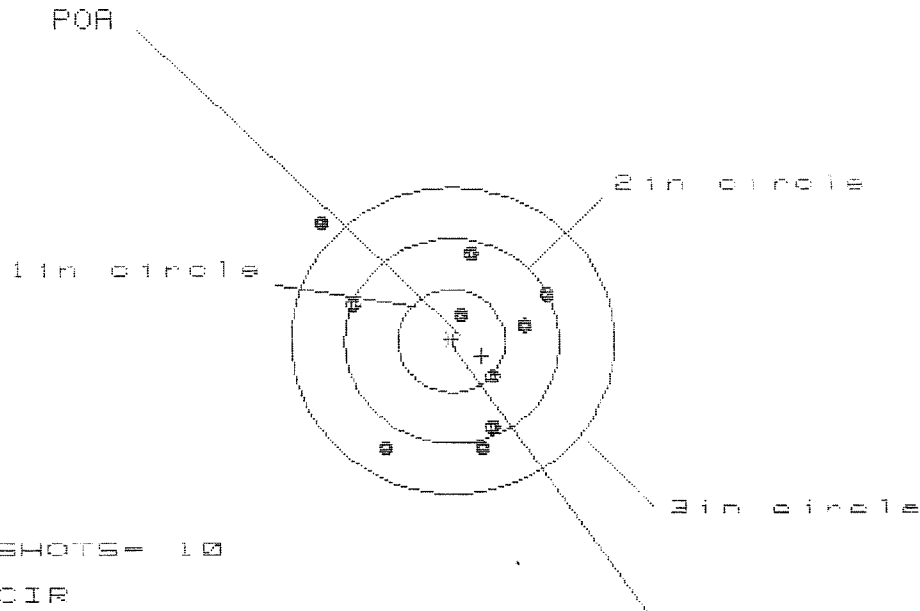
GS= 2.848

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.022	.910	.943
MINIMUM X	-1.008	-.929	-.896
MAXIMUM Y	1.231	.965	.825
MINIMUM Y	-1.258	-1.122	-.857
CENTROID X	.079	.191	.158
CENTROID Y	.452	.316	.456
POA TO CENTROID in.	.459	.369	.483
MIN RADIUS	.256	.240	.335
MEAN RADIUS	.970	.882	.855
MAX RADIUS	1.591	1.282	1.213
HORIZONTAL SPREAD	2.030	1.839	1.839
VERTICAL SPREAD	2.489	2.087	1.682
EXTREME SPREAD	2.848	2.230	2.206
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	6	
NUMBER IN THREE INCH CIRCLE	=	9	

15 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/0834B973

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 1

2in = 7

3in = 9

HS= 2.111

VS= 2.178

GS= 2.614

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.877	.740	.651
MINIMUM X	:	-1.234	-1.077	-1.166
MAXIMUM Y	:	1.159	.991	.879
MINIMUM Y	:	-1.019	-.890	-.984
CENTROID X	:	-.278	-.141	-.052
CENTROID Y	:	.143	.014	.125
POA TO CENTROID in.	:	.313	.142	.136
MIN RADIUS	:	.293	.325	.321
MEAN RADIUS	:	.912	.794	.729
MAX RADIUS	:	1.693	1.174	1.219
HORIZONTAL SPREAD	:	2.111	1.817	1.817
VERTICAL SPREAD	:	2.178	1.881	1.864
EXTREME SPREAD	:	2.614	2.064	1.866
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

15 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6348973

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS= 10

IN CIR

1 in = 1

2 in = 6

3 in = 9

HS= 2.699

VS= 2.513

GS= 2.901

CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.865	.661	.693
MINIMUM X	:	-1.834	-.910	-.878
MAXIMUM Y	:	1.301	1.272	.936
MINIMUM Y	:	-1.212	-1.241	-1.082
CENTROID X	:	.230	.434	.402
CENTROID Y	:	.371	.400	.241
POA TO CENTROID in.	:	.436	.590	.469
MIN RADIUS	:	.467	.421	.273
MEAN RADIUS	:	1.038	.919	.848
MAX RADIUS	:	1.852	1.410	1.255
HORIZONTAL SPREAD	:	2.699	1.571	1.571
VERTICAL SPREAD	:	2.513	2.513	2.018
EXTREME SPREAD	:	2.901	2.677	2.416
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

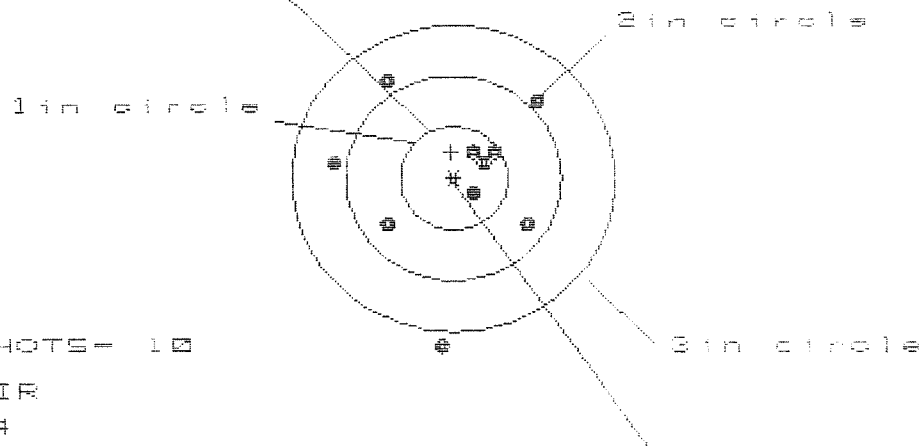
15 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06348973

CENTERFIRE PATTERNS

5

FOR



OF SHOTS- 10

IN CIR

1in = 4

2in = 5

3in = 9

HS= 1.870

VS= 2.660

GS= 2.762

CENTROID *

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.758	.742	.663
MINIMUM X	-1.112	-1.128	-1.207
MAXIMUM Y	.967	.779	.704
MINIMUM Y	-1.693	-.604	-.507
CENTROID X	.018	.034	.112
CENTROID Y	-.254	-.066	-.163
FOR TO CENTROID in.	.255	.074	.198
MIN RADIUS	.192	.194	.200
MEAN RADIUS	.789	.666	.592
MAX RADIUS	1.699	1.128	1.208
HORIZONTAL SPREAD	1.870	1.870	1.870
VERTICAL SPREAD	2.660	1.383	1.211
EXTREME SPREAD	2.762	1.976	1.976
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		