

CP594585

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5715**

* Includes 1 in chamber.

Remington

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594585.___0
FILE DATE AND TIME: 01/11/2002 04:17

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.034
The Average Y Centroid of the Five Target Set:	-0.008
The Average Point of Impact of the Five Target Set:	0.034
The Average Mean Radius of the Five Target Set:	0.704
The Distance from POA to Centroid Target #1:	0.048
The Distance from Centroid Target #2 to Centroid Target #1:	0.305
The Distance from Centroid Target #3 to Centroid Target #1:	0.058
The Distance from Centroid Target #4 to Centroid Target #1:	0.440
The Distance from Centroid Target #5 to Centroid Target #1:	0.233

SERIAL NUMBER: C6594585. __0

TARGET NUMBER: 1

FILE DATE: 01/11/2002

FILE TIME: 04:17

POINT#	X	Y
1:	-0.739	-0.919
2:	-1.020	0.155
3:	-0.575	0.200
4:	-0.391	0.232
5:	-0.226	0.748
6:	0.324	-0.239
7:	0.379	-0.502
8:	0.225	-0.866
9:	1.139	0.368
10:	1.114	0.397

X CENTROID: 0.023

Y CENTROID: -0.043

POA TO CENTROID: 0.048

HORZ SPREAD: 2.159

VERT SPREAD: 1.667

GROUP SPREAD: 2.277

MIN RADIUS: 0.359

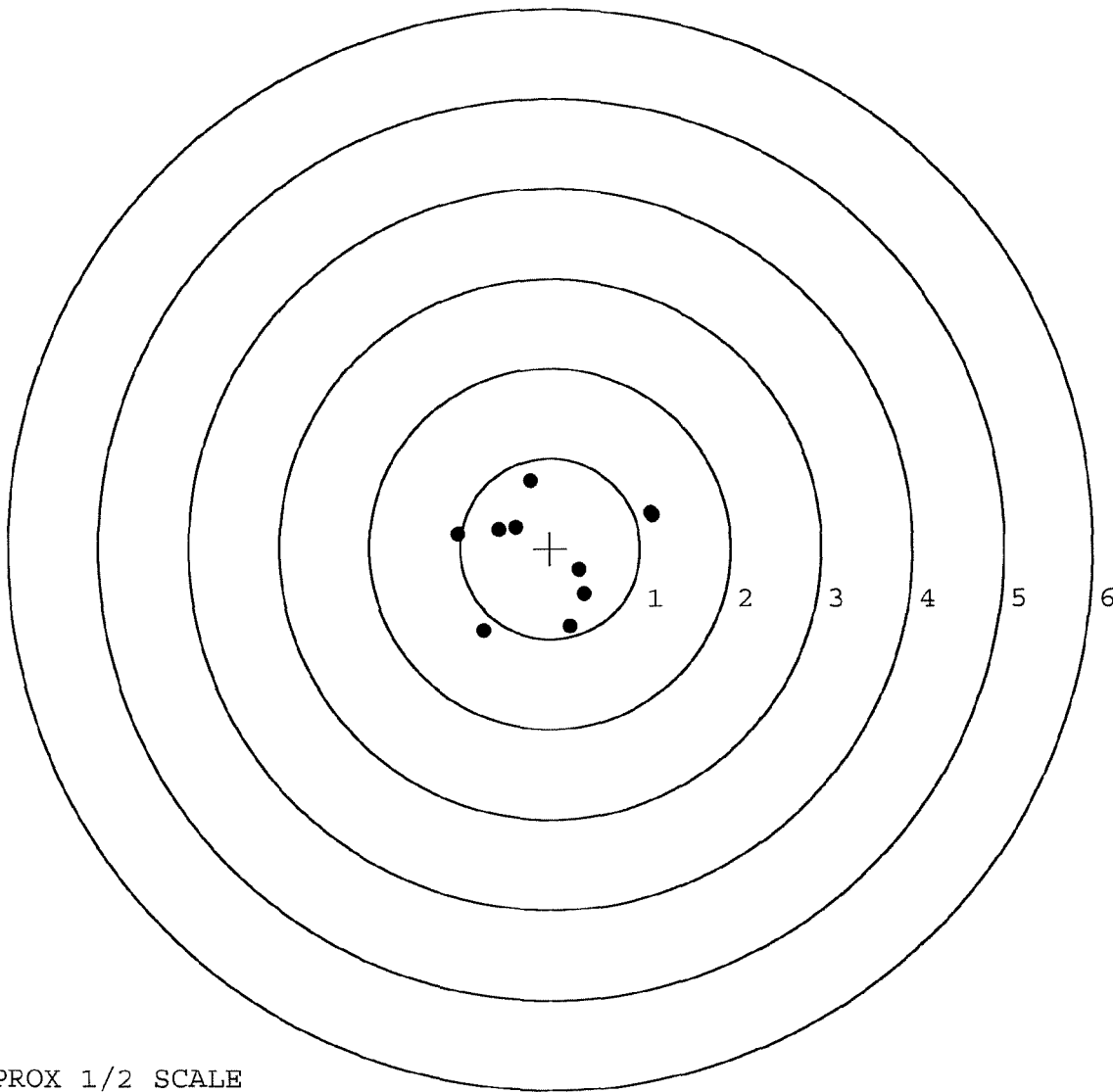
MAX RADIUS: 1.189

MEAN RADIUS: 0.835

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594585. __0

TARGET NUMBER: 2

FILE DATE: 01/11/2002

FILE TIME: 04:17

POINT#	X	Y
1:	0.325	-0.374
2:	0.844	-0.567
3:	0.971	0.106
4:	-0.642	-0.308
5:	-0.317	0.211
6:	0.088	0.529
7:	-0.122	0.398
8:	-0.642	0.519
9:	-0.227	1.045
10:	0.033	1.067

X CENTROID: 0.031

Y CENTROID: 0.263

POA TO CENTROID: 0.264

HORZ SPREAD: 1.613

VERT SPREAD: 1.634

GROUP SPREAD: 1.935

MIN RADIUS: 0.204

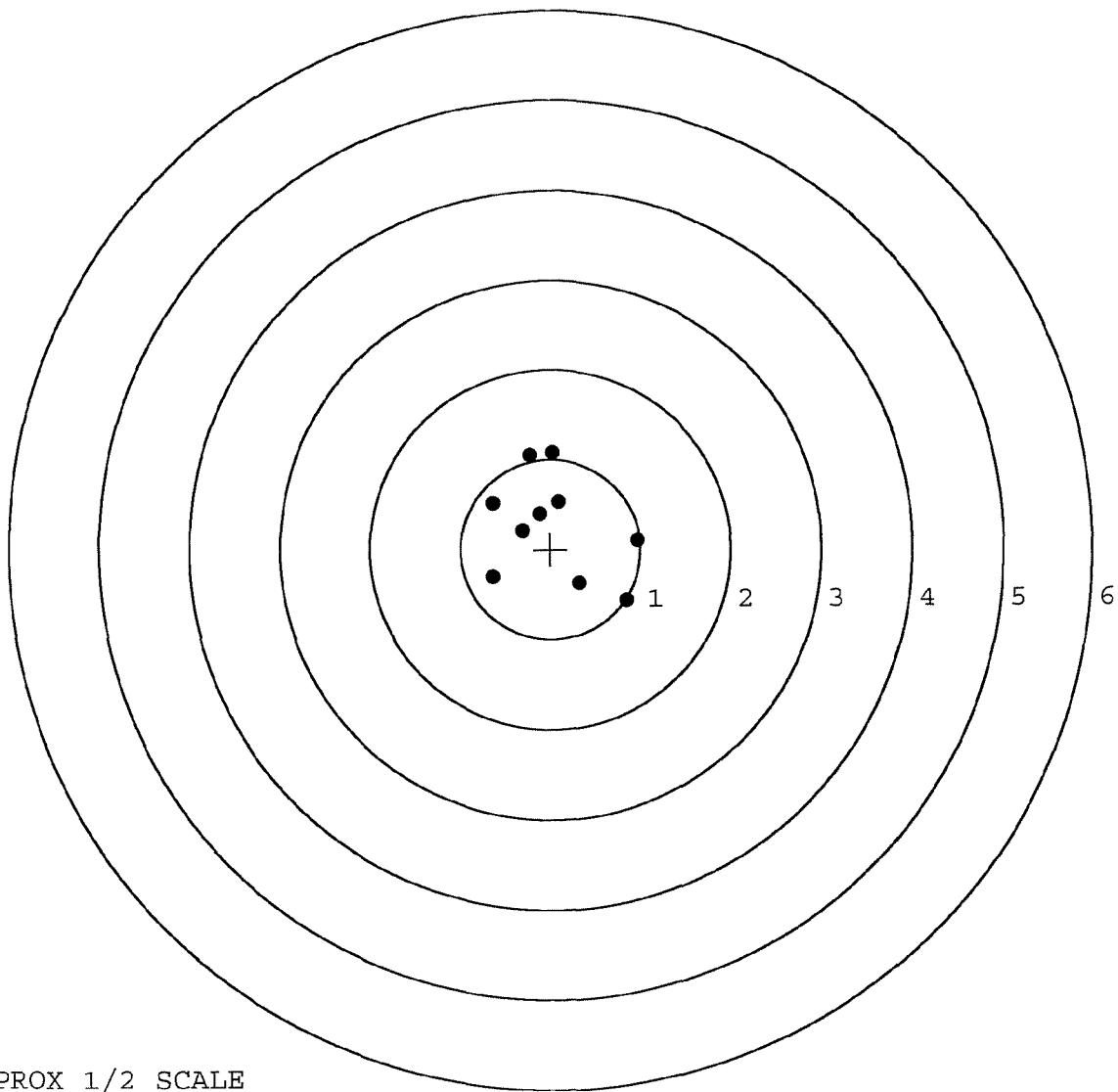
MAX RADIUS: 1.161

MEAN RADIUS: 0.688

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594585. __0

TARGET NUMBER: 3

FILE DATE: 01/11/2002

FILE TIME: 04:17

POINT#	X	Y
1:	1.328	-0.427
2:	1.104	-0.206
3:	0.547	-0.022
4:	-0.461	-0.527
5:	-0.173	-0.368
6:	-0.329	-0.172
7:	-0.948	0.282
8:	-0.204	0.413
9:	-0.954	0.908
10:	-0.261	-0.337

X CENTROID: -0.035

Y CENTROID: -0.046

POA TO CENTROID: 0.058

HORZ SPREAD: 2.282

VERT SPREAD: 1.435

GROUP SPREAD: 2.644

MIN RADIUS: 0.320

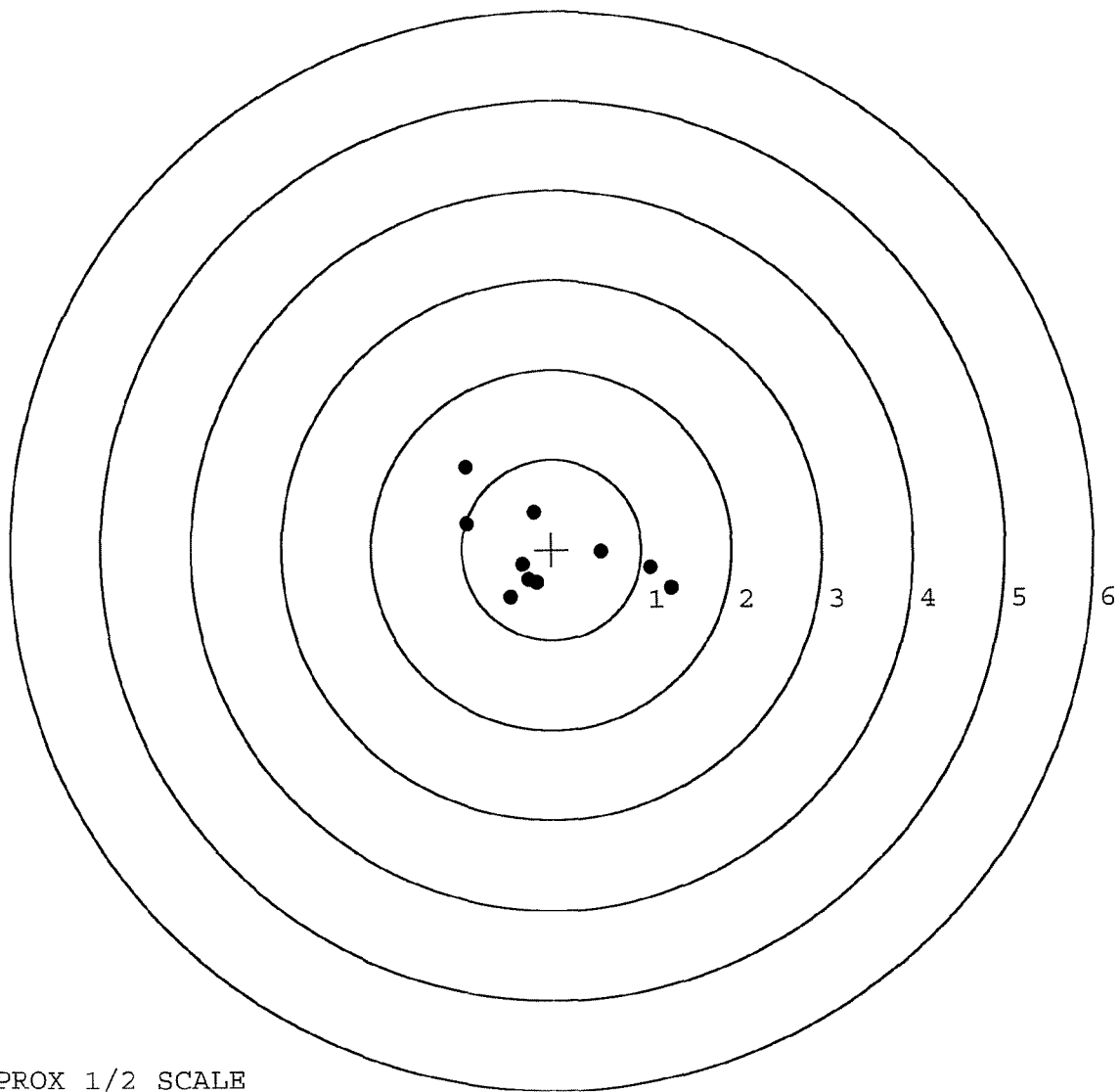
MAX RADIUS: 1.415

MEAN RADIUS: 0.761

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

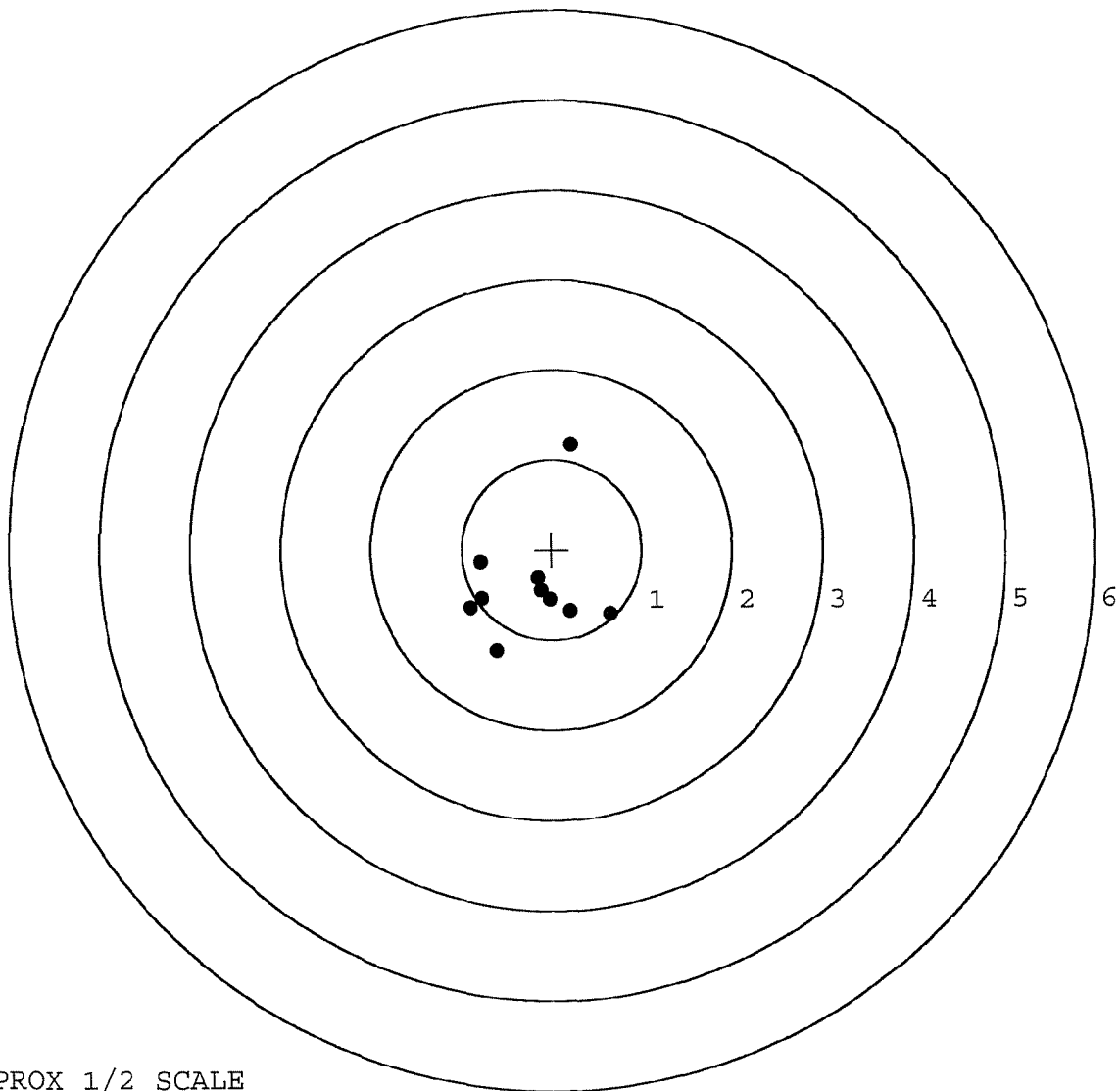


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594585. __0
TARGET NUMBER: 4
FILE DATE: 01/11/2002
FILE TIME: 04:17

X CENTROID: -0.231
Y CENTROID: -0.402
POA TO CENTROID: 0.463
HORZ SPREAD: 1.553
VERT SPREAD: 2.285
GROUP SPREAD: 2.429
MIN RADIUS: 0.109
MAX RADIUS: 1.628
MEAN RADIUS: 0.628
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.216	1.164
2:	0.653	-0.709
3:	-0.609	-1.121
4:	-0.777	-0.546
5:	-0.790	-0.138
6:	0.203	-0.684
7:	-0.022	-0.556
8:	-0.126	-0.460
9:	-0.156	-0.322
10:	-0.900	-0.647

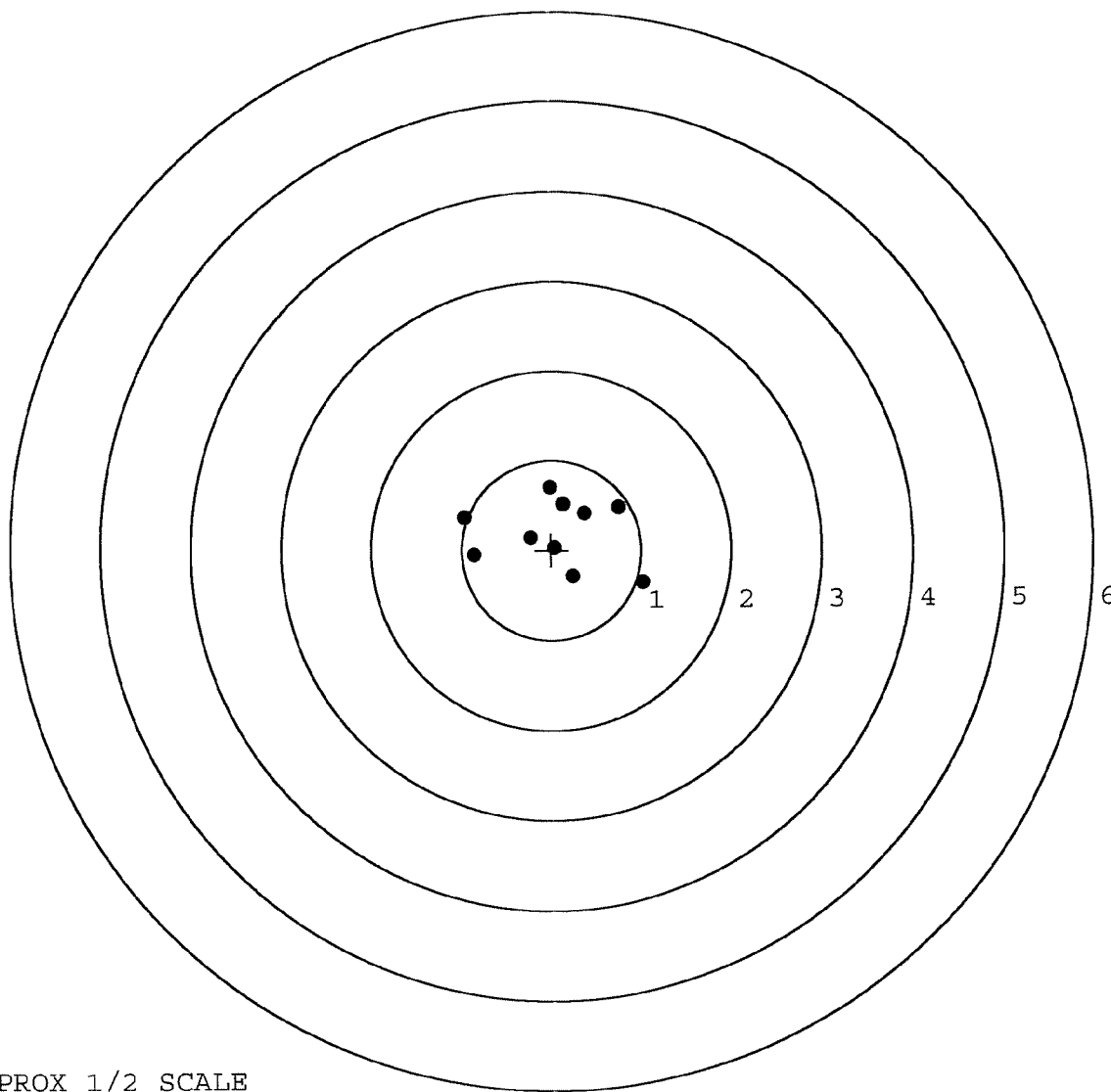


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594585.___0
TARGET NUMBER: 5
FILE DATE: 01/11/2002
FILE TIME: 04:17

X CENTROID: 0.044
Y CENTROID: 0.190
POA TO CENTROID: 0.195
HORZ SPREAD: 1.987
VERT SPREAD: 1.065
GROUP SPREAD: 2.117
MIN RADIUS: 0.169
MAX RADIUS: 1.118
MEAN RADIUS: 0.606
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.748	0.480
2:	1.015	-0.365
3:	0.369	0.407
4:	0.128	0.508
5:	-0.017	0.700
6:	0.034	0.021
7:	-0.234	0.137
8:	0.235	-0.297
9:	-0.866	-0.059
10:	-0.972	0.365



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

R & E NUMBER R38554

SERIAL NUMBER C6594585

LOG-IN DATE 1/2/02

INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	1/2/02	PW
560 A	RE-BARREL AT CUSTOM SHOP	1/3/02	BWT
B	DRILL AND TAP	1-5-02	BWT
C	POLISH		
575	ASSEMBLE	1-4-02	AC
600	PROOF	1-4-02	AC
605	CHECK HEADSPACE	MAGNA FLUX INSPECTED	AC
610	DIS-ASSEMBLE GUN	1-7-02	AC
612	MAGNAFLUX	OPERATOR AC	
615	ROLLMARK CALIBER	1-7-02	B
618	ROTO-BLAST	1/7	RO
620	APPLY COATINGS	1/7	HP
625 A	FINAL ASSEMBLY	1-9-02	RH
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	1-11-02	AC
655	FINAL INSPECT	1-12-02	RH
660	PACK	1-12-02	RH
		SHIP DATE	
		QAR INSPECTION DATE	

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

MODEL 700[™] M24

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

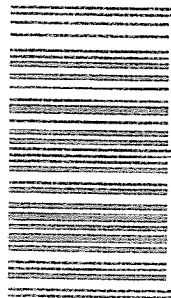
VERY IMPORTANT:
 Instruction Book
 enclosed to assure
 safe use of this
 firearm.

SERIAL NO. C6594585	ORDER NO. 5716
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5716 C6594585

UPC



0 4700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6594585

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		12/24/90	K.S.
600	Proof		12/24/90	K.S.
607	Check Headspace		12/26/90	K.S.
610	Dis-assemble Gun		12/26/90	K.S.
612	Magnaflux Barrel Action		1-7-91	KR
	Magnaflux Bolt		1-7-91	KR
615	Rollmark Caliber		1-1-91	GG.
617	Drill and Tap Sight Holes	1	10 91	FB
618	Polish Barrel	1	10 91	WB
620	Apply Coatings (Barrel Action)		1-20-91	JA
	Apply Coating (Bolt)		1-20-91	JA
625	Final Assembly A) Clean inside of Bolt Assembly		2/4/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/4/91	KA
	C) Inspect Ejector Hole for Chamfer		2/4/91	KA
	D) Oil Firing Pin Ass'y		2/4/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		2/5/91	KA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			2/5/91	WB
	G) Safety Off Force	3	3	3			2/5/91	WB
	H) Trigger Pull Test & Retainability						2/5/91	OK
	I) Firing Pin Indent	.0207	.0207	.0207			2/5/91	WB
	J) Assemble Stock						2/6/91	KA
	K) Assemble Swivel Studs						2-21-91	AC
	L) Attach Front and Rear Sight Assemblies						2/6/91	KA
	M) Iron Sight Alignment						2/6/91	KA
	N) Detach Front & Rear Sights & place in numbered container						2/6/91	KA
	O) Attach Scope to Rifle						2/6/91	KA
	P) Detach & Attach Scope 20 Times						2/6/91	KA
640	Gallery Target & Test						2/7/91	KL
	A) Time							KL
	B) Malfunctions							KL
	C) Pierced Primers							KL
	D) Optical Clarity of Scope							KL
645	Inspect for Live Ammo						2/7/91	KL
655	Final Inspection							
	A) Headspace						2-21-91	AC
	B) Trigger Pull	2.58	2.53	2.47	2.45	2.56	2/18/91	WB
	C) Function						2-21-91	AC
660	Pack						3/14/91	WB

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6694585

DATE 2-5-91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.24	2.39	2.50	2.58	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.51	2.48	2.53	2.53	
PULL #3	2.51	2.43	2.40	2.47	
PULL #4	2.20	2.41	2.40	2.45	
PULL #5	2.55	2.41	2.27	2.56	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.37	3.37		
PULL #2	3.49	3.39		
PULL #3	3.49	3.34		
PULL #4	3.38	3.30		
PULL #5	3.44	3.42		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.45	4.36		4.33
PULL #2	4.37	4.45		4.38
PULL #3	4.33	4.30		4.29
PULL #4	4.41	4.48		4.49
PULL #5	4.43	4.41		4.29
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594585
8 Feb 1991

CENTROIDAL DISTANCES

0 TO	1	.152502
1 TO	2	.276957
1 TO	3	.398729
1 TO	4	.302318
1 TO	5	.423086

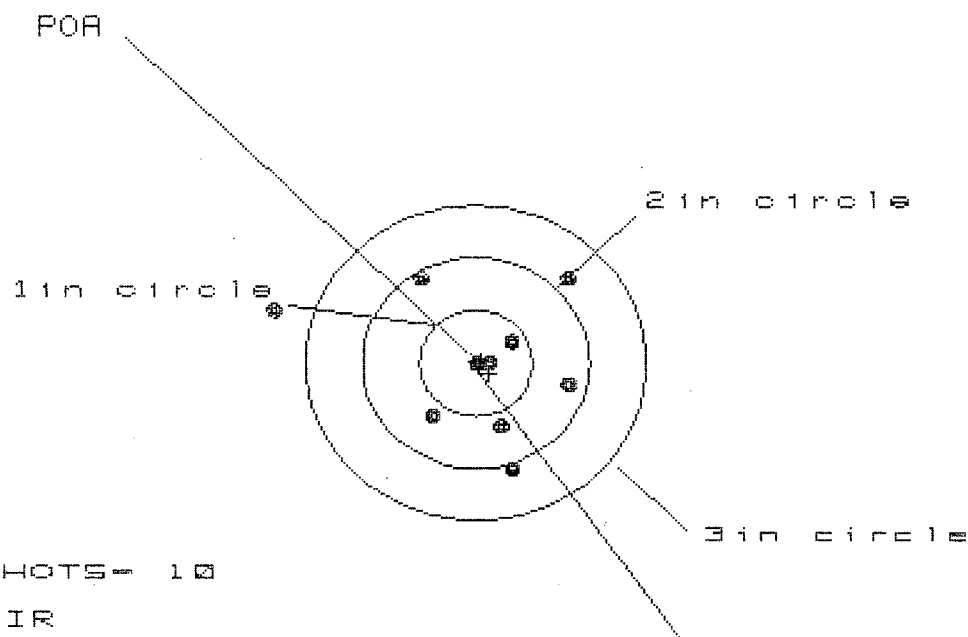
46 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.025
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1376
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .139853
THE AMR FOR THIS RIFLE IS: .9512

8 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594585

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 9

HS= 2.648

VS= 1.794

GS= 2.731

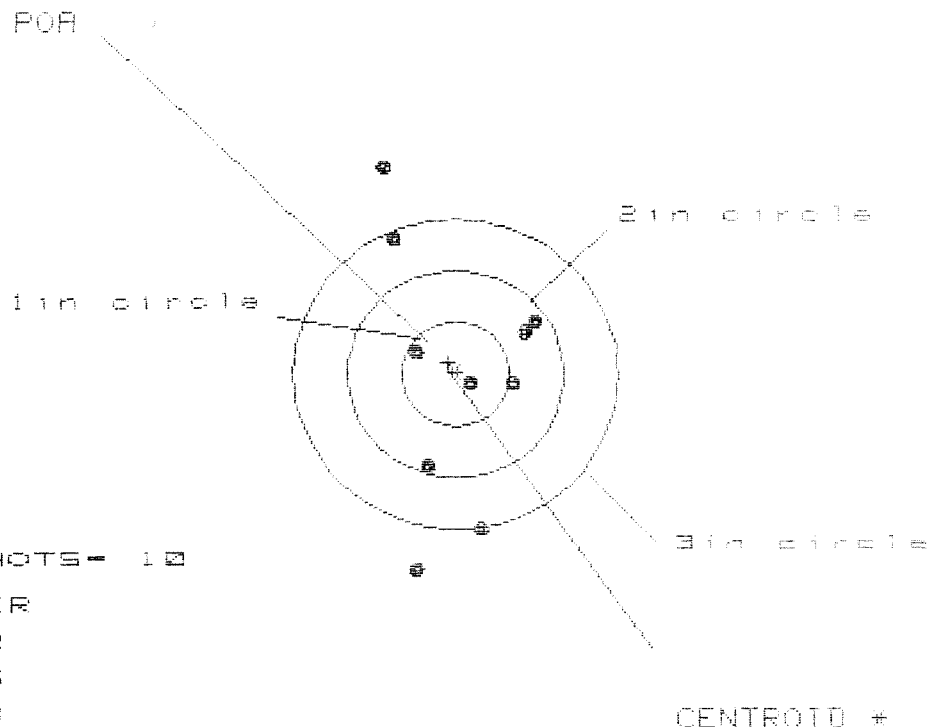
CENTROID #

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.836	.635	.712
MINIMUM X	:	-1.812	-.710	-.633
MAXIMUM Y	:	.807	.860	.966
MINIMUM Y	:	-.987	-.934	-.828
CENTROID X	:	-.116	.085	.008
CENTROID Y	:	.099	.046	-.060
POA TO CENTROID in.	:	.153	.096	.061
MIN RADIUS	:	.037	.077	.159
MEAN RADIUS	:	.772	.622	.570
MAX RADIUS	:	1.875	1.115	1.155
HORIZONTAL SPREAD	:	2.648	1.345	1.345
VERTICAL SPREAD	:	1.794	1.794	1.794
EXTREME SPREAD	:	2.731	1.959	1.959
NUMBER IN ONE INCH CIRCLE =	:	3		
NUMBER IN TWO INCH CIRCLE =	:	7		
NUMBER IN THREE INCH CIRCLE =	:	9		

D Feb 1991

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

HS= 1.417

VS= 3.895

GS= 3.903

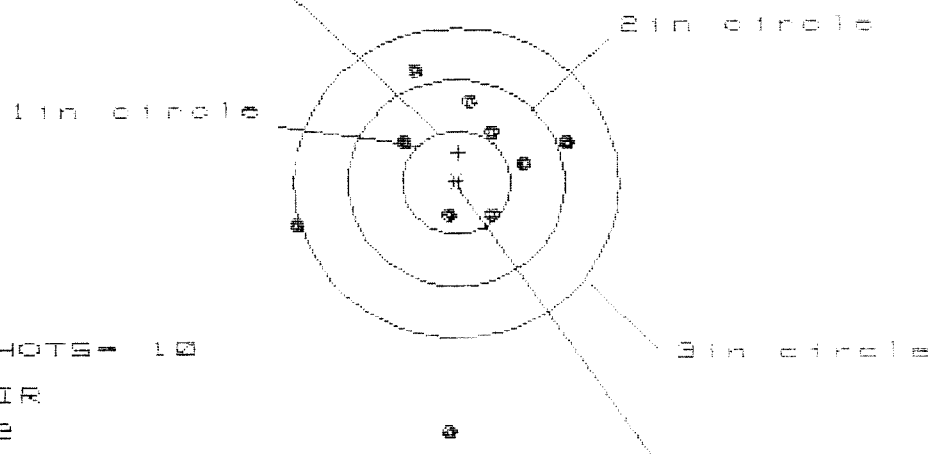
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.766	.693	.633
MINIMUM X	-.651	-.678	-.738
MAXIMUM Y	1.992	1.500	1.290
MINIMUM Y	-1.903	-1.681	-1.447
CENTROID X	.068	.141	.201
CENTROID Y	-.108	-.330	-.120
POR TO CENTROID in.	.128	.358	.234
MIN RADIUS	.186	.172	.077
MEAN RADIUS	1.075	.954	.809
MAX RADIUS	2.096	1.749	1.486
HORIZONTAL SPREAD	1.417	1.371	1.371
VERTICAL SPREAD	3.895	3.181	2.737
EXTREME SPREAD	3.903	3.187	2.867
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		8	

8 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08594585

CENTERFIRE PATTERNS # 3

FOR



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

IS = 2.462

VS = 3.485

GS = 3.502

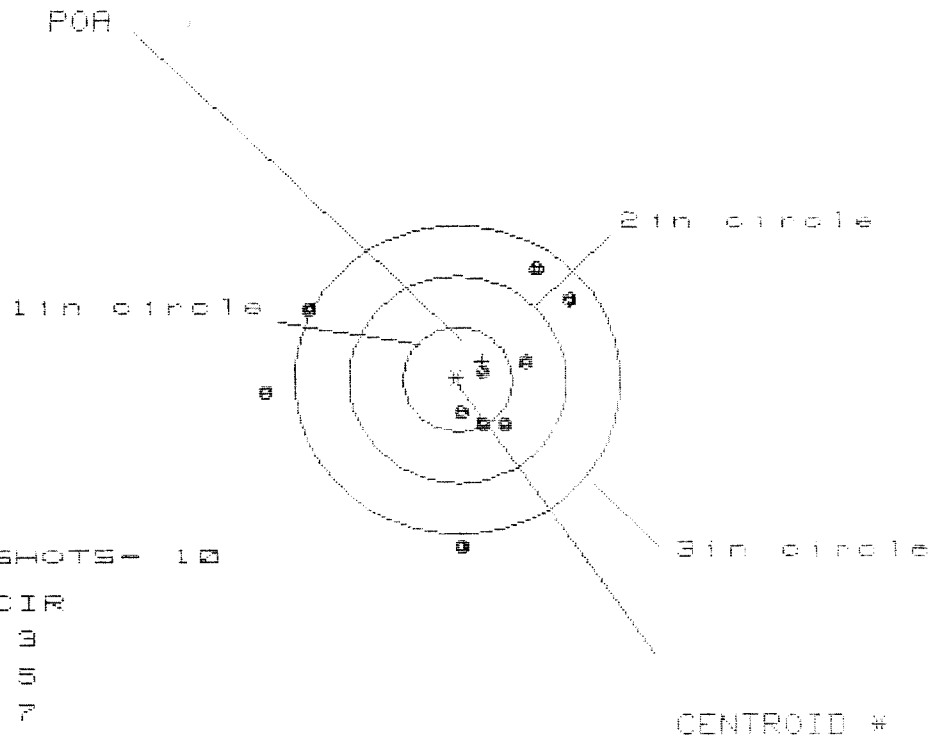
CENTROID +

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	9
MAXIMUM X	:	1.015	1.009	.827
MINIMUM X	:	-1.447	-1.453	-.707
MAXIMUM Y	:	1.116	.853	.773
MINIMUM Y	:	-2.369	-.643	-.669
CENTROID X	:	-.020	-.014	.168
CENTROID Y	:	-.288	-.025	.055
FOR TO CENTROID in.	:	.289	.029	.177
MIN RADIUS	:	.341	.451	.261
MEAN RADIUS	:	.962	.766	.624
MAX RADIUS	:	2.369	1.589	.969
HORIZONTAL SPREAD	:	2.462	2.462	1.534
VERTICAL SPREAD	:	3.485	1.496	1.442
EXTREME SPREAD	:	3.502	2.573	1.597
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

8 Feb 1981

FILE:/PATTERNING/CENTERFIRE_PATT/06594565

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 7

HS= 2.781

VS= 2.720

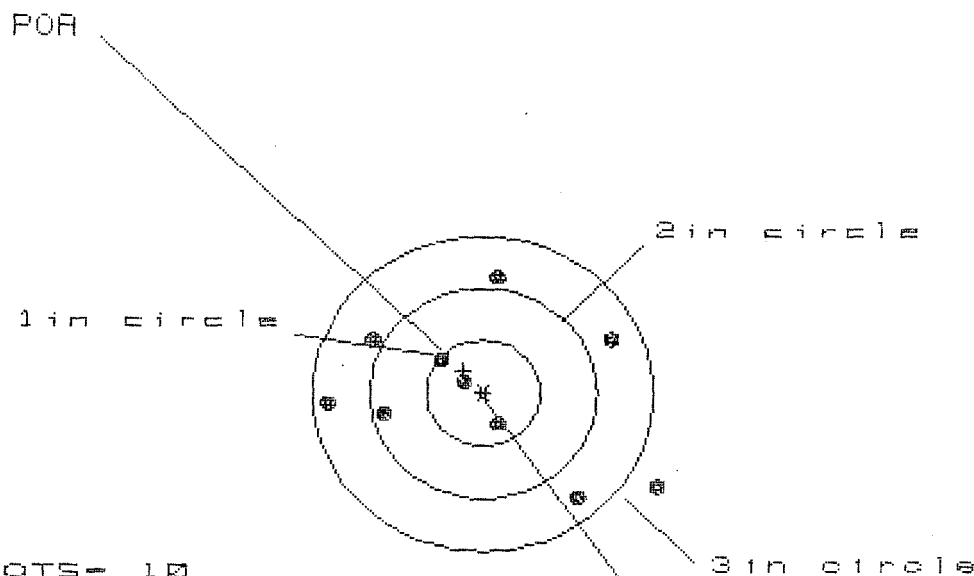
GS= 2.941

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.019	.824	.800
MINIMUM X	:	-1.762	-1.579	-1.603
MAXIMUM Y	:	1.127	1.110	.908
MINIMUM Y	:	-1.593	-1.610	-1.630
CENTROID X	:	-.230	-.035	-.011
CENTROID Y	:	-.181	-.164	.038
POA TO CENTROID in.	:	.293	.167	.039
MIN RADIUS	:	.253	.088	.124
MEAN RADIUS	:	.968	.827	.751
MAX RADIUS	:	1.768	1.700	1.659
HORIZONTAL SPREAD	:	2.781	2.403	2.403
VERTICAL SPREAD	:	2.720	2.720	1.538
EXTREME SPREAD	:	2.941	2.807	2.403
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

8 Feb 1991

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CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS = 2.803

VS = 2.085

GS = 3.017

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.509	1.332	1.179
MINIMUM X	:	-1.394	-1.226	-.916
MAXIMUM Y	:	1.079	.979	.957
MINIMUM Y	:	-1.006	-1.106	-1.128
CENTROID X	:	.173	.005	.158
CENTROID Y	:	-.210	-.110	-.088
POA TO CENTROID in.	:	.272	.111	.181
MIN RADIUS	:	.203	.038	.138
MEAN RADIUS	:	.979	.845	.817
MAX RADIUS	:	1.756	1.493	1.413
HORIZONTAL SPREAD	:	2.903	2.558	2.095
VERTICAL SPREAD	:	2.085	2.085	2.085
EXTREME SPREAD	:	3.017	2.628	2.297
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400019812

