

C6594543

MODEL 700TM M24

Model **SMS**TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

Arms Services Repair & Estimate System

File
Add Repair
Estimate Repair
Specify Repair
Inquiry
Repair Tools
CSR Tools
Reports
Table Maintenance
System Maintenance
Help

Repair Inquiry

Repair Number: **RE00036061**
Verify Repair: **High Priority**

Serial: C6594543 Model 700 Center Fire Caliber: 7.62 NATO SWS M24 WOGS 5 of 6
Repairman:
Status: New 11/26/01 12:23:55 PM

Address Information

Customer: ☒ Received From
Name: CDR A CO 1ST BN 3RD SFG A
Address 1: BLDG E1646
Address 2: PO Box:
City: FORT BRAGG
State: NC Zip Code: 28310 Country: US

Return To: ☐ Received From
Name: CDR A CO 1ST BN 3RD SFG A
Address 1: BLDG E1646
Address 2: PO Box:
City: FORT BRAGG
State: NC Zip Code: 28310 Country: US

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Received Condition

Accessories Received

Phone: 910 432 2369 8084
Fax:
Email:
Comments:

Condition: Fair
Condition Notes:
CSR Notes:

Code	Desc	Qty
A007	With Studs	3
A010	Hard Case(WOG)	1
A017	Scope Base	1

Repair Search

Refresh

Close

naglej
11/26/01
1:28 PM
CAPS
NUM
INS
SCRL

Start
Inbox...
Arms...
Thom...
Part S...
Score...
Calen...
Israeli...
1:28 PM

Serial Number: C6594543
Model: 700



RE0003606 1

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594534.__0
FILE DATE AND TIME: 12/04/2001 03:42

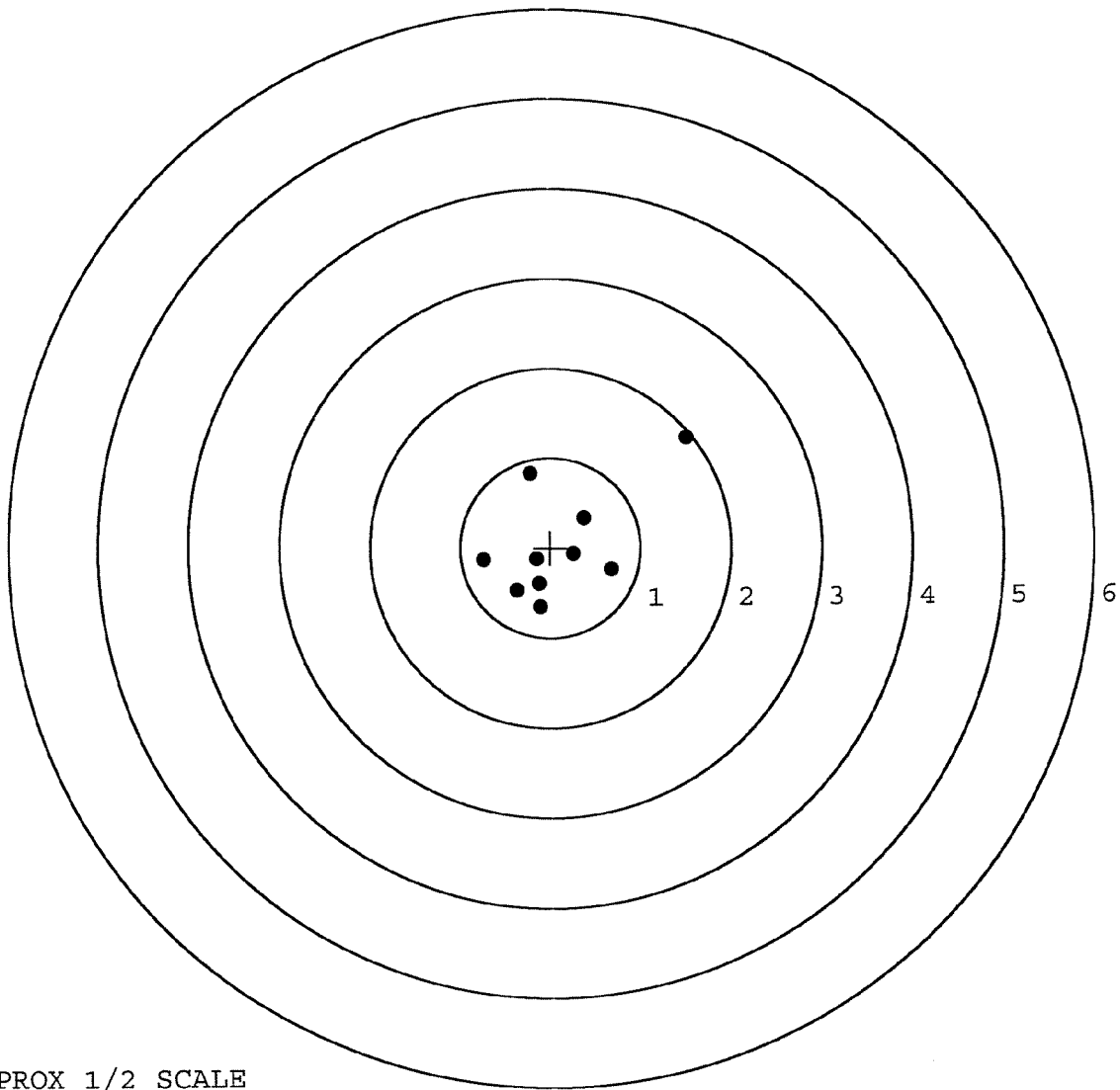
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.002
The Average Y Centroid of the Five Target Set:	0.056
The Average Point of Impact of the Five Target Set:	0.056
The Average Mean Radius of the Five Target Set:	<u>0.712</u>
The Distance from POA to Centroid Target #1:	0.110
The Distance from Centroid Target #2 to Centroid Target #1:	0.116
The Distance from Centroid Target #3 to Centroid Target #1:	0.419
The Distance from Centroid Target #4 to Centroid Target #1:	0.323
The Distance from Centroid Target #5 to Centroid Target #1:	0.188

SERIAL NUMBER: C6594534. 0
 TARGET NUMBER: 1
 FILE DATE: 12/04/2001
 FILE TIME: 03:42

X CENTROID: 0.107
 Y CENTROID: 0.025
 POA TO CENTROID: 0.110
 HORZ SPREAD: 2.259
 VERT SPREAD: 1.889
 GROUP SPREAD: 2.636
 MIN RADIUS: 0.179
 MAX RADIUS: 1.847
 MEAN RADIUS: 0.701
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.513	1.224
2:	-0.222	0.821
3:	0.378	0.331
4:	0.259	-0.071
5:	0.675	-0.245
6:	-0.746	-0.135
7:	-0.158	-0.130
8:	-0.378	-0.476
9:	-0.114	-0.665
10:	-0.132	-0.402



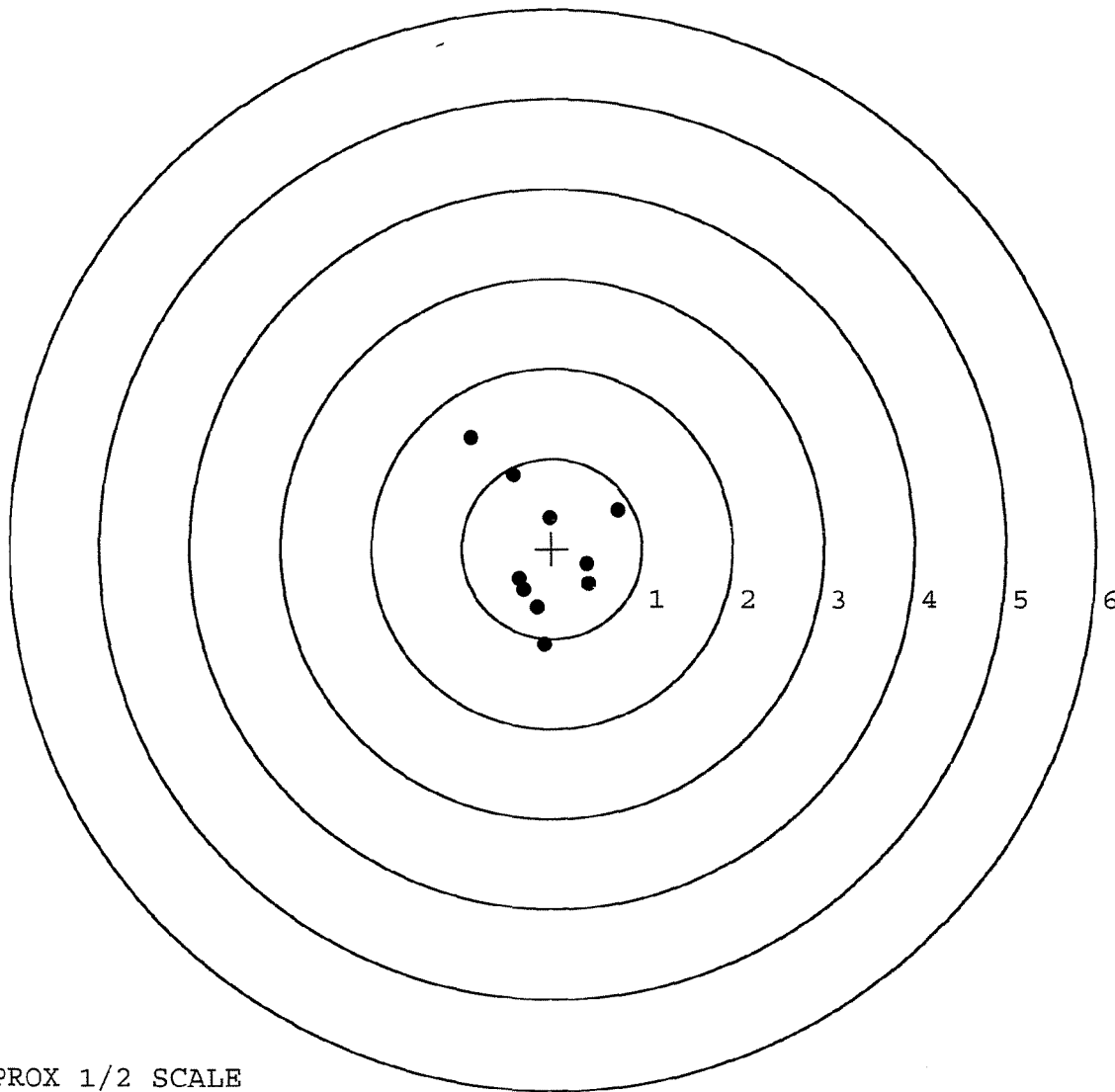
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594534. __0
 TARGET NUMBER: 2
 FILE DATE: 12/04/2001
 FILE TIME: 03:42

X CENTROID: -0.007
 Y CENTROID: 0.004
 POA TO CENTROID: 0.008
 HORZ SPREAD: 1.634
 VERT SPREAD: 2.292
 GROUP SPREAD: 2.434
 MIN RADIUS: 0.339
 MAX RADIUS: 1.514
 MEAN RADIUS: 0.721
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 12
 # in 3 IN DIAMETER: 13

POINT#	X	Y
1:	0.729	0.428
2:	-0.085	-1.069
3:	-0.164	-0.655
4:	-0.365	-0.337
5:	-0.033	0.342
6:	-0.438	0.817
7:	-0.905	1.223
8:	-0.905	1.223
9:	0.407	-0.393
10:	0.407	-0.393
11:	0.391	-0.169
12:	0.391	-0.169
13:	0.391	-0.169
14:	0.391	-0.169

POINT#	X	Y
15:	-0.315	-0.456



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594534. __0

TARGET NUMBER: 3

FILE DATE: 12/04/2001

FILE TIME: 03:42

X CENTROID: -0.026

Y CENTROID: 0.422

POA TO CENTROID: 0.423

HORZ SPREAD: 1.867

VERT SPREAD: 2.156

GROUP SPREAD: 2.307

MIN RADIUS: 0.197

MAX RADIUS: 1.576

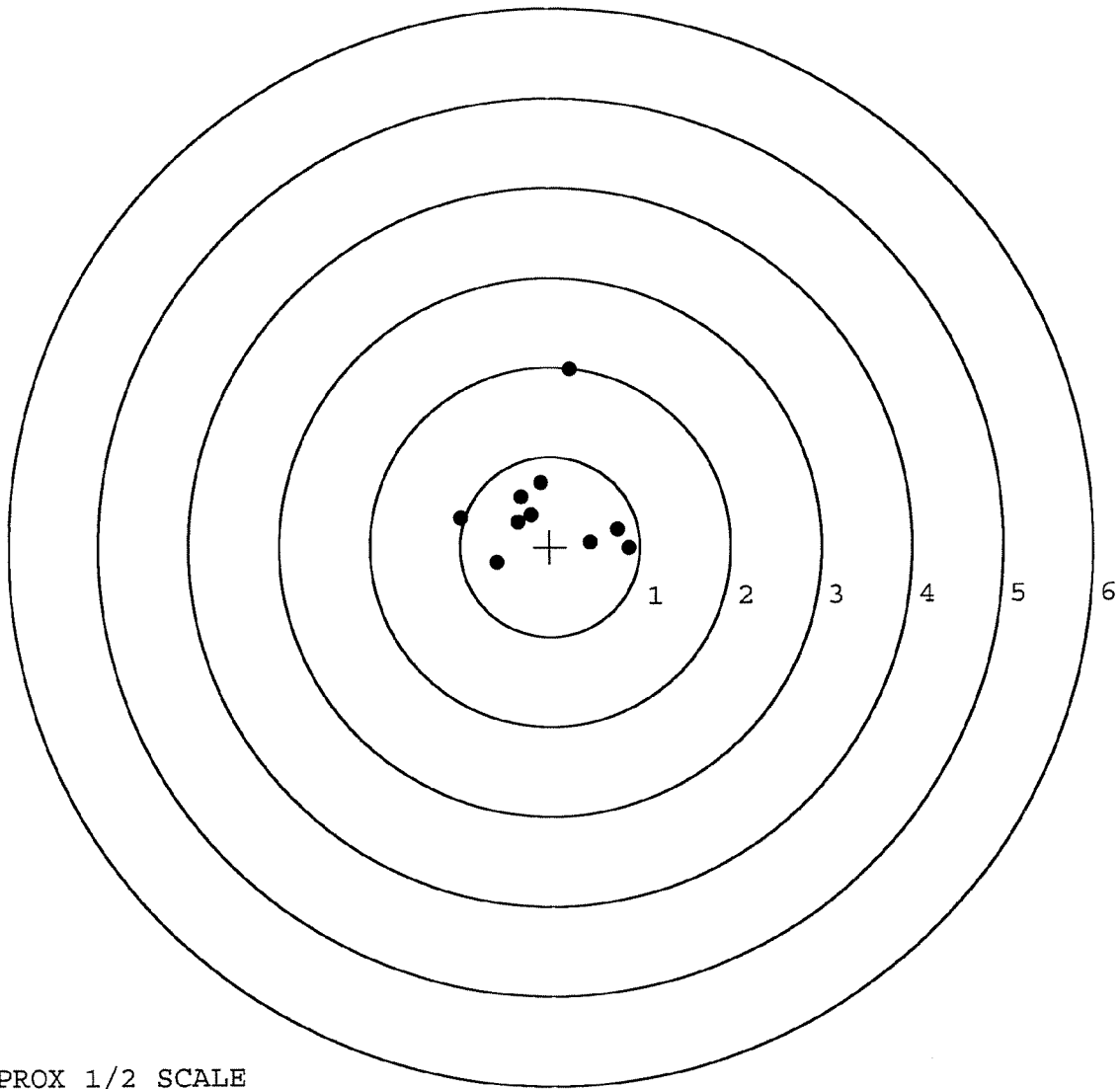
MEAN RADIUS: 0.697

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.231	1.977
2:	-0.104	0.707
3:	-0.209	0.350
4:	0.453	0.049
5:	0.748	0.190
6:	0.880	-0.021
7:	-0.590	-0.179
8:	-0.987	0.326
9:	-0.357	0.270
10:	-0.326	0.550



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594534. __0

TARGET NUMBER: 4

FILE DATE: 12/04/2001

FILE TIME: 03:42

X CENTROID: -0.214

Y CENTROID: -0.011

POA TO CENTROID: 0.214

HORZ SPREAD: 1.814

VERT SPREAD: 2.242

GROUP SPREAD: 2.633

MIN RADIUS: 0.130

MAX RADIUS: 1.523

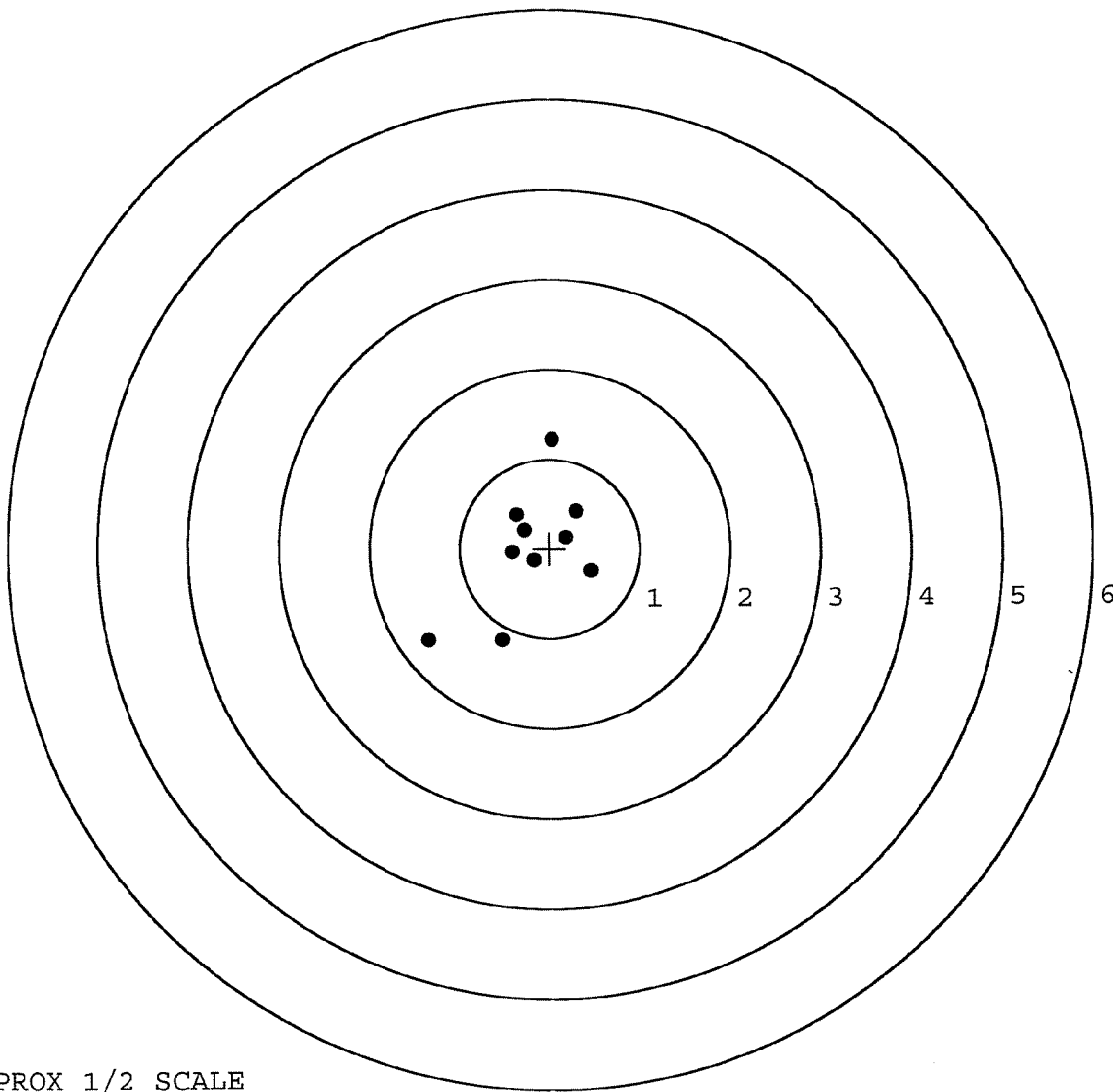
MEAN RADIUS: 0.665

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.033	1.217
2:	-0.372	0.385
3:	-0.281	0.211
4:	-0.178	-0.136
5:	-0.415	-0.044
6:	0.304	0.423
7:	0.190	0.130
8:	0.461	-0.247
9:	-0.527	-1.025
10:	-1.353	-1.022



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594534. __0

TARGET NUMBER: 5

FILE DATE: 12/04/2001

FILE TIME: 03:42

X CENTROID: 0.151

Y CENTROID: -0.158

POA TO CENTROID: 0.218

HORZ SPREAD: 1.544

VERT SPREAD: 2.474

GROUP SPREAD: 2.899

MIN RADIUS: 0.302

MAX RADIUS: 1.498

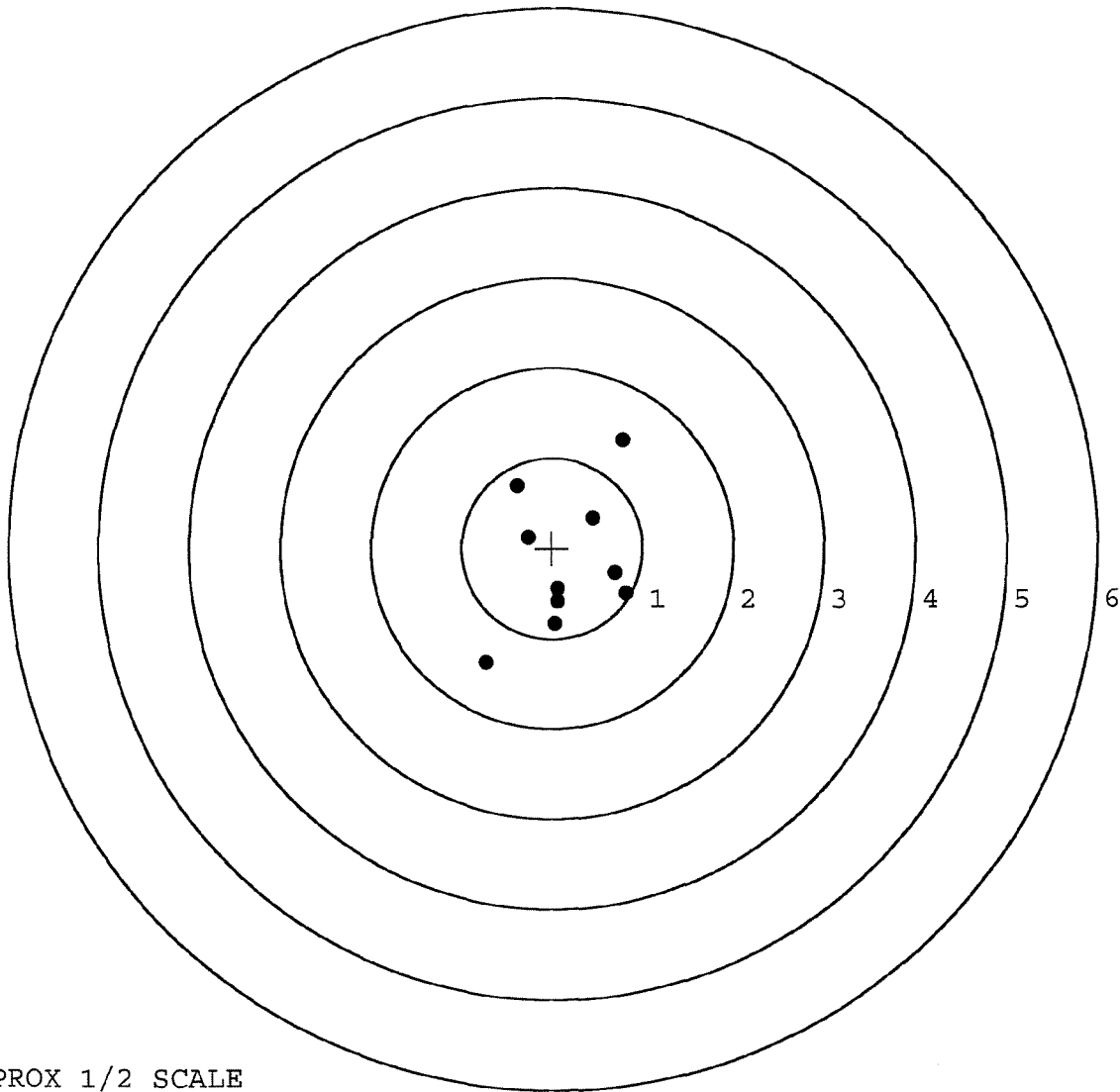
MEAN RADIUS: 0.774

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.782	1.201
2:	0.450	0.336
3:	0.815	-0.497
4:	0.694	-0.273
5:	0.031	-0.838
6:	0.066	-0.448
7:	-0.729	-1.273
8:	-0.272	0.114
9:	-0.391	0.689
10:	0.061	-0.589



TARGET APPROX 1/2 SCALE

 		VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700™ H24		SERIAL NO. C6594543
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.		ORDER NO. 5716



5716 C6594543



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # **C6594543**

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		12/26/90	K.S.
600	Proof		12/26/90	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		1-7-91	LS
617	Drill and Tap Sight Holes	1	10 91	LB
618	Polish Barrel	1	10 91	WB
620	Apply Coatings (Barrel Action)		1-26-91	DA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/11/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/11/91	KA
	C) Inspect Ejector Hole for Chamfer		2/11/91	KA
	D) Oil Firing Pin Ass'y		2/11/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		2/12/91	KA

BARBER - M24 0018929

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6 1/2	6 1/2	6 1/2			2/12/91	WB
	G) Safety Off Force	2 1/4	2 1/4	2 1/4			2/12/91	WB
	H) Trigger Pull Test & Retainability						2/12/91	JK
	I) Firing Pin Indent	.020	.0205	.0205			2/14/91	WB
	J) Assemble Stock						2/13/91	KA
	K) Assemble Swivel Studs						2-26-91	AC
	L) Attach Front and Rear Sight Assemblies						2/13/91	KA
	M) Iron Sight Alignment						2/13/91	KA
	N) Detach Front & Rear Sights & place in numbered container						2/13/91	KA
	O) Attach Scope to Rifle						2/13/91	KA
	P) Detach & Attach Scope 20 Times						2/13/91	KA
640	Gallery Target & Test						2-13-91	AF
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clarity of Scope						"	AF
645	Inspect for Live Ammo						2-13-91	AF
655	Final Inspection							
	A) Headspace						2-26-91	AC
	B) Trigger Pull	2.41	2.33	2.36	2.25	2.40	2/22/91	JK
	C) Function						2-26-91	AC
660	Pack						3-14-91	AF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6594543

DATE 2/12/91

TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.27	2.16	2.18	2.41	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.23	2.20	2.22	2.33	
PULL #3	2.27	2.17	2.19	2.36	
PULL #4	2.31	2.21	2.20	2.25	
PULL #5	2.26	2.21	2.20	2.48	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.47	3.33		
PULL #2	3.49	3.32		
PULL #3	3.41	3.32		
PULL #4	3.46	3.39		
PULL #5	3.41	3.38		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.19	4.24		4.16
PULL #2	4.17	4.28		4.29
PULL #3	4.22	4.22		4.33
PULL #4	4.32	4.21		4.47
PULL #5	4.28	4.27		4.49
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594543
14 Feb 1991

CENTROIDAL DISTANCES

0 TO	1	.1467
1 TO	2	.0963379
1 TO	3	.190032
1 TO	4	.261559
1 TO	5	.147801

4 <--- FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1048
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0304
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .10912
THE AMR FOR THIS RIFLE IS: .9502

14 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8534543

CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS= 3.703

VS= 2.699

GS= 3.735

CENTROID *

PATTERN #

1

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.485

1.238

1.360

MINIMUM X

-2.219

-1.351

-1.229

MAXIMUM Y

1.402

1.383

1.219

MINIMUM Y

-1.297

-1.316

-.834

CENTROID X

.136

.382

.260

CENTROID Y

-.055

-.036

.128

POA TO CENTROID in.

.146

.384

.290

MIN RADIUS

.445

.391

.230

MEAN RADIUS

1.143

1.027

.897

MAX RADIUS

2.225

1.636

1.595

HORIZONTAL SPREAD

3.703

2.589

2.589

VERTICAL SPREAD

2.699

2.699

2.053

EXTREME SPREAD

3.735

2.748

2.716

NUMBER IN ONE

INCH CIRCLE =

2

NUMBER IN TWO

INCH CIRCLE =

5

NUMBER IN THREE INCH CIRCLE =

6

14 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8534543

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 = 7

HS= 3.345

VS= 3.037

GS= 3.741

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.829	1.026	1.002
MINIMUM X	:	-1.516	-1.313	-1.337
MAXIMUM Y	:	1.025	1.136	.898
MINIMUM Y	:	-2.012	-1.901	-1.011
CENTROID X	:	.041	-.162	-.138
CENTROID Y	:	-.071	-.182	.056
POA TO CENTROID in.	:	.082	.243	.149
MIN RADIUS	:	.232	.309	.079
MEAN RADIUS	:	1.104	.992	.833
MAX RADIUS	:	2.082	1.911	1.410
HORIZONTAL SPREAD	:	3.345	2.339	2.339
VERTICAL SPREAD	:	3.037	3.037	1.909
EXTREME SPREAD	:	3.741	3.057	2.344
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		7	

14 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594543

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 9

HS= 2.814

VS= 2.778

GS= 2.916

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.452	1.300	1.278
MINIMUM X	:	-1.362	-.789	-.811
MAXIMUM Y	:	1.478	1.388	.828
MINIMUM Y	:	-1.300	-1.390	-1.217
CENTROID X	:	-.028	.124	.146
CENTROID Y	:	-.151	-.061	-.234
POA TO CENTROID in.	:	.153	.138	.276
MIN RADIUS	:	.480	.362	.359
MEAN RADIUS	:	.999	.919	.856
MAX RADIUS	:	1.585	1.527	1.382
HORIZONTAL SPREAD	:	2.814	2.089	2.089
VERTICAL SPREAD	:	2.778	2.778	2.045
EXTREME SPREAD	:	2.916	2.815	2.304
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

14 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8594543

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in = 4

2 in = 7

3 in = 9

HS = 2.079

VS = 1.988

GS = 2.384

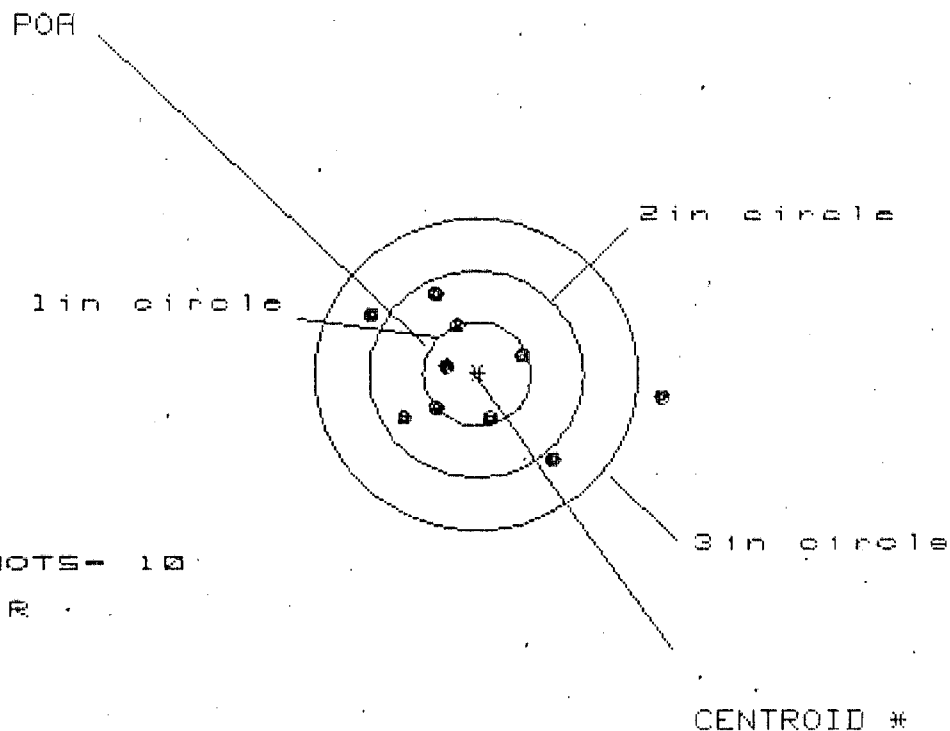
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.229	1.183	.518
MINIMUM X	:	-.850	-.714	-.566
MAXIMUM Y	:	1.320	.696	.637
MINIMUM Y	:	-.668	-.522	-.582
CENTROID X	:	.093	-.043	-.191
CENTROID Y	:	.203	.057	.116
POA TO CENTROID in.	:	.224	.071	.224
MIN RADIUS	:	.213	.053	.068
MEAN RADIUS	:	.718	.531	.403
MAX RADIUS	:	1.803	1.276	.852
HORIZONTAL SPREAD	:	2.079	1.897	1.084
VERTICAL SPREAD	:	1.988	1.218	1.218
EXTREME SPREAD	:	2.384	2.231	1.631
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

14 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06594543

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 7

3 in = 9

HS= 2.676

VS= 1.533

GS= 2.790

CENTROID *

PATTERN #	:	5	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.693	.895	.796
MINIMUM X	:	-.983	-.795	-.626
MAXIMUM Y	:	.754	.732	.804
MINIMUM Y	:	-.779	-.801	-.729
CENTROID X	:	.282	.094	.193
CENTROID Y	:	-.078	-.057	-.129
POA TO CENTROID in.	:	.293	.110	.232
MIN RADIUS	:	.333	.149	.271
MEAN RADIUS	:	.787	.650	.613
MAX RADIUS	:	1.704	1.201	1.079
HORIZONTAL SPREAD	:	2.676	1.690	1.422
VERTICAL SPREAD	:	1.533	1.533	1.533
EXTREME SPREAD	:	2.790	2.180	1.882
NUMBER IN ONE INCH CIRCLE =	:	4		
NUMBER IN TWO INCH CIRCLE =	:	7		
NUMBER IN THREE INCH CIRCLE =	:	9		