

C6594612

MODEL 700TM M24

Model **SWS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Arms Services Repair & Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSP Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: **RE00038549** Serial: **C6594512 Model 700 Center Fire Caliber 7.62 NATO M24 SWS WOGS 7 of 18** Repairman:
 Verify Repair Status: **Closed 1/2/02 9:06:18 AM**

Address Information

Customer: **Received From** Return To: **Received From**

Name: **HECTOR M ROCA** **HECTOR M ROCA**
 Address 1: **BCD 3RD SFG A** **BCD 3RD SFG A**
 Address 2: **PD Box** **PD Box**
 City: **FORT BRAGG** **FORT BRAGG**
 State: **NC** Zip Code: **28310** Country: **US** 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 3518** **Fair**
 Fax: **Condition**
 Email: **Notes**
 Comments: **CSP**
Notes

Code	Desc	Qty
A007	With Stud	2
A017	Scope Base	1

Repair Search **Refresh** **Close**

1/2/02 10:21 AM CAPS NUM IN3 SCRL

Start Inbo Calc Scor SW Isra Ar Print 10:21 AM

Serial Number:

C6594512

Model: **700**



RE00038549

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

R & E NUMBER 38549			
SERIAL NUMBER C6594612			
LOG-IN DATE 1-2-02			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	1-2-02	RH
560 A	RE-BARREL AT CUSTOM SHOP	1-3-02	BWT
B	DRILL AND TAP	1-3-02	BWT
C	POLISH		
575	ASSEMBLE	1-4-02	AC
600	PROOF	1-4-02	AC
605	CHECK HEADSPACE	1-4-02	AC
610	DIS-ASSEMBLE GUN	1-4-02	AC
612	MAGNAFLUX	1/7/02	AB
615	ROLLMARK CALIBER		
618	ROTO-BLAST	1/7	NO
620	APPLY COATINGS	1/7	HA
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	1-10-02	
655	FINAL INSPECT	1-11-02	RH
660	PACK	1-11-02	RH
		SHIP DATE	
		QAR INSPECTION DATE	

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594612.___0
FILE DATE AND TIME: 01/10/2002 02:40

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.029
The Average Y Centroid of the Five Target Set:	0.148
The Average Point of Impact of the Five Target Set:	0.151
The Average Mean Radius of the Five Target Set:	0.640
The Distance from POA to Centroid Target #1:	0.279
The Distance from Centroid Target #2 to Centroid Target #1:	0.281
The Distance from Centroid Target #3 to Centroid Target #1:	0.208
The Distance from Centroid Target #4 to Centroid Target #1:	0.368
The Distance from Centroid Target #5 to Centroid Target #1:	0.494

SERIAL NUMBER: C6594612.___0

TARGET NUMBER: 1

FILE DATE: 01/10/2002

FILE TIME: 02:40

POINT#	X	Y
1:	0.054	0.767
2:	0.162	0.386
3:	0.826	-0.144
4:	0.549	-0.450
5:	-0.265	-0.118
6:	-1.036	0.342
7:	-0.700	0.183
8:	-0.618	0.422
9:	-0.555	0.319
10:	-0.488	0.164

X CENTROID: -0.207

Y CENTROID: 0.187

POA TO CENTROID: 0.279

HORZ SPREAD: 1.862

VERT SPREAD: 1.217

GROUP SPREAD: 1.924

MIN RADIUS: 0.282

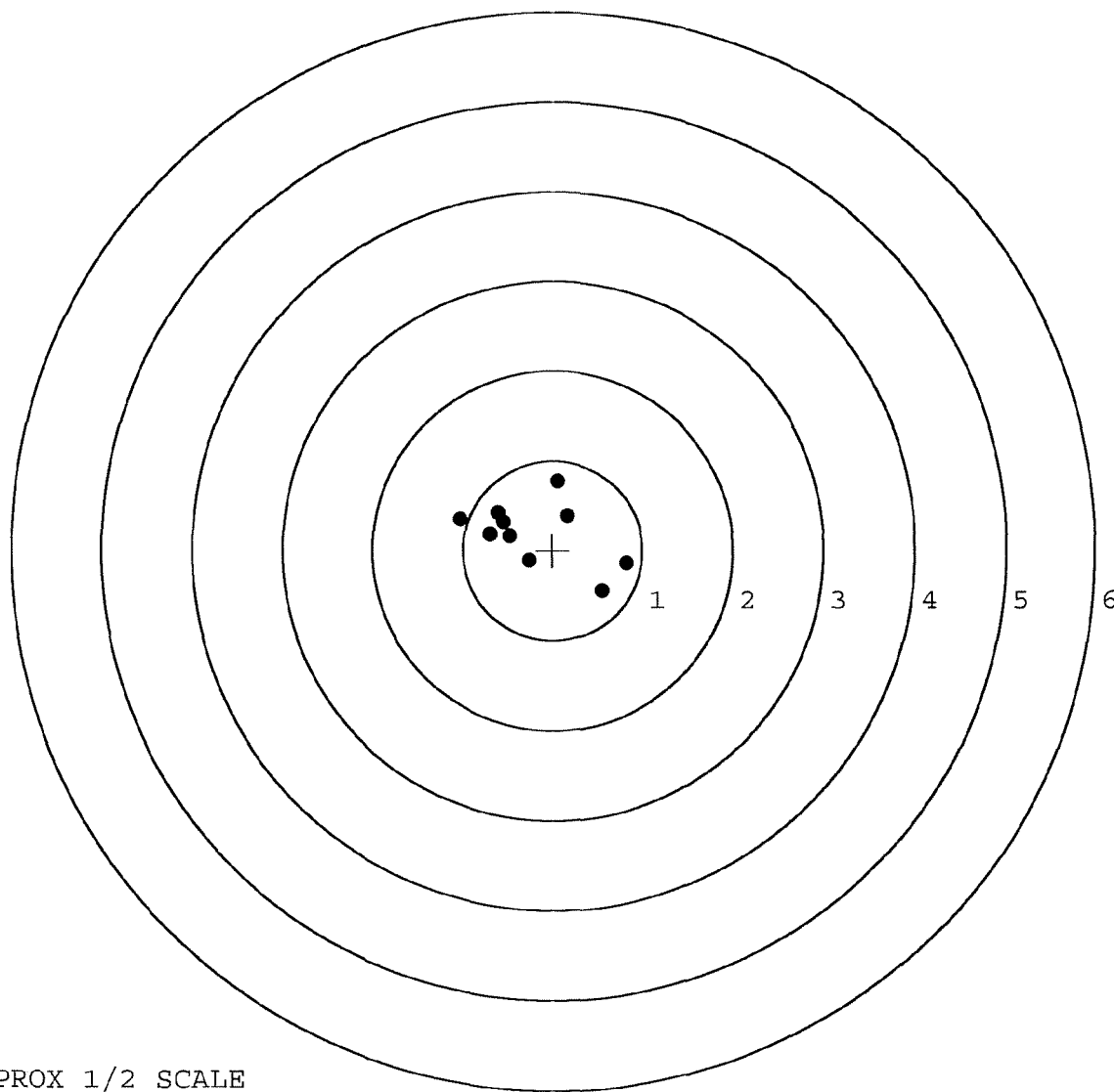
MAX RADIUS: 1.085

MEAN RADIUS: 0.590

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594612. 0

TARGET NUMBER: 2

FILE DATE: 01/10/2002

FILE TIME: 02:40

POINT#	X	Y
1:	0.260	0.760
2:	-0.064	0.435
3:	-0.594	0.518
4:	-0.884	0.686
5:	-0.603	-0.847
6:	-0.173	-0.171
7:	0.096	-0.393
8:	0.395	-0.063
9:	0.669	-0.201
10:	1.492	0.242

X CENTROID: 0.059

Y CENTROID: 0.097

POA TO CENTROID: 0.113

HORZ SPREAD: 2.376

VERT SPREAD: 1.607

GROUP SPREAD: 2.417

MIN RADIUS: 0.354

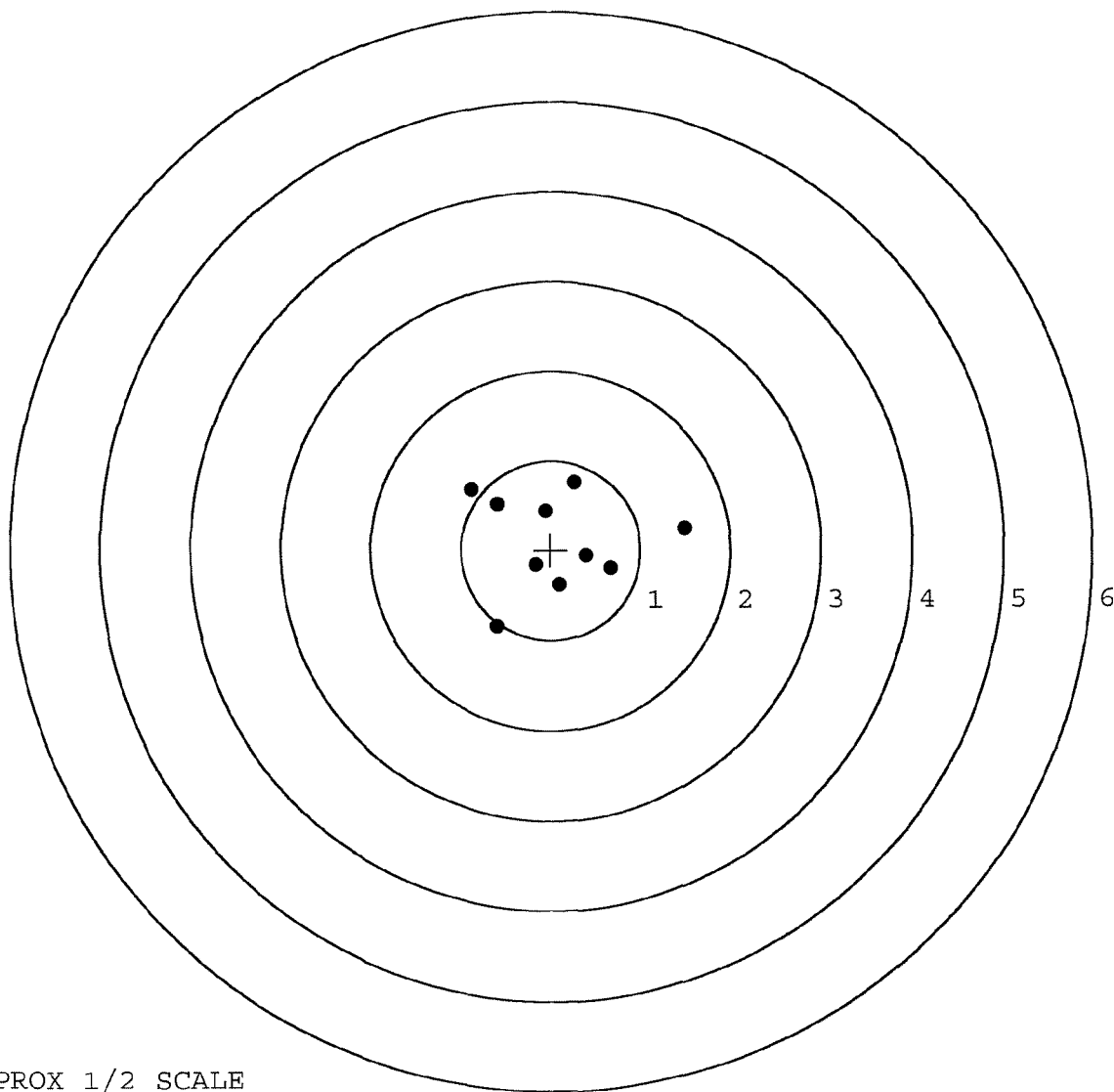
MAX RADIUS: 1.440

MEAN RADIUS: 0.743

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594612. __0

TARGET NUMBER: 3

FILE DATE: 01/10/2002

FILE TIME: 02:40

POINT#	X	Y
1:	0.690	0.356
2:	0.201	-0.031
3:	0.067	-0.322
4:	-0.205	-1.136
5:	-1.097	0.441
6:	-0.684	0.435
7:	-0.290	0.108
8:	-0.429	0.231
9:	0.130	-0.199
10:	0.113	-0.018

X CENTROID: -0.150

Y CENTROID: -0.014

POA TO CENTROID: 0.151

HORZ SPREAD: 1.787

VERT SPREAD: 1.577

GROUP SPREAD: 1.812

MIN RADIUS: 0.185

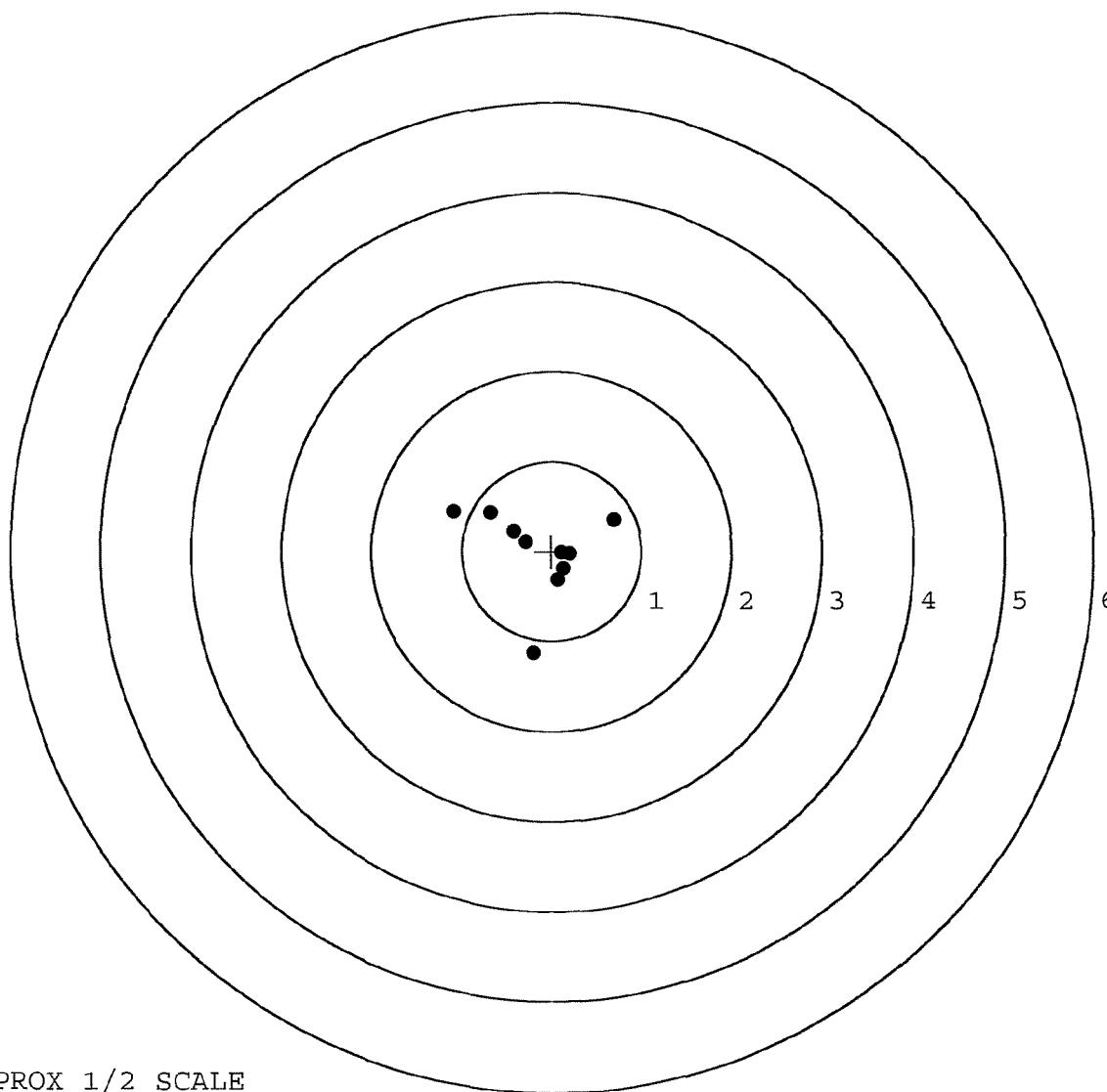
MAX RADIUS: 1.124

MEAN RADIUS: 0.567

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594612.___0

TARGET NUMBER: 4

FILE DATE: 01/10/2002

FILE TIME: 02:40

X CENTROID: -0.068

Y CENTROID: 0.528

POA TO CENTROID: 0.533

HORZ SPREAD: 0.840

VERT SPREAD: 2.230

GROUP SPREAD: 2.276

MIN RADIUS: 0.171

MAX RADIUS: 1.391

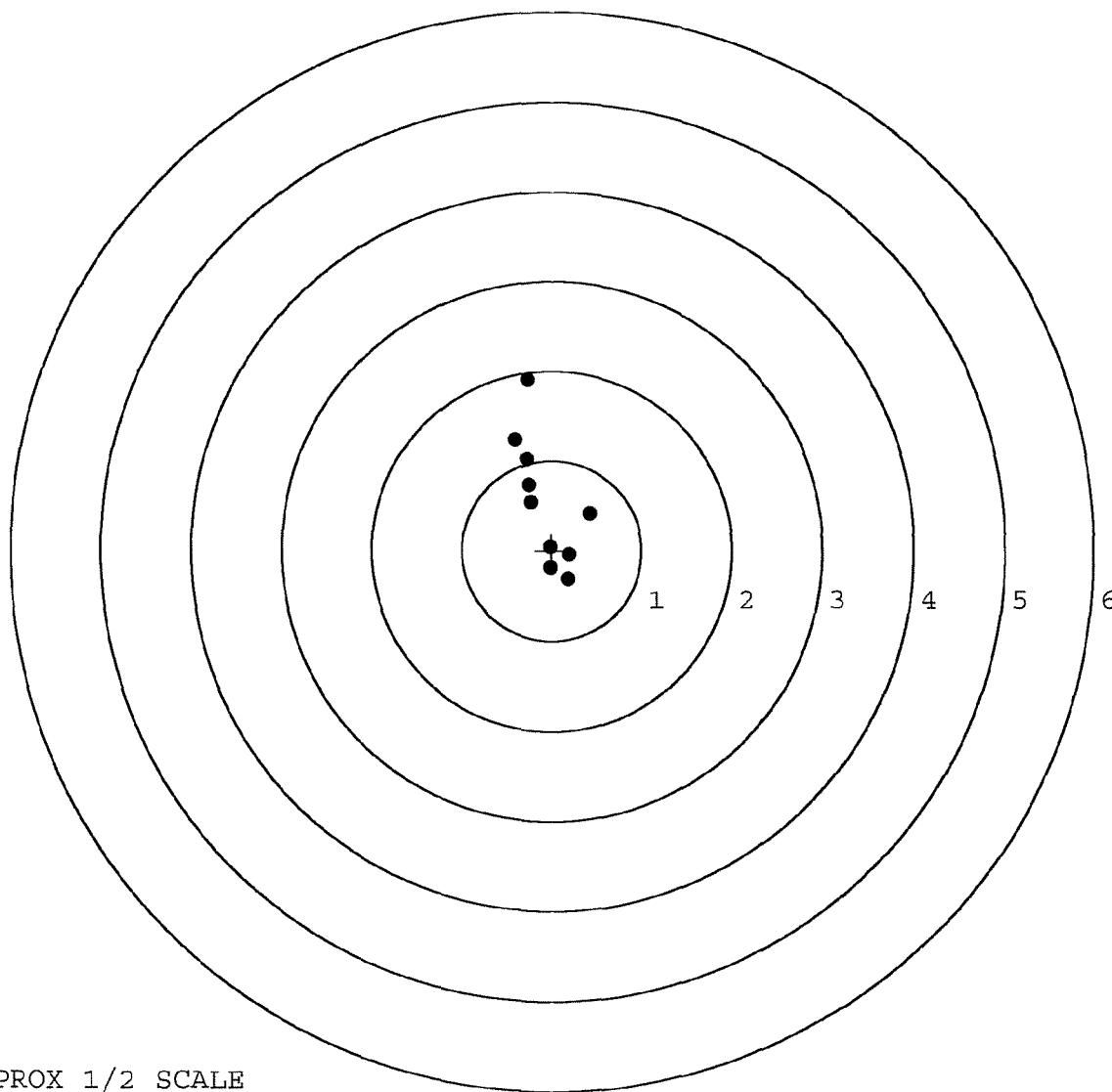
MEAN RADIUS: 0.640

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.269	1.905
2:	-0.414	1.229
3:	-0.279	1.014
4:	-0.254	0.729
5:	-0.239	0.535
6:	0.426	0.409
7:	-0.015	0.038
8:	-0.018	-0.198
9:	0.186	-0.325
10:	0.195	-0.053



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594612. __0

TARGET NUMBER: 5

FILE DATE: 01/10/2002

FILE TIME: 02:40

X CENTROID: 0.221

Y CENTROID: -0.059

POA TO CENTROID: 0.229

HORZ SPREAD: 2.070

VERT SPREAD: 1.336

GROUP SPREAD: 2.373

MIN RADIUS: 0.081

MAX RADIUS: 1.235

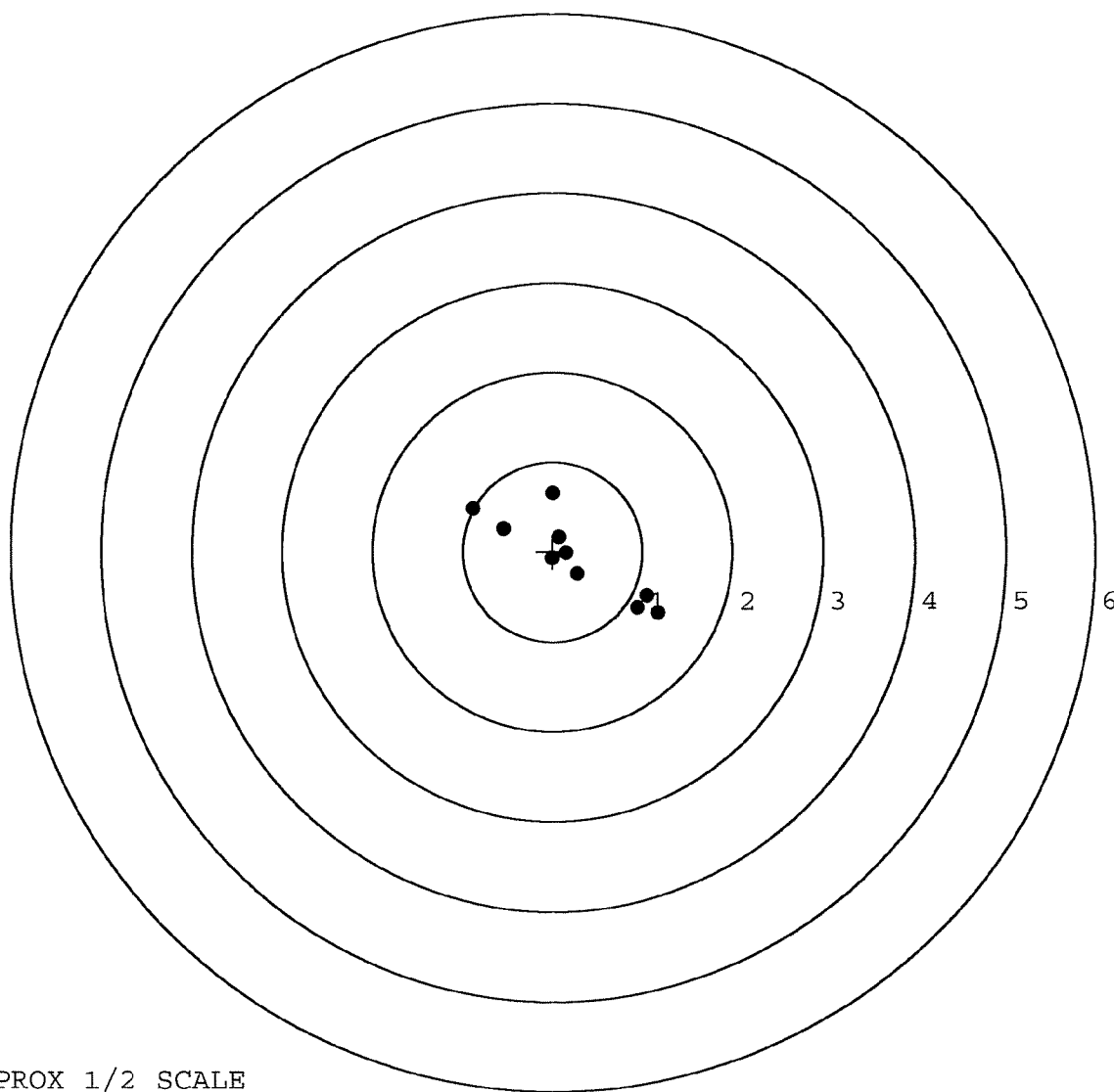
MEAN RADIUS: 0.658

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.893	0.474
2:	-0.553	0.259
3:	1.047	-0.490
4:	0.943	-0.621
5:	1.177	-0.686
6:	-0.009	-0.079
7:	-0.003	0.650
8:	0.072	0.163
9:	0.274	-0.249
10:	0.152	-0.016



TARGET APPROX 1/2 SCALE

Remington ®		 REG. U.S. PAT. & TM. OFF.	VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700™ H24		SERIAL NO. C6594612	ORDER NO. 5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.			
 5716 C6594612			

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6594612

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		12/21/90	K.S.
600	Proof		12/21/90	K.S.
607	Check Headspace		12/21/90	K.S.
610	Dis-assemble Gun		12/21/90	K.S.
612	Magnaflux Barrel Action		1/9/91	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	GB
617	Drill and Tap Sight Holes	1 10 91		LB
618	Polish Barrel	1 10 91		WB
620	Apply Coatings (Barrel Action)		1-22-91	JA
	Apply Coating (Bolt)			
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		2/6/91	KA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			2/5/91	WB
	G) Safety Off Force	3	3	3			2/5/91	WB
	H) Trigger Pull Test & Retainability						2/5/91	JRP
	I) Firing Pin Indent	.0203	.020	.020			2/5/91	WB
	J) Assemble Stock						2/7/91	KA
	K) Assemble Swivel Studs						2-21-91	A
	L) Attach Front and Rear Sight Assemblies						2/7/91	KA
	M) Iron Sight Alignment						2/7/91	KA
	N) Detach Front & Rear Sights & place in numbered container						2/7/91	KA
	O) Attach Scope to Rifle						2/7/91	KA
	P) Detach & Attach Scope 20 Times						2/7/91	KA
640	Gallery Target & Test						2-8-91	DH
	A) Time						2-8-91	DH
	B) Malfunctions						2-8-91	DH
	C) Pierced Primers						2-8-91	DH
	D) Optical Clarity of Scope						2-8-91	DH
645	Inspect for Live Ammo						2-8-91	DH
655	Final Inspection							
	A) Headspace						2-21-91	A
	B) Trigger Pull	2.28	2.28	2.20	2.25	2.20	2/19/91	WB
	C) Function						2-21-91	A
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. C6594612

DATE 2/5/91

TESTER JP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.20	2.43	2.40	2.28	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.23	2.43	2.48	2.28	
PULL #3	2.50	2.45	2.43	2.20	
PULL #4	2.50	2.42	2.46	2.25	
PULL #5	2.51	2.46	2.40	2.20	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.37	3.22		
PULL #2	3.36	3.21		
PULL #3	3.36	3.24		
PULL #4	3.29	3.23		
PULL #5	3.33	3.23		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.28	4.27		4.24
PULL #2	4.34	4.28		4.31
PULL #3	4.22	4.30		4.28
PULL #4	4.27	4.25		4.28
PULL #5	4.29	4.27		4.32
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594612
8 Feb 1991

CENTROIDAL DISTANCES

Ø TO	1	.433457
1 TO	2	.543625
1 TO	3	.610856
1 TO	4	.517035
1 TO	5	.45127

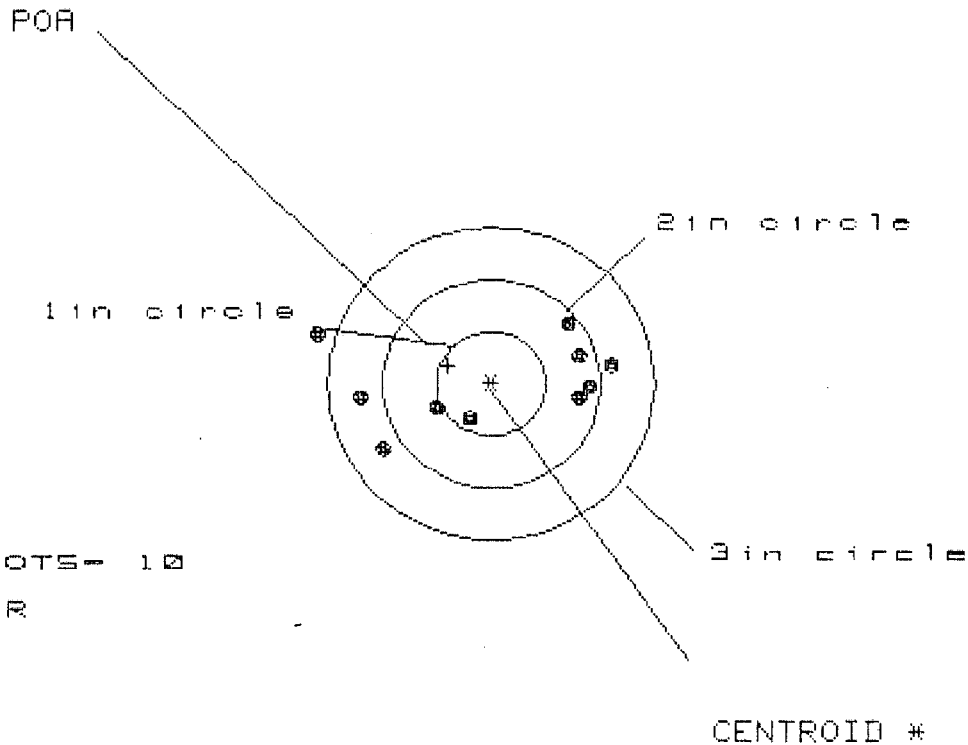
Ø, <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0256
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .014
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0291781
THE AMR FOR THIS RIFLE IS: .8466

8 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06594612

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 6

3 in = 9

HS = 2.651

VS = 1.208

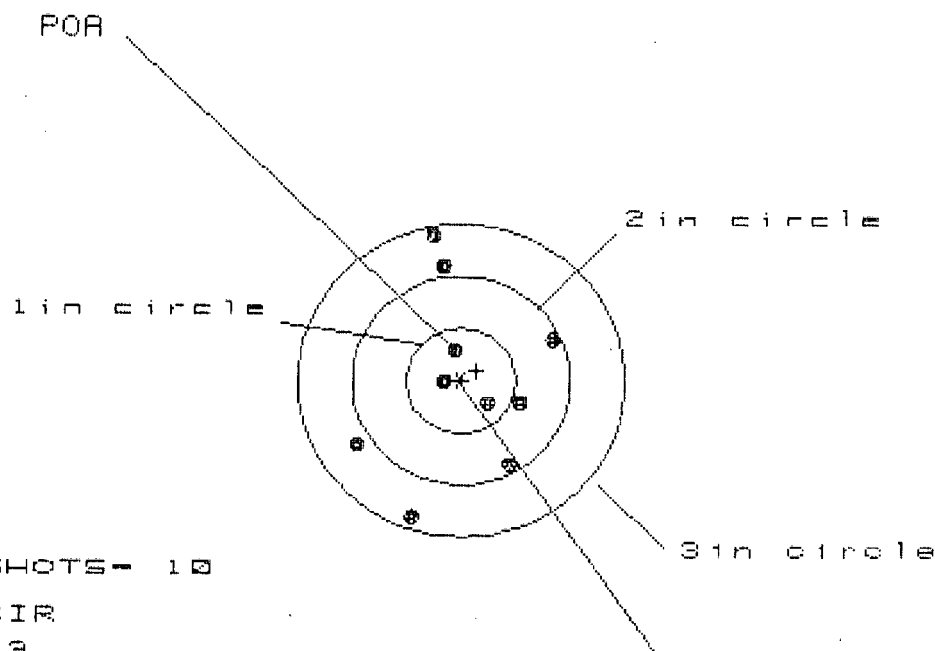
GS = 2.664

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.101	.929	.782
MINIMUM X	:	-1.550	-1.319	-1.466
MAXIMUM Y	:	.610	.659	.591
MINIMUM Y	:	-.598	-.549	-.356
CENTROID X	:	.397	.569	.716
CENTROID Y	:	-.174	-.223	-.155
POA TO CENTROID in.	:	.433	.611	.732
MIN RADIUS	:	.379	.450	.559
MEAN RADIUS	:	.955	.857	.769
MAX RADIUS	:	1.613	1.323	1.476
HORIZONTAL SPREAD	:	2.651	2.248	2.248
VERTICAL SPREAD	:	1.208	1.208	.947
EXTREME SPREAD	:	2.664	2.273	2.273
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

8 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594612

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in = 3

2 in = 6

3 in = 10

HS= 1.816

VS= 2.691

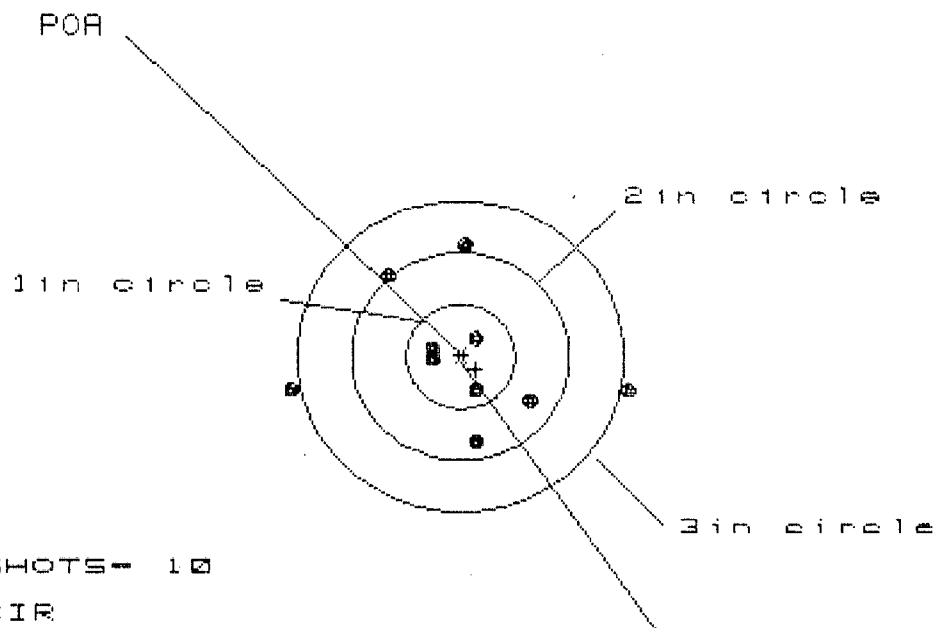
GS= 2.696

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.841	.792	.751
MINIMUM X	:	-.975	-1.024	-1.065
MAXIMUM Y	:	1.357	1.209	1.100
MINIMUM Y	:	-1.334	-.986	-.835
CENTROID X	:	-.141	-.092	-.051
CENTROID Y	:	-.096	.052	-.099
POA TO CENTROID in.	:	.171	.105	.112
MIN RADIUS	:	.191	.195	.279
MEAN RADIUS	:	.840	.772	.694
MAX RADIUS	:	1.405	1.253	1.206
HORIZONTAL SPREAD	:	1.816	1.816	1.816
VERTICAL SPREAD	:	2.691	2.195	1.935
EXTREME SPREAD	:	2.696	2.303	2.073
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

8 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594612

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 4

2in = 7

3in = 8

HS= 3.095

VS= 1.942

GS= 3.095

CENTROID *

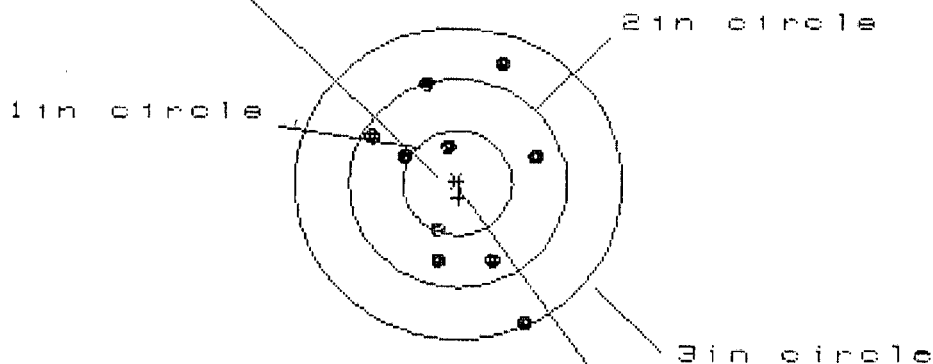
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.525	1.350	.675
MINIMUM X	:	-1.570	-.798	-.629
MAXIMUM Y	:	1.117	1.084	1.044
MINIMUM Y	:	-.825	-.858	-.898
CENTROID X	:	-.139	.036	-.133
CENTROID Y	:	.119	.152	.192
POA TO CENTROID in.	:	.183	.156	.234
MIN RADIUS	:	.214	.172	.193
MEAN RADIUS	:	.795	.714	.601
MAX RADIUS	:	1.597	1.388	1.044
HORIZONTAL SPREAD	:	3.095	2.148	1.304
VERTICAL SPREAD	:	1.942	1.942	1.942
EXTREME SPREAD	:	3.095	2.384	1.947
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

8 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6534612

CENTERFIRE PATTERNS # 4

POA



OF SHOTS- 10

IN CIR

1in = 1

2in = 8

3in = 9

HS= 1.541

VS= 2.531

GS= 2.542

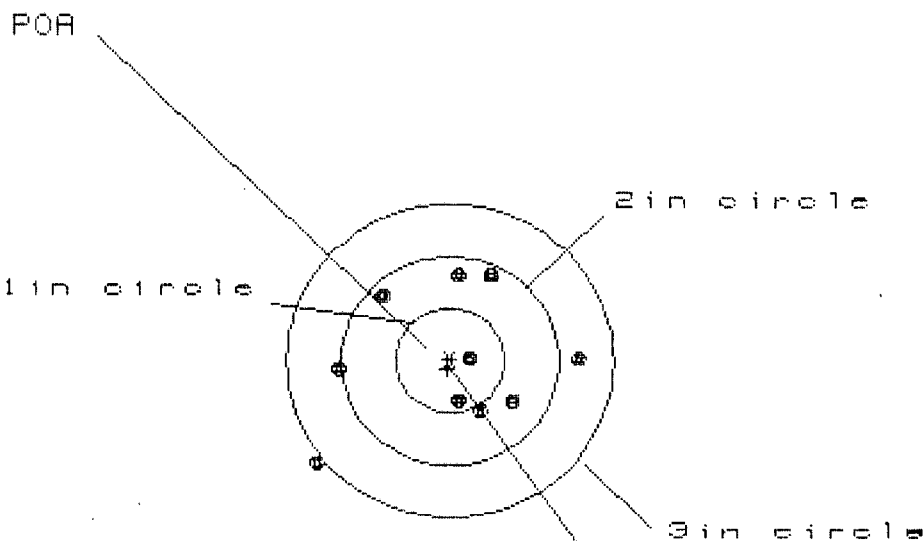
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.730	.799	.855
MINIMUM X	-.811	-.742	-.686
MAXIMUM Y	1.144	.989	.890
MINIMUM Y	-1.387	-.918	-.794
CENTROID X	-.013	-.002	-.138
CENTROID Y	.141	.296	.172
POA TO CENTROID in.	.142	.307	.221
MIN RADIUS	.339	.173	.297
MEAN RADIUS	.835	.733	.684
MAX RADIUS	1.519	1.087	.902
HORIZONTAL SPREAD	1.541	1.541	1.541
VERTICAL SPREAD	2.531	1.907	1.684
EXTREME SPREAD	2.542	1.962	1.778
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	9		

8 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594612

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 8

3in = 9

HS= 2.350

VS= 1.770

GS= 2.569

CENTROID #

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.143	1.009	.595
MINIMUM X	-1.207	-1.121	-.995
MAXIMUM Y	.800	.692	.687
MINIMUM Y	-.970	-.636	-.641
CENTROID X	.024	.158	.032
CENTROID Y	.080	.188	.193
POA TO CENTROID in.	.083	.245	.195
MIN RADIUS	.220	.091	.210
MEAN RADIUS	.800	.701	.673
MAX RADIUS	1.548	1.143	1.020
HORIZONTAL SPREAD	2.350	2.130	1.590
VERTICAL SPREAD	1.770	1.320	1.320
EXTREME SPREAD	2.569	2.138	1.664
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	8	
NUMBER IN THREE INCH CIRCLE	=	9	