

4

C6349225

72

MODEL 700™ M24

Model **SMS**™

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 CSR Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: RE00134983

Serial: C6349225 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 06/19/1990

Repairman:

Verify Repair

Status:

Closed 10/5/2007 8:05:57 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: FB4484 305 APS/TRTC

FB4484 305 APS/TRTC

Address 1: 1757 VANDENBERG AVE

1757 VANDENBERG AVE

Address 2:

PO Box:

PO Box:

City: MCGUIRE AFB

MCGUIRE AFB

State: NJ

Zip Code: 08641-5270

Country: US

State: NJ

Zip Code: 08641-5270

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NN

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qt
A006	Sling Strap	1
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A055	Deployment Kit	1
A057	Fit and Rear Sgt Base	1
NNNN	SCOPE CASE	1

Repair Search

Refresh

Close

nagletj

10/8/2007

11:00 AM

CAPS

NUM

INS

SCRL



2 Micros...

2 Intern...

VAC-DIS-2...

Part Search...

Arms Servi...

11:00 AM

Serial
Number:

C6349225

Model: M24 SWS



RE00134983

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349225.___0

FILE DATE AND TIME: 11/08/2007 06:53

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.062
The Average Y Centroid of the Five Target Set:	-0.044
The Average Point of Impact of the Five Target Set:	0.076
The Average Mean Radius of the Five Target Set:	0.789
The Distance from POA to Centroid Target #1:	0.105
The Distance from Centroid Target #2 to Centroid Target #1:	0.127
The Distance from Centroid Target #3 to Centroid Target #1:	0.142
The Distance from Centroid Target #4 to Centroid Target #1:	0.056
The Distance from Centroid Target #5 to Centroid Target #1:	0.121

BARBER - M24 0110507

SERIAL NUMBER: C6349225. __0

TARGET NUMBER: 1

FILE DATE: 11/08/2007

FILE TIME: 06:53

POINT#	X	Y
1:	-0.207	-0.526
2:	-0.508	-0.916
3:	-0.637	-0.569
4:	-0.184	-0.168
5:	0.664	0.104
6:	0.129	0.083
7:	0.423	0.456
8:	1.180	1.680
9:	-1.423	0.597
10:	0.570	-1.790

X CENTROID: 0.001

Y CENTROID: -0.105

POA TO CENTROID: 0.105

HORZ SPREAD: 2.603

VERT SPREAD: 3.470

GROUP SPREAD: 3.523

MIN RADIUS: 0.195

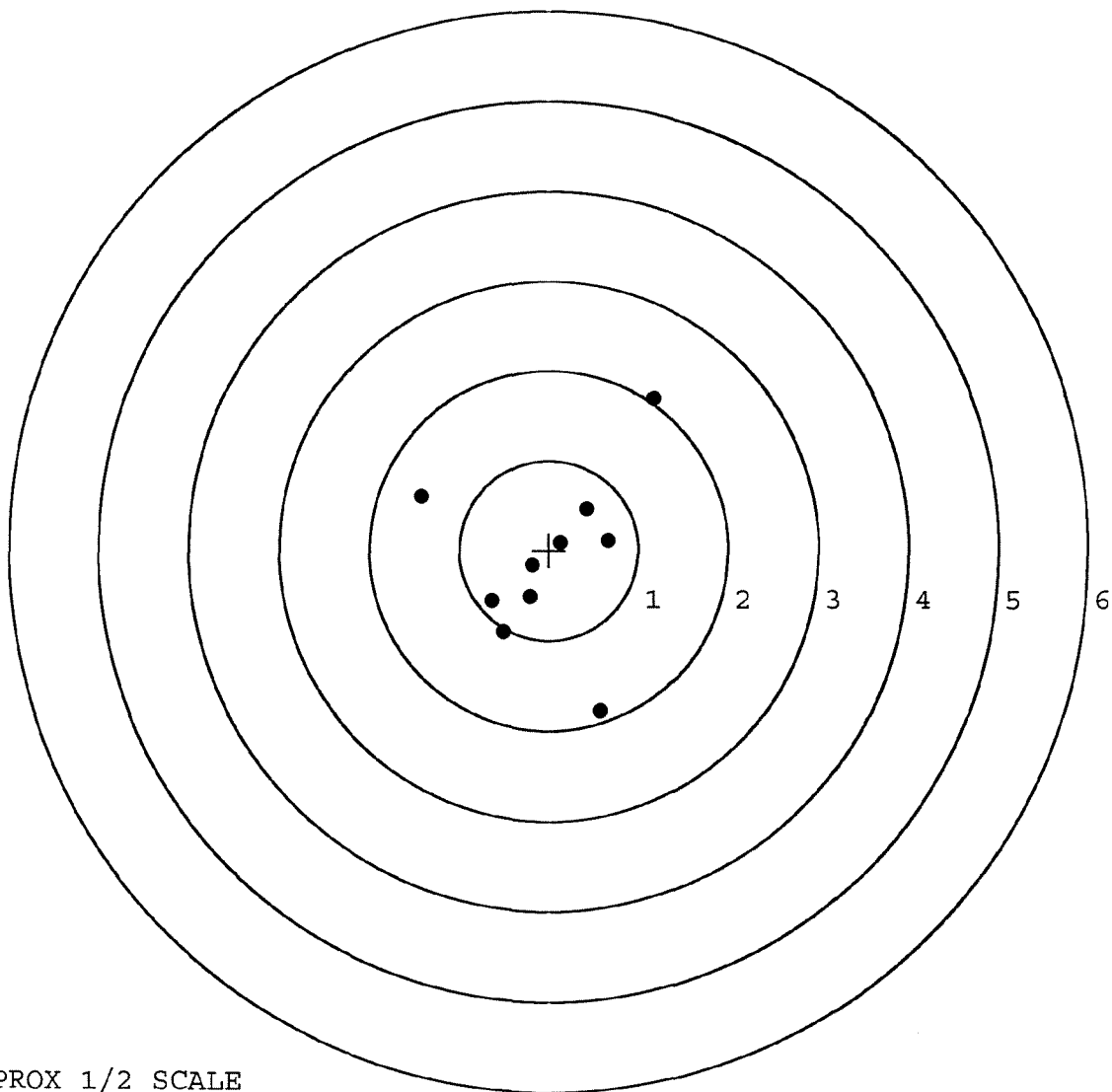
MAX RADIUS: 2.139

MEAN RADIUS: 0.954

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

BARBER - M24 0110508

SERIAL NUMBER: C6349225. __0

TARGET NUMBER: 2

FILE DATE: 11/08/2007

FILE TIME: 06:53

POINT#	X	Y
1:	0.321	-0.861
2:	0.799	0.046
3:	-0.055	-0.175
4:	-0.666	-0.085
5:	-0.741	-0.389
6:	-0.731	-0.573
7:	-0.604	-0.905
8:	0.250	0.549
9:	0.722	0.838
10:	-0.404	1.112

X CENTROID: -0.111

Y CENTROID: -0.044

POA TO CENTROID: 0.119

HORZ SPREAD: 1.540

VERT SPREAD: 2.017

GROUP SPREAD: 2.190

MIN RADIUS: 0.142

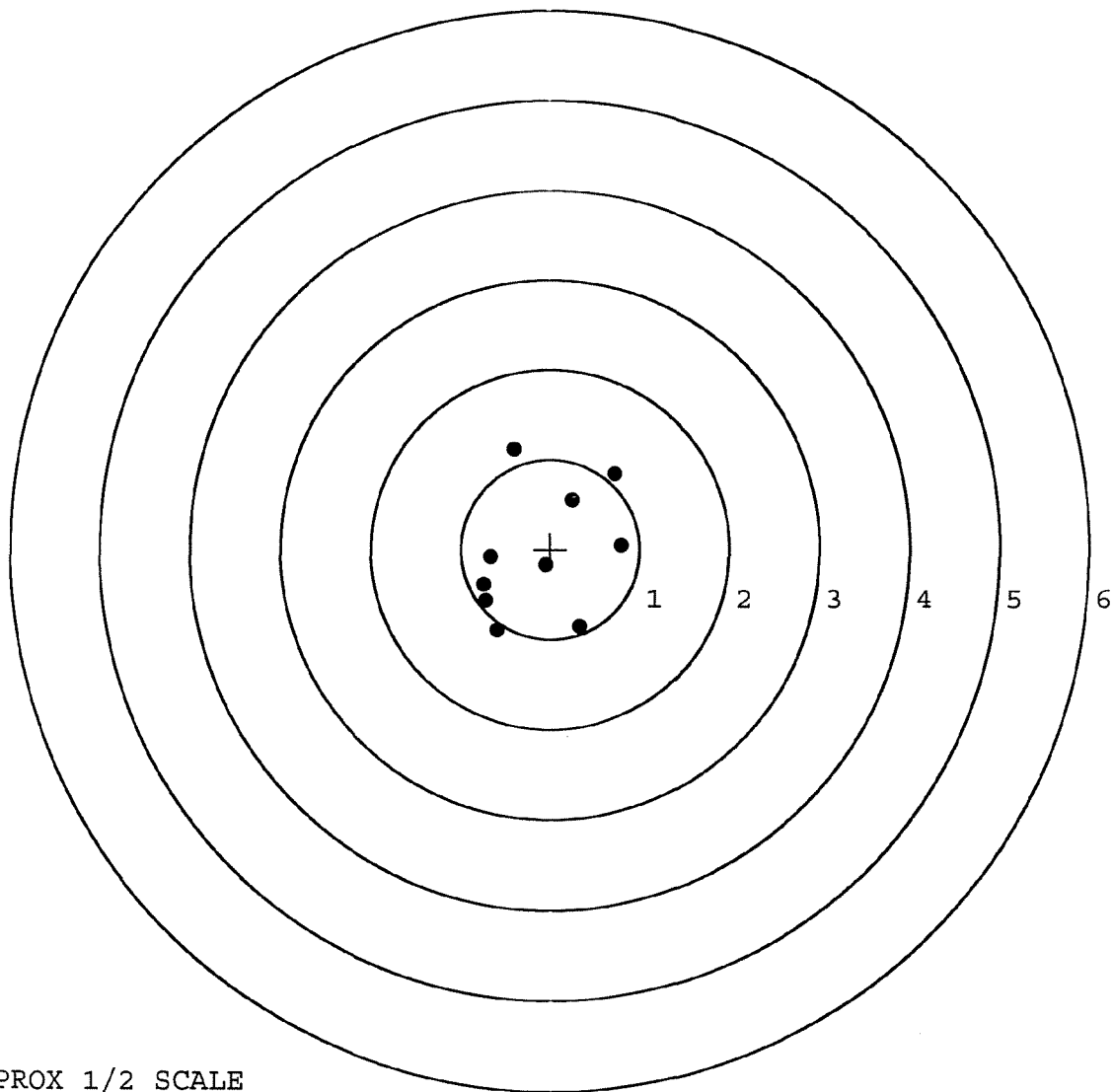
MAX RADIUS: 1.213

MEAN RADIUS: 0.816

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0110509

SERIAL NUMBER: C6349225. __0

TARGET NUMBER: 3

FILE DATE: 11/08/2007

FILE TIME: 06:53

POINT#	X	Y
1:	0.516	-0.573
2:	0.481	0.117
3:	0.609	0.207
4:	-0.398	0.319
5:	-0.663	0.434
6:	-0.695	0.665
7:	0.034	-0.315
8:	-0.173	-0.148
9:	-0.429	-0.265
10:	-0.173	-0.394

X CENTROID: -0.089

Y CENTROID: 0.005

POA TO CENTROID: 0.089

HORZ SPREAD: 1.304

VERT SPREAD: 1.238

GROUP SPREAD: 1.732

MIN RADIUS: 0.174

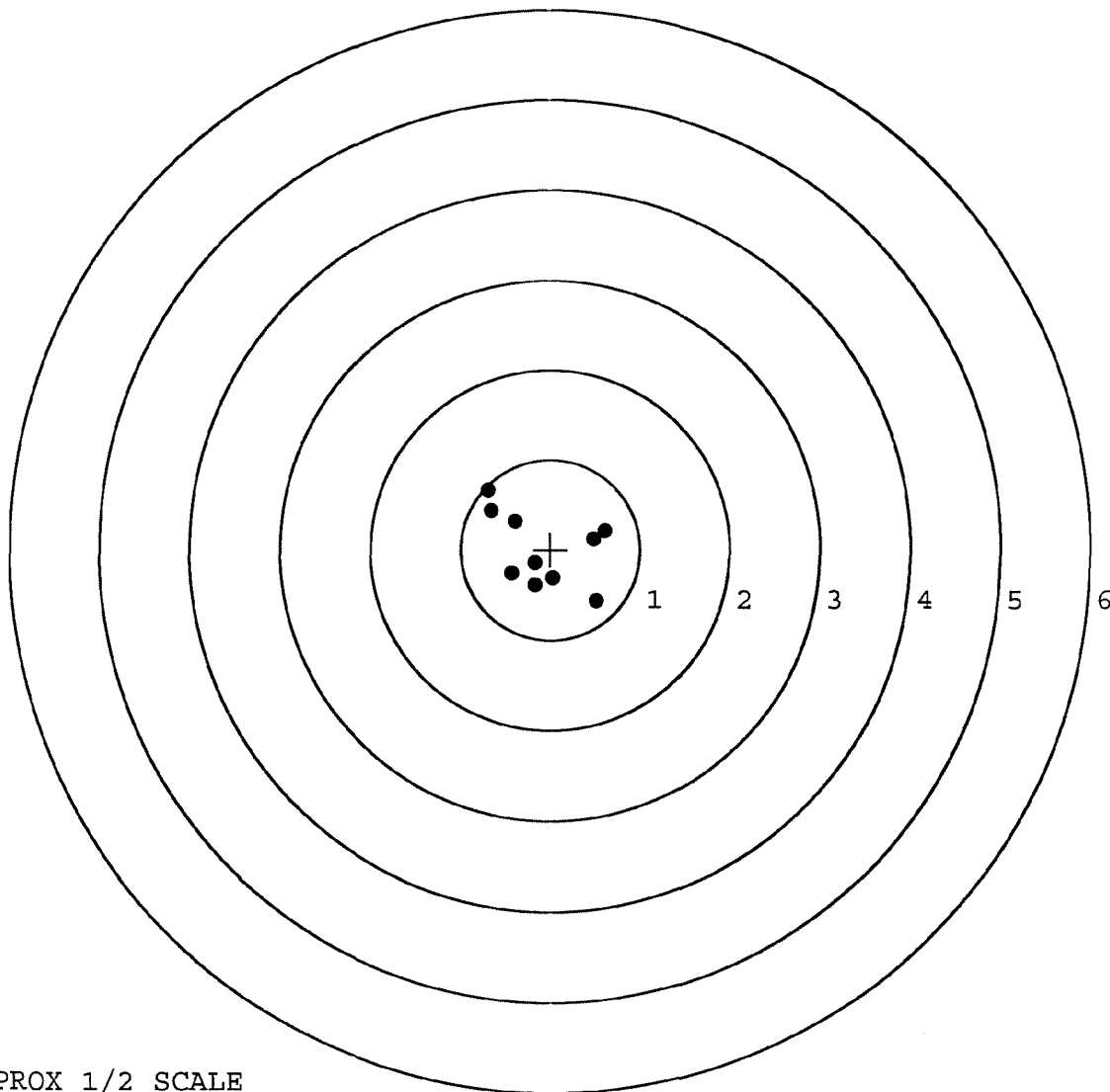
MAX RADIUS: 0.896

MEAN RADIUS: 0.556

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0110510

SERIAL NUMBER: C6349225. __0

TARGET NUMBER: 4

FILE DATE: 11/08/2007

FILE TIME: 06:53

POINT#	X	Y
1:	0.197	0.982
2:	0.346	0.694
3:	-0.127	1.368
4:	0.576	0.073
5:	0.041	-0.366
6:	-0.039	-0.557
7:	-0.525	-0.656
8:	-0.770	-0.290
9:	-0.183	0.212
10:	0.071	-2.136

X CENTROID: -0.041

Y CENTROID: -0.068

POA TO CENTROID: 0.079

HORZ SPREAD: 1.346

VERT SPREAD: 3.504

GROUP SPREAD: 3.510

MIN RADIUS: 0.310

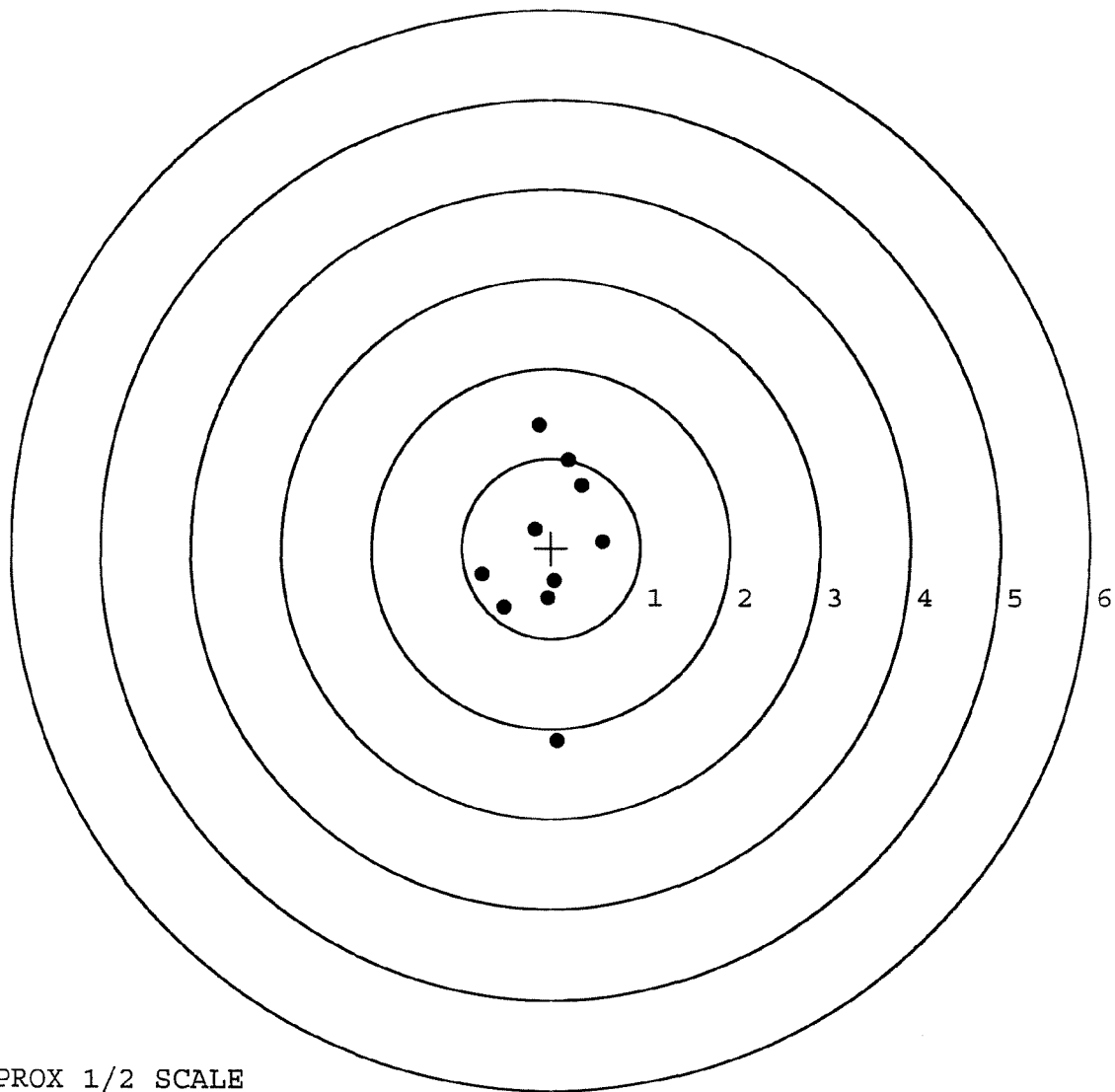
MAX RADIUS: 2.071

MEAN RADIUS: 0.871

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0110511

SERIAL NUMBER: C6349225. __0

TARGET NUMBER: 5

FILE DATE: 11/08/2007

FILE TIME: 06:53

POINT#	X	Y
1:	-0.256	-1.298
2:	-0.182	-0.889
3:	0.038	-0.615
4:	0.076	-0.330
5:	-0.085	-0.386
6:	-0.187	0.214
7:	-0.149	0.537
8:	-0.345	0.925
9:	-0.266	1.097
10:	0.674	0.689

X CENTROID: -0.068

Y CENTROID: -0.006

POA TO CENTROID: 0.068

HORZ SPREAD: 1.019

VERT SPREAD: 2.395

GROUP SPREAD: 2.395

MIN RADIUS: 0.250

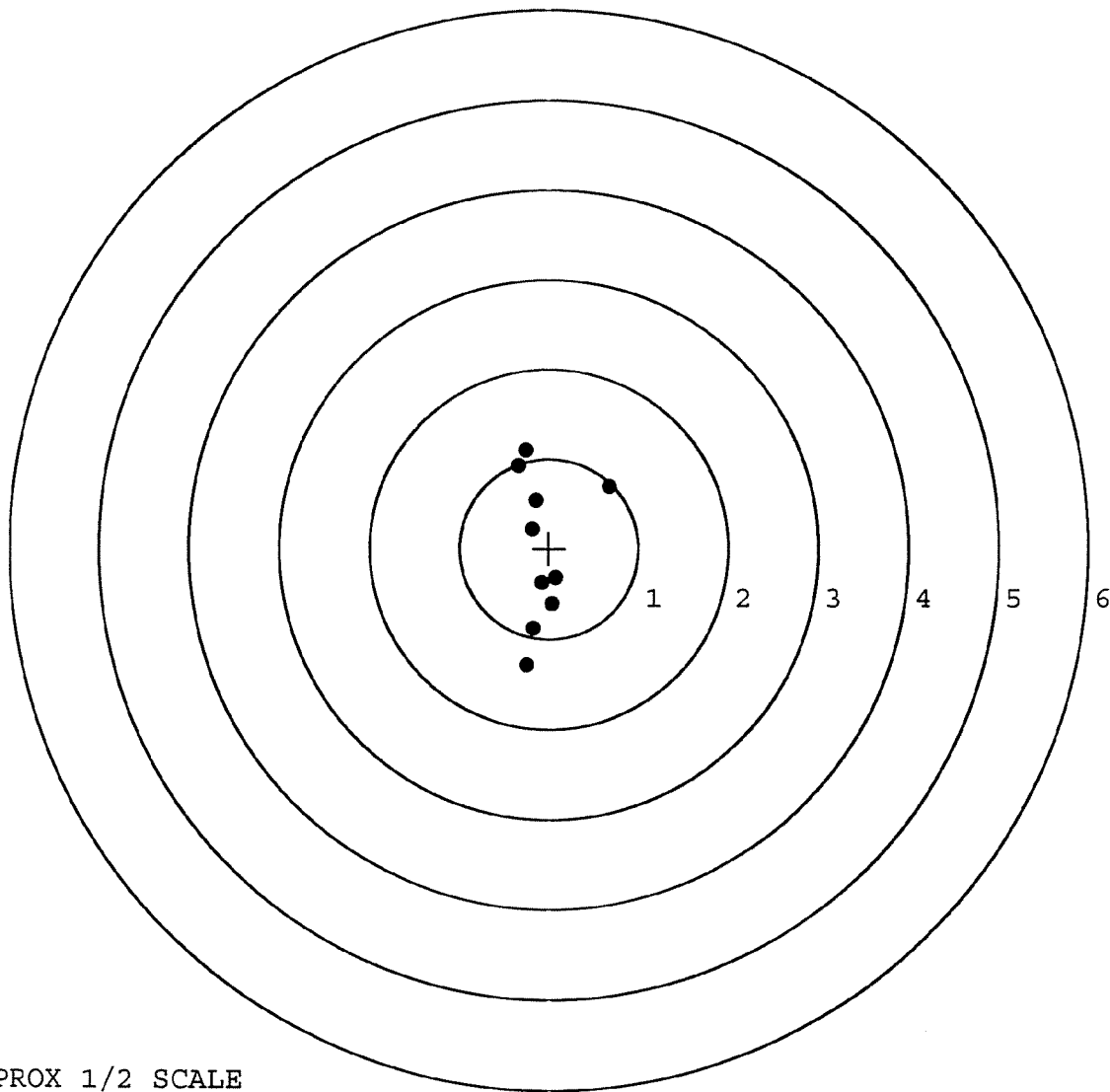
MAX RADIUS: 1.306

MEAN RADIUS: 0.746

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

R & E NUMBER	134983		
SERIAL NUMBER	C6349225		
LOG-IN DATE	10-5-07		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	10-11-07	RTZ
505	RE-BARREL	10-12-07	RTZ
560	ASSEMBLE	10-12-07	RTZ
600	PROOF	10-15-07	TRW
605	CHECK HEADSPACE	MAGNA-FLUX 10-15-07	TRW
610	DIS-ASSEMBLE GUN	10-16-07	RTZ
612	MAGNAFLUX	10-22-07	JB
510	DRILL AND TAP	OPERATOR JB 10-17-07	TRW
615	ROLLMARK CALIBER	10-18-07	CW
618	ROTO-BLAST	10-22-07	dy
620	APPLY COATINGS	10-25-07	CM
625	FINAL ASSEMBLY	10-26-07	RTZ
640	FUNCTION TEST AND	PASS FAIL	11-7-07 TRW
650	TARGET	PASS FAIL	11-7-07 TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	11-7-07 FM
670	FINAL INSPECTION		
	A) HEADSPACE	PASS FAIL	
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	295 295 288 294 298 11-9-07 DA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	52 55 55 11-19-07 DA
	G) SAFETY OFF FORCE	2 LBS MIN	2.5 2.5 2.5 11-19-07 DA
	I) FIRING PIN INDENT	.020	.024 .024 .024 11-19-07 DA
690	PACK		3-10-08 DA

Remington  REG. U.S. PAT. & TM. OFF.

MODEL 700TM M24

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

01

SERIAL NO.
C6349225

ORDER NO.
5716


5716 C6349225

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

UPC


0 47700 25716 7

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 06349225

DATE 3-26-96

TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.44	2.71	2.71	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.54	2.50	2.67	
PULL #3	2.43	2.60	2.61	
PULL #4	2.44	2.60	2.63	
PULL #5	2.55	2.76	2.60	
TOTAL	1240	13.17	13.22	
AVG.	2.48	2.63	2.64	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.20	3.31	
PULL #2	3.38	3.27	
PULL #3	3.29	3.37	
PULL #4	3.30	3.24	
PULL #5	3.21	3.33	
TOTAL	1638	16.52	
AVG.	3.27	3.30	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.29	4.17		4.13
PULL #2	4.21	4.05		4.11
PULL #3	4.29	4.26		4.11
PULL #4	4.25	4.30		4.02
PULL #5	4.30	4.11		4.19
TOTAL	2134	20.89		20.56
AVG.	4.26	4.17		4.11

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06349225
11 Feb 1900

CENTROIDAL DISTANCES

0 TO	1	.703096
1 TO	2	.349824
1 TO	3	.229924
1 TO	4	.453206
1 TO	5	.275975

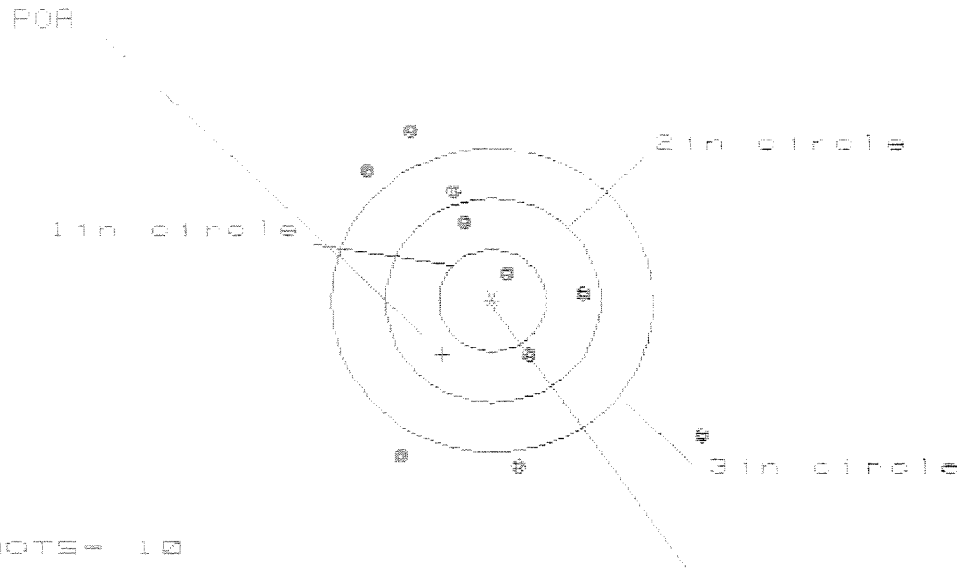
+ ⁴/₃₅ -----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .6142
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .535
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .814535
THE AMR FOR THIS RIFLE IS: 1.053

11 Feb 1968

FILE:/PATTERNING/CENTERFIRE_PATT/08345225

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1in = 1

2in = 4

3in = 5

HS = 3.150

VS = 3.304

GS = 4.092

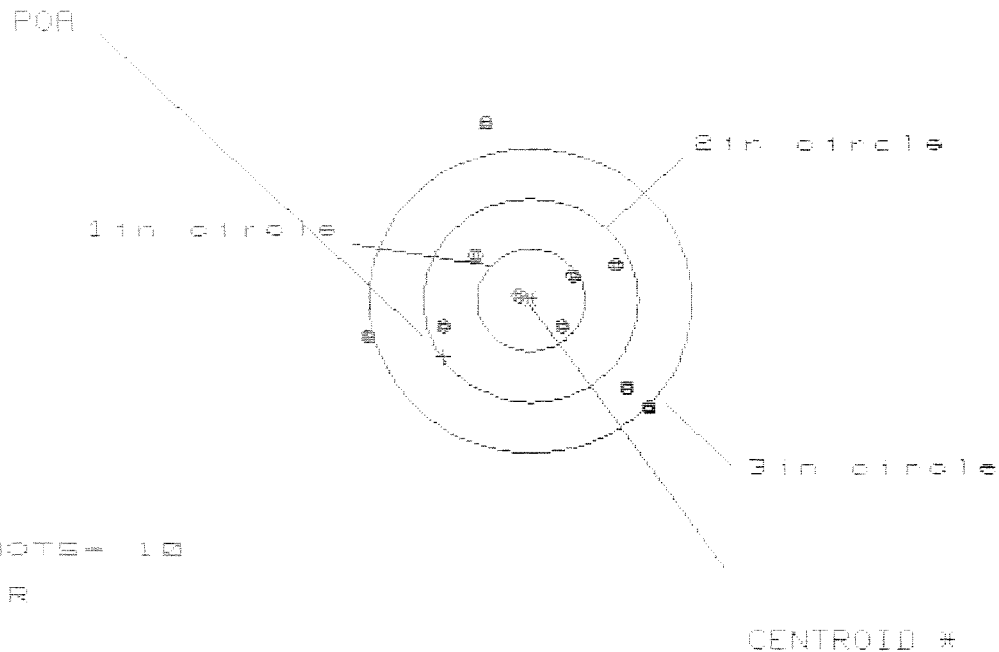
PATTERN #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.986	1.018	.948
MINIMUM X	-1.164	-.944	-1.014
MAXIMUM Y	1.673	1.525	1.271
MINIMUM Y	-1.631	-1.779	-1.589
CENTROID X	.462	.241	.311
CENTROID Y	.530	.678	.488
POA TO CENTROID in.	.703	.720	.579
MIN RADIUS	.288	.337	.397
MEAN RADIUS	1.298	1.163	1.110
MAX RADIUS	2.395	1.828	1.647
HORIZONTAL SPREAD	3.150	1.962	1.962
VERTICAL SPREAD	3.304	3.304	2.860
EXTREME SPREAD	1.092	2.447	2.167
NUMBER IN ONE INCH CIRCLE	=	1	
NUMBER IN TWO INCH CIRCLE	=	4	
NUMBER IN THREE INCH CIRCLE	=	5	

11 Feb 1968

FILE:/PATTERNING/CENTERFIRE_PATT/06349225

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 5

3 in = 8

HD= 2.566

VS= 2.779

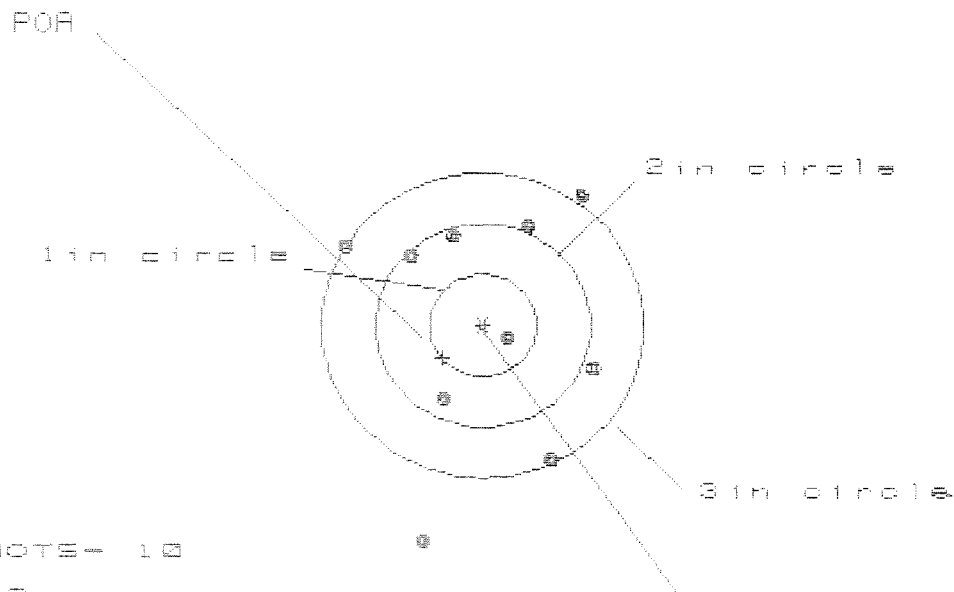
GS= 3.130

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.048	1.004	.889
MINIMUM X	-1.518	-1.562	-1.039
MAXIMUM Y	1.728	.659	.639
MINIMUM Y	-1.051	-.859	-.879
CENTROID X	.811	.855	1.050
CENTROID Y	.554	.362	.382
POA TO CENTROID in.	.982	.928	1.118
MIN RADIUS	.095	.233	.107
MEAN RADIUS	.938	.846	.732
MAX RADIUS	1.772	1.570	1.195
HORIZONTAL SPREAD	2.566	2.566	1.848
VERTICAL SPREAD	2.779	1.518	1.518
EXTREME SPREAD	3.130	2.659	2.203
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

11 Feb 1968

FILE:/PATTERNING/CENTERFIRE_PATT/08349225

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 4

3 in = 8

H= 2.234

V= 3.457

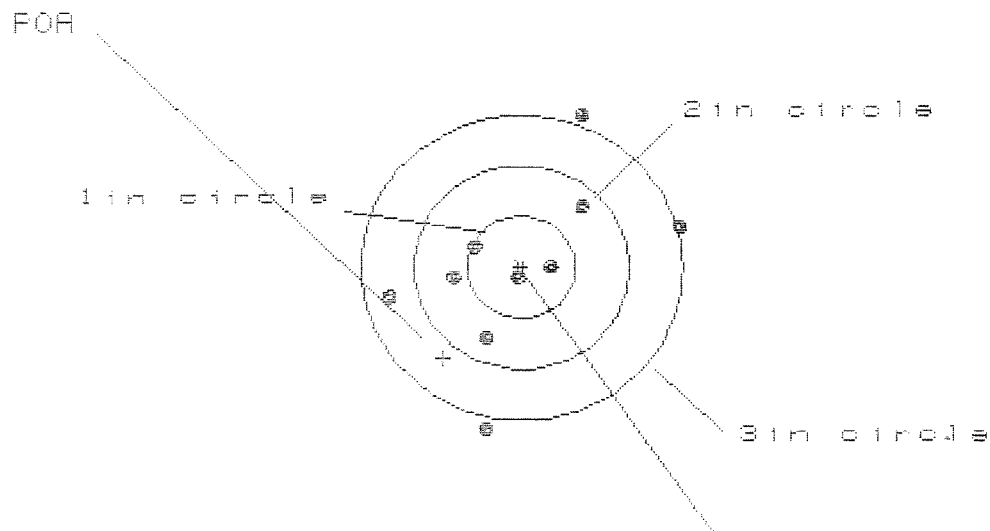
G= 3.778

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.978	.911	1.017
MINIMUM X	-1.256	-1.323	-1.217
MAXIMUM Y	1.325	1.088	.896
MINIMUM Y	-2.132	-1.531	-1.395
CENTROID X	.373	.440	.334
CENTROID Y	.318	.555	.419
POA TO CENTROID in.	.490	.709	.536
MIN RADIUS	.218	.358	.290
MEAN RADIUS	1.188	1.055	1.005
MAX RADIUS	2.217	1.642	1.561
HORIZONTAL SPREAD	2.234	2.234	2.234
VERTICAL SPREAD	3.457	2.619	2.291
EXTREME SPREAD	3.778	2.827	2.827
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

11 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8349825

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 6

3 in = 7

HE= 3.748

VS= 3.101

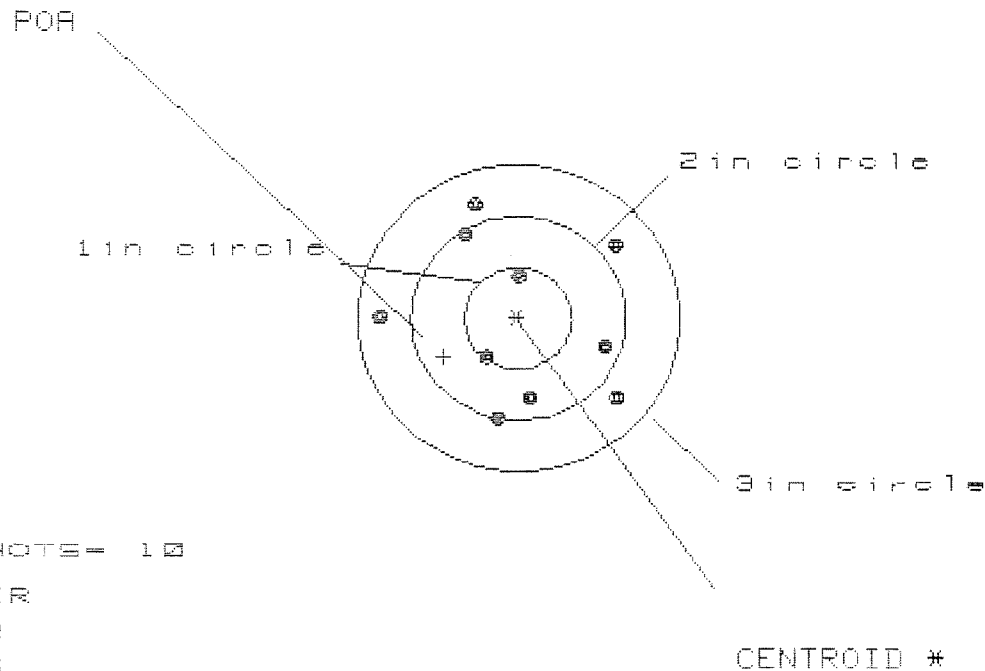
GS= 3.212

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.517	1.577	1.548
MINIMUM X	-1.231	-1.171	-1.200
MAXIMUM Y	1.517	.740	.563
MINIMUM Y	-1.584	-1.415	-.746
CENTROID X	.732	.672	.701
CENTROID Y	.894	.725	.902
FOR TO CENTROID in.	1.156	.989	1.143
MIN RADIUS	.061	.133	.081
MEAN RADIUS	.914	.839	.740
MAX RADIUS	1.612	1.672	1.594
HORIZONTAL SPREAD	2.748	2.748	2.748
VERTICAL SPREAD	3.101	2.155	1.309
EXTREME SPREAD	3.212	2.820	2.820
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		7	

11 Feb 1968

FILE:/PATTERNING/CENTERFIRE_PATT/06349225

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 10

HS= 2.257

VS= 2.090

GS= 2.360

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.915	.756	.696
MINIMUM X	-1.342	-.621	-.691
MAXIMUM Y	1.133	1.139	1.007
MINIMUM Y	-.957	-.951	-.809
CENTROID X	.693	.842	.912
CENTROID Y	.379	.373	.231
POA TO CENTROID in.	.790	.921	.941
MIN RADIUS	.372	.417	.575
MEAN RADIUS	.928	.876	.808
MAX RADIUS	1.343	1.269	1.221
HORIZONTAL SPREAD	2.257	1.387	1.387
VERTICAL SPREAD	2.090	2.090	1.816
EXTREME SPREAD	2.360	2.295	2.111
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6349225

CP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock			
600	Proof			
607.	Check Headspace			
610	Dis-assemble Gun			
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head			
	C) Inspect Ejector Hole for Chamfer			
	D) Oil Firing Pin Ass'y			
	E) Adjust Trigger Pull to Min Setting and Stake			

BARBER - M24 0110523								
op. #	OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	7	7	7	5/6/96	WB		
	G) Safety Off Force	2 1/4	2 1/4	2 1/4	5/6/96	WB		
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.024	.023	.023	5/6/96	WB		
	J) Assemble Stock							
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test							
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection							
	A) Headspace							
	B) Trigger Pull	2.34	2.38	2.44	2.49	2.52	7/16/96	WB
	C) Function							
660	Pack							

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349225

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	3 31	90	RW
600	Proof	3 31	90	RW
607	Check Headspace	3 31	90	RW
610	Dis-assemble Gun	3 31	90	RW
612	Magnaflux Barrel Action	4-2-90		KCR
	Magnaflux Bolt	4-2-90		KCR
615	Rollmark Caliber	4-2-90		LS
617	Drill and Tap Sight Holes		4/4/90	WB
618	Polish Barrel RWB		4/5/90	WB
620	Apply Coatings (Barrel Action)		4-9-90	JA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		5/1/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/1/90	RW
	C) Inspect Ejector Hole for Chamfer		5/1/90	RW
	D) Oil Firing Pin Ass'y		5/1/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/1/90	HL

BARBER - M24 0110525

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			5/18/90	WB
	G) Safety Off Force	2	2	2			5/18/90	WB
	H) Trigger Pull Test & Retainability						5/17/90	JK
	I) Firing Pin Indent	.023	.0235	.024			5/18/90	WB
	J) Assemble Stock						5/18/90	RW
	K) Assemble Swivel Studs						6/15/90	JK
	L) Attach Front and Rear Sight Assemblies						5/18/90	RW
	M) Iron Sight Alignment						5/18/90	RW
	N) Detach Front & Rear Sights & place in numbered container						5/18/90	RW
	O) Attach Scope to Rifle						5/19/90	WB
	P) Detach & Attach Scope 20 Times						5/19/90	WB
640	Gallery Target & Test						5-18-90	DH
	A) Time						5-18-90	DH
	B) Malfunctions						5-18-90	DH
	C) Pierced Primers						5-18-90	DH
	D) Optical Clarity of Scope						5-18-90	DH
645	Inspect for Live Ammo						5-18-90	DH
655	Final Inspection							
	A) Headspace						6/15/90	JK
	B) Trigger Pull	2.69	2.62	2.65	2.76	2.77	6/14/90	JK
	C) Function	2.76	2.31	2.19	2.73	2.19	6/14/90	WB
660	Pack						6-20-90	JK
							6-20-90	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. 06349225

DATE 5/17/90

TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.46	2.29	2.43	2.69 ^{2.26}	MIN. SETTING,
PULL #2	2.46	2.44	2.51	2.62 ^{2.31}	NO AVG. OF 5
PULL #3	2.43	2.40	2.36	2.65 ^{2.19}	READINGS ACCEPT-
PULL #4	2.53	2.41	2.34	2.76 ^{2.23}	ABLE LESS THAN 2#
PULL #5	2.18	2.42	2.37	2.77 ^{2.19}	
TOTAL	12.06	11.96	12.01	7	
AVG.	2.412	2.392	2.402		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.28	3.35		
PULL #2	3.37	3.46		
PULL #3	3.41	3.31		
PULL #4	3.22	3.42		
PULL #5	3.22	3.52		
TOTAL	16.50	17.06		
AVG.	3.3	3.412		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.43	4.33		4.43
PULL #2	4.42	4.38		4.28
PULL #3	4.47	4.47		4.50
PULL #4	4.24	4.18		4.48
PULL #5	4.48	4.18		4.23
TOTAL	22.04	21.54		21.92
AVG.	4.408	4.308		4.384

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349225
18 May 1990

CENTROIDAL DISTANCES

0 TO	1	.382887
1 TO	2	.51364
1 TO	3	.719253
1 TO	4	1.26346
1 TO	5	.788195

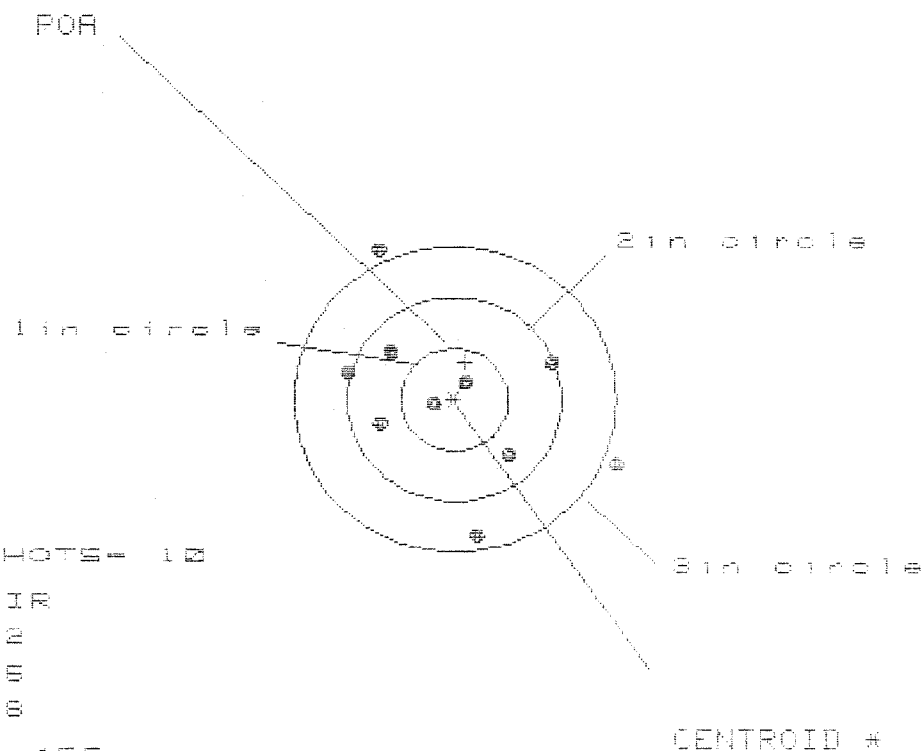
$\frac{3}{12} s^4$ <----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3416
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1036
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .356964
THE AMP FOR THIS RIFLE IS: .9036

18 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08345825

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1in = 2

2in = 6

3in = 8

HS = 2.455

VS = 2.770

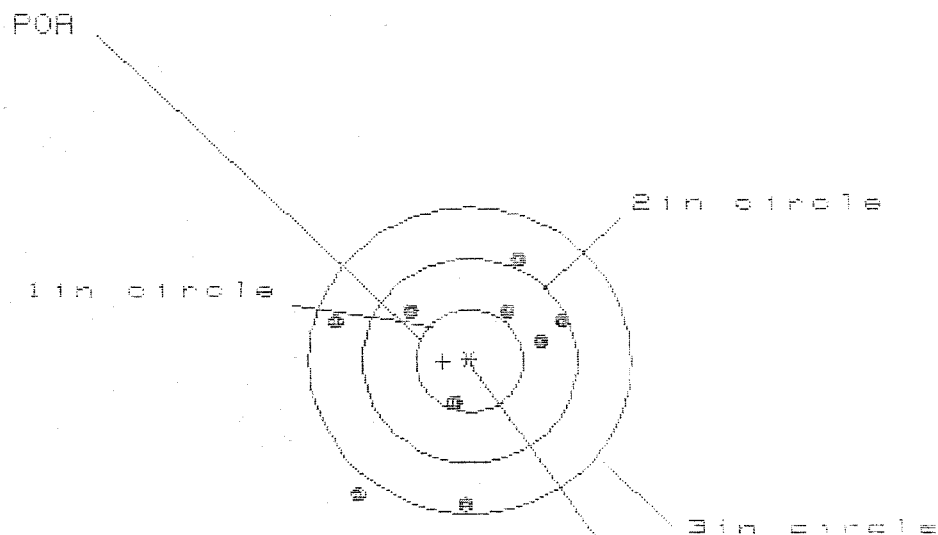
GS = 2.964

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.463	1.387	1.016
MINIMUM X	-0.992	-1.068	-0.895
MAXIMUM Y	1.458	.637	.584
MINIMUM Y	-1.312	-1.150	-1.203
CENTROID X	-0.105	-0.029	-0.202
CENTROID Y	-0.368	-0.530	-0.477
FOR TO CENTROID in.	.383	.531	.518
MIN RADIUS	.144	.292	.134
MEAN RADIUS	.898	.834	.721
MAX RADIUS	1.610	1.451	1.235
HORIZONTAL SPREAD	2.455	2.455	1.911
VERTICAL SPREAD	2.770	1.787	1.787
EXTREME SPREAD	2.964	2.593	1.951
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

18 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08349225

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 1

2in = 6

3in = 9

HS= 2.116

VS= 2.359

GS= 2.699

CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.826	.716	.695
MINIMUM X	:	-1.298	-1.408	-1.421
MAXIMUM Y	:	.955	.810	.617
MINIMUM Y	:	-1.484	-1.549	-1.697
CENTROID X	:	.246	.356	.377
CENTROID Y	:	.087	.152	.345
FOR TO CENTROID in.	:	.246	.387	.511
MIN RADIUS	:	.387	.443	.287
MEAN RADIUS	:	.943	.824	.700
MAX RADIUS	:	1.643	1.557	1.421
HORIZONTAL SPREAD	:	2.116	2.116	2.116
VERTICAL SPREAD	:	2.359	2.359	1.314
EXTREME SPREAD	:	2.699	2.418	2.116
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

18 May 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08349225

CENTERFIRE PATTERNS

3

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 3

2 in = 7

3 in = 8

HS = 2.363

VS = 2.905

GS = 3.295

CENTROID #

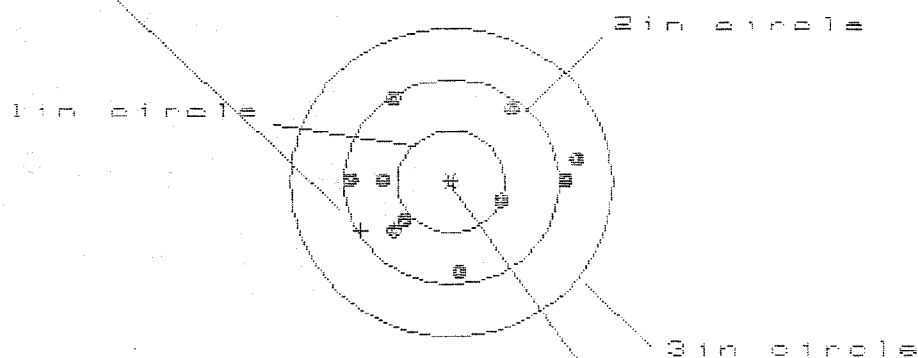
PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	.775
MINIMUM X	-1.588
MAXIMUM Y	.987
MINIMUM Y	-1.918
CENTROID X	.229
CENTROID Y	.269
POA TO CENTROID in.	.354
MIN RADIUS	.220
MEAN RADIUS	.903
MAX RADIUS	1.966
HORIZONTAL SPREAD	2.363
VERTICAL SPREAD	2.905
EXTREME SPREAD	3.295
NUMBER IN ONE INCH CIRCLE	3
NUMBER IN TWO INCH CIRCLE	7
NUMBER IN THREE INCH CIRCLE	8

18 May 1998

FILE://PATTERNING/CENTERFIRE_PATT/06349225

CENTERFIRE PATTERNS # 4

POR



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 0

3 in = 10

HSI = 2.034

VS = 1.707

GS = 2.047

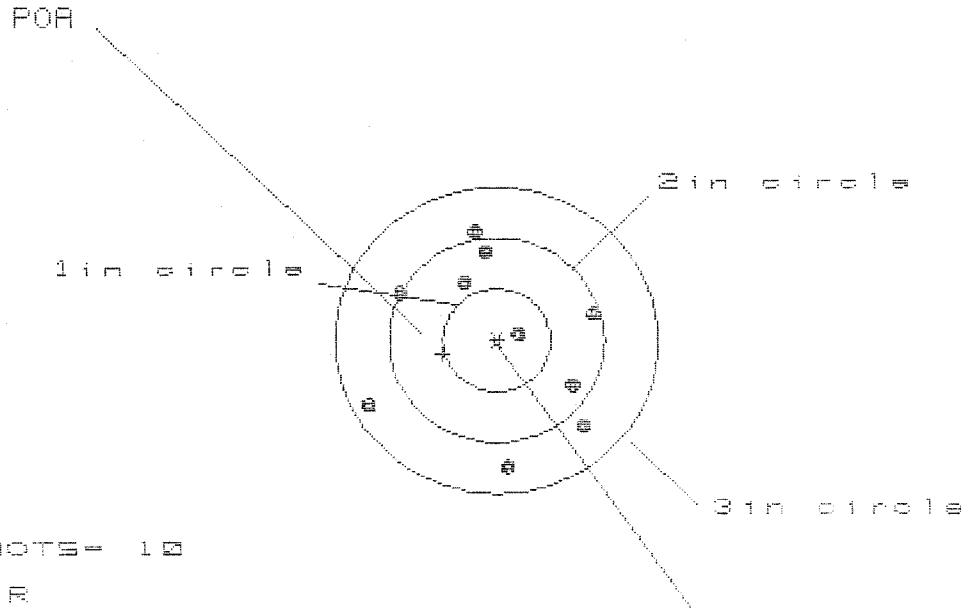
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.138	1.142	.816
MINIMUM X	-.896	-.770	-.627
MAXIMUM Y	.818	.848	.855
MINIMUM Y	-.889	-.859	-.852
CENTROID X	.837	.711	.568
CENTROID Y	.474	.444	.437
POR TO CENTROID in.	.962	.838	.717
MIN RADIUS	.450	.472	.371
MEAN RADIUS	.831	.773	.695
MAX RADIUS	1.169	1.144	1.106
HORIZONTAL SPREAD	2.034	1.912	1.443
VERTICAL SPREAD	1.707	1.707	1.707
EXTREME SPREAD	2.047	1.912	1.797
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	

18 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8349225

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 10

HS= 2.098

VS= 2.367

GS= 2.383

CENTROID *

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.928	.789	.780
MINIMUM X	-1.178	-1.071	-1.080
MAXIMUM Y	1.091	1.017	.848
MINIMUM Y	-1.276	-1.350	-1.082
CENTROID X	.501	.632	.641
CENTROID Y	.136	.210	.379
POA TO CENTROID in.	.519	.666	.744
MIN RADIUS	.240	.112	.228
MEAN RADIUS	.943	.868	.792
MAX RADIUS	1.355	1.352	1.273
HORIZONTAL SPREAD	2.098	1.860	1.860
VERTICAL SPREAD	2.367	2.367	1.930
EXTREME SPREAD	2.383	2.383	2.183
NUMBER IN ONE INCH CIRCLE	=	1	
NUMBER IN TWO INCH CIRCLE	=	5	
NUMBER IN THREE INCH CIRCLE	=	10	