

C6498779

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: **RE00113027** Serial: C6498779 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 5/31/2005 10:20:44 AM

Verify Repair

Address Information

Customer: Received From Return To: Received From

Name: C CO SPT BN SWTG (A) POC JERRY SCREEN C CO SPT BN SWTG (A) POC JERRY SCREEN

Address 1: ARMAMENT FACILITY BLDG D-1307 ARMAMENT FACILITY BLDG D-1307

Address 2: GRUBER ROAD PO Box: GRUBER ROAD PO 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

Phone: NA

Fax:

Email:

Comments:

Received Condition

Fair

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A057	Fit and Rear Sgt Base	1

Repair Search Refresh Close

maglet 5/31/2006 10:30 AM CAPS NUM INS SCRL

start 2 Micros... 2 Micros... 3 Intern... Arms Ser... Part Sear... 10:30 AM

Serial Number: **C6498779**

Model: **M24 SWS**



RE00113027

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6498779.___0
FILE DATE AND TIME: 07/11/2006 08:07

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.018
The Average Y Centroid of the Five Target Set:	-0.178
The Average Point of Impact of the Five Target Set:	0.179
The Average Mean Radius of the Five Target Set:	0.673
The Distance from POA to Centroid Target #1:	0.134
The Distance from Centroid Target #2 to Centroid Target #1:	0.073
The Distance from Centroid Target #3 to Centroid Target #1:	0.146
The Distance from Centroid Target #4 to Centroid Target #1:	0.099
The Distance from Centroid Target #5 to Centroid Target #1:	0.571

BARBER - M24 0007552

SERIAL NUMBER: C6498779. __0

TARGET NUMBER: 1

FILE DATE: 07/11/2006

FILE TIME: 08:07

POINT#	X	Y
1:	0.779	-0.391
2:	0.568	-0.558
3:	-0.126	-0.825
4:	-0.224	-0.279
5:	0.308	-0.211
6:	0.311	-0.029
7:	0.063	0.115
8:	0.255	0.363
9:	-0.596	0.219
10:	-0.405	0.638

X CENTROID: 0.093

Y CENTROID: -0.096

POA TO CENTROID: 0.134

HORZ SPREAD: 1.375

VERT SPREAD: 1.463

GROUP SPREAD: 1.569

MIN RADIUS: 0.213

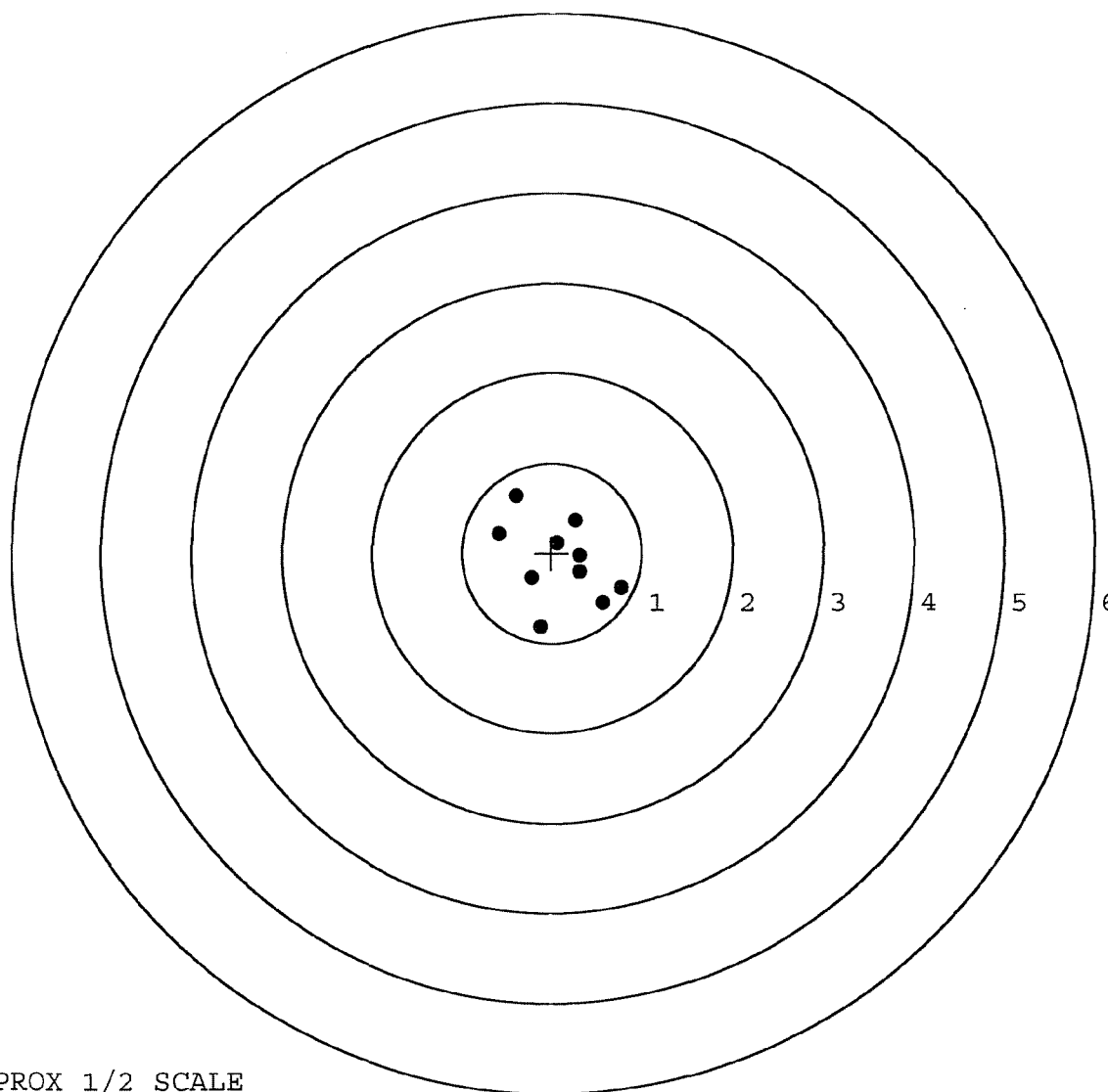
MAX RADIUS: 0.887

MEAN RADIUS: 0.535

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0007553

SERIAL NUMBER: C6498779. __0

TARGET NUMBER: 2

FILE DATE: 07/11/2006

FILE TIME: 08:07

POINT#	X	Y
1:	0.516	-1.056
2:	0.675	-0.651
3:	0.488	0.583
4:	-0.282	1.090
5:	-0.366	0.174
6:	-0.784	-0.077
7:	0.267	-0.293
8:	0.360	-0.116
9:	0.316	0.025
10:	0.093	0.002

X CENTROID: 0.128

Y CENTROID: -0.032

POA TO CENTROID: 0.132

HORZ SPREAD: 1.459

VERT SPREAD: 2.146

GROUP SPREAD: 2.290

MIN RADIUS: 0.049

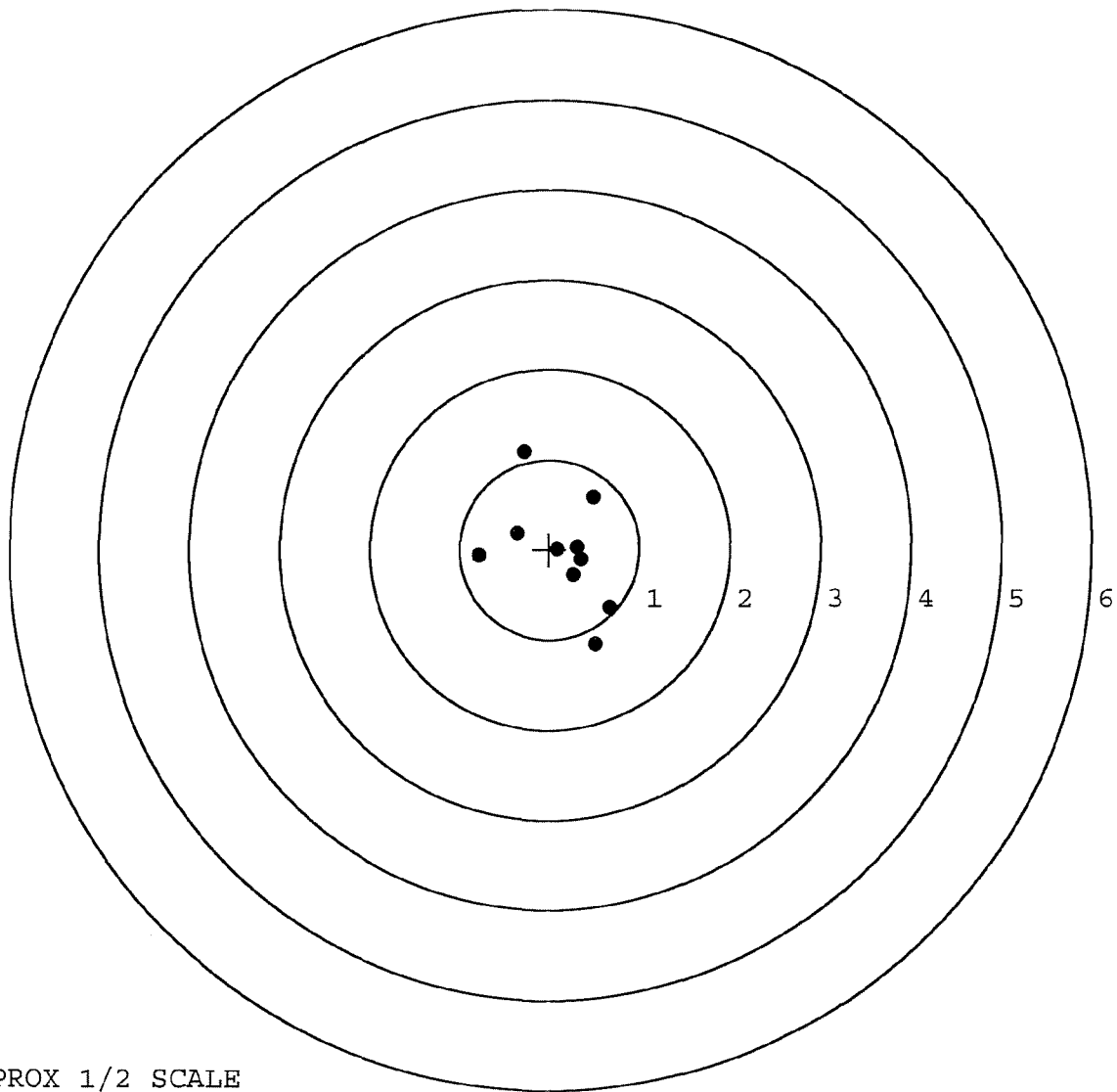
MAX RADIUS: 1.195

MEAN RADIUS: 0.606

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0007554

SERIAL NUMBER: C6498779. 0

TARGET NUMBER: 3

FILE DATE: 07/11/2006

FILE TIME: 08:07

POINT#	X	Y
1:	-0.142	-1.238
2:	-0.265	-0.785
3:	-0.501	0.028
4:	-0.800	0.663
5:	-0.034	-0.058
6:	0.263	0.277
7:	0.473	-0.035
8:	0.458	-0.210
9:	0.373	-0.390
10:	0.168	-0.332

X CENTROID: -0.001

Y CENTROID: -0.208

POA TO CENTROID: 0.208

HORZ SPREAD: 1.273

VERT SPREAD: 1.901

GROUP SPREAD: 2.012

MIN RADIUS: 0.154

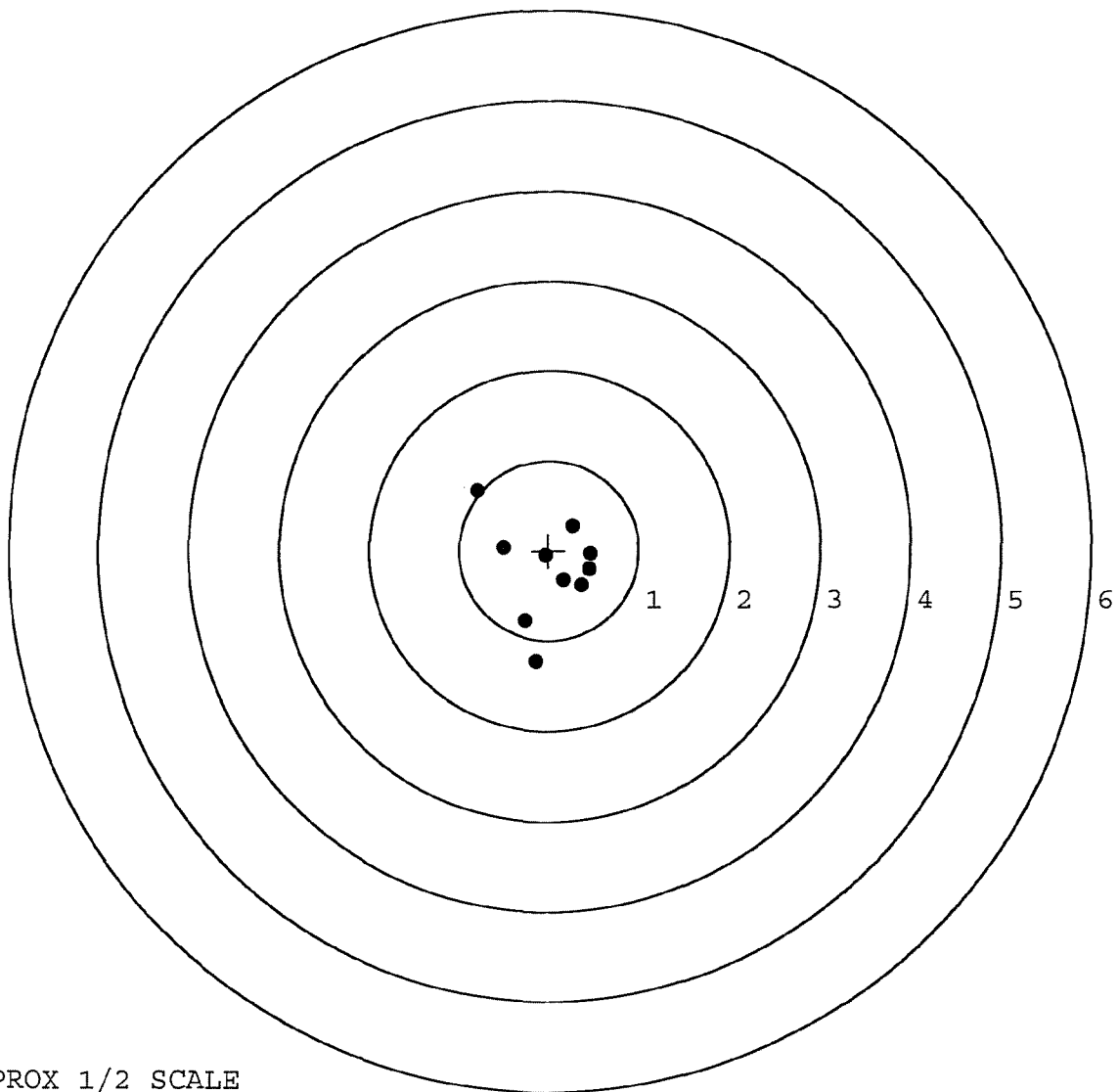
MAX RADIUS: 1.182

MEAN RADIUS: 0.570

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0007555

SERIAL NUMBER: C6498779. __0

TARGET NUMBER: 4

FILE DATE: 07/11/2006

FILE TIME: 08:07

POINT#	X	Y
1:	1.147	-0.640
2:	0.403	-1.069
3:	0.413	-0.287
4:	0.459	0.445
5:	-0.628	0.522
6:	-0.530	-0.169
7:	-0.313	-0.488
8:	-0.135	-0.344
9:	0.006	0.057
10:	0.219	0.026

X CENTROID: 0.104

Y CENTROID: -0.195

POA TO CENTROID: 0.221

HORZ SPREAD: 1.775

VERT SPREAD: 1.591

GROUP SPREAD: 2.122

MIN RADIUS: 0.249

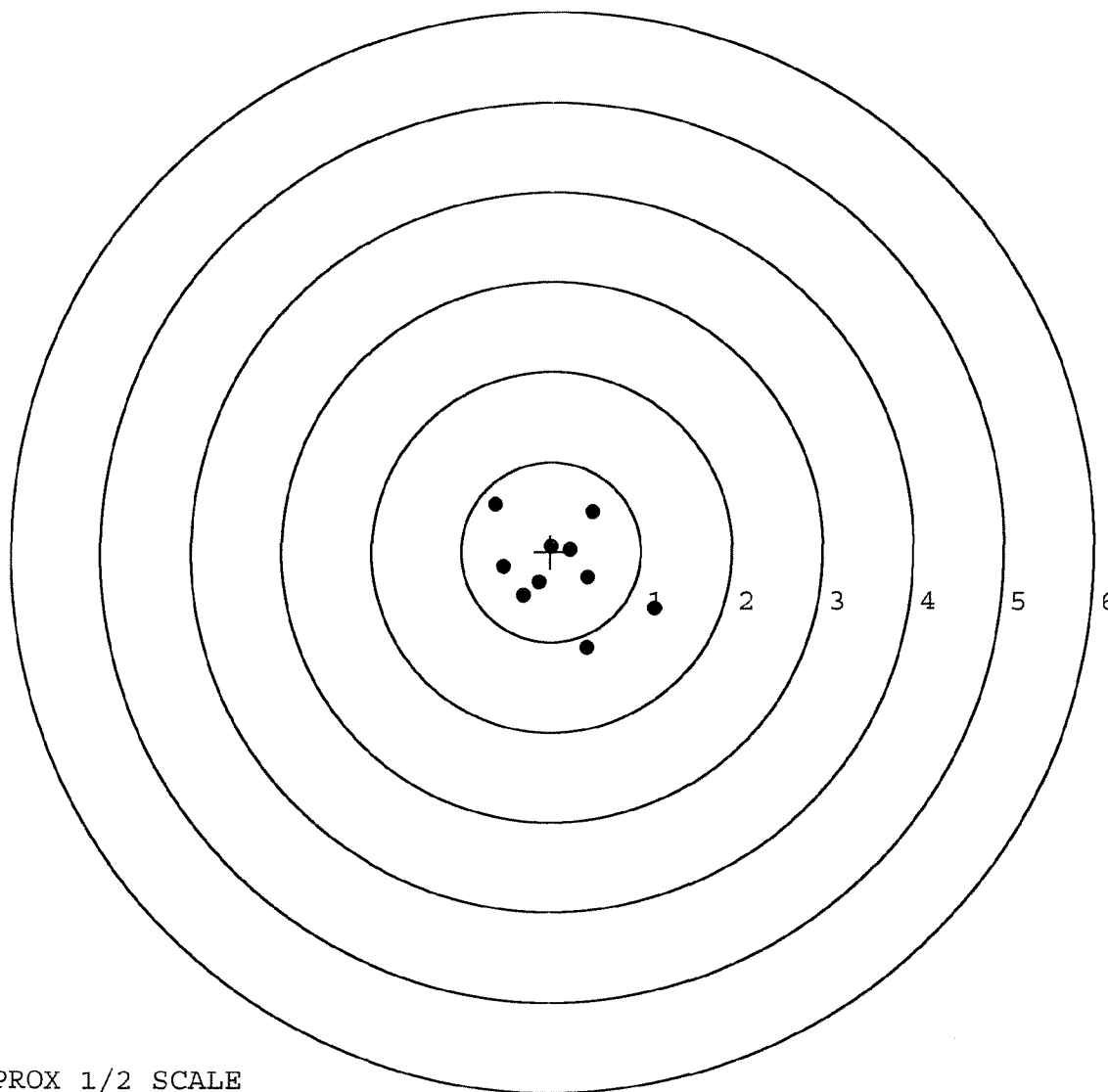
MAX RADIUS: 1.134

MEAN RADIUS: 0.608

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



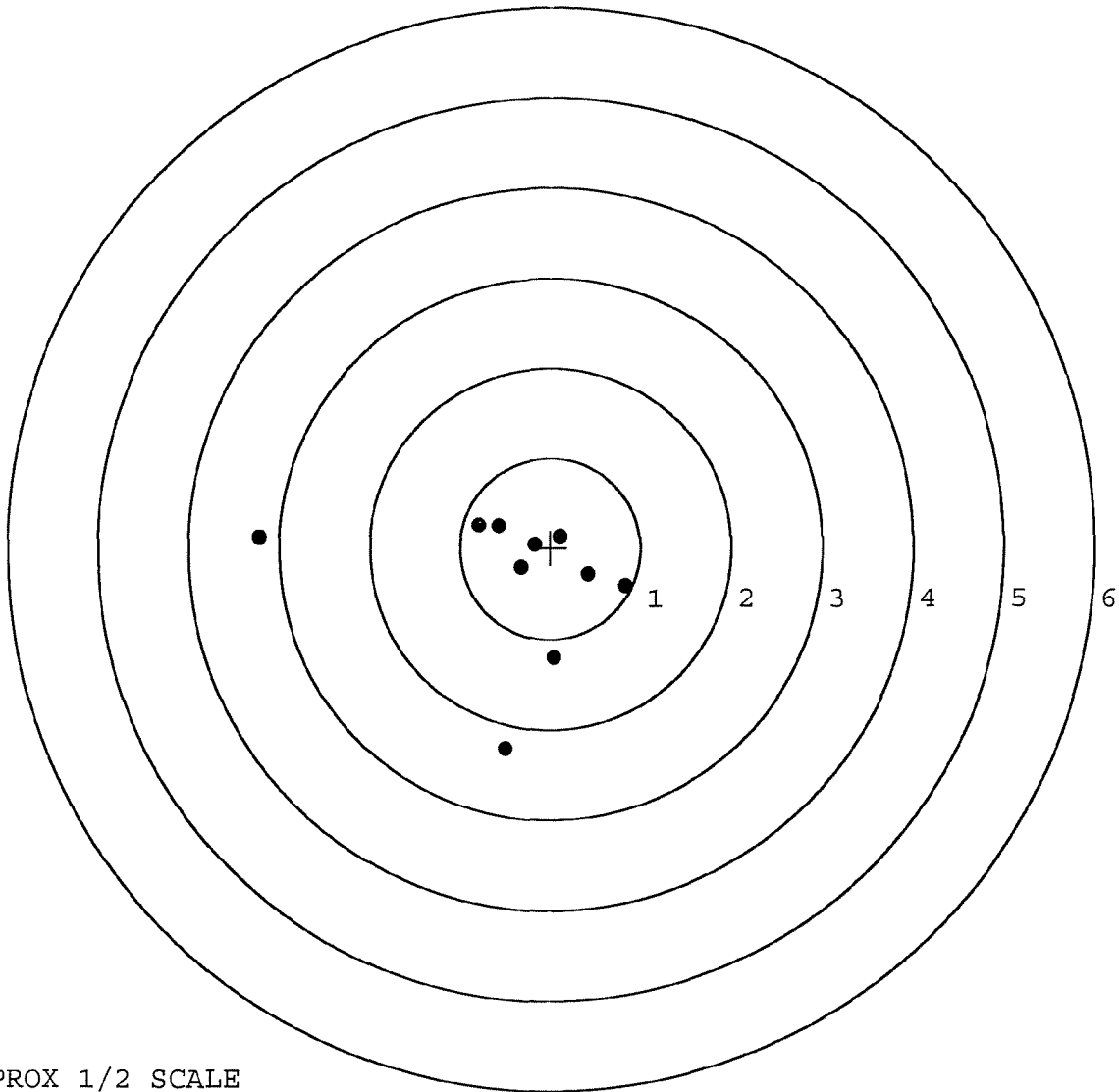
TARGET APPROX 1/2 SCALE

BARBER - M24 0007556

SERIAL NUMBER: C6498779. __0
 TARGET NUMBER: 5
 FILE DATE: 07/11/2006
 FILE TIME: 08:07

POINT#	X	Y
1:	0.838	-0.418
2:	0.425	-0.288
3:	0.048	-1.213
4:	-0.488	-2.218
5:	-3.217	0.113
6:	0.114	0.125
7:	-0.787	0.247
8:	-0.572	0.244
9:	-0.324	-0.215
10:	-0.177	0.035

X CENTROID: -0.414
 Y CENTROID: -0.359
 POA TO CENTROID: 0.548
 HORZ SPREAD: 4.055
 VERT SPREAD: 2.465
 GROUP SPREAD: 4.090
 MIN RADIUS: 0.170
 MAX RADIUS: 2.842
 MEAN RADIUS: 1.045
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50 LBS (plus or minus 0.50 LBS)

3.00 LBS (plus or minus 0.75 LBS)

4.00 LBS (plus or minus 1.00 LBS)

DATE 6-12-06

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	266	258		251	
PULL #2	241	246		242	
PULL #3	244	248		233	
PULL #4	241	251		241	
PULL #5	240	258		256	
TOTAL	1232	1261		1223	
AVERAGE	246	252		244	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	306	311		
PULL #2	313	315		
PULL #3	315	312		
PULL #4	313	315		
PULL #5	314	314		
TOTAL	1561	1567		
AVERAGE	312	313		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	405	398		403
PULL #2	405	387		406
PULL #3	394	400		403
PULL #4	420	403		400
PULL #5	405	405		413
TOTAL	2029	1993		2025
AVERAGE	405	398		405

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER	113027		Foot Bragg	
SERIAL NUMBER	C6498779			
LOG-IN DATE	5-31-06			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		6-20-06	A
505	RE-BARREL		6-21-06	A
560	ASSEMBLE		6-22-06	A
600	PROOF	MAGNA-FLUX INSPECTED	6-22-06	A
605	CHECK HEADSPACE	JUN 27 2006	6-22-06	A
610	DIS-ASSEMBLE GUN		6-22-06	A
612	MAGNAFLUX	OPERATOR <u>CD</u>	6-22-06	APP
510	DRILL AND TAP		6-26-06	TRL
615	ROLLMARK CALIBER		6-27-06	CW
618	ROTO-BLAST		6-29-06	LB
620	APPLY COATINGS		7-1-06	HP
625	FINAL ASSEMBLY		7-10-06	AC
640	FUNCTION TEST AND	PASS FAIL	7-11-06	TRW
650	TARGET	PASS FAIL	7-11-06	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		7-11-06	BO
	A) HEADSPACE	PASS FAIL	7-11-06	WTH
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.40 2.35 2.55 2.40 2.60 7-11-06	WTH
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	7 lbs 7 lbs 7 lbs 7-11-06	WTH
	G) SAFETY OFF FORCE	2 LBS MIN	4 lbs 4 lbs 4 lbs 7-11-06	WTH
	I) FIRING PIN INDENT	.020	.023 .023 .023 7-11-06	WTH
690	PACK		8-4-06	DA

Remington
 MODEL 700™ M24

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

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

SERIAL NO.
 C6498779

ORDER NO.
 5716

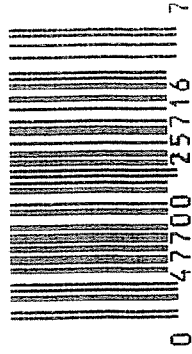
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

01



5716 C6498779

UPC



0

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6498779
24 Aug 1990

CENTROIDAL DISTANCES

0	TO	1	.555234
1	TO	2	.20706
1	TO	3	.774899
1	TO	4	.756636
1	TO	5	.938646

$\begin{matrix} & 43 \\ & + \\ & l_2 \\ 5 \end{matrix}$
 $\leftarrow$ ---- POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2866
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1696
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .333022
 THE AMR FOR THIS RIFLE IS: .6918

24 Aug 1990

FILE:/PATTERNING/CENTERFIRE_PATT/CG49B779

CENTERFIRE PATTERNS # 1

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 4

2in = 10

3in = 10

HS= 1.639

VS= 1.543

GS= 1.773

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.895	.812	.400
MINIMUM X	:	-.744	-.496	-.394
MAXIMUM Y	:	.769	.708	.717
MINIMUM Y	:	-.774	-.835	-.826
CENTROID X	:	.421	.504	.402
CENTROID Y	:	-.362	-.301	-.310
POA TO CENTROID in.	:	.555	.587	.508
MIN RADIUS	:	.053	.140	.107
MEAN RADIUS	:	.564	.535	.482
MAX RADIUS	:	.924	.836	.829
HORIZONTAL SPREAD	:	1.639	1.308	.794
VERTICAL SPREAD	:	1.543	1.543	1.543
EXTREME SPREAD	:	1.773	1.544	1.544
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		10	
NUMBER IN THREE INCH CIRCLE	=		10	

24 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06498779

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 4

2in = 6

3in = 8

HS= 2.794

VS= 2.637

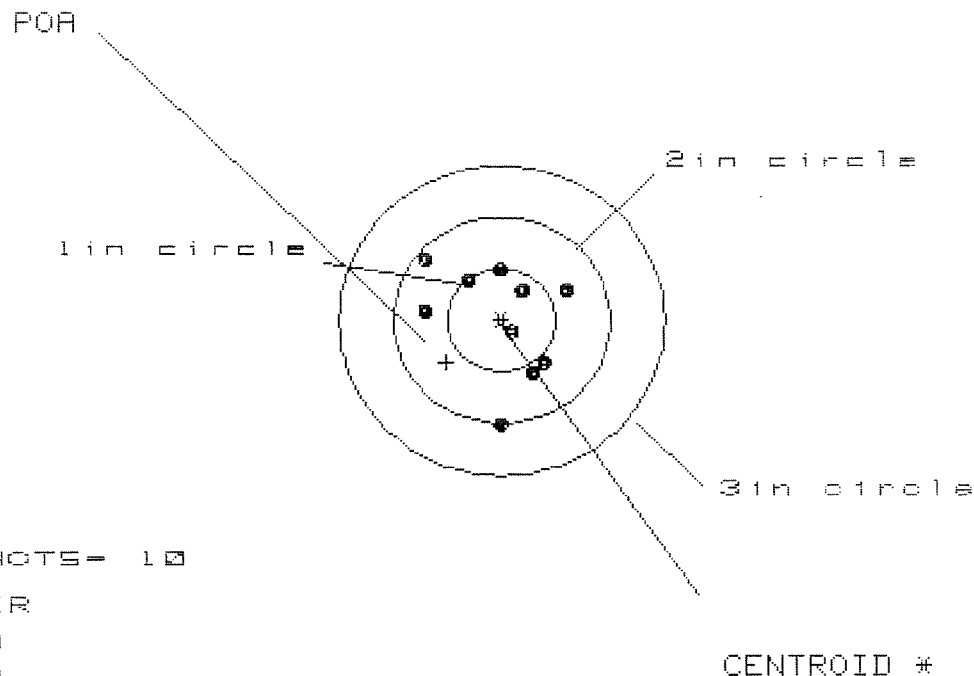
GS= 2.897

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.008	.810	.808
MINIMUM X	:	-1.786	-.533	-.535
MAXIMUM Y	:	1.141	1.064	.868
MINIMUM Y	:	-1.496	-1.573	-.352
CENTROID X	:	.614	.812	.814
CENTROID Y	:	-.437	-.360	-.164
POA TO CENTROID in.	:	.754	.889	.830
MIN RADIUS	:	.088	.192	.250
MEAN RADIUS	:	.801	.657	.545
MAX RADIUS	:	1.914	1.573	.869
HORIZONTAL SPREAD	:	2.794	1.343	1.343
VERTICAL SPREAD	:	2.637	2.637	1.220
EXTREME SPREAD	:	2.897	2.638	1.413
NUMBER IN ONE INCH CIRCLE =			4	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			8	

24 Aug 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C649B779

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 9

3 in = 10

HS= 1.335

VS= 1.563

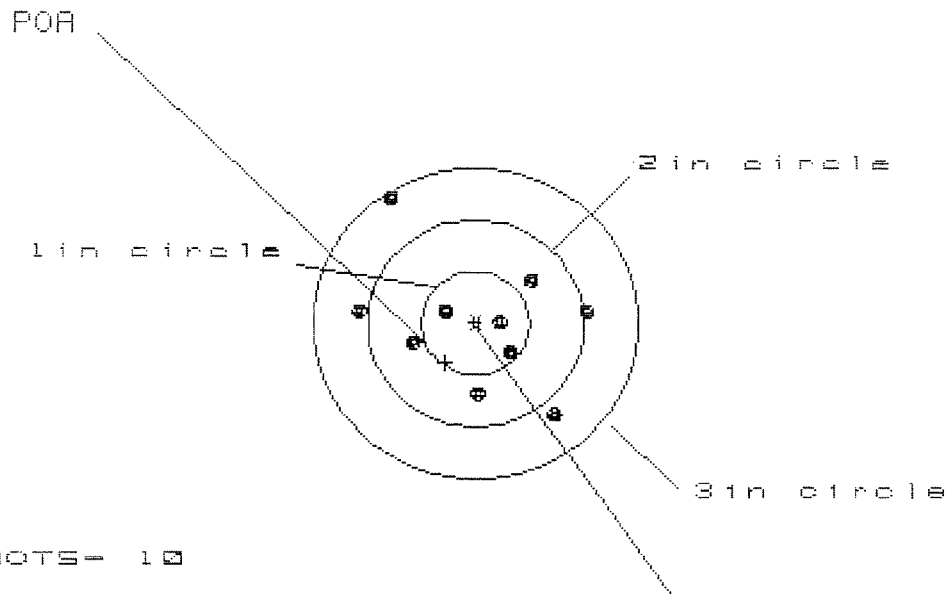
GS= 1.717

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.630	.634	.550
MINIMUM X	-.705	-.701	-.785
MAXIMUM Y	.561	.450	.454
MINIMUM Y	-1.002	-.666	-.610
CENTROID X	.508	.504	.588
CENTROID Y	.408	.519	.463
POA TO CENTROID in.	.651	.724	.749
MIN RADIUS	.168	.248	.158
MEAN RADIUS	.601	.544	.499
MAX RADIUS	1.002	.809	.787
HORIZONTAL SPREAD	1.335	1.335	1.335
VERTICAL SPREAD	1.563	1.116	1.064
EXTREME SPREAD	1.717	1.480	1.347
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		9	
NUMBER IN THREE INCH CIRCLE =		10	

24 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8498779

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 6

3 in = 10

HS= 2.085

VS= 2.051

GS= 2.523

CENTROID *

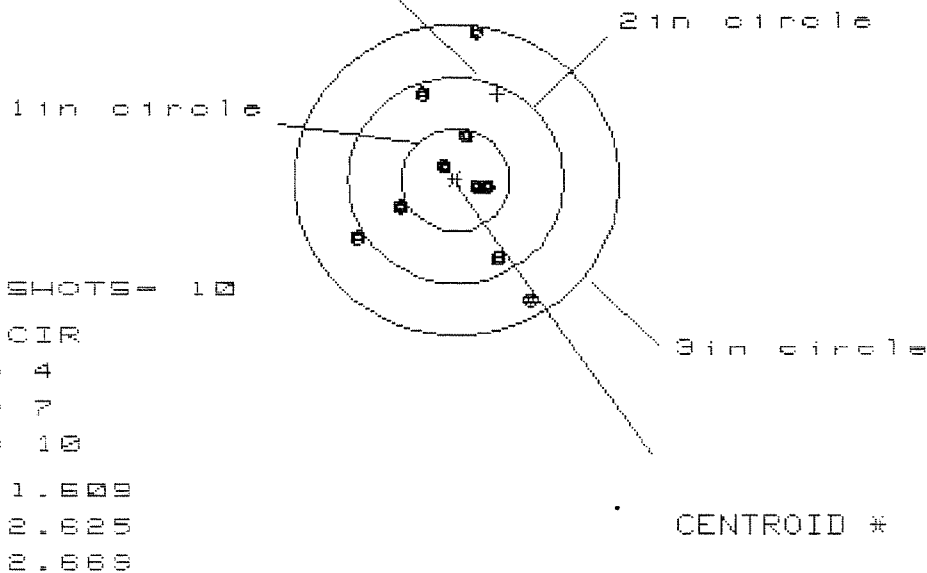
PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.027	.940	1.013
MINIMUM X	-1.058	-1.145	-1.072
MAXIMUM Y	1.209	.587	.498
MINIMUM Y	-.842	-.708	-.681
CENTROID X	.278	.365	.292
CENTROID Y	.381	.247	.336
POA TO CENTROID in.	.472	.441	.445
MIN RADIUS	.216	.232	.221
MEAN RADIUS	.753	.661	.624
MAX RADIUS	1.444	1.165	1.078
HORIZONTAL SPREAD	2.085	2.085	2.085
VERTICAL SPREAD	2.051	1.295	1.180
EXTREME SPREAD	2.523	2.085	2.085
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	

24 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8498779

CENTERFIRE PATTERNS # 5

POA



PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	.718
MINIMUM X	-.891
MAXIMUM Y	1.440
MINIMUM Y	-1.185
CENTROID X	-.388
CENTROID Y	-.838
POA TO CENTROID in.	.924
MIN RADIUS	.200
MEAN RADIUS	.740
MAX RADIUS	1.460
HORIZONTAL SPREAD	1.609
VERTICAL SPREAD	2.625
EXTREME SPREAD	2.668
NUMBER IN ONE INCH CIRCLE =	4
NUMBER IN TWO INCH CIRCLE =	7
NUMBER IN THREE INCH CIRCLE =	10

INTERCHANGEABILITY

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6498779
17 Sep 1990

CENTROIDAL DISTANCES

0 TO	1	.225539
1 TO	2	.0756637
1 TO	3	.130062
1 TO	4	.636453
1 TO	5	.325301

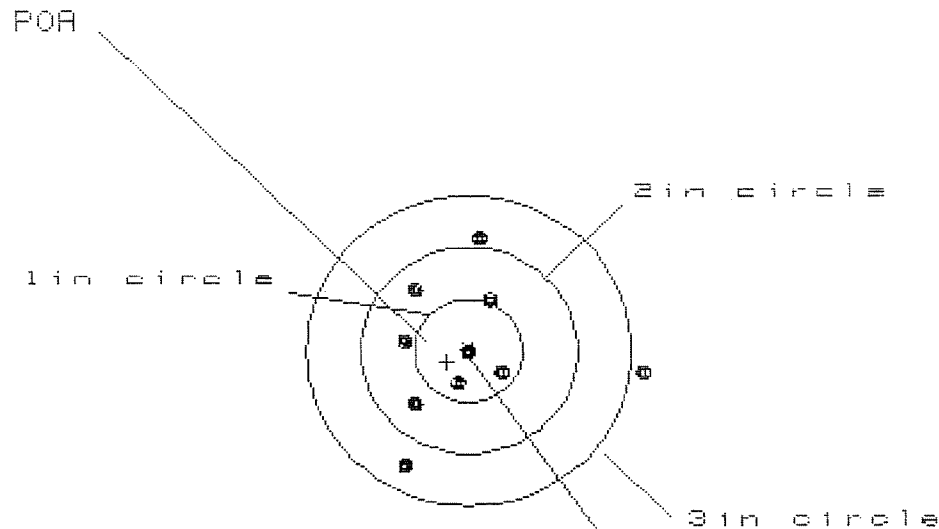
 <----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0492
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0252
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0552782
THE AMR FOR THIS RIFLE IS: .0762

17 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6498779.1

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 9

HS= 2.174

VS= 2.166

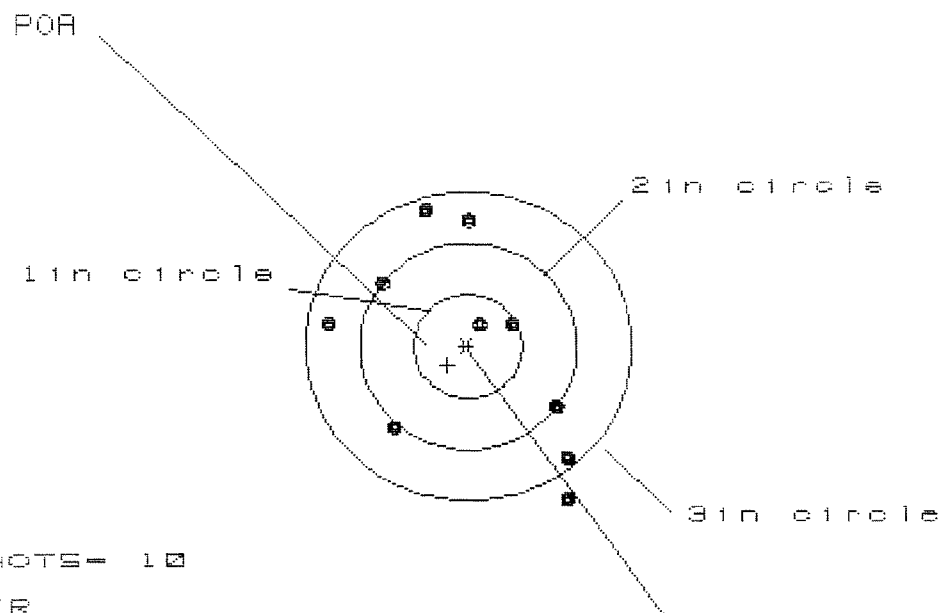
GS= 2.354

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.557	.462	.406
MINIMUM X	-.617	-.443	-.455
MAXIMUM Y	1.061	1.038	.897
MINIMUM Y	-1.105	-1.128	-.658
CENTROID X	.198	.024	.080
CENTROID Y	.108	.131	.272
POA TO CENTROID in.	.225	.133	.283
MIN RADIUS	.024	.193	.203
MEAN RADIUS	.712	.617	.543
MAX RADIUS	1.571	1.212	.933
HORIZONTAL SPREAD	2.174	.905	.861
VERTICAL SPREAD	2.166	2.166	1.555
EXTREME SPREAD	2.354	2.294	1.663
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

17 Sep 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6498779.1

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 3

3 in = 9

HS = 2.222

VS = 2.859

GS = 3.143

CENTROID *

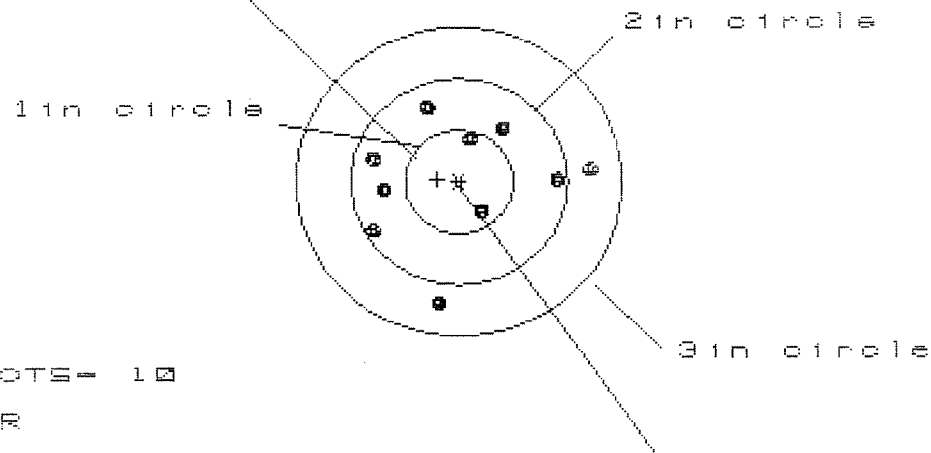
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.917	.986	1.004
MINIMUM X	:	-1.305	-1.203	-1.080
MAXIMUM Y	:	1.355	1.188	1.029
MINIMUM Y	:	-1.504	-1.266	-1.070
CENTROID X	:	.188	.086	-.037
CENTROID Y	:	.183	.350	.509
POA TO CENTROID in.	:	.263	.361	.510
MIN RADIUS	:	.291	.251	.363
MEAN RADIUS	:	1.085	.990	.903
MAX RADIUS	:	1.762	1.605	1.334
HORIZONTAL SPREAD	:	2.222	2.189	2.084
VERTICAL SPREAD	:	2.859	2.454	2.099
EXTREME SPREAD	:	3.143	2.764	2.237
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		9	

17 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8498773.1

CENTERFIRE PATTERNS # 3

POA



OF SHOTS= 10

IN CIR

1in = 2

2in = 8

3in = 10

HS= 1.960

VS= 1.935

GS= 2.020

CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.194	1.063	1.050
MINIMUM X	:	-.766	-.634	-.647
MAXIMUM Y	:	.764	.775	.630
MINIMUM Y	:	-1.171	-1.160	-.595
CENTROID X	:	.194	.062	.075
CENTROID Y	:	-.022	-.033	.112
POA TO CENTROID in.	:	.196	.070	.135
MIN RADIUS	:	.308	.389	.391
MEAN RADIUS	:	.792	.741	.671
MAX RADIUS	:	1.198	1.164	1.058
HORIZONTAL SPREAD	:	1.960	1.697	1.697
VERTICAL SPREAD	:	1.935	1.935	1.225
EXTREME SPREAD	:	2.020	1.938	1.741
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

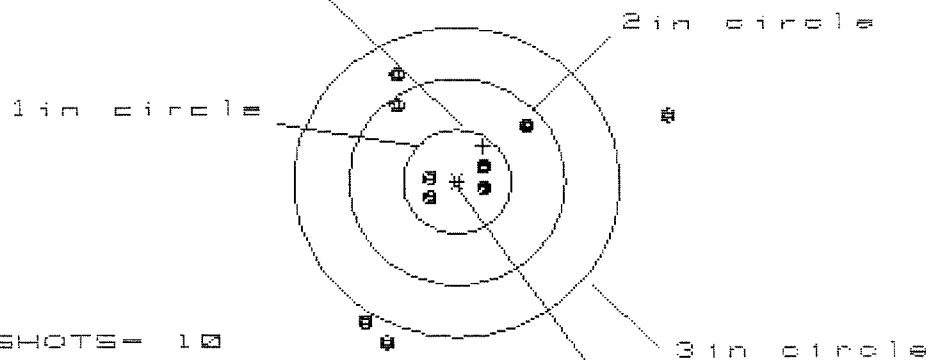
17 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8498779.1

CENTERFIRE PATTERNS

4

POA



OF SHOTS - 10

IN CIR

1 in = 4

2 in = 6

3 in = 7

HS = 2.719

VS = 2.608

GS = 3.349

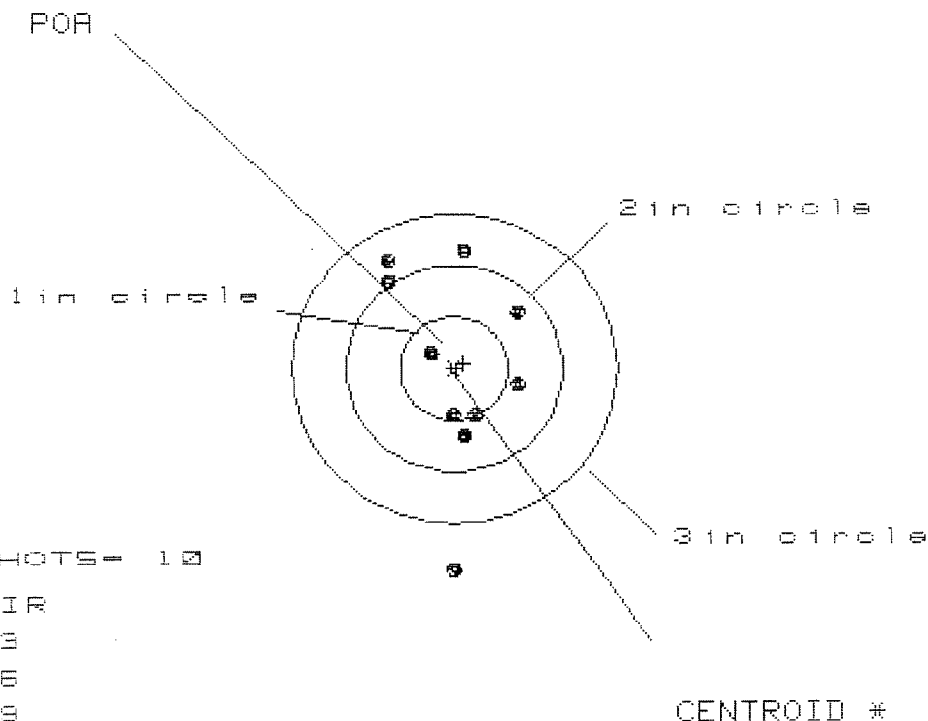
CENTROID #

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.914	.898	.842
MINIMUM X	:	-.805	-.593	-.649
MAXIMUM Y	:	1.091	1.158	.976
MINIMUM Y	:	-1.517	-1.450	-1.467
CENTROID X	:	-.246	-.458	-.402
CENTROID Y	:	-.348	-.415	-.233
POA TO CENTROID in.	:	.426	.618	.464
MIN RADIUS	:	.216	.070	.127
MEAN RADIUS	:	.934	.808	.704
MAX RADIUS	:	2.007	1.520	1.604
HORIZONTAL SPREAD	:	2.719	1.491	1.491
VERTICAL SPREAD	:	2.608	2.608	2.443
EXTREME SPREAD	:	3.349	2.609	2.451
NUMBER IN ONE INCH CIRCLE	=	4		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	7		

17 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C649B773.1

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 6

3 in = 9

HS = 1.248

VS = 3.053

GS = 3.063

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.594	.596	.522
MINIMUM X	-.654	-.652	-.726
MAXIMUM Y	1.113	.897	1.003
MINIMUM Y	-1.940	-.851	-.745
CENTROID X	-.088	-.090	-.016
CENTROID Y	-.047	.169	.063
POA TO CENTROID in.	.099	.191	.065
MIN RADIUS	.283	.262	.323
MEAN RADIUS	.858	.740	.683
MAX RADIUS	1.940	1.033	1.008
HORIZONTAL SPREAD	1.248	1.248	1.248
VERTICAL SPREAD	3.053	1.748	1.748
EXTREME SPREAD	3.063	1.832	1.748
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6498779

DATE Aug 18, 1970

TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.56	2.44	2.20	2.36	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.53	2.38	2.15	2.42	
PULL #3	2.54	2.40	2.13	2.42	
PULL #4	2.55	2.32	2.17	2.44	
PULL #5	2.60	2.32	2.18	2.42	
TOTAL	12.78	11.86	10.83	12.06	
AVG.	2.55	2.37	2.16	2.412	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.13	3.19		
PULL #2	3.12	3.14		
PULL #3	3.08	3.07		
PULL #4	3.09	3.13		
PULL #5	3.05	3.12		
TOTAL	15.47	15.65		
AVG.	3.09	3.13		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.25	4.50		4.32
PULL #2	4.37	4.33		4.37
PULL #3	4.45	4.32		4.31
PULL #4	4.39	4.26		4.26
PULL #5	4.42	4.32		4.31
TOTAL	21.88	21.73		21.57
AVG.	4.37	4.35		4.31

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6498779

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	6 29 90	RW
600	Proof		6 29 90	RW
607	Check Headspace		6 29 90	RW
610	Dis-assemble Gun		6 29 90	RW
612	Magnaflux Barrel Action		7-12-90	KR
	Magnaflux Bolt		7-12-90	KR
615	Rollmark Caliber		7-12-90	E.S.
617	Drill and Tap Sight Holes		7/13/90	WB
618	Polish Barrel AB		7/16/90	FB
620	Apply Coatings (Barrel Action)		7-23-90	TA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		7/25/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/25/90	RW
	C) Inspect Ejector Hole for Chamfer		7/25/90	RW
	D) Oil Firing Pin Ass'y		7/25/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8/10/90	WB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 1/2	4 1/2	4 1/2			8/18/90	WB
	G) Safety Off Force	2 1/4	2 1/4	2 1/4			8/18/90	WB
	H) Trigger Pull Test & Retainability						8/18/90	WB
	I) Firing Pin Indent	.022 .023	.0225 .0225	.023 .023			8/18/90	WB
	J) Assemble Stock						8/23/90	RW
	K) Assemble Swivel Studs						8/31/90	JS
	L) Attach Front and Rear Sight Assemblies						8/23/90	RW
	M) Iron Sight Alignment						8/23/90	RW
	N) Detach Front & Rear Sights & place in numbered container						8/23/90	RW
	O) Attach Scope to Rifle						8/23/90	RW
	P) Detach & Attach Scope 20 Times						8/23/90	RW
640	Gallery Target & Test						8/23/90	RJ
	A) Time						8/23/90	RJ
	B) Malfunctions						8/23/90	RJ
	C) Pierced Primers						8/23/90	RJ
	D) Optical Clarity of Scope						8/23/90	RJ
645	Inspect for Live Ammo						8/23/90	RJ
655	Final Inspection							
	A) Headspace						8/31/90	JS
	B) Trigger Pull	2.36	2.42	2.42	2.44	2.42	8/31/90	RJ
	C) Function						8/31/90	JS
660	Pack						9-18-90	AC

2.34

2.23

2.26

2.23

2.21