

06498779

MODEL 700TM N24

Model SWSTM

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

M2400007588

CONFIDENTIAL SUBJECT TO PROTECTIVE ORDER

Closed 5/31/2006 10:20:44 AM

Verify Repair

Customer:

Received From

Return To:

Received From

C CO SPT BN SWTG (A) POC JERRY SCREEN

ARMAMENT FACILITY BLDG D-1307

PO Box:

GRUBER ROAD

PO Box

City: FORT BRAGG

FORT BRAGG

State: IN

Zip Code: 28310

Country: US

State: NC

Zip Code: 28310

Country US

FFL:

Shipping / Billing

Accessories Received

Phone: NA

Fax:

Email:

Comments:

Fair

Condition
Notes:

CSR
Notes

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

naqlet

5/31/2006

10:30 AM

C4F3

NUM	DATE	DESCRIPTION	AMOUNT	CHECK NO.	BANK	INITIALS
1	10/1/78	...	...	...	...	...
2	10/2/78	...	...	...	...	...
3	10/3/78	...	...	...	...	...
4	10/4/78	...	...	...	...	...
5	10/5/78	...	...	...	...	...
6	10/6/78	...	...	...	...	...
7	10/7/78	...	...	...	...	...
8	10/8/78	...	...	...	...	...
9	10/9/78	...	...	...	...	...
10	10/10/78	...	...	...	...	...
11	10/11/78	...	...	...	...	...
12	10/12/78	...	...	...	...	...
13	10/13/78	...	...	...	...	...
14	10/14/78	...	...	...	...	...
15	10/15/78	...	...	...	...	...
16	10/16/78	...	...	...	...	...
17	10/17/78	...	...	...	...	...
18	10/18/78	...	...	...	...	...
19	10/19/78	...	...	...	...	...
20	10/20/78	...	...	...	...	...
21	10/21/78	...	...	...	...	...
22	10/22/78	...	...	...	...	...
23	10/23/78	...	...	...	...	...
24	10/24/78	...	...	...	...	...
25	10/25/78	...	...	...	...	...
26	10/26/78	...	...	...	...	...
27	10/27/78	...	...	...	...	...
28	10/28/78	...	...	...	...	...
29	10/29/78	...	...	...	...	...
30	10/30/78	...	...	...	...	...
31	10/31/78	...	...	...	...	...

INS

SCPL

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

SERIAL NUMBER: C6498779. 0

TARGET NUMBER: 1

FILE DATE: 07/11/2006

FILE TIME: 08:07

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

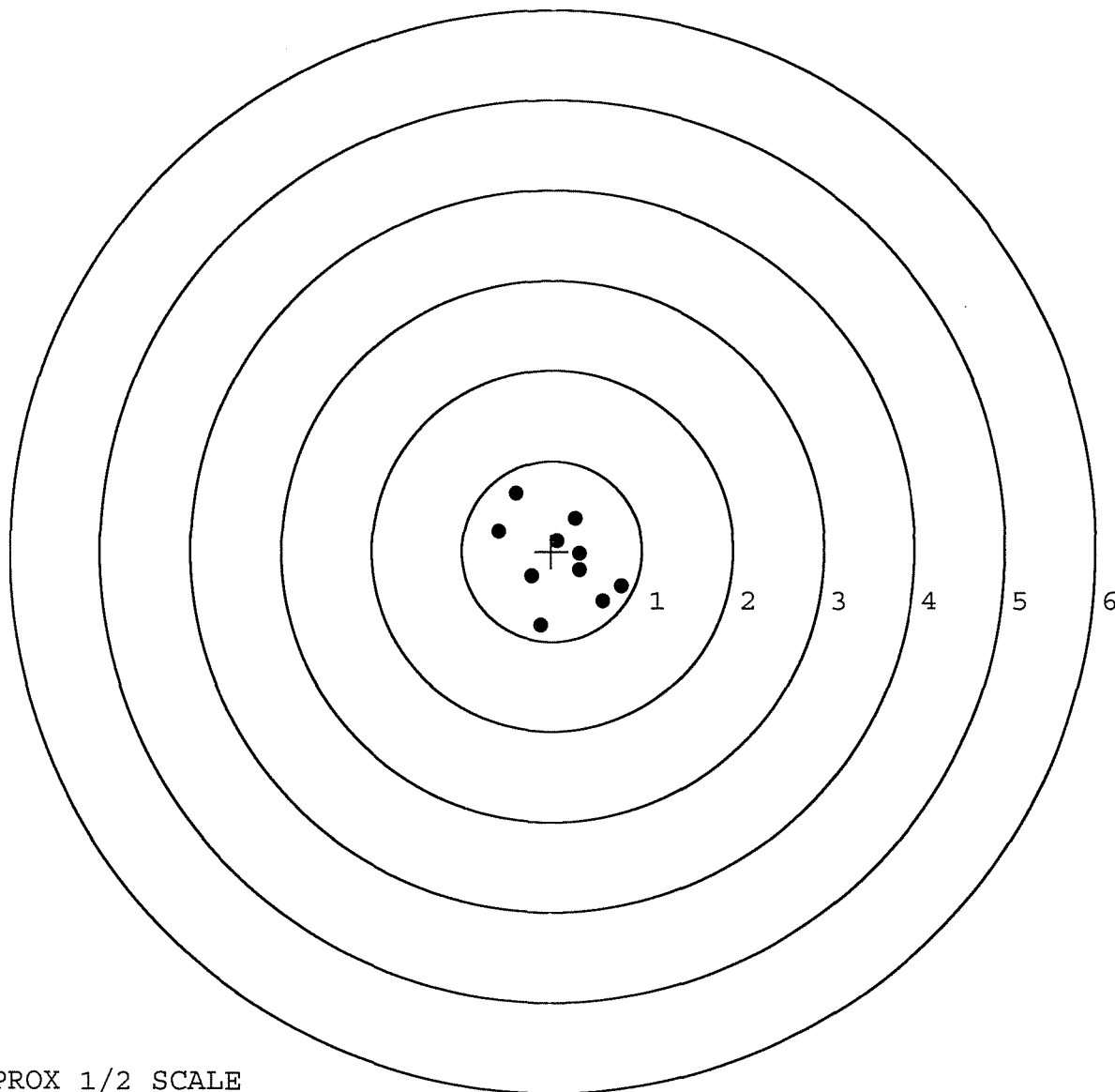
MEAN RADIUS: 0.535

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

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

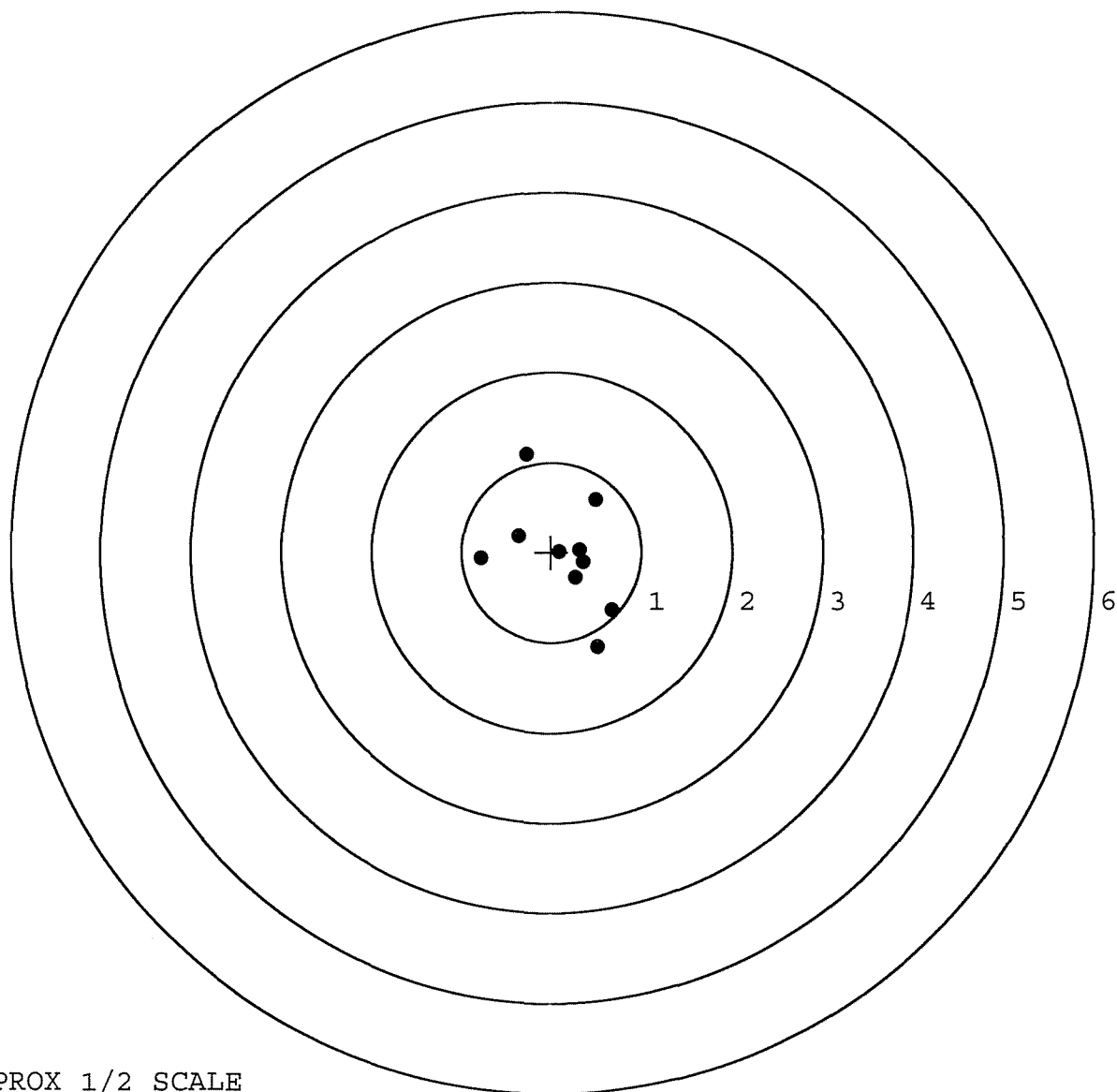


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498779. __0
TARGET NUMBER: 2
FILE DATE: 07/11/2006
FILE TIME: 08:07

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

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

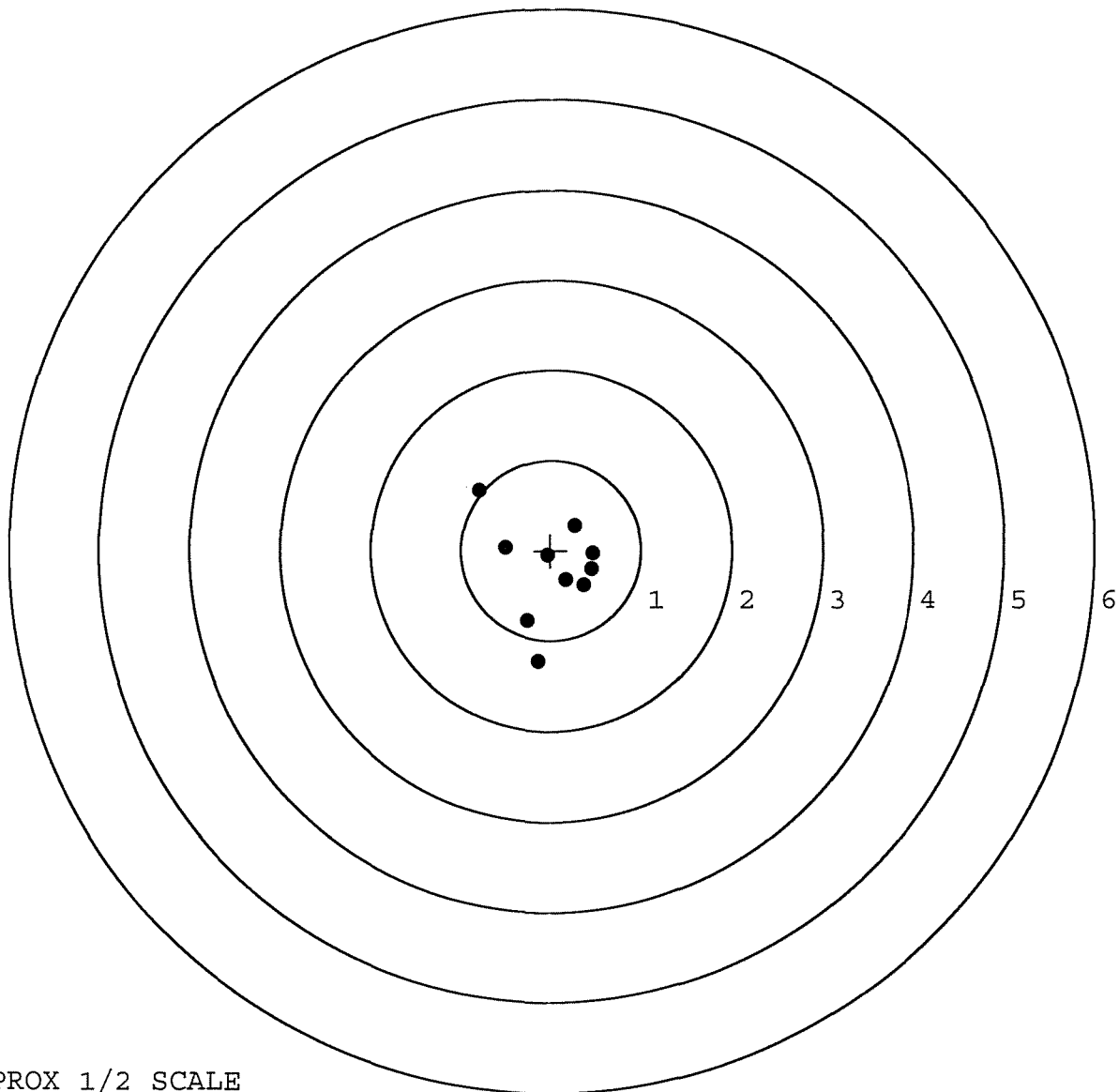


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498779. __0
TARGET NUMBER: 3
FILE DATE: 07/11/2006
FILE TIME: 08:07

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

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



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498779. __0

TARGET NUMBER: 4

FILE DATE: 07/11/2006

FILE TIME: 08:07

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

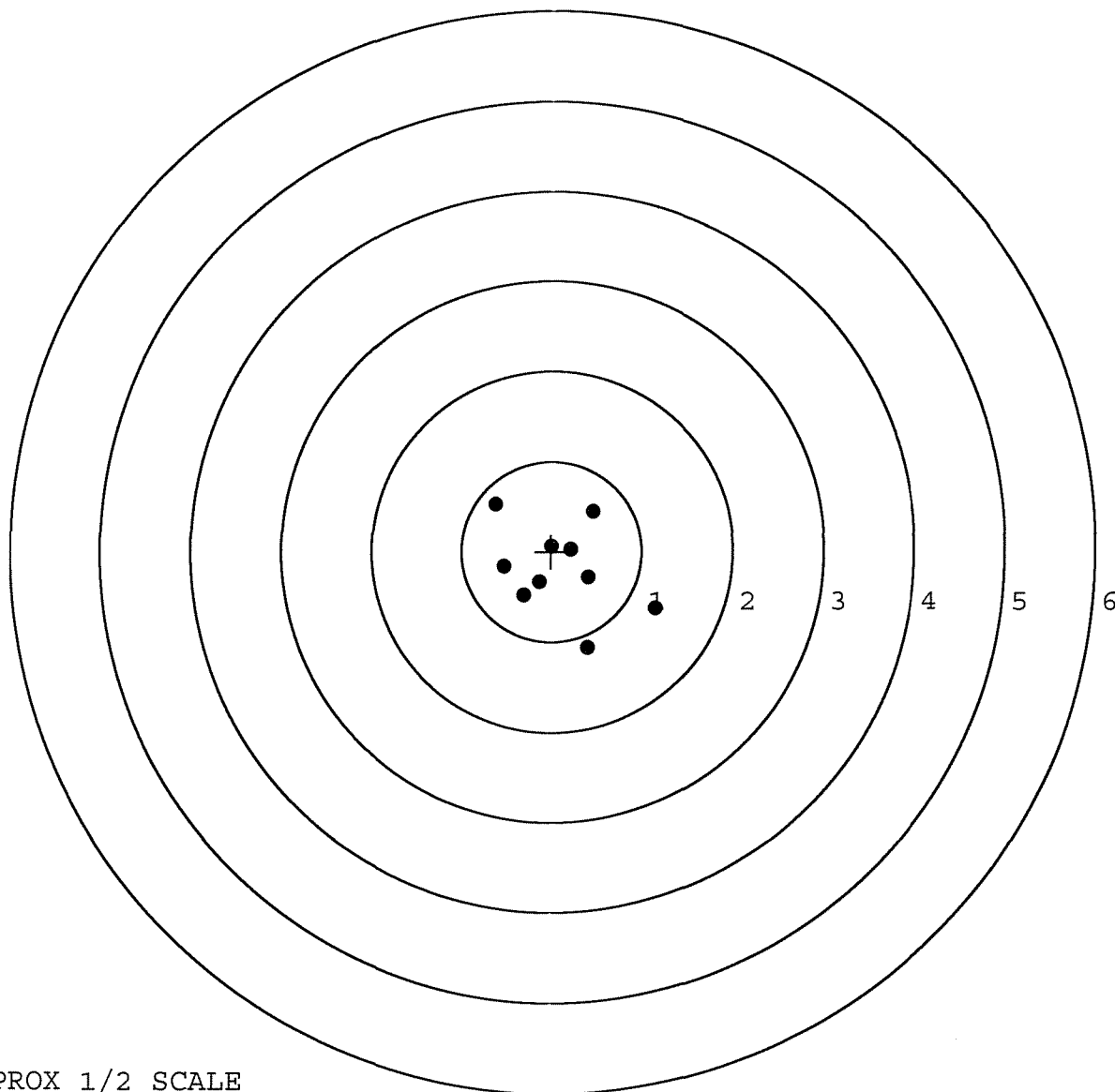
MEAN RADIUS: 0.608

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

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

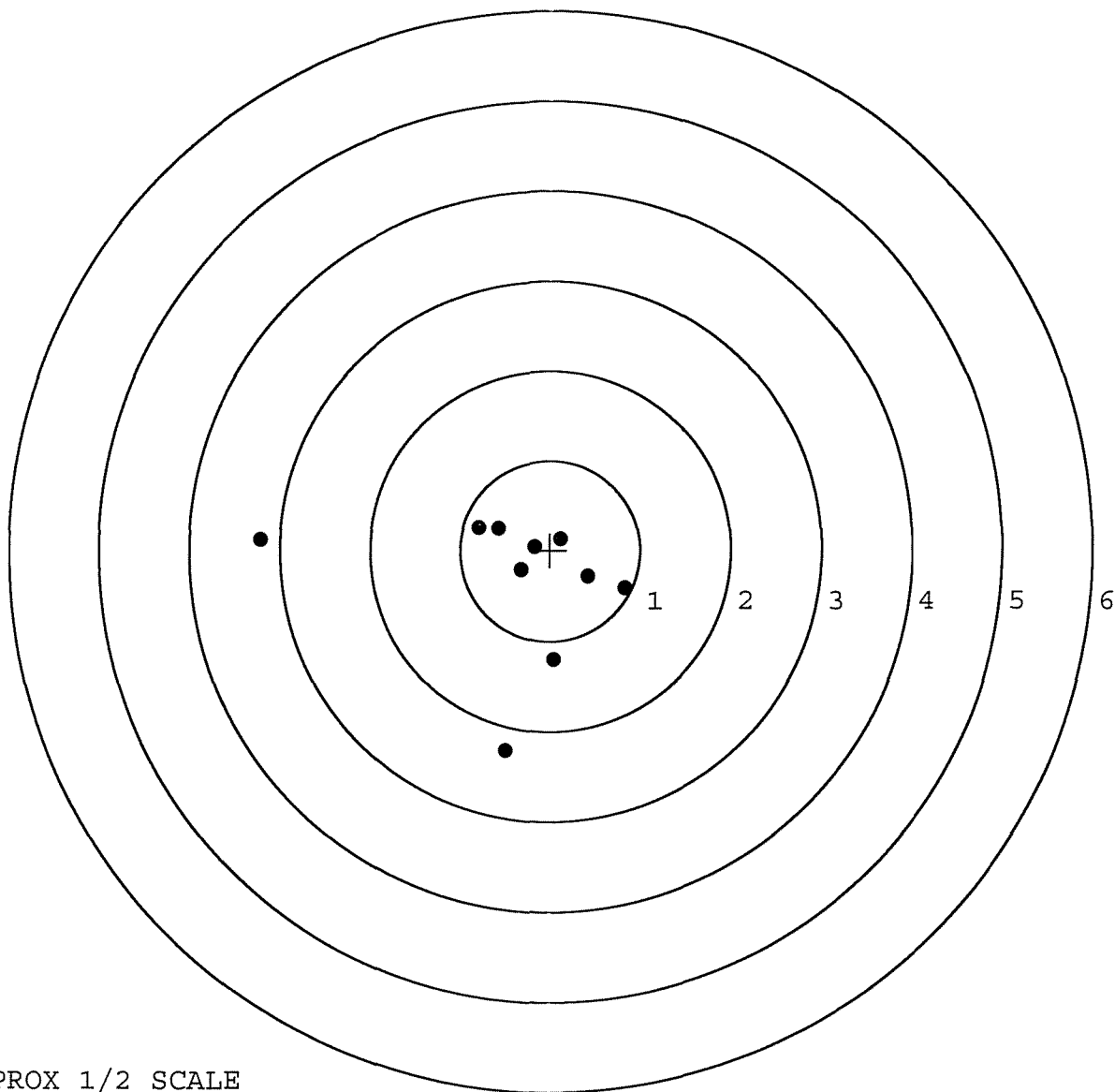


TARGET APPROX 1/2 SCALE

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 JUN 27 2006	6-22-06	A
605	CHECK HEADSPACE		6-22-06	A
610	DIS-ASSEMBLE GUN		6-22-06	A
612	MAGNAFLUX	OPERATOR <u>CLD</u>	6-22-06	APD
510	DRILL AND TAP		6-26-06	TRL
615	ROLLMARK CALIBER		6-27-06	CLW
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	TRW
	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	TRW
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	7 lbs 7 lbs 7 lbs 7-11-06	TRW
	G) SAFETY OFF FORCE	2 LBS MIN	4 lbs 4 lbs 4 lbs 7-11-06	TRW
	I) FIRING PIN INDENT	.020	.023 .023 .023 7-11-06	TRW
690	PACK		8-4-06	DA



MODEL 700™ H24



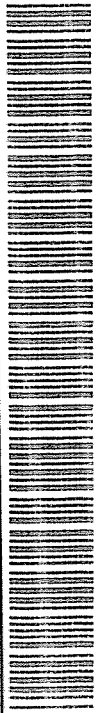
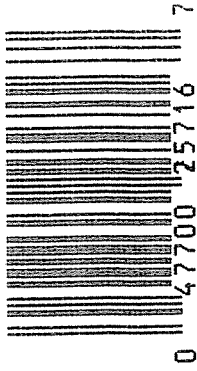
REG. U.S. PAT. & TM. OFF.

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

SERIAL NO. C6498779	ORDER NO. 5716
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MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

UPC



5716 C6498779

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06498779
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

43
+
12 <-----POA
5

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 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C649B779

CENTERFIRE PATTERNS

1

FOR

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 4

2in = 10

3in = 10

HS= 1.639

VS= 1.543

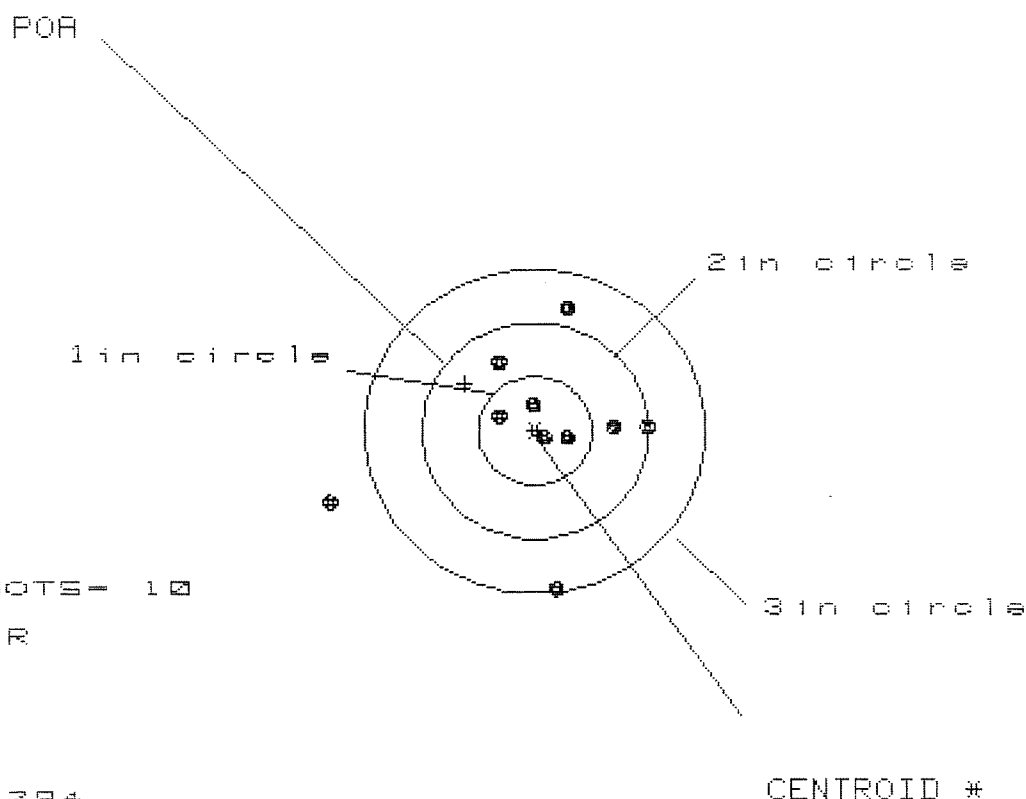
GS= 1.773

PATTERN #	:	1		
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
FOR 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/C6498779

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 5

3 in = 8

HS= 2.794

VS= 2.637

GS= 2.897

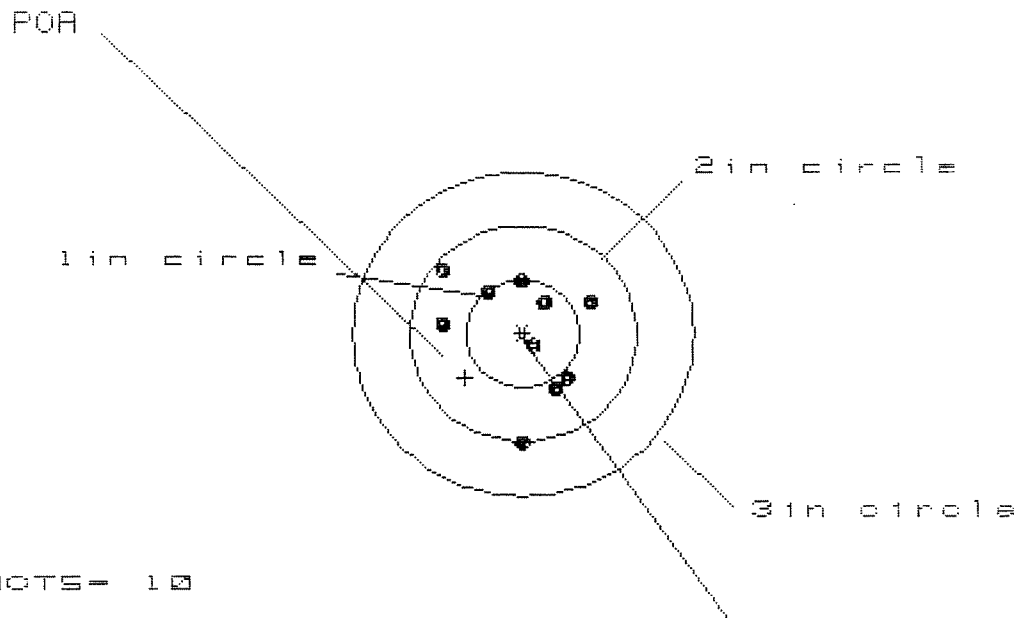
CENTROID #

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 1998

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

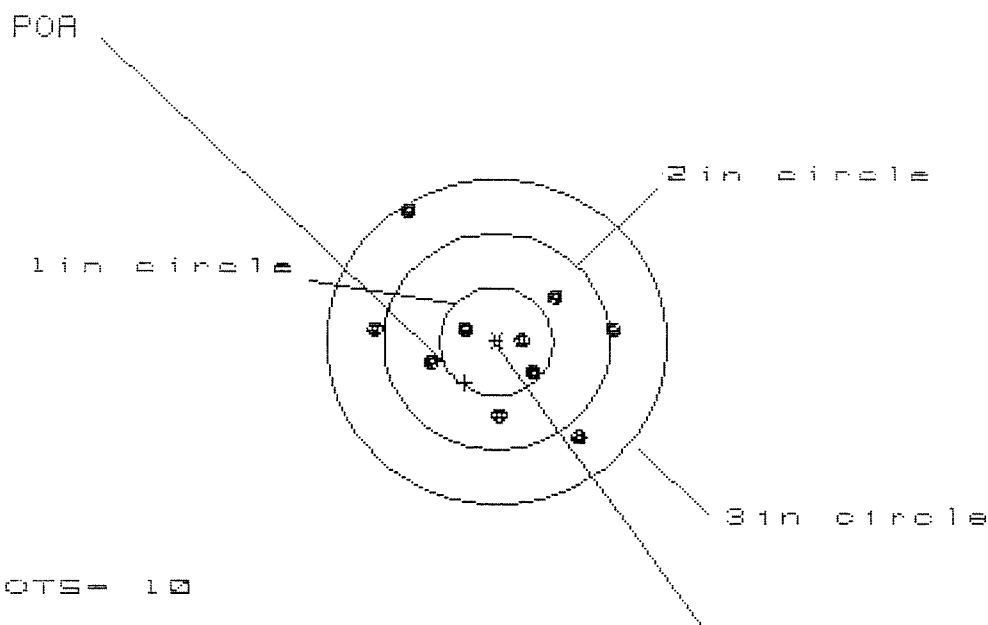
CENTROID *

PATTERN #	:	3		
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/06438779

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

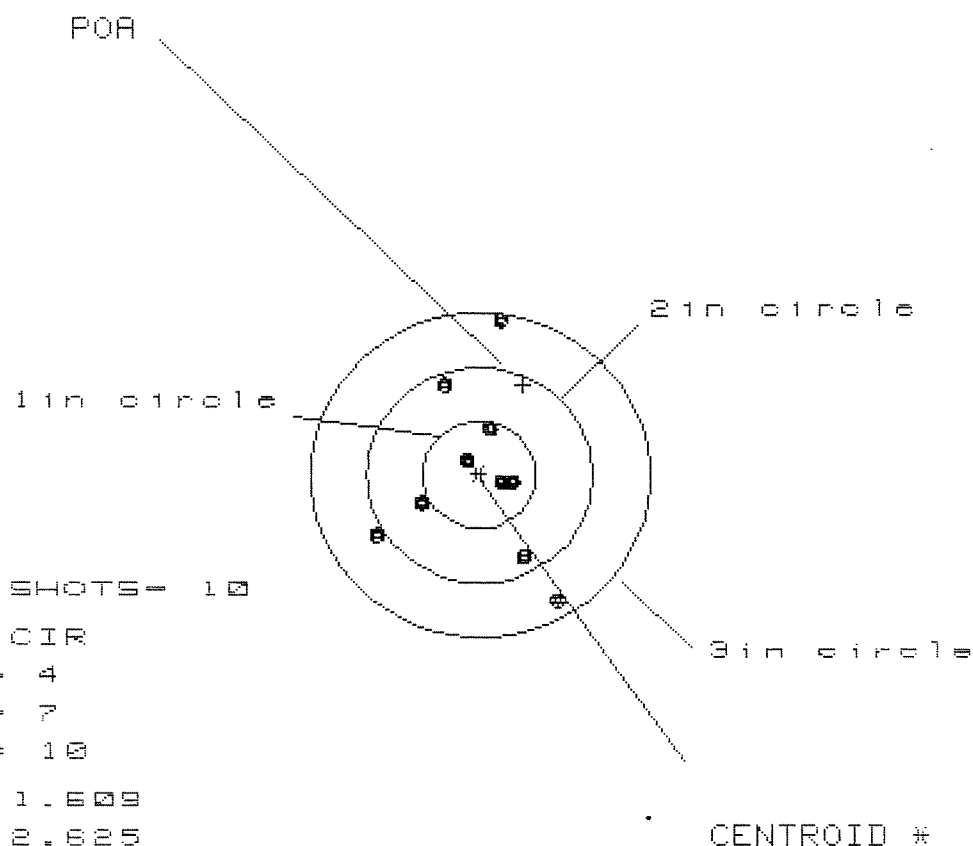
CENTROID *

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/C6498773

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 4

2in = 7

3in = 10

HS= 1.609

VS= 2.625

GS= 2.669

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.718	.745	.470
MINIMUM X	:	-.891	-.864	-.771
MAXIMUM Y	:	1.440	1.028	.900
MINIMUM Y	:	-1.185	-1.025	-.765
CENTROID X	:	-.388	-.415	-.508
CENTROID Y	:	-.838	-.998	-.870
POA TO CENTROID in.	:	.924	1.081	1.008
MIN RADIUS	:	.200	.211	.212
MEAN RADIUS	:	.740	.670	.580
MAX RADIUS	:	1.460	1.267	.954
HORIZONTAL SPREAD	:	1.609	1.609	1.241
VERTICAL SPREAD	:	2.625	2.053	1.665
EXTREME SPREAD	:	2.669	2.298	1.793
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

4  <----POA

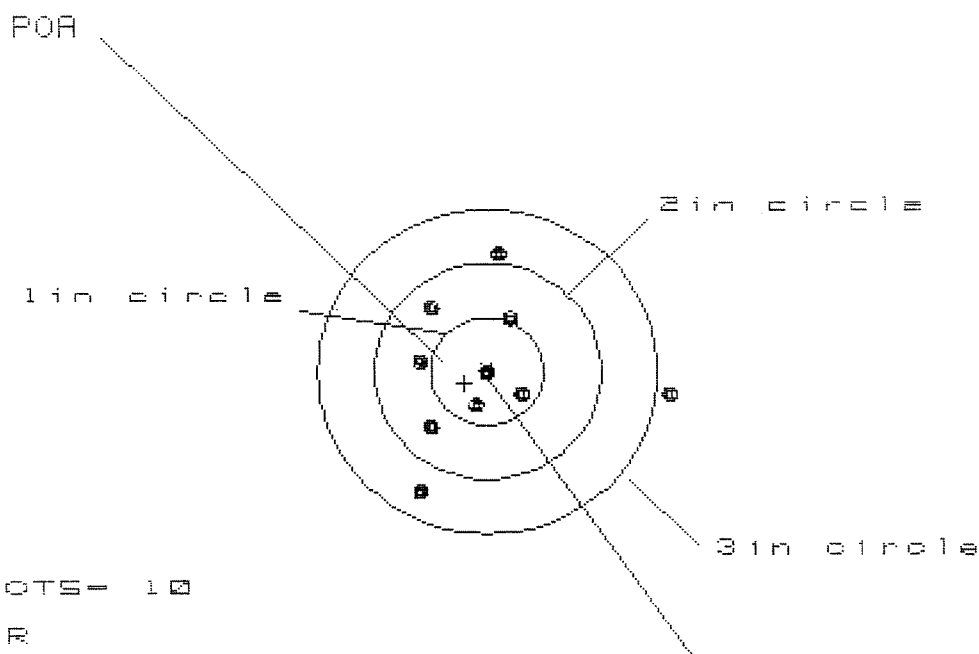
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0492
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0252
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0552782

THE AMR FOR THIS RIFLE IS: .8762

17 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06498779.1

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 3

2in = 7

3in = 9

HS= 2.174

VS= 2.166

GS= 2.354

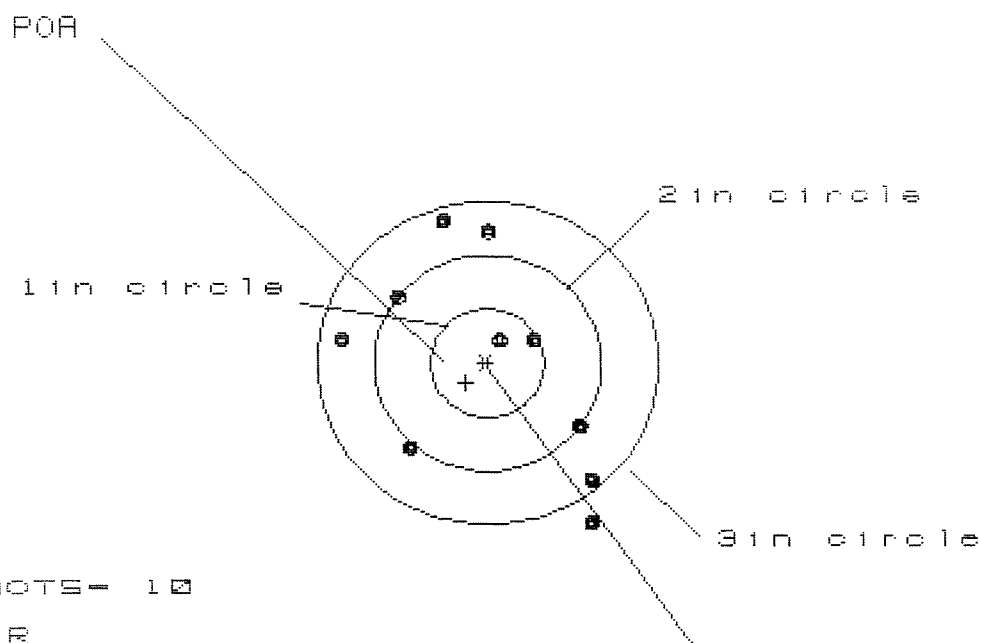
CENTROID #

PATTERN #	:	1		
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/C6438779.1

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 3

3in = 5

HS= 2.222

VS= 2.859

GS= 3.143

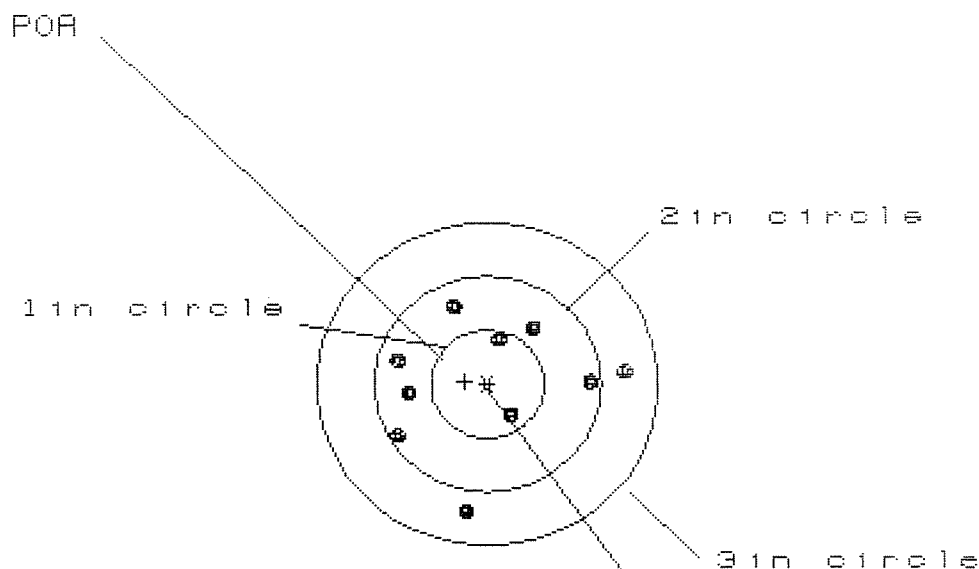
CENTROID *

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	=		5	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 8

3in = 10

HS= 1.950

VS= 1.935

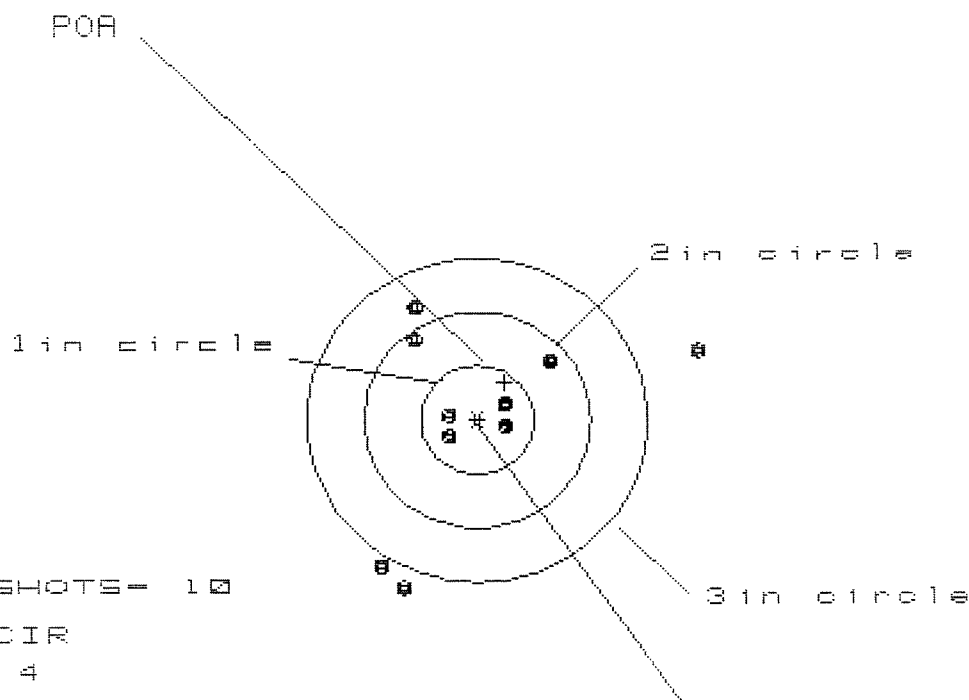
GS= 2.020

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	

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CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 4

2in = 6

3in = 7

HS= 2.719

VS= 2.608

GS= 3.349

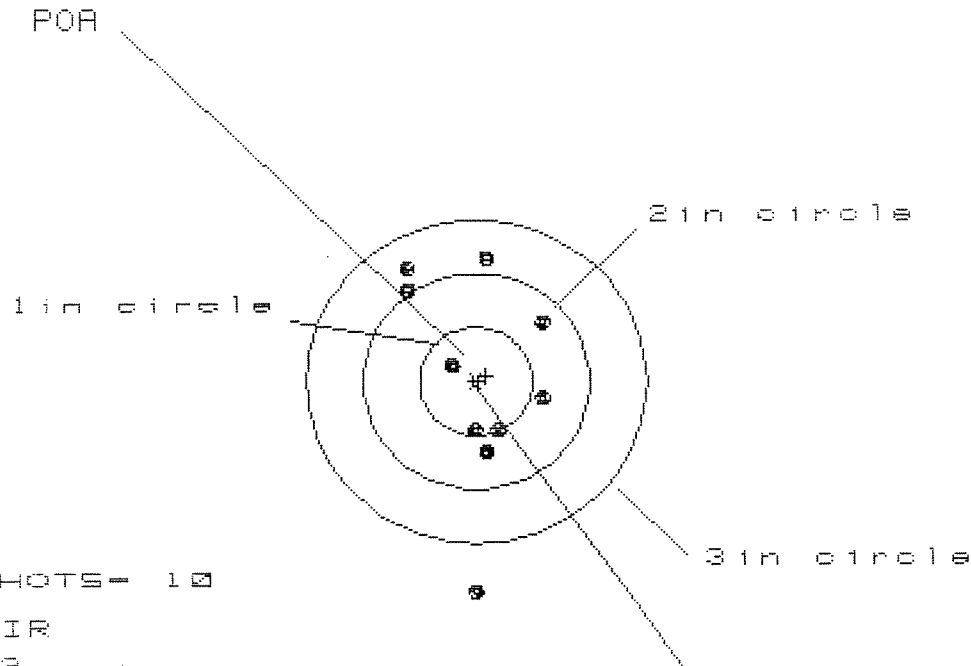
CENTROID #

PATTERN #	:	4		
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	

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 9

HS= 1.248

VS= 3.053

GS= 3.063

CENTROID #

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
POR 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	

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6498779

DATE Aug 18, 1990

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	G.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	TJA
	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	KJ
	A) Time						8/23/90	KJ
	B) Malfunctions						8/23/90	KJ
	C) Pierced Primers						8/23/90	KJ
	D) Optical Clarity of Scope						8/23/90	KJ
645	Inspect for Live Ammo						8/23/90	KJ
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	JS
	C) Function						8/31/90	JS
660	Pack						9-18-90	AC

2.34

2.23

2.26

2.23

2.21