

C6225459

MODEL 700™ M24

Model 700 M24™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.



W524098291A151 W3161Y03A703000C6225459

88299

[illegible]

Repair Number: **RE00085591**Serial: C6225459 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair:

Status:

Closed 9/28/2004 2:35:22 PM

Address Information

Customer:

Received From:

Return To:

Received From:

Name: C CO SPT BN 1ST SWTG A

C CO SPT BN 1ST SWTG A

Address 1: AHN ARMAMENT FACILITY

AHN ARMAMENT FACILITY

Address 2: PO Box

PO Box

City: FT BRAGG

FT 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:

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Studs	3
A010	Hard Case	1
A017	Scope Bases	3

Repair Search

Refresh

Close

nagletj

9/28/2004

2:52 PM

CAPS

NUM

INS

SCRL

start

2

3

Arms Services R...

4

Serial Number: **C6225459**Model: **M24 SWS****RE00085591**

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225459.___0
FILE DATE AND TIME: 10/19/2004 06:42

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.072
The Average Y Centroid of the Five Target Set:	-0.085
The Average Point of Impact of the Five Target Set:	0.112
The Average Mean Radius of the Five Target Set:	0.990
The Distance from POA to Centroid Target #1:	0.029
The Distance from Centroid Target #2 to Centroid Target #1:	0.360
The Distance from Centroid Target #3 to Centroid Target #1:	0.073
The Distance from Centroid Target #4 to Centroid Target #1:	0.150
The Distance from Centroid Target #5 to Centroid Target #1:	0.128

BARBER - M24 0061295

SERIAL NUMBER: C6225459. __0

TARGET NUMBER: 1

FILE DATE: 10/19/2004

FILE TIME: 06:42

POINT#	X	Y
1:	0.901	-2.120
2:	0.166	-1.184
3:	-0.038	-0.517
4:	-0.570	-0.750
5:	-0.958	0.027
6:	-1.484	0.508
7:	0.310	0.278
8:	0.405	0.799
9:	1.025	1.157
10:	0.487	1.637

X CENTROID: 0.024

Y CENTROID: -0.016

POA TO CENTROID: 0.029

HORZ SPREAD: 2.509

VERT SPREAD: 3.757

GROUP SPREAD: 3.780

MIN RADIUS: 0.410

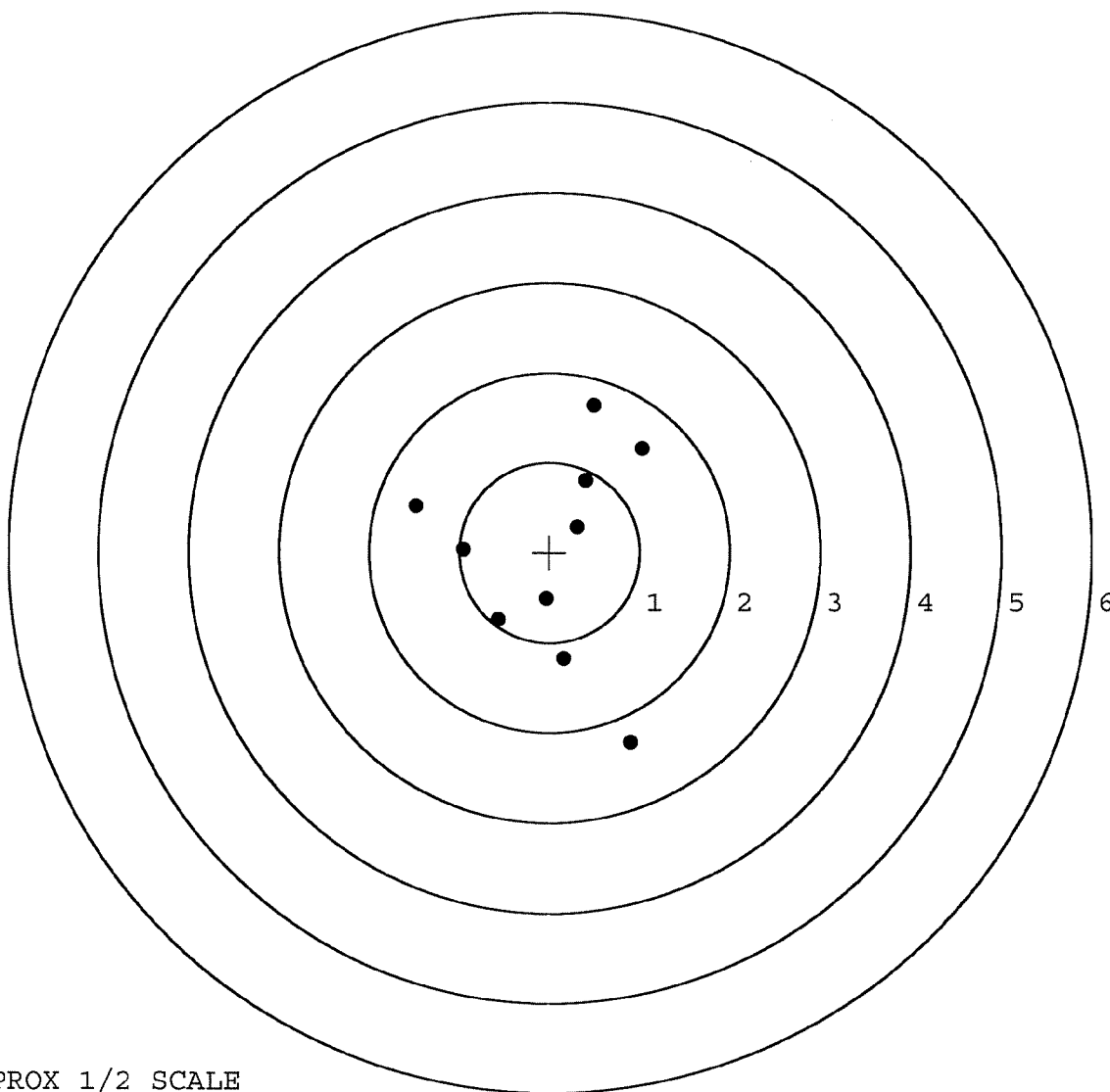
MAX RADIUS: 2.279

MEAN RADIUS: 1.205

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 6

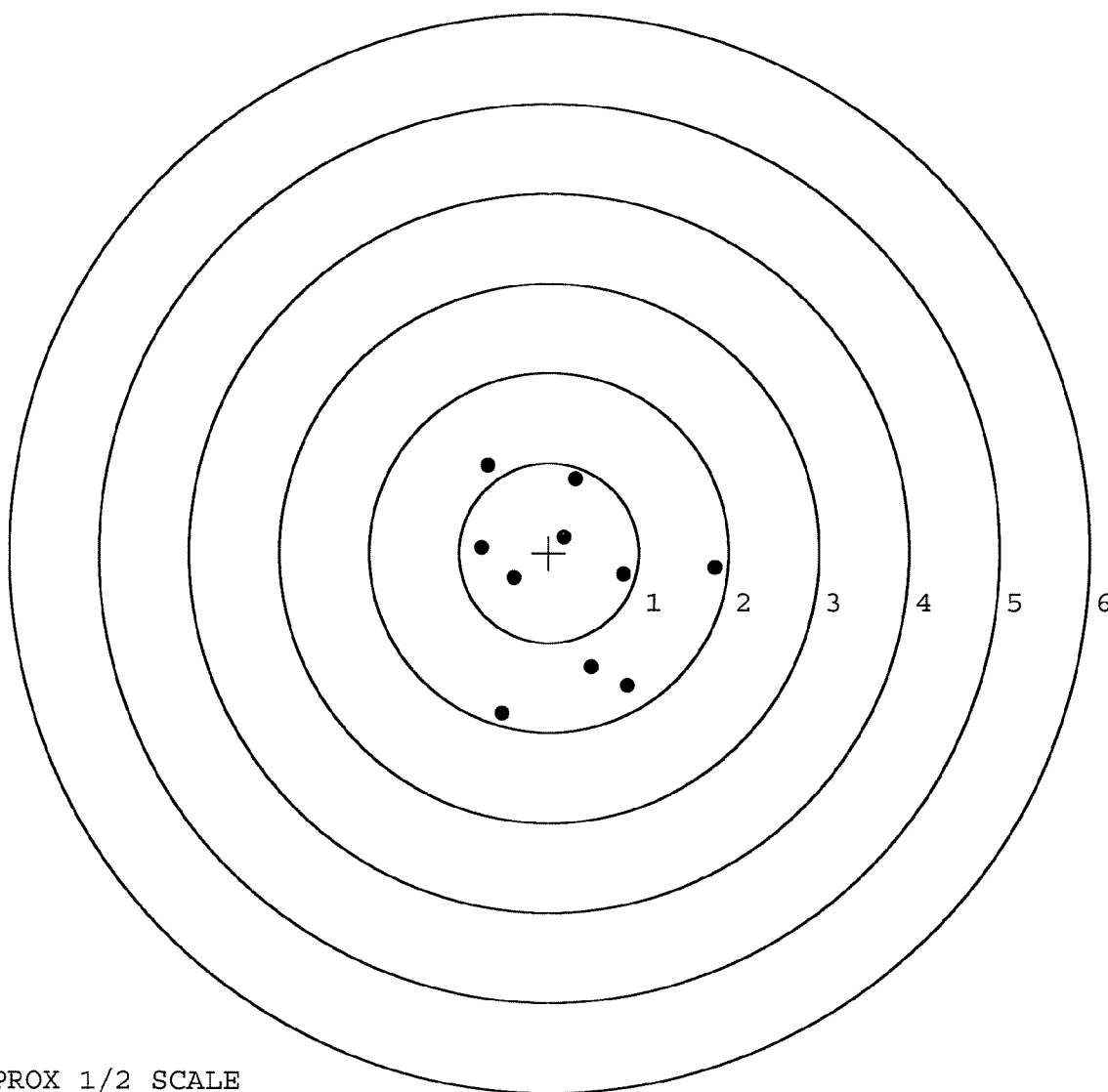


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225459. __0
 TARGET NUMBER: 2
 FILE DATE: 10/19/2004
 FILE TIME: 06:42

POINT#	X	Y
1:	0.878	-1.485
2:	0.476	-1.276
3:	-0.515	-1.796
4:	1.841	-0.169
5:	0.829	-0.241
6:	0.172	0.180
7:	0.295	0.825
8:	-0.685	0.969
9:	-0.389	-0.284
10:	-0.747	0.058

X CENTROID: 0.216
 Y CENTROID: -0.322
 POA TO CENTROID: 0.387
 HORZ SPREAD: 2.588
 VERT SPREAD: 2.765
 GROUP SPREAD: 2.863
 MIN RADIUS: 0.504
 MAX RADIUS: 1.645
 MEAN RADIUS: 1.109
 # IN 1 IN DIAMETER: 0
 # IN 2 IN DIAMETER: 4
 # in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225459. 0

TARGET NUMBER: 3

FILE DATE: 10/19/2004

FILE TIME: 06:42

X CENTROID: 0.080

Y CENTROID: 0.030

POA TO CENTROID: 0.085

HORZ SPREAD: 2.856

VERT SPREAD: 2.491

GROUP SPREAD: 3.564

MIN RADIUS: 0.132

MAX RADIUS: 2.090

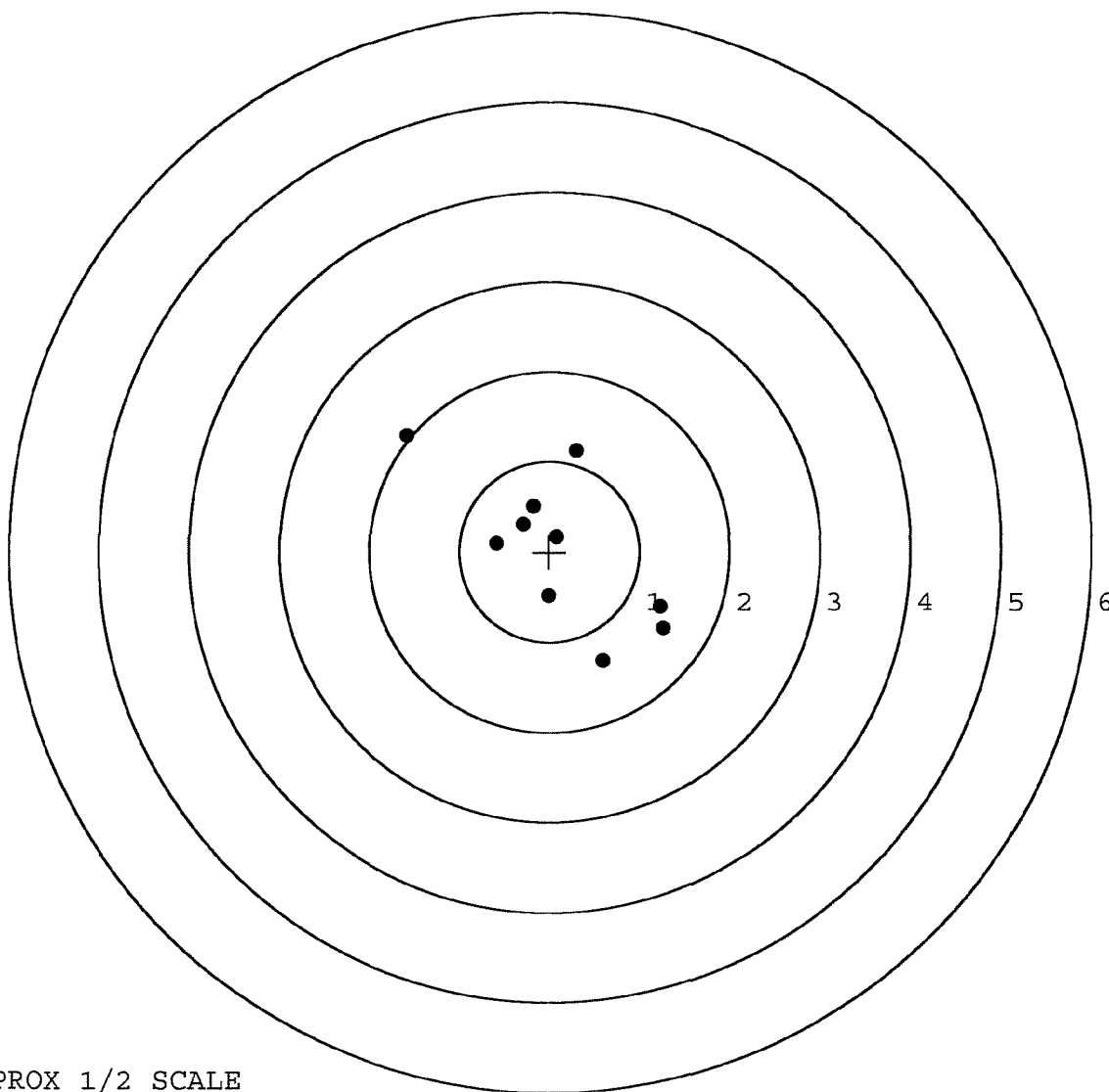
MEAN RADIUS: 0.967

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

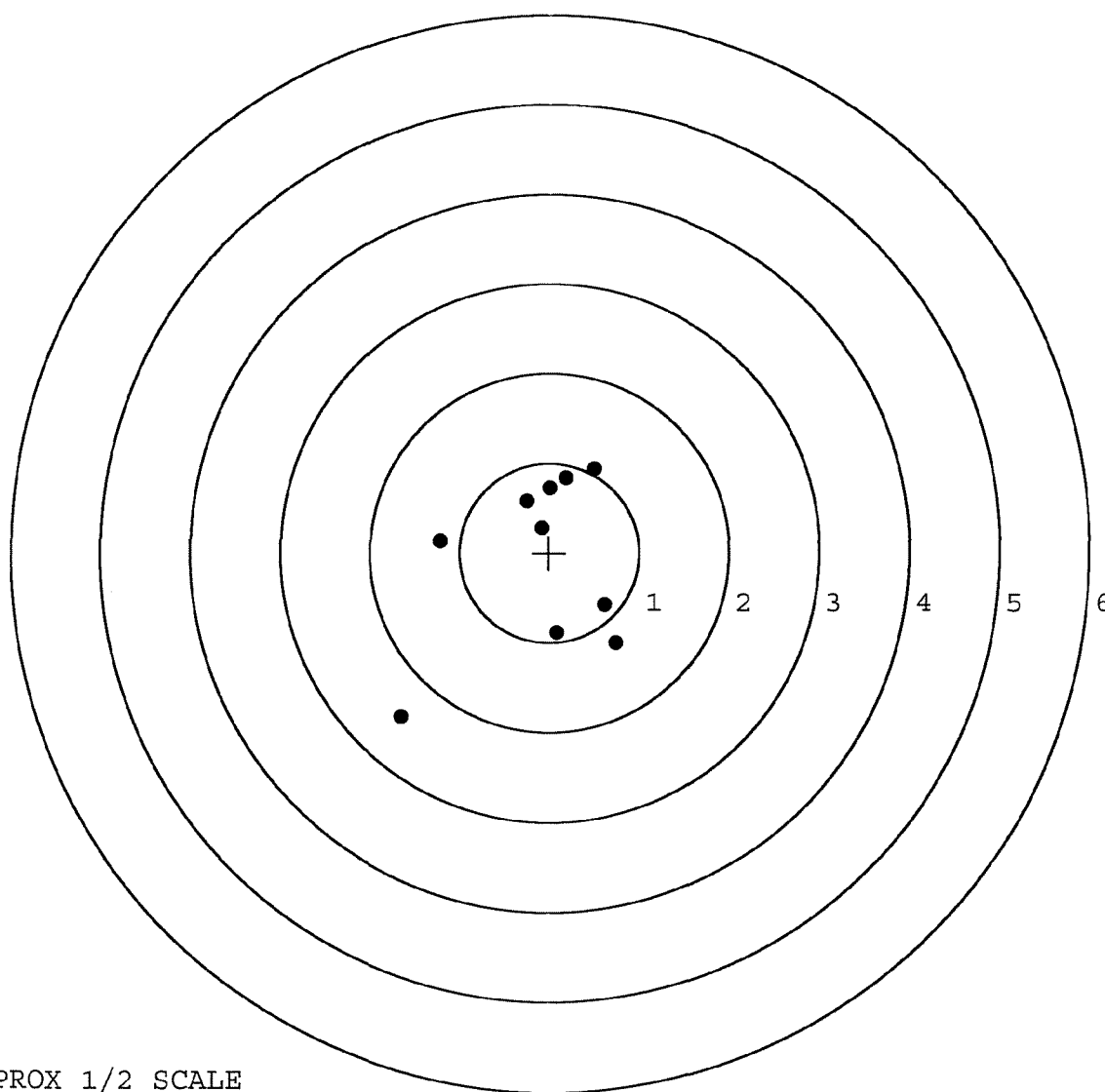
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.264	-0.848
2:	1.229	-0.611
3:	0.597	-1.207
4:	-0.008	-0.491
5:	0.085	0.162
6:	-0.185	0.501
7:	-0.294	0.302
8:	-0.592	0.096
9:	0.294	1.117
10:	-1.592	1.284



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225459. __0	POINT#	X	Y
TARGET NUMBER: 4	1:	0.744	-1.013
FILE DATE: 10/19/2004	2:	0.617	-0.586
FILE TIME: 06:42	3:	0.087	-0.898
	4:	0.502	0.936
X CENTROID: -0.109	5:	0.182	0.838
Y CENTROID: -0.085	6:	-0.002	0.723
POA TO CENTROID: 0.138	7:	-0.256	0.578
HORZ SPREAD: 2.394	8:	-0.093	0.276
VERT SPREAD: 2.771	9:	-1.219	0.127
GROUP SPREAD: 3.508	10:	-1.650	-1.835
MIN RADIUS: 0.362			
MAX RADIUS: 2.332			
MEAN RADIUS: 1.045			
# IN 1 IN DIAMETER: 1			
# IN 2 IN DIAMETER: 6			
# in 3 IN DIAMETER: 9			

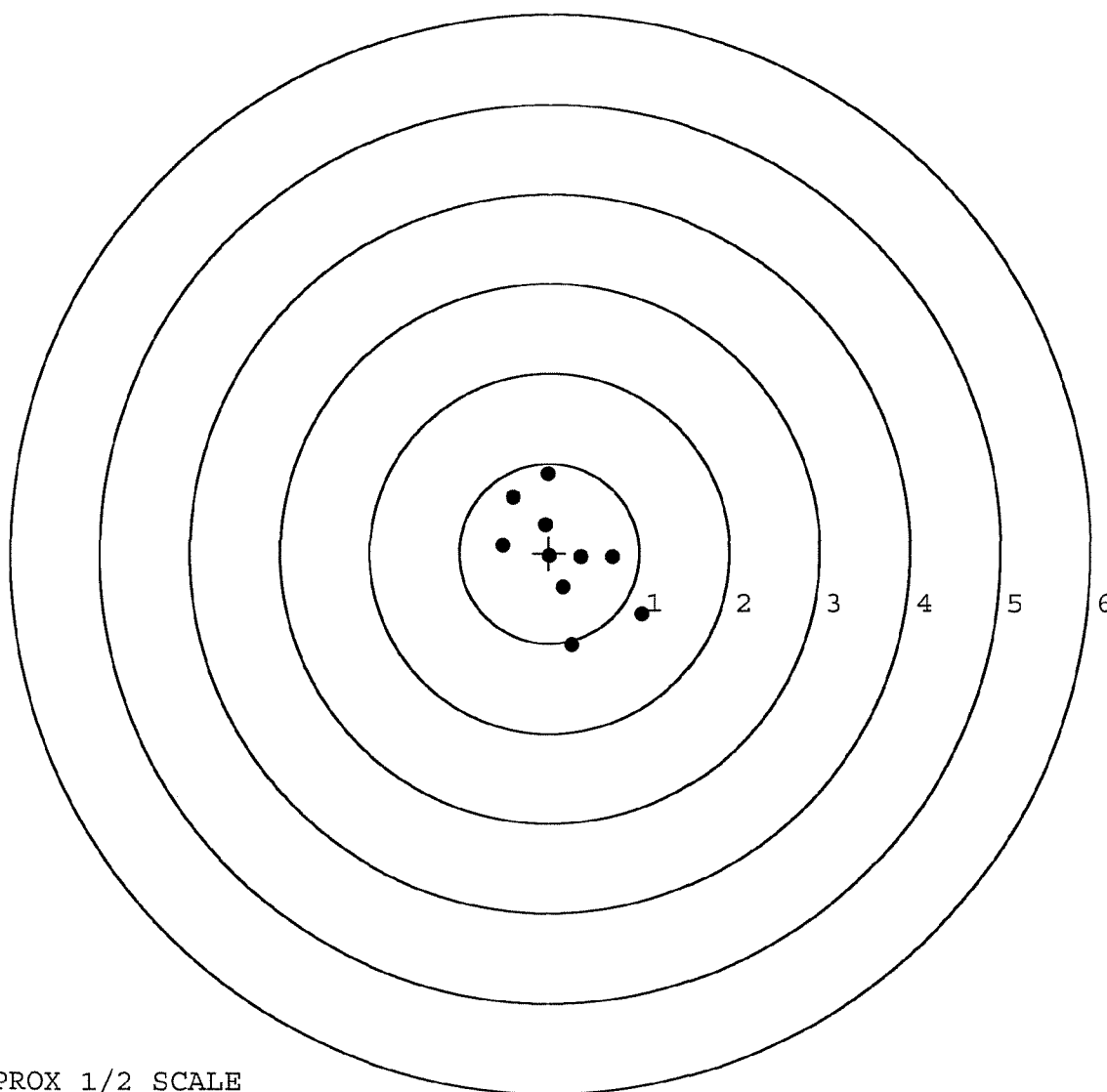


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225459. __0
 TARGET NUMBER: 5
 FILE DATE: 10/19/2004
 FILE TIME: 06:42

POINT#	X	Y
1:	1.033	-0.685
2:	0.704	-0.048
3:	0.256	-1.025
4:	-0.408	0.621
5:	-0.022	0.884
6:	-0.517	0.081
7:	-0.052	0.316
8:	0.355	-0.048
9:	0.159	-0.381
10:	0.003	-0.037

X CENTROID: 0.151
 Y CENTROID: -0.032
 POA TO CENTROID: 0.154
 HORZ SPREAD: 1.550
 VERT SPREAD: 1.909
 GROUP SPREAD: 1.945
 MIN RADIUS: 0.148
 MAX RADIUS: 1.097
 MEAN RADIUS: 0.622
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

[illegible]

R & E NUMBER	85591		
SERIAL NUMBER	C6225459		
LOG-IN DATE	9-28-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	9-29-04	RTL
560 A	RE-BARREL	10-6-04	AC
B	DRILL AND TAP	10-8-04	TRW
575	ASSEMBLE	10-6-04	RTL
600	PROOF	10-7-04	RTL
605	CHECK HEADSPACE	10-7-04	RTL
610	DIS-ASSEMBLE GUN	10-7-04	RTL
612	MAGNAFLUX	OPERATOR	
615	ROLLMARK CALIBER	10-11-04	SB/CW
618	ROTO-BLAST	10-11-04	LB
620	APPLY COATINGS	10/14/04	H/D
625 A	FINAL ASSEMBLY	10-17-04	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	10-19-04	TRW
655	FINAL INSPECT	10-25-04	RTL
660	PACK	11-5-04	RA
		SHIP DATE	
	QAR INSPECTION DATE		

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # *C6225459*

OPERATION		DATE	INT
#	NAME		
575- 580	ASSEMBLY <i>2</i>	<i>26</i>	<i>FB</i>
600	PROOF <i>21</i>	<i>29</i>	<i>Ru</i>
615	MAGNAFLUX BARREL	<i>5/13/88</i>	<i>p/c.</i>
	MAGNAFLUX BOLT	<i>5/13/88</i>	<i>p/c.</i>
620	COATING	<i>8/1/88</i>	<i>TJH</i>
625- 630	FINAL ASSEMBLY		
635	TEST		
640	TARGET		
	FIRING PIN INDENT		
660	PACK		

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and stock	QUALITY AUDIT		
600	Proof			
607	Check Headspace			
610	Dis-assemble gun			
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill & Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coatings (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		9/12/88	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/12/88	RW
	C) Inspect Ejector Hole for Chamfer		9/12/88	RW

OVER

OP.#		READINGS	DATE	INITIAL
625 cont.	D) Oil Firing Pin Ass'y		9/12/88	RW
	E) Adjust Trigger Pull to Min. Setting and Stake			
	F) Safety on Force	7/4 7/4 7/2	12 Sept 88	W.B.
	G) Safety off Force	3 1/2 3 1/2 3 1/4	12 Sept 88	W.B.
	H) Trigger Pull Test & Retainability		12 Sept 88	W.B.
	I) Firing Pin Indent	.0225 .0225 .022	12 Sept 88	W.B.
	J) Assemble Stock		9/15/88	RW
	K) Assemble Swivel Studs		10-12-88	JS.
	L) Attach Front & Rear Sight Assemblies		9/15/88	RW
	M) Iron Sight Alignment		9/15/88	RW
	N) Detach Front & Rear Sights & place in numbered container		9/15/88	RW
	O) Attach Scope to Rifle		10/5/88	RW
	P) Detach & Attach Scope 20 times		10-5-88	JS.
640	Gallery Target & Test	57 R 98 L	10-11-88	DT.
	A) Optical Clarity of Scope		10-11-88	JS.
645	Inspect for Live Ammo		10-11-88	JS.
655	Final Inspection			
	A) Headspace		10-12-88	JS.
	B) Trigger Pull		10-14-88	JS.
	C) Function		10-12-88	JS.
660	Pack		10-21-88	JS.

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50#+ .50#
3.00#+ .75#
4.00#+1.00#

SERIAL NO. C 6225459DATE 12 Sept 88TESTER J. V. W. B.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.54	2.48	2.48	MIN. SETTING,
PULL #2	2.49	2.47	2.47	NO AVG. OF 5
PULL #3	2.51	2.44	2.46	READINGS ACCEPT-
PULL #4	2.49	2.44	2.47	ABLE LESS THAN 2#
PULL #5	2.49	2.45	2.46	
TOTAL	12.52	12.28	12.34	
AVG.	2.504	2.456	2.47	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.28	3.18	
PULL #2	3.24	3.12	
PULL #3	3.27	3.13	
PULL #4	3.24	3.11	
PULL #5	3.25	3.12	
TOTAL	16.28	15.66	
AVG.	3.256	3.13	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.35	4.34		4.23
PULL #2	4.35	4.33		4.25
PULL #3	4.34	4.31		4.27
PULL #4	4.19	4.31		4.10
PULL #5	4.32	4.33		4.29
TOTAL	21.55	21.62		21.14
AVG.	4.31	4.324		4.23

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 6225459

CENTROIDAL DISTANCES

0 TO	1	1.47656
1 TO	2	.821628
1 TO	3	1.2591
1 TO	4	.479088
1 TO	5	.45049

+ <----POB

3 2 5 1
+

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .054
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -1.4248
THE RESULTING AVERAGE POB RADIUS FOR THIS RIFLE IS: 1.42082
THE AMR FOR THIS RIFLE IS: .9012

11 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/8285458

CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 8

3 in = 9

HS= 1.118

VS= 2.878

GS= 3.032

CENTROID *

PATTERN #

:

1

SHOTS (BEST OF)

:

10

9

8

MAXIMUM X

:

.538

.487

.542

MINIMUM X

:

-.580

-.631

-.576

MAXIMUM Y

:

1.294

1.118

.582

MINIMUM Y

:

-1.584

-.783

-.623

CENTROID X

:

.589

.640

.585

CENTROID Y

:

-1.354

-1.178

-1.318

POA TO CENTROID in.:

1.477

1.341

1.442

MIN RADIUS

:

.304

.259

.275

MEAN RADIUS

:

.767

.656

.577

MAX RADIUS

:

1.650

1.202

.762

HORIZONTAL SPREAD

:

1.118

1.118

1.118

VERTICAL SPREAD

:

2.878

1.881

1.205

EXTREME SPREAD

:

3.032

2.101

1.455

NUMBER IN ONE INCH CIRCLE =

2

NUMBER IN TWO INCH CIRCLE =

8

NUMBER IN THREE INCH CIRCLE =

9

11 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/6225455

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 4

3 in = 9

HS= 2.264

VS= 2.899

GS= 2.912

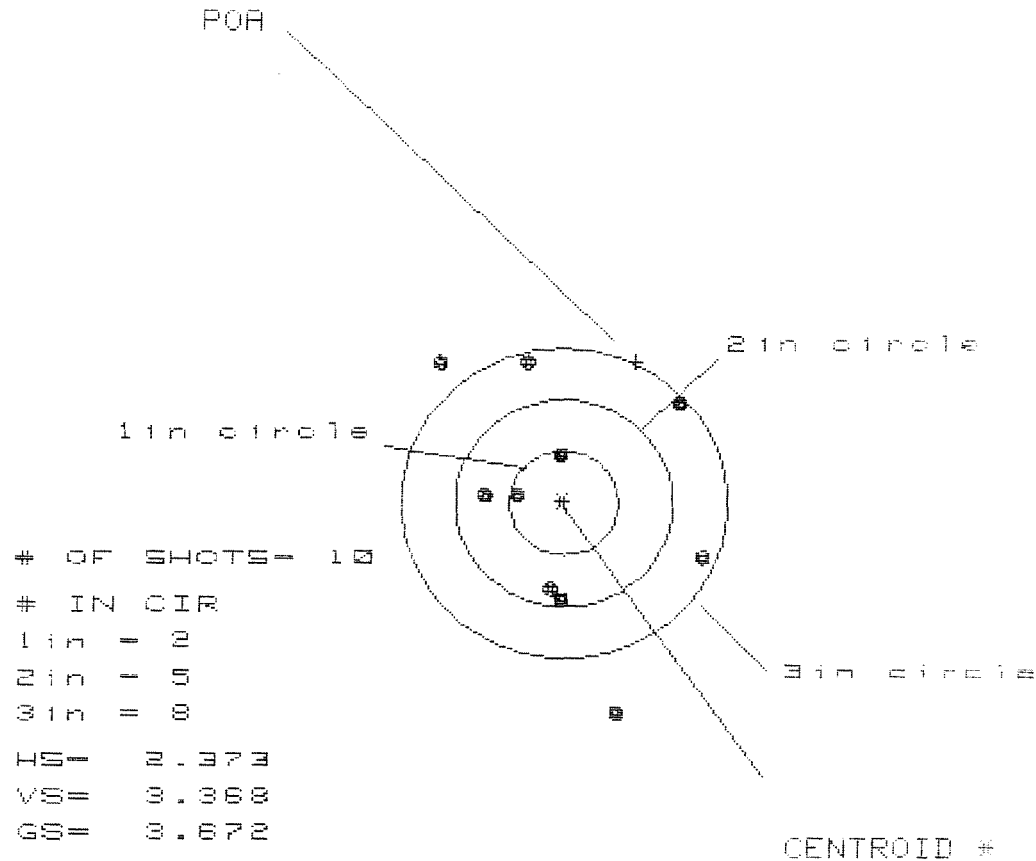
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.256	1.258	1.216
MINIMUM X	:	-1.008	-1.006	-.849
MAXIMUM Y	:	1.830	1.374	1.993
MINIMUM Y	:	-1.069	-.865	-.856
CENTROID X	:	-.227	-.229	-.386
CENTROID Y	:	-1.258	-1.462	-1.471
POA TO CENTROID in.	:	1.279	1.479	1.521
MIN RADIUS	:	.209	.191	.201
MEAN RADIUS	:	.984	.848	.772
MAX RADIUS	:	1.830	1.374	1.389
HORIZONTAL SPREAD	:	2.264	2.264	2.065
VERTICAL SPREAD	:	2.899	2.239	2.239
EXTREME SPREAD	:	2.912	2.305	2.250
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

11 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/8225458

CENTERFIRE PATTERNS # 3



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.280	1.328	1.198
MINIMUM X	:	-1.093	-1.045	-.801
MAXIMUM Y	:	1.362	1.139	1.278
MINIMUM Y	:	-2.006	-1.126	-.988
CENTROID X	:	-.670	-.718	-.588
CENTROID Y	:	-1.370	-1.147	-1.286
POA TO CENTROID in.	:	1.525	1.353	1.413
MIN RADIUS	:	.420	.254	.417
MEAN RADIUS	:	1.140	1.014	.962
MAX RADIUS	:	2.053	1.551	1.368
HORIZONTAL SPREAD	:	2.373	2.373	1.999
VERTICAL SPREAD	:	3.368	2.265	2.265
EXTREME SPREAD	:	3.672	3.047	2.534
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

11 Oct 1985

FILE:/PATTERNING/CENTERFIRE_PATT/6225459

CENTERFIRE PATTERNS

5

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 8

3 in = 9

HS= 2.331

VS= 1.705

GS= 2.853

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.977	.826	.663
MINIMUM X	:	-1.354	-.663	-.560
MAXIMUM Y	:	.680	.566	.629
MINIMUM Y	:	-1.025	-.777	-.714
CENTROID X	:	.139	.290	.187
CENTROID Y	:	-1.333	-1.219	-1.282
POA TO CENTROID in.	:	1.340	1.253	1.296
MIN RADIUS	:	.257	.076	.193
MEAN RADIUS	:	.781	.654	.612
MAX RADIUS	:	1.699	.969	.833
HORIZONTAL SPREAD	:	2.331	1.489	1.223
VERTICAL SPREAD	:	1.705	1.343	1.343
EXTREME SPREAD	:	2.853	1.624	1.624
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

11 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/6225459

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 1

2in = 8

3in = 9

HS = 1.572

VS = 2.951

GS = 3.044

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.874	.833	.874
MINIMUM X	-.698	-.739	-.698
MAXIMUM Y	1.158	.959	.505
MINIMUM Y	-1.793	-.840	-.721
CENTROID X	.439	.480	.439
CENTROID Y	-1.809	-1.610	-1.729
POA TO CENTROID in.	1.861	1.680	1.784
MIN RADIUS	.445	.253	.365
MEAN RADIUS	.834	.680	.647
MAX RADIUS	1.832	1.037	1.005
HORIZONTAL SPREAD	1.572	1.572	1.572
VERTICAL SPREAD	2.951	1.799	1.226
EXTREME SPREAD	3.044	1.803	1.650
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	9		

INTERCHANGEABILITY

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225459

CENTROIDAL DISTANCES

0	TO	1	1.08056
1	TO	2	.532046
1	TO	3	.872349
1	TO	4	.326259
1	TO	5	.368555

σ^2
4 (----POA

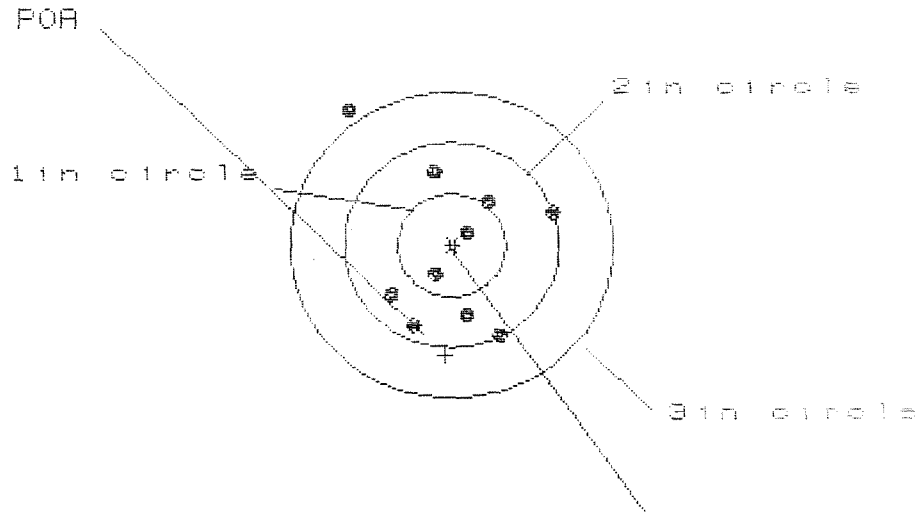
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1438
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .7532
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .766804
THE AMR FOR THIS RIFLE IS: 1.149

INTERCHANGEABILITY

18 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225459

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 2

2in = 8

3in = 9

IS= 1.923

VS= 2.158

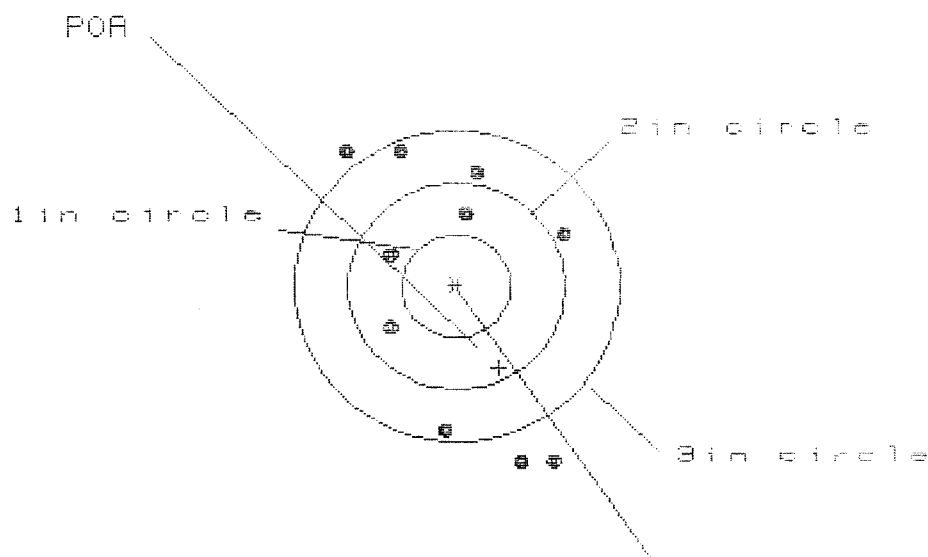
GS= 2.584

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.973	.868	.474
MINIMUM X	-.950	-.673	-.565
MAXIMUM Y	1.295	.913	.973
MINIMUM Y	-.863	-.719	-.659
CENTROID X	.058	.163	.055
CENTROID Y	1.079	.935	.875
POA TO CENTROID in.	1.080	.949	.877
MIN RADIUS	.241	.295	.172
MEAN RADIUS	.778	.667	.608
MAX RADIUS	1.606	.991	.980
HORIZONTAL SPREAD	1.923	1.541	1.039
VERTICAL SPREAD	2.158	1.632	1.632
EXTREME SPREAD	2.584	1.736	1.736
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	9		

18 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08025453

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 0

2in = 3

3in = 7

HS= 2.018

VS= 3.052

GS= 3.611

CENTROID +

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.014	1.116	1.204
MINIMUM X	:	-1.004	-.902	-.814
MAXIMUM Y	:	1.319	1.127	.890
MINIMUM Y	:	-1.733	-1.892	-1.810
CENTROID X	:	-.390	-.492	-.580
CENTROID Y	:	.792	.984	1.221
POA TO CENTROID in.	:	.883	1.101	1.352
MIN RADIUS	:	.680	.532	.395
MEAN RADIUS	:	1.247	1.119	.949
MAX RADIUS	:	1.964	2.019	1.810
HORIZONTAL SPREAD	:	2.018	2.018	2.018
VERTICAL SPREAD	:	3.052	3.019	2.700
EXTREME SPREAD	:	3.611	3.419	2.832
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	

18 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08225458

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 1

2in = 3

3in = 7

HS= 2.641

VS= 3.175

GS= 3.275

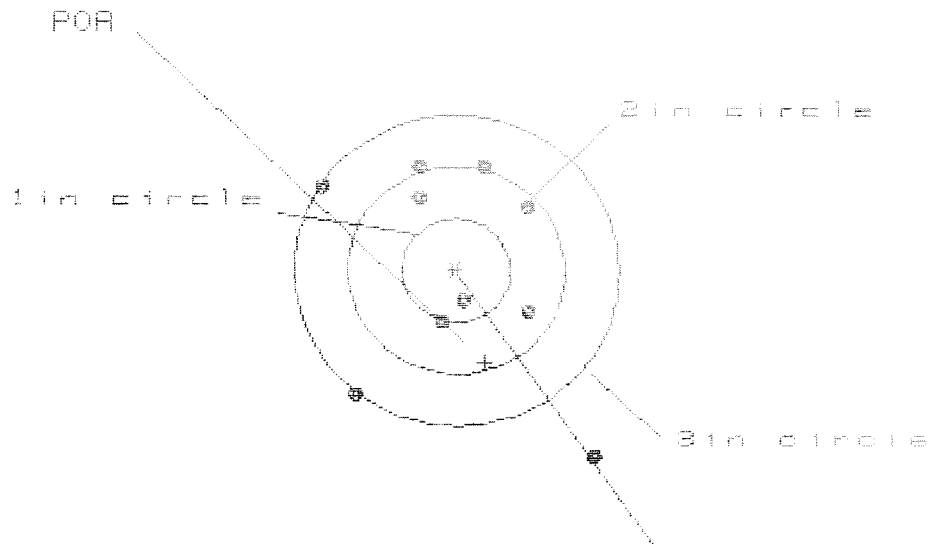
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.284	1.392	1.283
MINIMUM X	:	-1.357	-1.249	-1.075
MAXIMUM Y	:	1.721	1.703	1.545
MINIMUM Y	:	-1.454	-1.262	-0.946
CENTROID X	:	-0.029	-0.137	-0.311
CENTROID Y	:	.211	.019	.177
POA TO CENTROID in.	:	.213	.138	.358
MIN RADIUS	:	.486	.342	.225
MEAN RADIUS	:	1.226	1.090	.974
MAX RADIUS	:	1.978	1.879	1.555
HORIZONTAL SPREAD	:	2.641	2.641	2.358
VERTICAL SPREAD	:	3.175	2.965	2.491
EXTREME SPREAD	:	3.275	3.275	2.563
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	

18 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PAT1/06225458

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

HS = 2.521

VS = 2.799

GS = 3.627

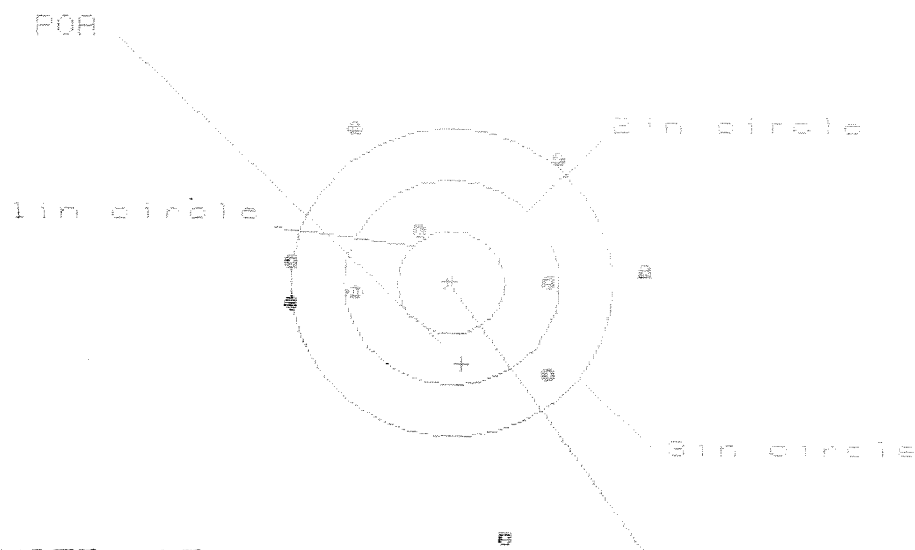
CENTROID #

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.299
MINIMUM X	-1.222
MAXIMUM Y	1.042
MINIMUM Y	-1.757
CENTROID X	-0.259
CENTROID Y	.891
POA TO CENTROID in.	.928
MIN RADIUS	.347
MEAN RADIUS	1.059
MAX RADIUS	2.185
HORIZONTAL SPREAD	2.521
VERTICAL SPREAD	2.799
EXTREME SPREAD	3.627
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	6
NUMBER IN THREE INCH CIRCLE =	8

18 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/0825-59

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 0

2 in = 3

3 in = 4

ME = 3.330

V0 = 4.001

GS = 4.260

PATTERN #	4	9	6
SHOTS (BEST OF)	10	9	6
MAXIMUM X	1.814	1.875	1.286
MINIMUM X	-1.516	-1.455	-1.221
MAXIMUM Y	1.508	1.265	1.256
MINIMUM Y	-2.462	-1.158	-1.173
CENTROID X	-0.099	-1.160	-1.384
CENTROID Y	.793	1.066	1.081
POA TO CENTROID IN.	.799	1.078	1.151
MIN RADIUS	.541	.280	.196
MEAN RADIUS	1.436	1.276	1.164
MAX RADIUS	2.521	1.878	1.647
HORIZONTAL SPREAD	3.330	3.330	2.587
VERTICAL SPREAD	4.001	2.423	3.423
EXTREME SPREAD	4.260	3.344	3.888
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	4		

PAYMENT:

Mastercard / Visa (circle one)

Card #: _____

Exp. Date: _____

Signature: _____

RETURN:

☐ Clark Street Entrance☐ Via US Mail or UPS

(PLEASE PRINT CLEARLY)

FIREARMS DELIVERED TO PLANTFILE Nº 011357DATE 05-29-96CUSTOMER NAME: Gordon ArmstrongADDRESS: FT. Bragg

ZIP: _____

PHONE: _____

FIREARM

MODEL: M24GAUGE: .308SERIAL # C1622502

REMINGTON EMPLOYEE:

YES ☐ NO ☒

EMPLOYEE # _____

DEPT. # _____

CHECK FOR AMMUNITION ☒

CONDITION:

WOOD GOOD FAIR POOR FANCY PLAIN

METAL GOOD FAIR POOR FANCY PLAIN

BARREL VT. RIB PLAIN DEER RSS

ACCESSORIES:

SCOPE: YES NO (BRAND NAME/POWER) _____

SLING: YES NO GUN CASE: YES NO (HARD - SOFT)

EXTRA BBL FOR GUN MENTIONED ABOVE:

OTHER (Note in this area items missing or added from orig. equipment)

CUSTOMER REQUEST: _____

SIGNATURE: [Signature]
(Person delivering firearm to Plant)DATE: 29 MAY 96SIGNATURE: [Signature]
(Security Officer)DATE: 05-29-96SIGNATURE: [Signature]
(Firearm picked up by)DATE: 5/30/96

Arm Service Copy

MAINTENANCE REQUEST				PAGE NO.	NO. OF PAGES	REQUIREMENTS CONTROL SYMBOL CSGLD - 1047(R1)	
For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG							
SECTION I - EQUIPMENT DATA							
CONTROL NUMBER		WORK ORDER NO.		WESDC		ORG. PD <i>02</i>	
PD AUTHENTICATION <i>[Signature]</i>		1A. ORGANIZATION <i>HSC, 2/7 SFG(A) FT. BRAGG, NC 28307</i>		B. LOCATION <i>BLDG E-3928 FT. BRAGG, NC 28307</i>		C. UNIT IDENT CODE <i>WH400 DP</i>	
2. SERIAL NO <i>C6225522</i>		3. NOUN NOMENCLATURE <i>RIFLE, SNIPER M24</i>		4. LINE NO <i>195387</i>		5. MODEL <i>M24</i>	
6. NATIONAL STOCK NUMBER <i>1005-240-2136</i>		7A. MAINTENANCE ACTIVITY		8. UTILIZATION CODE <i>DEPOT</i>		9A. MCSR ITEM	
B. LEVEL		9B. ERC <i>B</i>		9C. PACING ITEM		10. HOURS	
11. MILES		12. ROUNDS <i>4500</i>		13. STARTS			
14. FAILURE DETECTED DURING (Select one - use ☒ or X)				15. FIRST INDICATION OF TROUBLE (Select one - use ☒ or X)			
☐ A Sch. Main ☐ C Test ☐ E Storage ☐ G Flight ☐ B Handling ☒ D Normal Op ☐ F Inspection ☐ H Other				☐ 068 Inoperative ☐ 258 Overheating ☐ 790 Out of Adjustment ☐ 008 Noisy ☐ 387 Low Performance ☒ Other			
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs) <i>DEFECTIVE BOLT RELEASE</i>							
B. REMARKS <i>REPAIR AND RETURN REQUESTED. POC IS CPT BURNS AT (910) 432-5208</i>							
PREPARATION INSTRUCTIONS (Prior to using this form, read DA PAM 738-750 for detailed preparation instructions)							
1. Place a "✓" or an "X" in the box for the type of action required. 2. Enter the WESDC if the item is Materiel Condition Status Reportable. 3. Enter the priority designator as determined from the urgency of need and force activity designator. 4. The Unit Commander, Chief of TDA activity or their designated representative will authenticate, by signature, a priority of 01 through 08. 5. Block 1A. Enter the name of the organization submitting the request. 6. Block 1B. Enter the unit submitting the request; units overseas enter APO only. 7. Block 1C. Enter the unit identification code of the unit in block 1A. 8. Block 2. Enter the equipment serial number. For ammunition, enter the lot number. For administrative-use vehicles, enter the USA registration number. 9. Block 3. Enter the noun abbreviation of the item. 10. Block 4. Enter the item line number, if applicable. 11. Block 5. Enter the model number. 12. Block 6. Enter the National Stock Number of the item listed in Block 3.				13. Block 7. Enter the name of the support activity. 14. Block 7A. Enter the symbol of the maintenance category (O, F, H, D, or L). 15. Block 8. Enter the utilization code. 16. Block 9A. Enter the word "yes" if the item is Materiel Condition Status Reportable. 17. Block 9B. Enter the equipment readiness code, if applicable. 18. Block 9C. Enter the word "yes" if the item is a pacing item. 19. Block 10. Enter the hour reading, if applicable. 20. Block 11. Enter the mileage from the odometer, if applicable. 21. Block 12. Enter the total rounds fired, if applicable. 22. Block 13. For turbine engines, enter the number of hot starts. 23. Block 14. Enter a "✓" or "X" in the proper block. 24. Block 15. Enter a "✓" or "X" in the proper block. 25. Block 16. Describe briefly the fault or symptoms needing correction.			
23. SUBMITTED BY		24. RECEIVED BY		JULIAN DATE		JULIAN DATE	

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225455
17 Apr 1900

CENTROIDAL DISTANCES

0 TO	1	.484682
1 TO	2	.291389
1 TO	3	.446937
1 TO	4	.166301
1 TO	5	.0344384

429
+ -----FOR

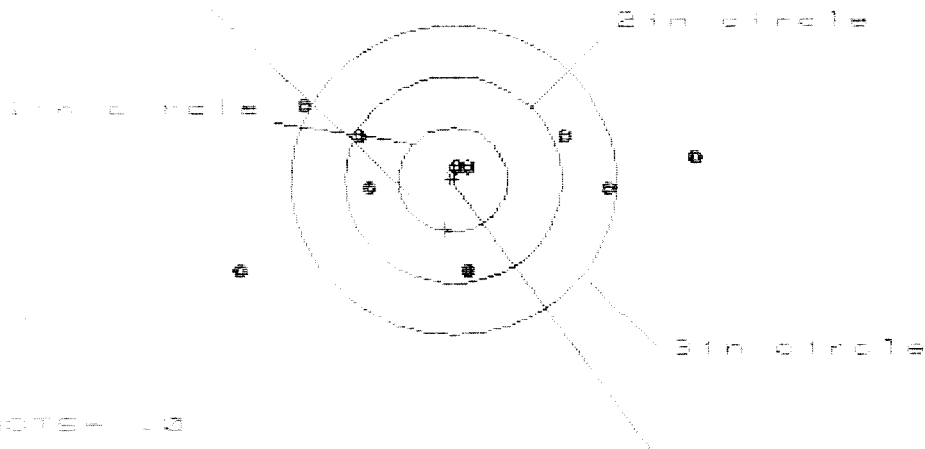
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2000
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .4272
THE RESULTING AVERAGE PUL RADIUS FOR THIS RIFLE IS: .471784
THE AMR FOR THIS RIFLE IS: 1.106

17 Apr 1988

FILE:MPATTERNING/CENTERFIRE_PATT/08225455

CENTERFIRE PATTERNS # 1

POR



OF SHOTS = 10

IN CIRC

1 in = 2

2 in = 5

3 in = 7

HS = 4.148

VS = 1.653

GS = 4.292

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.216	1.783	1.492
MINIMUM X	-1.932	-1.636	-1.386
MAXIMUM Y	.729	.752	.643
MINIMUM Y	-.924	-.901	-1.010
CENTROID X	.074	-.172	.039
CENTROID Y	.479	.456	.565
POR TO CENTROID in.	.484	.487	.566
MIN RADIUS	.075	.283	.058
MEAN RADIUS	1.153	1.042	.890
MAX RADIUS	2.225	1.899	1.528
HORIZONTAL SPREAD	4.148	3.389	2.878
VERTICAL SPREAD	1.653	1.653	1.653
EXTREME SPREAD	4.292	3.477	3.000
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		7	

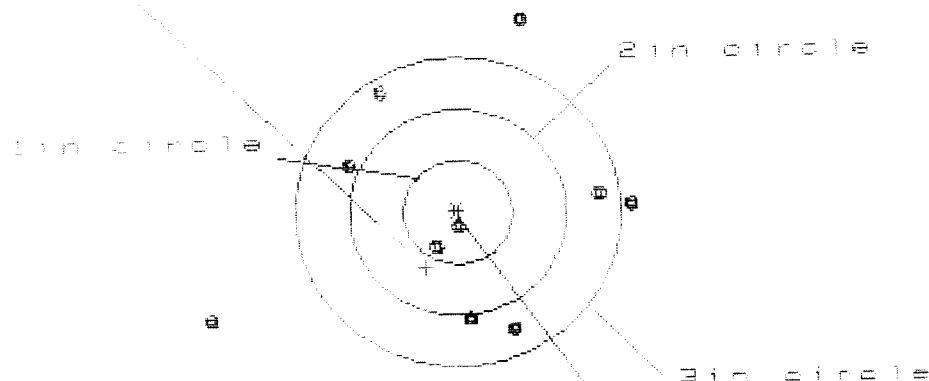
17 Apr 1988

FILE: \PATTERNING\CENTERFIRE_PAINT\08225455

CENTERFIRE PATTERNS

2

POP



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 2

3 in = 7

HS= 2.625

VS= 2.988

QS= 4.084

CENTROID +

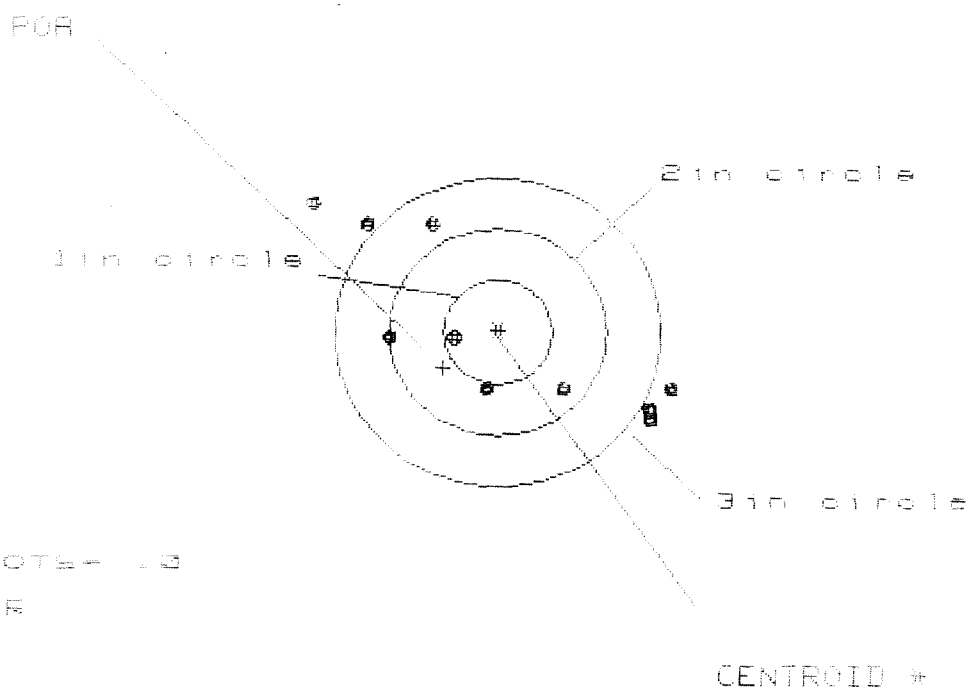
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.637	1.382	1.421
MINIMUM X	-2.288	-1.210	-1.171
MAXIMUM Y	1.845	1.726	1.277
MINIMUM Y	-1.143	-1.262	-1.046
CENTROID X	.299	.553	.514
CENTROID Y	.533	.652	.436
POP TO CENTROID in.	.611	.855	.674
MIN RADIUS	.178	.375	.214
MEAN RADIUS	1.267	1.147	1.018
MAX RADIUS	2.527	1.753	1.543
HORIZONTAL SPREAD	3.925	2.592	2.592
VERTICAL SPREAD	2.988	2.988	2.323
EXTREME SPREAD	4.084	2.989	2.625
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	2	
NUMBER IN THREE INCH CIRCLE	=	7	

17 Apr 1968

FILE: PATTERNING/CENTERFIRE_PATT/08225455

CENTERFIRE PATTERNS

3



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 3

3 in = 5

HS = 3.306

VS = 2.085

GS = 3.760

PATTERN #	1	2	3
SHOTS (BEST OF)	10	8	8
MAXIMUM X	1.610	1.421	1.427
MINIMUM X	-1.696	-1.359	-1.182
MAXIMUM Y	1.205	1.194	1.137
MINIMUM Y	-1.880	-1.746	-1.803
CENTROID X	.501	.689	.512
CENTROID Y	.347	.213	.270
POA TO CENTROID in.	.609	.721	.578
MIN RADIUS	.428	.496	.438
MEAN RADIUS	1.265	1.162	1.099
MAX RADIUS	2.086	1.809	1.640
HORIZONTAL SPREAD	3.306	2.781	2.609
VERTICAL SPREAD	2.085	1.940	1.940
EXTREME SPREAD	3.760	3.232	3.210
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	5		

17 Apr 1968

FILE:/PATTERNING/CENTERFIRE_PATT/08225455

CENTERFIRE PATTERNS # 4

FOR

1 in circle

2 in circle

3 in circle

+ OF SHOTS- 10

IN CIR

1 in = 3

2 in = 5

3 in = 10

HB = 2.188

VB = 2.188

GB = 2.484

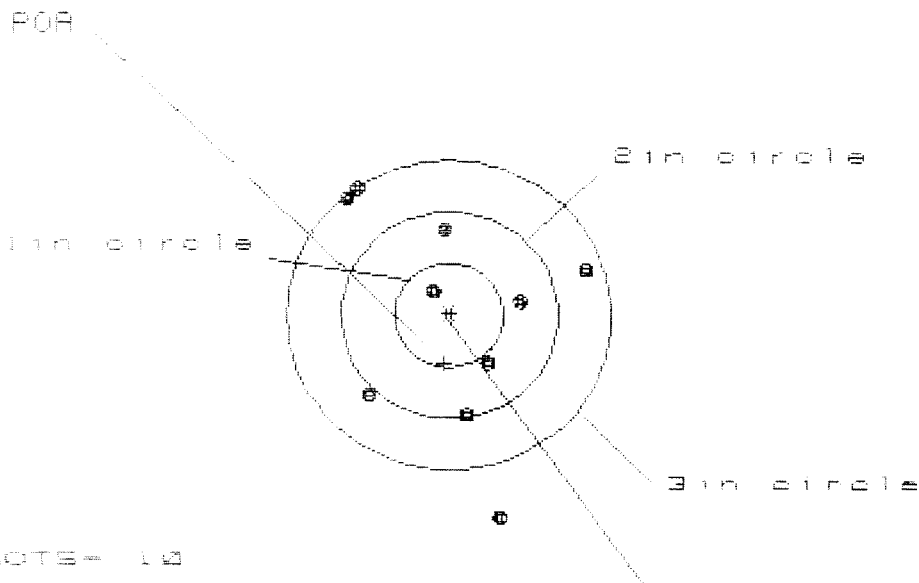
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10		
MAXIMUM X	:	1.113		1.188
MINIMUM X	:	-1.012	-1.011	1.921
MAXIMUM Y	:	1.371	.649	1.592
MINIMUM Y	:	-.818	-.665	-.722
CENTROID X	:	.084	.127	-.007
CENTROID Y	:	.313	.160	.217
POA TO CENTROID in.	:	.324	.204	.217
MIN RADIUS	:	.100	.164	.045
MEAN RADIUS	:	.776	.709	.625
MAX RADIUS	:	1.425	1.164	1.103
HORIZONTAL SPREAD	:	2.125	2.125	2.023
VERTICAL SPREAD	:	2.189	1.314	1.314
EXTREME SPREAD	:	2.484	2.131	2.062
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

17 Apr 1968

FILE:/PATTERNING/CENTERFIRE_PATT/C6225455

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS= 2.105

VS= 3.253

GS= 3.503

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.211
MINIMUM X	-0.894
MAXIMUM Y	1.286
MINIMUM Y	-1.968
CENTROID X	.043
CENTROID Y	.464
POA TO CENTROID in.	.466
MIN RADIUS	.320
MEAN RADIUS	1.069
MAX RADIUS	2.009
HORIZONTAL SPREAD	2.105
VERTICAL SPREAD	3.253
EXTREME SPREAD	3.503
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	8

21 DAY TURN - AROUND

M-24

CONTRACT # DAAA09-92-C-0834

Barrel

R&E NO.

SERIAL NO. C6225455

LOG IN DATE: 5/30/96		DATE	INIT.
INSPECT & VERIFY:			
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN		
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	6/6/96	RW
605	CHECK HEADSPACE	6/6/96	RW
610	DIS-ASSEMBLE		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY	6/18/96	RW
B	TRIGGER PULL TEST		
C	SAFETY ON FORCE		
D	SAFETY OFF FORCE		
E	FIRING PIN INDENT		
640	TARGET	6/18/96	RW
655	FINAL INSPECT	6/20/96	RW
660	PACK		

QAR INSPECTION

SHIP DATE

Final Inspection

Sn: C6225455

DATE REC'D: 5/30/96

DATE RET'D:

Auditor: RW

Item:

Barrel Assy.

☒ BARREL☒ RECEIVER☒ FRONT SIGHT BLOCK☒ REAR SIGHT BLOCK☒ SCREWS☒ FINISH

Item:

Stock Assy.

☒ STOCK☒ SLING SWIVEL STUDS☒ ADJUSTABLE BUTT PLATE☒ LOCK NUTS☒ BARREL CLEARANCE☒ COLOR/FINISH

Scope Assy.

☐ SCOPE☐ SCOPE RINGS☒ MOUNTING SCREWS☒ MOUNTING BASE☐ SCREWS☐ FINISH☐ LOOSENESS☐ CLARITY

Systems Case

☐ SCOPE CASE☐ IRON SIGHTS☐ DEPLOYMENT KIT

Trigger

☒ SAFETY OPERATION☒ SET

Misc.

☐ DD-250☐ BAR CODE☐ PACKAGING

Comments: _____

BARBER - M24 0061329

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225459
19 Feb 1999

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0444
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1896
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .194729

THE AMR FOR THIS RIFLE IS: 1.229

CENTROIDAL DISTANCES

Ø TO	1	.259093
1 TO	2	.52503
1 TO	3	.247316
1 TO	4	.138051
1 TO	5	.126115

3 1 4
2 5
+ <----POA

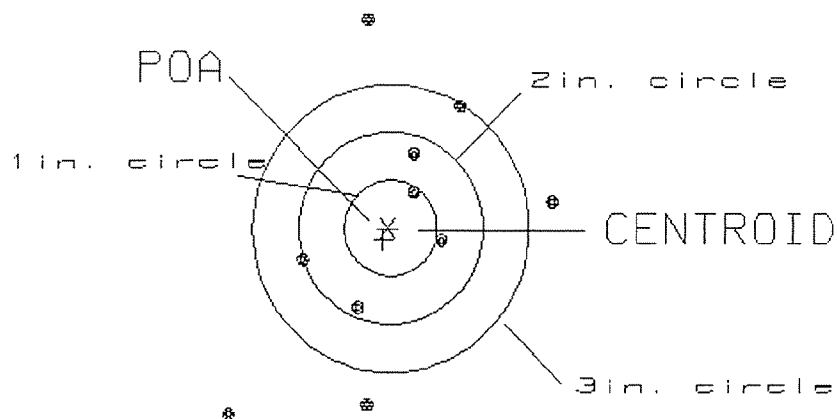
PATTERN #: 5

POA TO CENTROID: .134
 MIN RADIUS : .420
 MEAN RADIUS : 1.347
 MAX RADIUS : 2.535
 CENTROID X : .052
 CENTROID Y : .124

19 Feb 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225459

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.45

1

US= 4.09

4

GS= 4.35

6

BARBER - M24 0061331

REMINGTON CENTERFIRE ACCURACY TEST

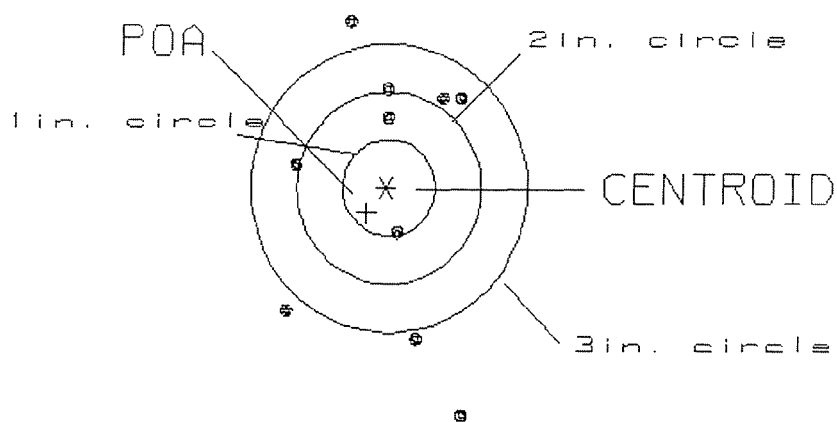
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 4
 POA TO CENTROID: .339
 MIN RADIUS : .449
 MEAN RADIUS : 1.320
 MAX RADIUS : 2.481
 CENTROID X : .212
 CENTROID Y : .265

19 Feb 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225459

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 1.89
 US= 4.14
 GS= 4.30

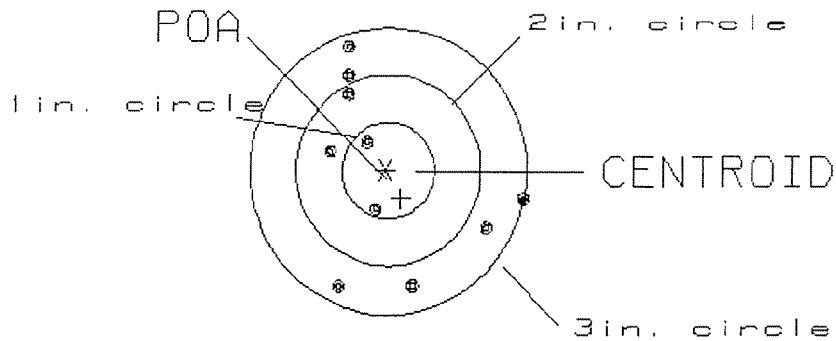
1
 2
 6

PATTERN #: 030
 POA TO CENTROID: .342
 MIN RADIUS : .318
 MEAN RADIUS : 1.000
 MAX RADIUS : 1.528
 CENTROID X : -.167
 CENTROID Y : .299

19 Feb 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225459

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.12

2

VS= 2.46

4

GS= 2.57

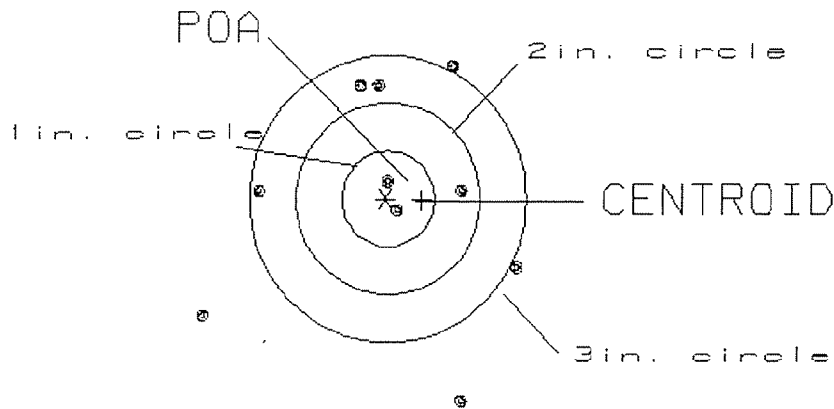
9

PATTERN #: 2
 POA TO CENTROID: .394
 MIN RADIUS : .115
 MEAN RADIUS : 1.262
 MAX RADIUS : 2.318
 CENTROID X : -.394
 CENTROID Y : .012

19 Feb 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225459

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.39
 VS= 3.51
 GS= 3.73

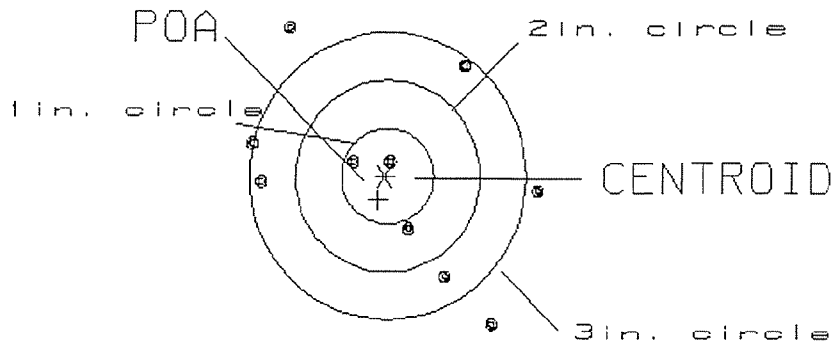
2
 3
 6

PATTERN #: 1
 POA TO CENTROID: .258
 MIN RADIUS : .110
 MEAN RADIUS : 1.216
 MAX RADIUS : 1.924
 CENTROID X : .075
 CENTROID Y : .248

19 Feb 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225459

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.15

2

VS= 3.06

3

GS= 3.82

6

BARBER - M24-0061335 RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 98-24066

INITIAL CUSTOMER ORDER NO.

JJM

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

11/12/98

11/13/98

C6225459

700 7.62

NATO

ACCESSORIES

FROM:

SHIP TO:

COMMANDER
1ST BN 1ST SFG A UNIT 35123
ATTN PROPERTY BOOK OFFICER
PSC 560 TORII STA. CA 96376

COMMANDER
1ST BN 1ST SFG A UNIT 35123
ATTN PROPERTY BOOK OFFICER
PSC 560 TORII STA. CA 96376

CUST NO:198287 C.O.D

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

UPS

GUN CONDITION

- ☐ NEW
☐ LIGHTLY WORN
☐ WORN
☐ VERY WORN
☐ UNREPAIRABLE
☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN

AMMO

FUNCTION

FINISH

ACCURACY

FIT

INSPECT

CYCLE

A1

B1

TRIGGER GROUP

B2

BOLT ASSY.

B3

BARREL ASSY.

B4

REC. ASSY.

B5

WOOD

C1

D3

METAL

C2

MAIN FAULT

PARTS

COMMENTS

Barrel

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

FD5925 REV. 7/97

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 006199961374