

C6225362

MODEL 700™ M24

Model 700 M24™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington®

Aims Services Repair & Estimate System

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

Repair Inquiry

Repair Number: **RE00042302** Serial: **C6225362** Model: **700** Center Fire Caliber: **7.62 NATO M-24 (SWS)** Repairman: Status: **Closed 2/26/02 7:06:13 AM**

Verify Repair

Address Information

Customer: **CCO SPT BN** Received From: **CCO SPT BN** Return To: **CCO SPT BN** Received From:

Address 1: **1ST SWTG(A)** Address 2: PO Box: City: **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: Fax: Email: Comments:

Received Condition

Condition: **Poor** Condition Notes: GSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A017	Scope Base	1
A026	Scope	1

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

maglet 2/26/02 9:08 AM CAPS NUM INS SERL

Start S F S C S C S E A 9:08 AM

Serial Number: **C6225362**

Model: **700**



RE00042302

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: E6225362.___0

FILE DATE AND TIME: 03/12/2002 21:44

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.067
The Average Y Centroid of the Five Target Set:	-0.106
The Average Point of Impact of the Five Target Set:	0.125
The Average Mean Radius of the Five Target Set:	0.703
The Distance from POA to Centroid Target #1:	0.222
The Distance from Centroid Target #2 to Centroid Target #1:	0.361
The Distance from Centroid Target #3 to Centroid Target #1:	0.309
The Distance from Centroid Target #4 to Centroid Target #1:	0.491
The Distance from Centroid Target #5 to Centroid Target #1:	0.201

BARBER - M24 0013717

SERIAL NUMBER: E6225362. __0

TARGET NUMBER: 1

FILE DATE: 03/12/2002

FILE TIME: 21:44

POINT#	X	Y
1:	1.150	0.405
2:	0.943	-0.163
3:	-0.157	0.417
4:	-0.321	0.295
5:	-0.211	0.023
6:	-0.276	-0.125
7:	-0.263	-0.509
8:	-0.276	-1.298
9:	0.791	-0.138
10:	0.500	-0.092

X CENTROID: 0.188

Y CENTROID: -0.119

POA TO CENTROID: 0.222

HORZ SPREAD: 1.471

VERT SPREAD: 1.715

GROUP SPREAD: 2.221

MIN RADIUS: 0.313

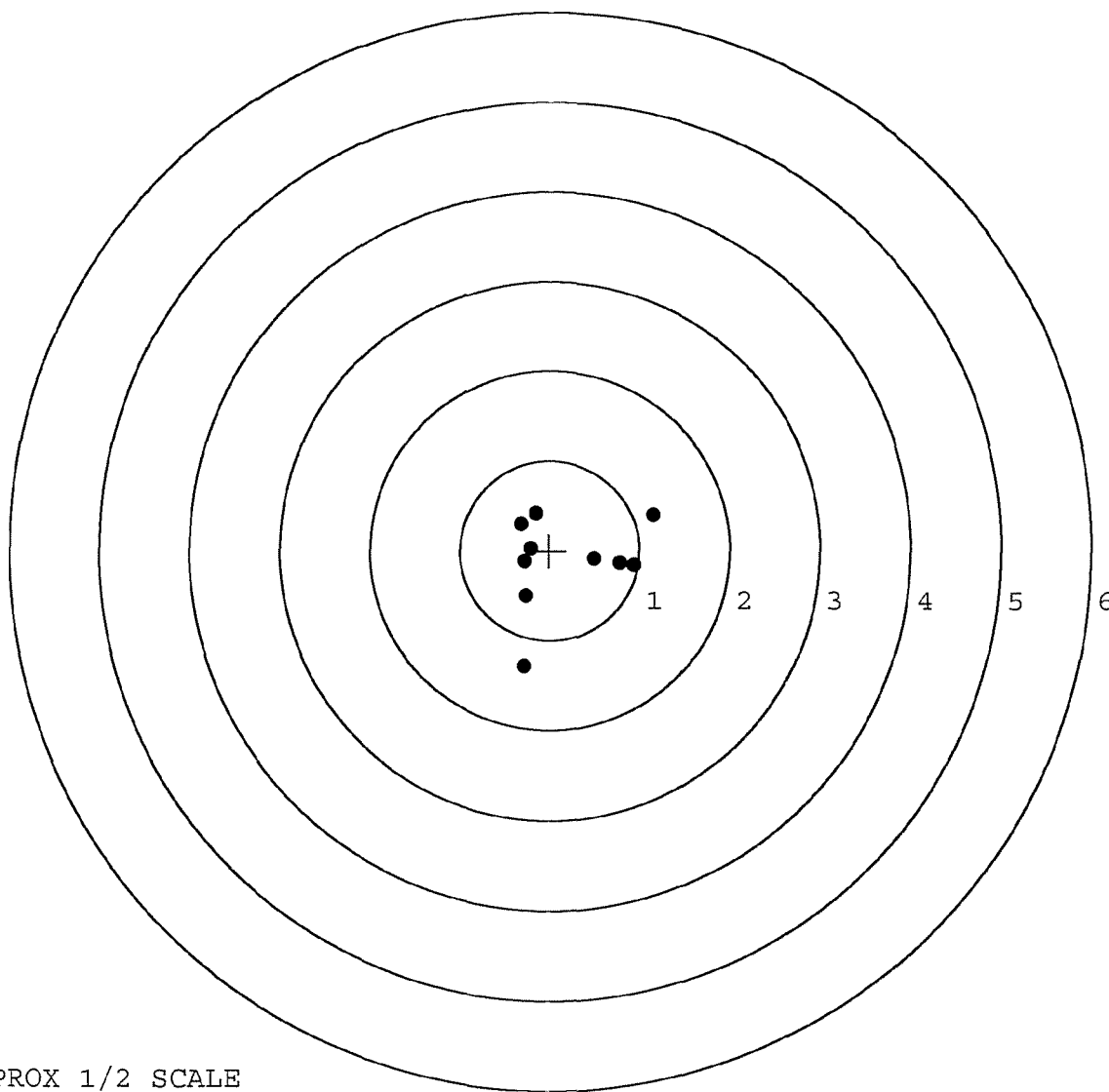
MAX RADIUS: 1.267

MEAN RADIUS: 0.681

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

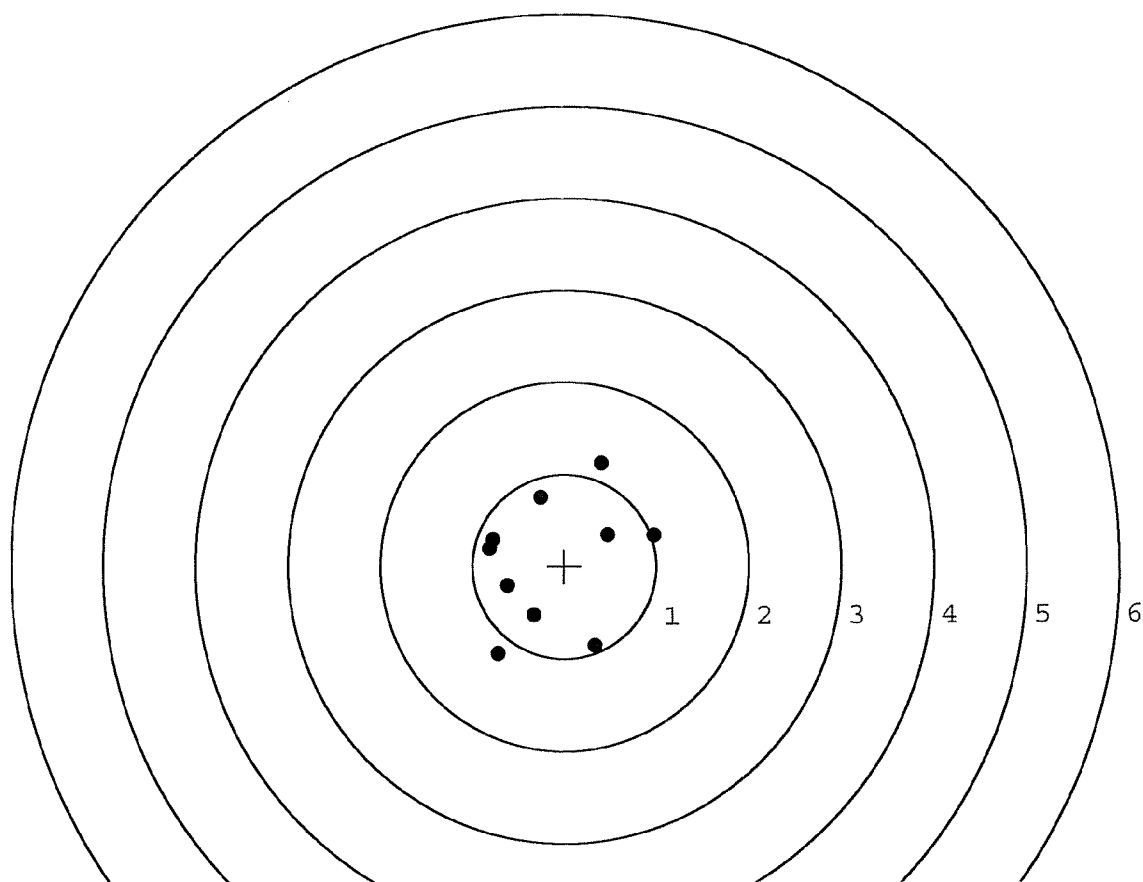


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6225362. 0
 TARGET NUMBER: 2
 FILE DATE: 03/12/2002
 FILE TIME: 21:44

POINT#	X	Y
1:	0.411	1.119
2:	-0.257	0.750
3:	-0.779	0.299
4:	-0.817	0.195
5:	-0.624	-0.216
6:	-0.337	-0.535
7:	-0.729	-0.949
8:	0.333	-0.872
9:	0.480	0.334
10:	0.980	0.332

X CENTROID: -0.134
 Y CENTROID: 0.046
 POA TO CENTROID: 0.141
 HORZ SPREAD: 1.797
 VERT SPREAD: 2.068
 GROUP SPREAD: 2.361
 MIN RADIUS: 0.556
 MAX RADIUS: 1.204
 MEAN RADIUS: 0.850
 # IN 1 IN DIAMETER: 0
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 10



BARBER - M24 0013719

SERIAL NUMBER: E6225362. __0

TARGET NUMBER: 3

FILE DATE: 03/12/2002

FILE TIME: 21:44

POINT#	X	Y
1:	0.280	0.537
2:	-0.856	0.079
3:	-0.661	-0.095
4:	-0.220	-0.306
5:	-0.024	-0.293
6:	-1.049	-0.709
7:	-0.668	-0.730
8:	0.306	-1.074
9:	1.017	-0.268
10:	1.098	0.098

X CENTROID: -0.078

Y CENTROID: -0.276

POA TO CENTROID: 0.287

HORZ SPREAD: 2.147

VERT SPREAD: 1.611

GROUP SPREAD: 2.294

MIN RADIUS: 0.056

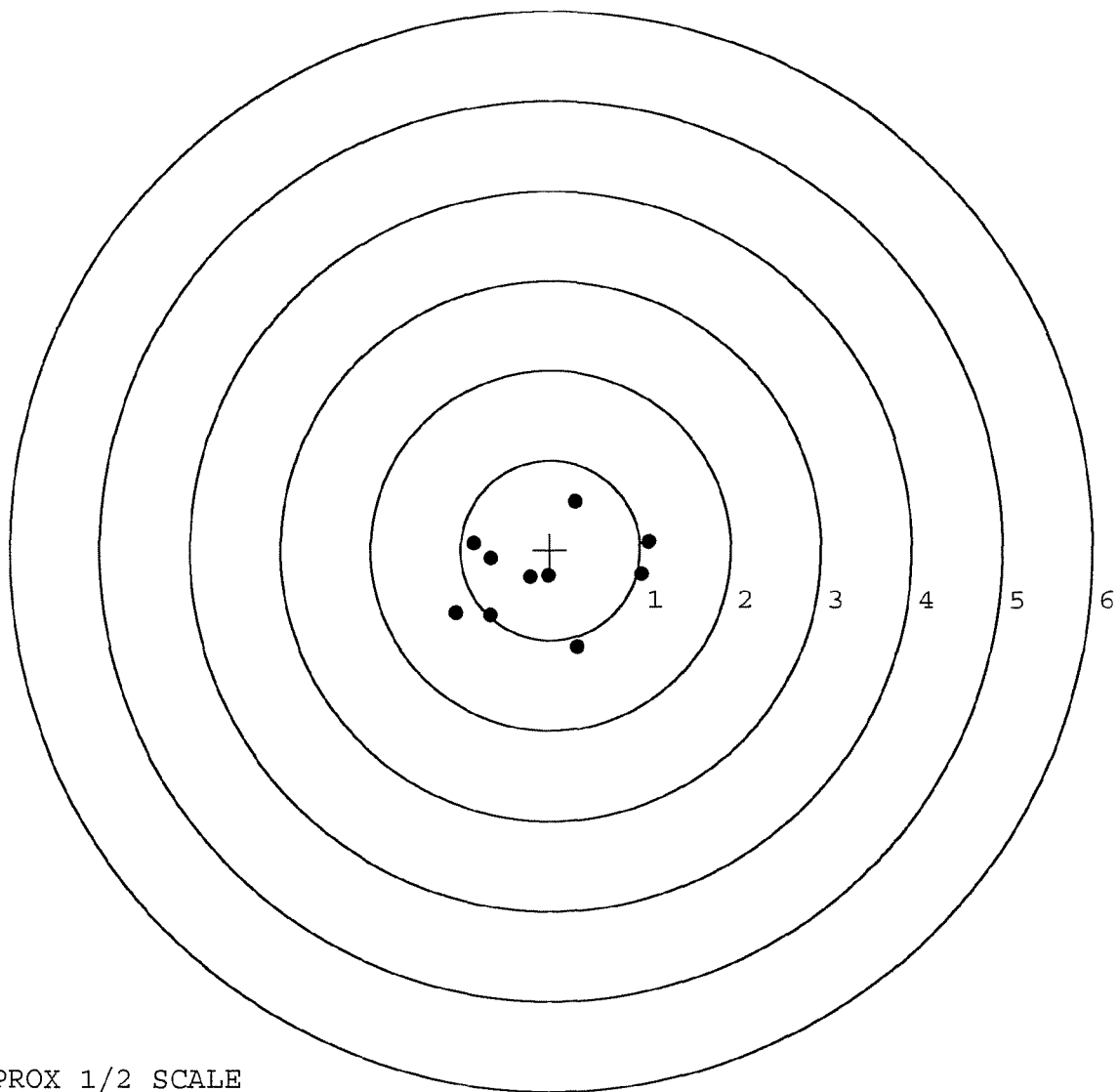
MAX RADIUS: 1.234

MEAN RADIUS: 0.758

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0013720

SERIAL NUMBER: E6225362. __0

TARGET NUMBER: 4

FILE DATE: 03/12/2002

FILE TIME: 21:44

POINT#	X	Y
1:	-0.892	0.990
2:	-0.113	0.779
3:	-0.911	0.351
4:	-0.587	-0.092
5:	-0.580	-0.375
6:	-0.198	-0.179
7:	0.327	-0.230
8:	0.187	-0.474
9:	-0.144	-0.576
10:	-0.095	-0.882

X CENTROID: -0.301

Y CENTROID: -0.069

POA TO CENTROID: 0.308

HORZ SPREAD: 1.238

VERT SPREAD: 1.872

GROUP SPREAD: 2.035

MIN RADIUS: 0.151

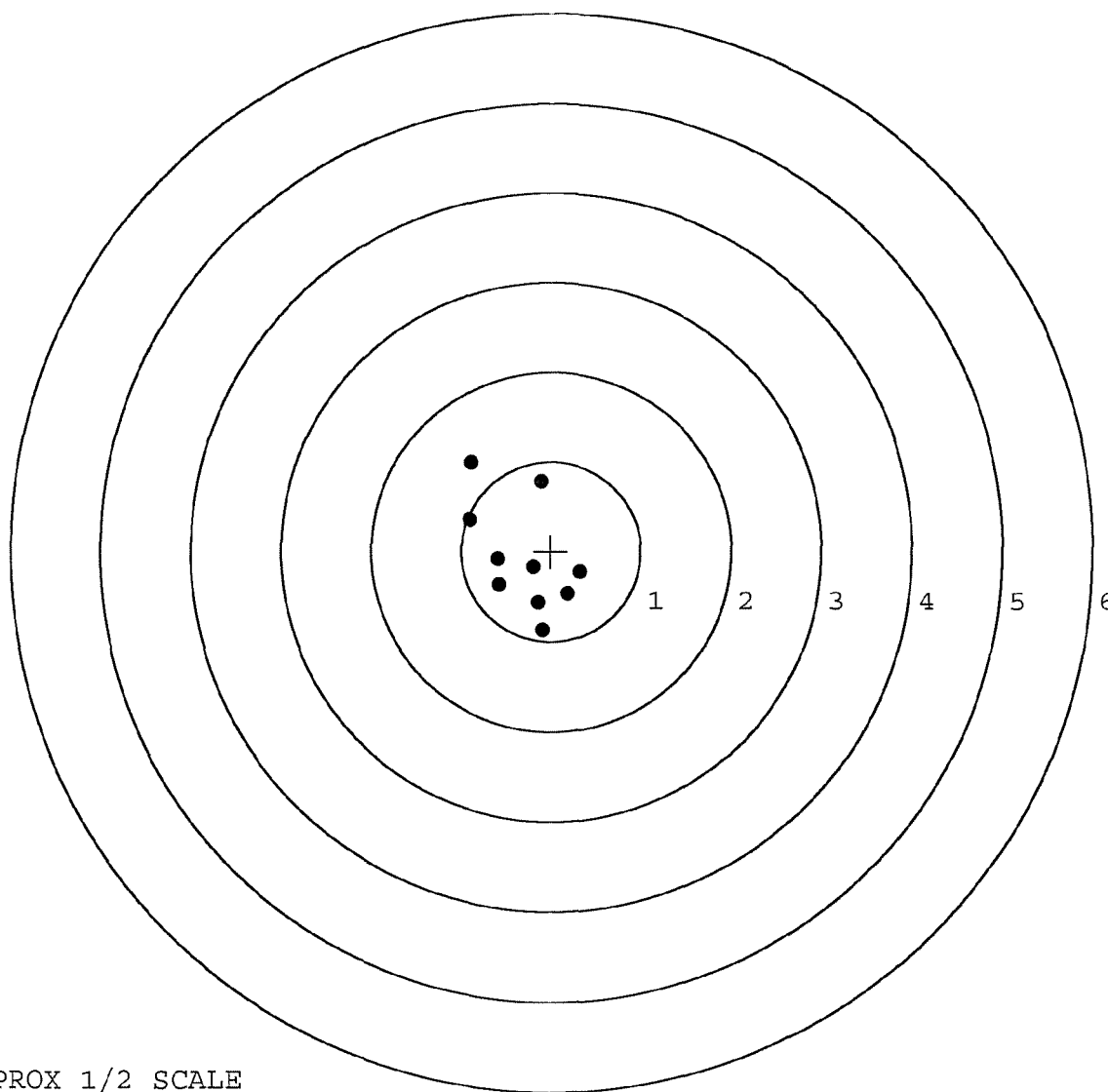
MAX RADIUS: 1.213

MEAN RADIUS: 0.633

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0013721

SERIAL NUMBER: E6225362.0

TARGET NUMBER: 5

FILE DATE: 03/12/2002

FILE TIME: 21:44

POINT#	X	Y
1:	-0.375	0.459
2:	-0.638	0.348
3:	-0.006	0.319
4:	-0.360	0.229
5:	0.224	0.018
6:	0.174	-0.234
7:	0.190	-0.565
8:	-0.341	-0.927
9:	1.297	-0.644
10:	-0.289	-0.121

X CENTROID: -0.012

Y CENTROID: -0.112

POA TO CENTROID: 0.112

HORZ SPREAD: 1.935

VERT SPREAD: 1.386

GROUP SPREAD: 2.174

MIN RADIUS: 0.223

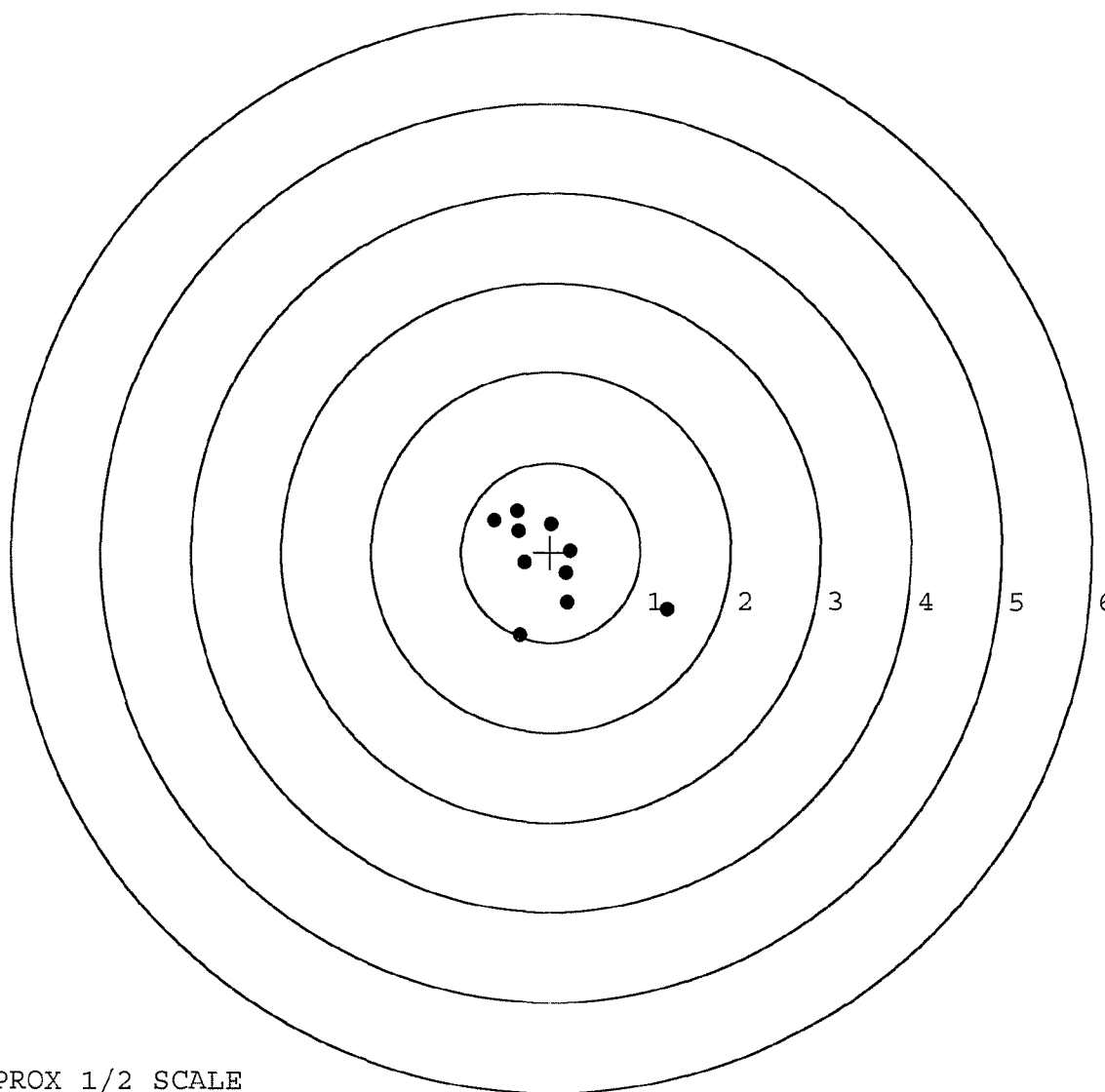
MAX RADIUS: 1.413

MEAN RADIUS: 0.593

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER ~~42302~~ 42302

SERIAL NUMBER C6225362

LOG-IN DATE 2/26/02

INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	3/1/02	RH
560 A	RE-BARREL AT CUSTOM SHOP	3/5/02	RH
B	DRILL AND TAP	3/5/02	RH
C	POLISH		
575	ASSEMBLE	3/6/02	RH
600	PROOF	3-6-02	
605	CHECK HEADSPACE	3-6-02	MAGNAFLUX INSPECTED
610	DIS-ASSEMBLE GUN	3/6/02	MAR 7 2002 RH
612	MAGNAFLUX		OPERATOR AC
615	ROLLMARK CALIBER	3/7/02	TW
618	ROTO-BLAST	3/8	TW
620	APPLY COATINGS	3-8	TA
625 A	FINAL ASSEMBLY	3-12-02	RW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	3-13-02	AC
655	FINAL INSPECT		
660	PACK	3-14-02	RW
		3-15-02	RA
		SHIP DATE	
		QAR INSPECTION DATE	

5081

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # *C6225362*

OPERATION		DATE	INT
#	NAME		
575-580	ASSEMBLY	<i>1/22</i>	<i>FB</i>
600	PROOF	<i>1/28/88</i>	<i>RLW</i>
615	MAGNAFLUX BARREL	<i>2/18/88</i>	<i>P/C</i>
	MAGNAFLUX BOLT	<i>2/25/88</i>	<i>P/C</i>
620	COATING	<i>3/21/88</i>	<i>JA</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			
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		12 Sept 88	JU W.B.
	F) Safety on Force	4.75 5# 5#	12-Sept 88	JU + WB
	G) Safety off Force	3# 3# 3#	12-Sept 88	JU + WB
	H) Trigger Pull Test & Retainability		12 Sept 88	JU + W.B.
	I) Firing Pin Indent	0.23 0.23 0.22	12-Sept 88	JU + WB
	J) Assemble Stock		9/14/88	RW
	K) Assemble Swivel Studs		10-12-88	J.S.
	L) Attach Front & Rear Sight Assemblies		9/14/88	RW
	M) Iron Sight Alignment		9/14/88	RW
	N) Detach Front & Rear Sights & place in numbered container		9/14/88	RW
	O) Attach Scope to Rifle		10/5/88	RW
	P) Detach & Attach Scope 20 times		10-5-88	J.S.
640	Gallery Target & Test	73 R 82L	10/11/88	D.T.
	A) Optical Clarity of Scope		10/11/88	JU
645	Inspect for Live Ammo		10/11/88	JU.
655	Final Inspection			
	A) Headspace		10-12-88	J.S.
	B) Trigger Pull		10-14-88	J.S.
	C) Function		10-12-88	J.S.
660	Pack		10-21-88	J.S.

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

SERIAL NO. C6225362DATE 12 Sept. 88TESTER J. H. V. B.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.65	2.08	2.03 225	MIN. SETTING,
PULL #2	2.61	2.28	2.37 268	NO AVG. OF 5
PULL #3	2.76	2.21	2.18 267	READINGS ACCEPT-
PULL #4	2.72	2.28	2.10 246	ABLE LESS THAN 2#
PULL #5	2.83	2.15	2.24 276	
TOTAL	13.57	11.00	10.92 1382	
AVG.	2.71	2.200	2.184 2.764	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.10	3.29		
PULL #2	3.27	3.25		
PULL #3	3.14	3.00		
PULL #4	3.33	3.09		
PULL #5	3.10	3.25		
TOTAL	15.94	15.91		
AVG.	3.188	3.182		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.08	4.20		4.22
PULL #2	4.06	4.08		4.38
PULL #3	4.15	4.26		4.44
PULL #4	4.19	4.00		4.37
PULL #5	4.17	4.21		4.42
TOTAL	20.65	20.75		21.84
AVG.	4.13	4.15		4.368

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 6225362

CENTROIDAL DISTANCES

0 TO	1	1.23228
1 TO	2	.649776
1 TO	3	.236907
1 TO	4	.89326
1 TO	5	.759366

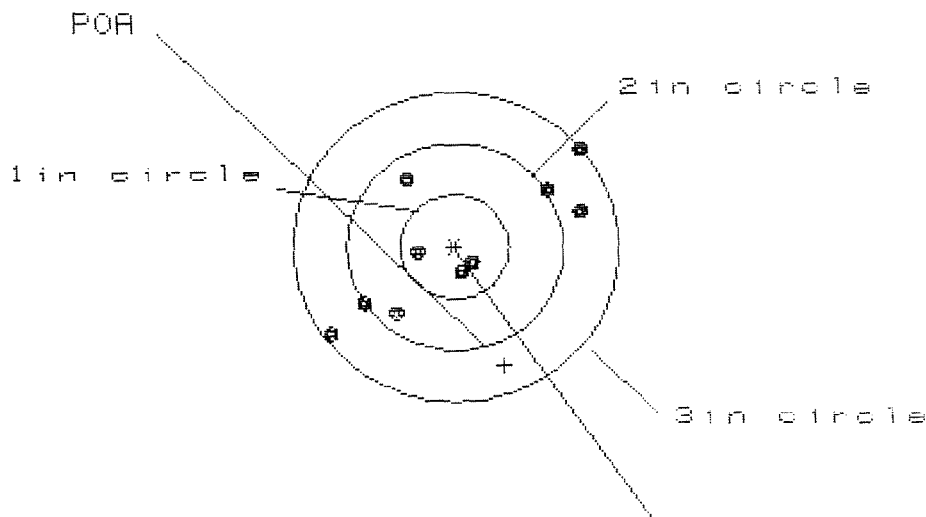
$\bar{x}$ $\bar{y}$
 + <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.8066
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .8934
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 1.20365
 THE AMR FOR THIS RIFLE IS: 1.015

11 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/6225362

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1 in - 3

2 in - 5

3 in - 10

HS = 2.273

VS = 1.784

GS = 2.889

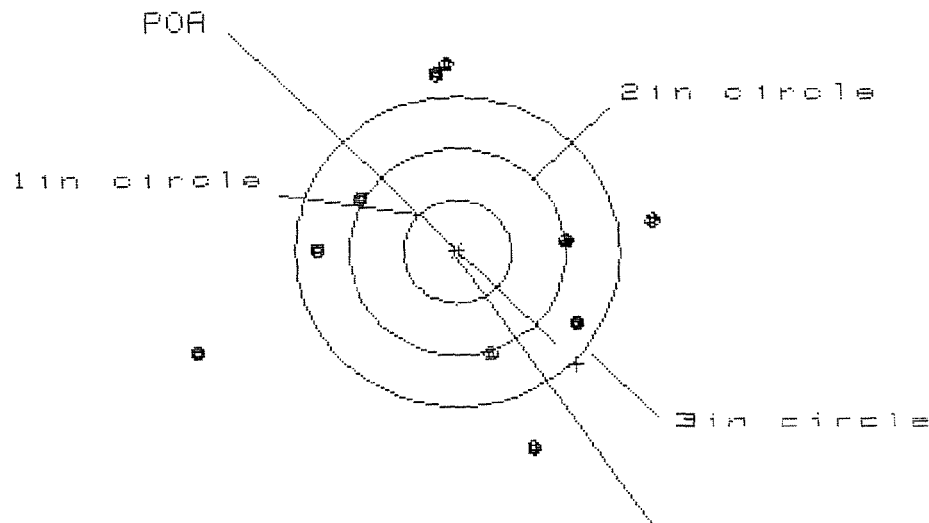
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.126	1.228	1.101
MINIMUM X	-1.147	-1.022	-.873
MAXIMUM Y	.963	.723	.634
MINIMUM Y	-.821	-.714	-.640
CENTROID X	-.453	-.578	-.451
CENTROID Y	1.146	1.039	1.128
POA TO CENTROID in.	1.232	1.189	1.215
MIN RADIUS	.220	.225	.202
MEAN RADIUS	.858	.766	.708
MAX RADIUS	1.482	1.326	1.175
HORIZONTAL SPREAD	2.273	2.250	1.974
VERTICAL SPREAD	1.784	1.437	1.274
EXTREME SPREAD	2.889	2.557	2.186
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

11 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/6225362

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in = 0

2 in = 1

3 in = 5

HS = 4.186

VS = 3.645

GS = 4.372

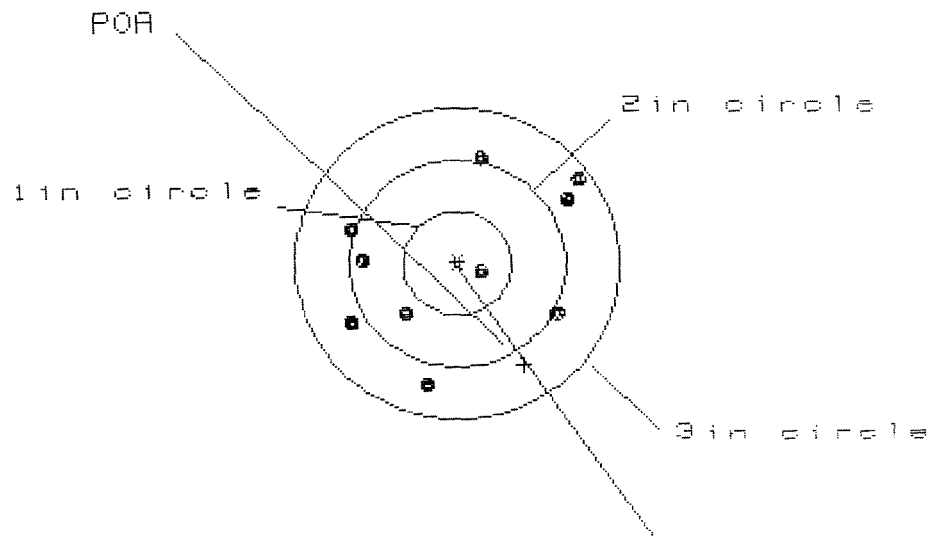
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.789	1.523	1.583
MINIMUM X	:	-2.397	-1.592	-1.532
MAXIMUM Y	:	1.790	1.694	1.438
MINIMUM Y	:	-1.855	-1.961	-1.312
CENTROID X	:	-1.100	-.834	-.894
CENTROID Y	:	1.086	1.192	1.438
POA TO CENTROID in.	:	1.546	1.455	1.693
MIN RADIUS	:	.997	.745	.830
MEAN RADIUS	:	1.552	1.408	1.326
MAX RADIUS	:	2.581	2.019	1.583
HORIZONTAL SPREAD	:	4.186	3.115	3.115
VERTICAL SPREAD	:	3.645	3.645	2.750
EXTREME SPREAD	:	4.372	3.747	3.128
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	1		
NUMBER IN THREE INCH CIRCLE	=	5		

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FILE:/PATTERNING/CENTERFIRE_PATT/6225362

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 3

3 in = 10

HS = 2.130

VS = 2.211

GS = 2.492

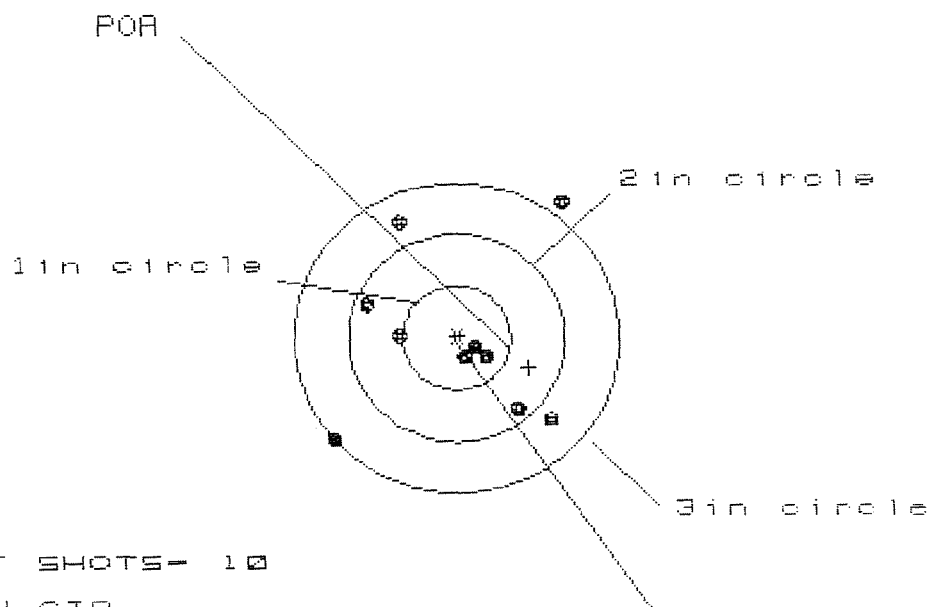
CENTROID #

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.142	1.161	1.148
MINIMUM X	-0.988	-0.861	-0.874
MAXIMUM Y	1.010	1.097	0.958
MINIMUM Y	-1.201	-1.114	-0.591
CENTROID X	-0.618	-0.745	-0.732
CENTROID Y	0.976	0.889	1.028
POA TO CENTROID in.	1.155	1.160	1.262
MIN RADIUS	0.239	0.358	0.363
MEAN RADIUS	0.981	0.918	0.894
MAX RADIUS	1.386	1.377	1.296
HORIZONTAL SPREAD	2.130	2.022	2.022
VERTICAL SPREAD	2.211	2.211	1.549
EXTREME SPREAD	2.492	2.331	2.331
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	10		

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FILE:/PATTERNING/CENTERFIRE_PATT/6225362

CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1in = 3

2in = 6

3in = 9

HS = 2.051

VS = 2.221

GS = 3.023

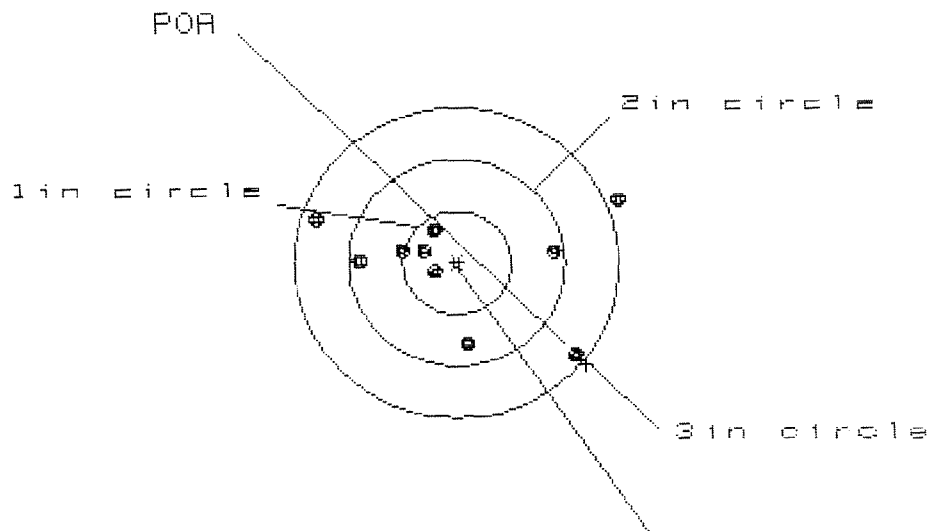
CENTROID #

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.929	.992	.864
MINIMUM X	-1.122	-1.019	-.833
MAXIMUM Y	1.284	1.291	1.191
MINIMUM Y	-.937	-.794	-.723
CENTROID X	-.668	-.771	-.643
CENTROID Y	.279	.136	.236
POA TO CENTROID in.	.724	.783	.685
MIN RADIUS	.159	.167	.127
MEAN RADIUS	.848	.763	.667
MAX RADIUS	1.585	1.348	1.299
HORIZONTAL SPREAD	2.051	2.011	1.697
VERTICAL SPREAD	2.221	2.085	1.914
EXTREME SPREAD	3.023	2.361	2.361
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

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FILE:/PATTERNING/CENTERFIRE_PATT/6225362

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in - 3

2 in - 7

3 in - 9

HS- 2.846

VS- 1.457

GS- 2.851

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.494	1.217	1.069
MINIMUM X	:	-1.352	-1.186	-.914
MAXIMUM Y	:	.626	.534	.419
MINIMUM Y	:	-.831	-.762	-.695
CENTROID X	:	-1.124	-1.360	-1.212
CENTROID Y	:	.980	.911	.844
POA TO CENTROID in.:	:	1.545	1.637	1.477
MIN RADIUS	:	.220	.041	.198
MEAN RADIUS	:	.836	.698	.664
MAX RADIUS	:	1.620	1.436	1.275
HORIZONTAL SPREAD	:	2.846	2.403	1.983
VERTICAL SPREAD	:	1.457	1.296	1.114
EXTREME SPREAD	:	2.851	2.730	2.142
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

INTERCHANGEABILITY

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225362

CENTROIDAL DISTANCES

Ø TO	1	1.6733
1 TO	2	.695374
1 TO	3	.777335
1 TO	4	.89479
1 TO	5	.433518

1
2
5
4
+ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .4428
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: 1.057
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 1.146
THE AMR FOR THIS RIFLE IS: 1.089

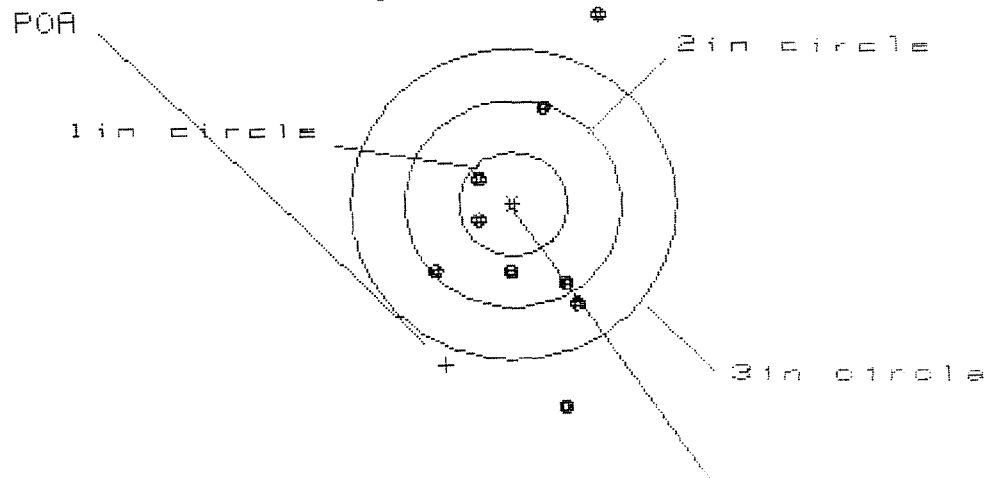
INTERCHANGEABILITY

18 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225362

CENTERFIRE PATTERNS

1



OF SHOTS= 10

CENTROID #

IN CIR

1 in = 2

2 in = 4

3 in = 7

HS= 1.945

VS= 4.034

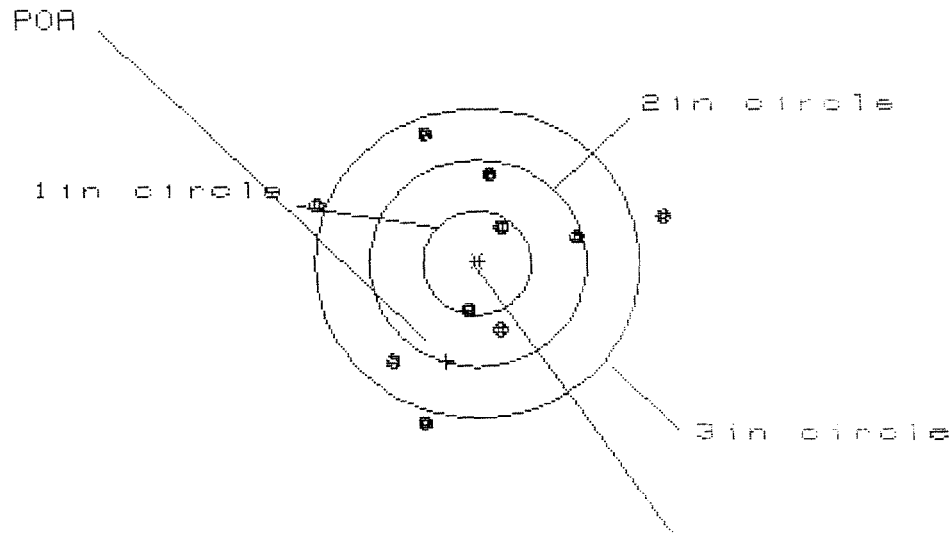
GS= 4.373

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.736	.601	.645
MINIMUM X	-1.209	-.892	-.848
MAXIMUM Y	2.060	2.079	1.861
MINIMUM Y	-1.974	-1.746	-1.975
CENTROID X	.618	.753	.709
CENTROID Y	1.555	1.327	1.545
POA TO CENTROID in.	1.674	1.525	1.700
MIN RADIUS	.340	.422	.423
MEAN RADIUS	1.181	1.016	.933
MAX RADIUS	2.388	2.165	1.970
HORIZONTAL SPREAD	1.945	1.493	1.493
VERTICAL SPREAD	4.034	3.825	2.836
EXTREME SPREAD	4.373	3.834	2.931
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	7		

18 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225362

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 7

HS= 3.195

VS= 2.816

GS= 3.198

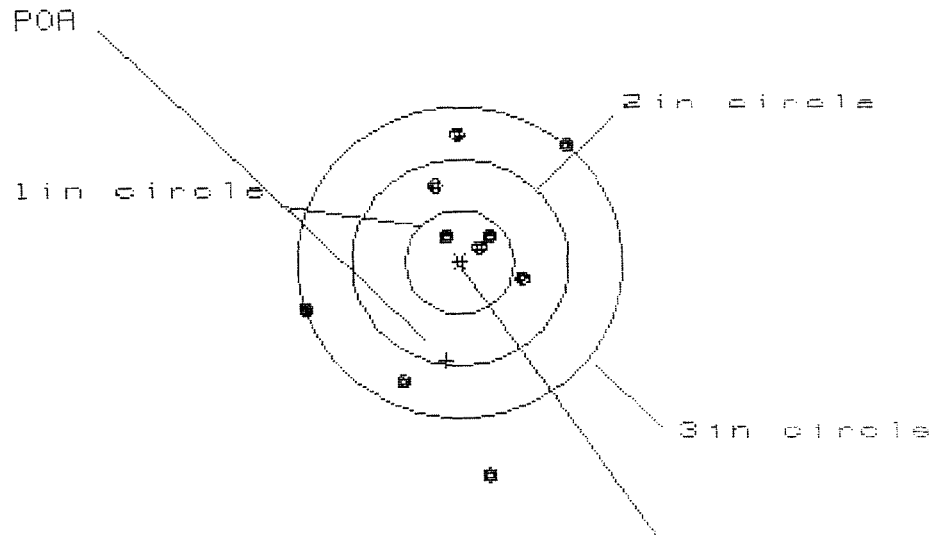
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.754	1.149	1.112
MINIMUM X	:	-1.441	-1.246	-1.283
MAXIMUM Y	:	1.223	1.268	1.075
MINIMUM Y	:	-1.593	-1.548	-1.111
CENTROID X	:	.286	.091	.128
CENTROID Y	:	.944	.899	1.092
POA TO CENTROID in.	:	.986	.904	1.100
MIN RADIUS	:	.423	.384	.431
MEAN RADIUS	:	1.096	1.022	.940
MAX RADIUS	:	1.800	1.575	1.343
HORIZONTAL SPREAD	:	3.195	2.395	2.395
VERTICAL SPREAD	:	2.816	2.816	2.186
EXTREME SPREAD	:	3.198	2.816	2.412
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

18 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225362

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 8

HS= 2.385

VS= 3.273

GS= 3.281

CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.980	1.007	.709
MINIMUM X	:	-1.405	-1.378	-1.252
MAXIMUM Y	:	1.254	1.030	1.147
MINIMUM Y	:	-2.019	-1.396	-1.280
CENTROID X	:	.125	.098	-.026
CENTROID Y	:	.954	1.178	1.062
POA TO CENTROID in.	:	.962	1.182	1.062
MIN RADIUS	:	.230	.083	.121
MEAN RADIUS	:	.980	.813	.775
MAX RADIUS	:	2.033	1.541	1.377
HORIZONTAL SPREAD	:	2.385	2.385	1.961
VERTICAL SPREAD	:	3.273	2.426	2.426
EXTREME SPREAD	:	3.281	2.885	2.483
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

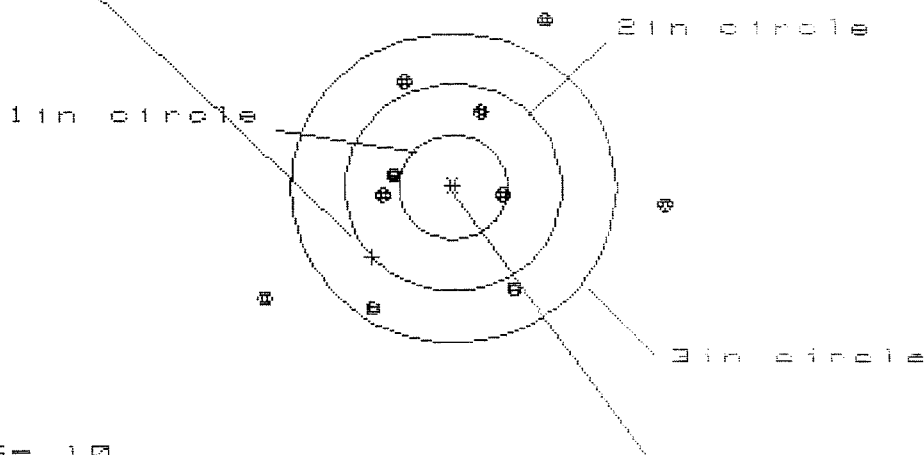
18 Oct 1986

FILE:/PATTERNING/CENTERFIRE_PATT/C8225362

CENTERFIRE PATTERNS

4

POA



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 7

HS= 3.634

VS= 2.795

GS= 3.730

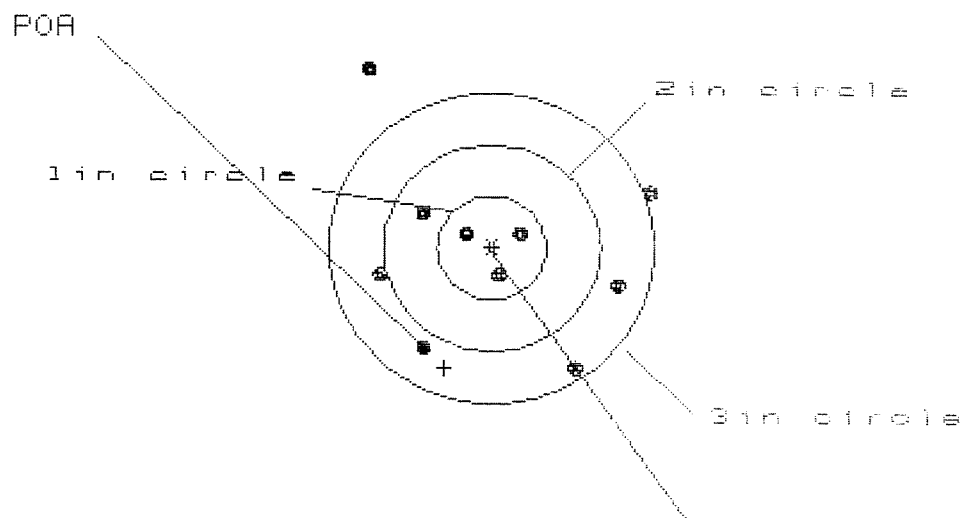
CENTROID *

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.910	1.719	.878
MINIMUM X	:	-1.724	-.898	-.683
MAXIMUM Y	:	1.619	1.504	1.466
MINIMUM Y	:	-1.176	-1.291	-1.329
CENTROID X	:	.750	.941	.726
CENTROID Y	:	.670	.785	.823
POA TO CENTROID in.	:	1.005	1.225	1.098
MIN RADIUS	:	.484	.341	.507
MEAN RADIUS	:	1.178	1.081	.971
MAX RADIUS	:	2.010	1.746	1.708
HORIZONTAL SPREAD	:	3.634	2.617	1.561
VERTICAL SPREAD	:	2.795	2.795	2.795
EXTREME SPREAD	:	3.730	3.201	3.201
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	7		

18 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225362

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in = 3

2 in = 4

3 in = 8

HS = 2.601

VS = 2.921

GS = 3.499

CENTROID #

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.474
MINIMUM X	-1.127
MAXIMUM Y	1.735
MINIMUM Y	-1.186
CENTROID X	.435
CENTROID Y	1.162
POA TO CENTROID in.	1.241
MIN RADIUS	.282
MEAN RADIUS	1.009
MAX RADIUS	2.069
HORIZONTAL SPREAD	2.601
VERTICAL SPREAD	2.921
EXTREME SPREAD	3.499
NUMBER IN ONE INCH CIRCLE =	3
NUMBER IN TWO INCH CIRCLE =	4
NUMBER IN THREE INCH CIRCLE =	8

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6225362

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		2/12/92	RW
600	Proof		2/14/92	RW
607	Check Headspace		2/12/92	RW
610	Dis-assemble Gun		2/12/92	RW
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		2/25/92	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/25/92	RW
	C) Inspect Ejector Hole for Chamfer		2/25/92	RW
	D) Oil Firing Pin Ass'y		2/25/92	RW
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	BARBER - M24 0013741							
	F) Safety On Force	3	4	4	4		2/26/92	RW
	G) Safety Off Force	3	2.5	3	3		2/26/92	RW
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	1.0205	.020	.021	.021		2/26/92	RW
	J) Assemble Stock						2/25/92	RW
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies						2/25/92	RW
	M) Iron Sight Alignment						2/25/92	RW
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test						2-25-92	A
	A) Time						2-25-92	A
	B) Malfunctions						2-25-92	A
	C) Pierced Primers						2-25-92	A
	D) Optical Clarity of Scope						2-25-92	A
645	Inspect for Live Ammo						2-25-92	A
655	Final Inspection							
	A) Headspace						2/26/92	RW
	B) Trigger Pull	2.30	2.30	2.27	2.26	2.28	2/26/92	RW
	C) Function						2/26/92	RW
660	Pack							

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225362
26 Feb 1992

CENTROIDAL DISTANCES

0 TO	1	.142425
1 TO	2	.327758
1 TO	3	.423597
1 TO	4	.419008
1 TO	5	.159878

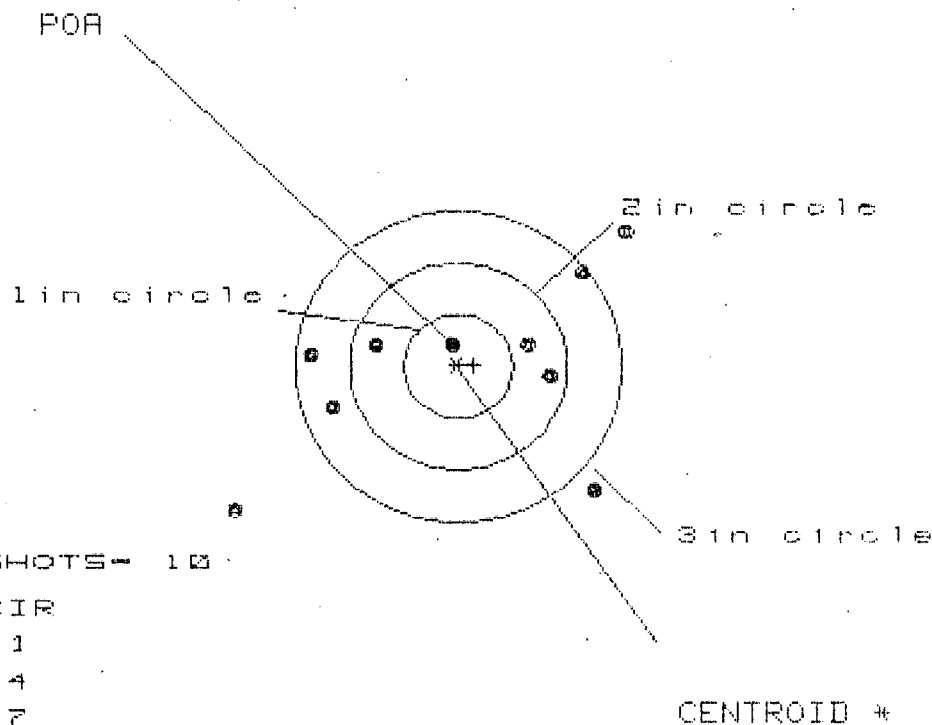
$\frac{8}{15}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0414
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1424
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .148296
THE AMR FOR THIS RIFLE IS: 1.171

26 Feb 1982

FILE:/PATTERNING/CENTERFIRE_PATT/06225382

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 7

HS= 3.581

VS= 2.720

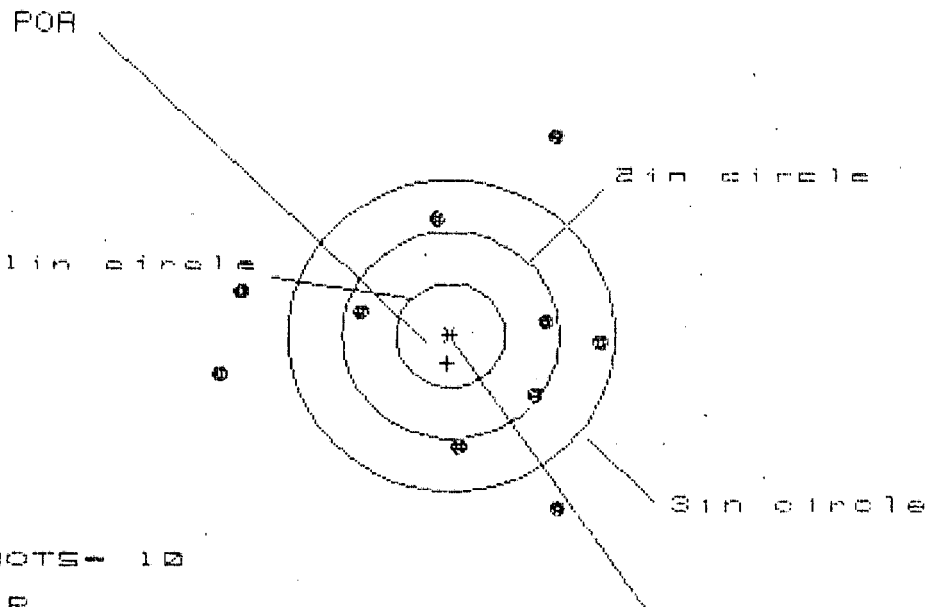
GS= 4.497

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.540	1.313	1.188
MINIMUM X	-2.041	-1.625	-1.461
MAXIMUM Y	1.326	1.171	.935
MINIMUM Y	-1.394	-1.386	-1.240
CENTROID X	-.142	.085	-.079
CENTROID Y	-.011	.144	-.002
POA TO CENTROID in.	.142	.167	.079
MIN RADIUS	.229	.246	.231
MEAN RADIUS	1.299	1.132	1.057
MAX RADIUS	2.472	1.759	1.717
HORIZONTAL SPREAD	3.581	2.938	2.649
VERTICAL SPREAD	2.720	2.557	2.175
EXTREME SPREAD	4.497	3.226	2.986
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	7		

26 Feb 1932

FILE:/PATTERNING/CENTERFIRE_PATT/05225362

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in = 0

2 in = 3

3 in = 6

HS = 3.575

VS = 3.531

GS = 3.841

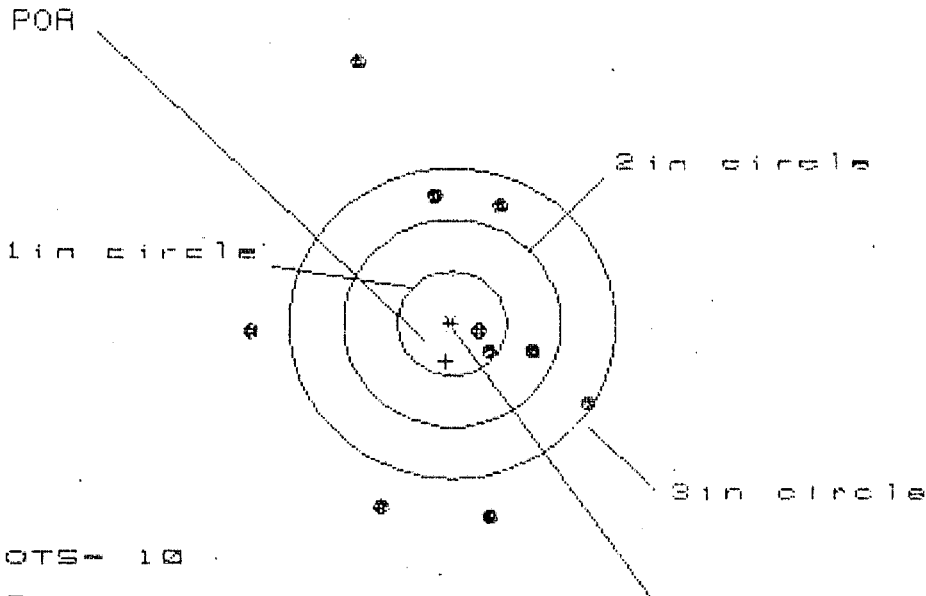
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.400	1.158	1.247
MINIMUM X	:	-2.175	-2.136	-2.047
MAXIMUM Y	:	1.894	1.856	1.285
MINIMUM Y	:	-1.637	-1.675	-1.443
CENTROID X	:	.030	.272	.183
CENTROID Y	:	.268	.306	.074
POA TO CENTROID in.	:	.270	.409	.197
MIN RADIUS	:	.837	.593	.726
MEAN RADIUS	:	1.443	1.322	1.226
MAX RADIUS	:	2.201	2.176	2.147
HORIZONTAL SPREAD	:	3.575	3.294	3.294
VERTICAL SPREAD	:	3.531	3.531	2.728
EXTREME SPREAD	:	3.841	3.547	3.547
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		6	

26 Feb 1992

FILE:/PATTERNING/CENTERFIRE_PATT/06225362

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 3

3 in = 6

HS= 3.068

VS= 4.423

GS= 4.582

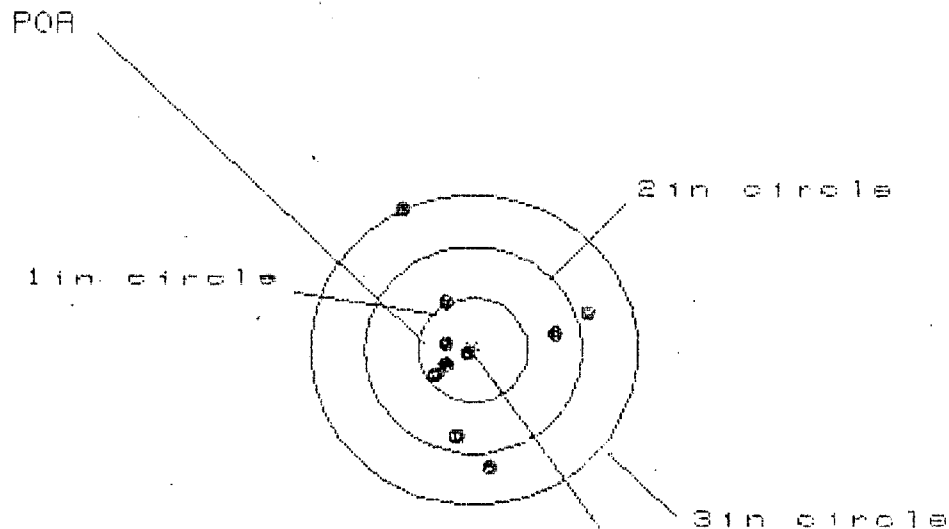
CENTROID +

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.268	1.167	1.201
MINIMUM X	-1.808	-1.901	-1.867
MAXIMUM Y	2.566	1.565	1.369
MINIMUM Y	-1.857	-1.572	-1.640
CENTROID X	.055	.148	.114
CENTROID Y	.364	.079	.275
POA TO CENTROID in.	.368	.168	.298
MIN RADIUS	.276	.240	.225
MEAN RADIUS	1.382	1.193	1.133
MAX RADIUS	2.697	1.913	1.867
HORIZONTAL SPREAD	3.068	3.068	3.068
VERTICAL SPREAD	4.423	3.137	3.009
EXTREME SPREAD	4.582	3.177	3.146
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	6		

28 Feb 1992

FILE:/PATTERNING/CENTERFIRE_PATT/C8225362

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 7

3 in = 9

HSI = 1.698

VS = 2.484

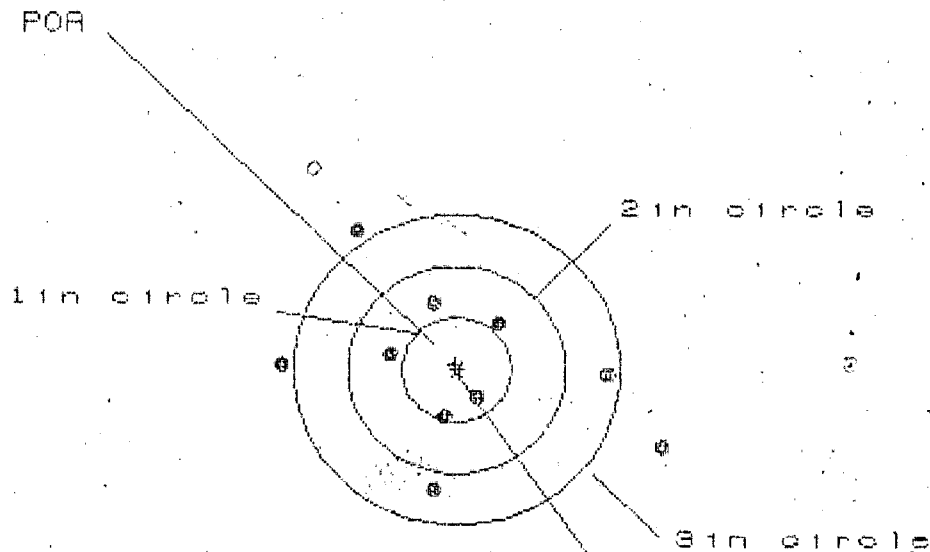
GS = 2.626

PATTERN #	4
SHOTS (BEST OF)	10
MAXIMUM X	1.021
MINIMUM X	-.677
MAXIMUM Y	1.354
MINIMUM Y	-1.130
CENTROID X	.250
CENTROID Y	.137
POA TO CENTROID in.	.285
MIN RADIUS	.072
MEAN RADIUS	.681
MAX RADIUS	1.514
HORIZONTAL SPREAD	1.698
VERTICAL SPREAD	2.484
EXTREME SPREAD	2.626
NUMBER IN ONE INCH CIRCLE =	4
NUMBER IN TWO INCH CIRCLE =	7
NUMBER IN THREE INCH CIRCLE =	9

26 Feb 1992

FILE:/PATTERNING/CENTERFIRE_PATT/C6225362

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

11n = 2

21n = 5

31n = 7

HS= 3.417

VS= 2.545

GS= 3.512

CENTROID #

PATTERN #

5

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.837	1.634	1.540
MINIMUM X	-1.580	-1.376	-1.470
MAXIMUM Y	1.350	1.267	.692
MINIMUM Y	-1.195	-1.278	-1.120
CENTROID X	.014	-.190	-.096
CENTROID Y	-.046	.037	-.121
POA TO CENTROID in.	.048	.194	.155
MIN RADIUS	.271	.444	.299
MEAN RADIUS	1.049	.935	.848
MAX RADIUS	1.983	1.639	1.540
HORIZONTAL SPREAD	3.417	3.010	3.010
VERTICAL SPREAD	2.545	2.545	1.812
EXTREME SPREAD	3.512	3.012	3.012
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		7	

BARBER AND REMINGTON REPORT

COMMENTS

ORDER
R 92-03435

INITIAL CUSTOMER ORDER NO.

JJM

67806

M24

DATE RECEIVED

01/28/92

DATE OPENED

01/28/92

DATE CODE

LI 2-88

SERIAL NUMBER

C6225362

NEW SERIAL NUMBER

MODEL AND GRADE

700 7.62

NATO

ACCESSORIES

W/STUDS

SCOPE BASE

FROM:

CO D 2ND BN 1ST SPWAR TNG GP
C/O CPT M K STEPHENSON
FT BRAGG NC 28307

SHIP TO:

CO D 2ND BN 1ST SPWAR TNG GP
C/O CPT M K STEPHENSON
FT BRAGG NC 28307

CUST NO: 046771 CJO.D

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

CLEAN/TEST

PROM. DATE

ESTIMATED

VIA

DOOR

GUN CONDITION

☐ NEW

☐ LIGHTLY WORN

☐ WORN

☐ VERY WORN

☐ UNREPAIRABLE

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN

AMMO

FUNCTION

FINISH

ACCURACY

FIT

INSPECT

CYCLE

A1

B1

TRIGGER GROUP

B2

E1

F1

BOLT ASSY.

B3

E2

F2

BARREL ASSY.

B4

D1

E3

F3

REC. ASSY.

B5

D2

E4

F4

WOOD

C1

D3

E5

F5

METAL

C2

MAIN FAULT

• New BARREL
• New Stock

PARTS

COMMENTS

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 8/91

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 061374813787

(PLEASE PRINT CLEARLY)

RETURN:

- ☐ Clark Street Entrance
☒ Via US Mail or UPS

FIREARMS DELIVERED TO PLANT

FILE N^o 006780DATE 27 Jan 92

OWNER'S NAME:

CPT STEPHENSON

OWNER'S ADDRESS:

Co D 2nd Bn 1st SWTGFT Bragg U.C.

REMINGTON EMPLOYEE:

YES ☐ NO ☒EMPLOYEE # DEPT # ZIP:

PHONE:

919-396 7330

FIREARM

MODEL: M-24CHECK FOR AMMUNITION ☒GAUGE: 308 CalSERIAL # C6225362

CONDITION:

WOOD

GOOD

FAIR

POOR

FANCY

PLAIN

METAL

GOOD

FAIR

POOR

FANCY

PLAIN

BARREL

VT. RIB

PLAIN

DEER RIB

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:

Replace BarrelSIGNATURE: Dave E. Kinzer

(Person delivering firearm to Plant)

DATE:

27 Jan 92SIGNATURE: T. N. Kinzer

(Security Officer)

DATE:

1/27/92SIGNATURE: Maech

(Firearm picked up by)

DATE:

1-28-92

Arm Service Copy