

G659 0176

Replaces

C622 5260

/// OVERALL®

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: RE00133024

Serial: C6225260 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 12/20/1988

Repairman:

Verify Repair

High Priority

Status:

Closed 8/22/2007 7:13:35 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: TRANSPORTATION OFFICER

TRANSPORTATION OFFICER

Address 1: XR WOK8 USA ROCK ISL ARSENAL

XR WOK8 USA ROCK ISL ARSENAL

Address 2: BLDG 299 GILLESPIE AVE BECK PO Box:

BLDG 299 GILLESPIE AVE BECK PO Box:

City: ROCK ISLAND

ROCK ISLAND

State: IL

Zip Code: 61299

Country: US

State: IL

Zip Code: 61299

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NN

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

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

Repair Search

Refresh

Close

naglej

8/22/2007

7:54 AM

CAPS

NUM

INS

SCRL

start

Inbox - Micr...

Calendar - M...

FW: Restrict...

Arms Service...

7:54 AM

7:54 AM

C6590176 (New)

Serial Number: ~~C6225260~~

Model: M24 SWS



RE00133024

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6590176.___0

FILE DATE AND TIME: 12/07/2007 09:25

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.038
The Average Y Centroid of the Five Target Set:	-0.160
The Average Point of Impact of the Five Target Set:	0.164
The Average Mean Radius of the Five Target Set:	0.673
The Distance from POA to Centroid Target #1:	0.330
The Distance from Centroid Target #2 to Centroid Target #1:	0.259
The Distance from Centroid Target #3 to Centroid Target #1:	0.154
The Distance from Centroid Target #4 to Centroid Target #1:	0.253
The Distance from Centroid Target #5 to Centroid Target #1:	0.223

SERIAL NUMBER: G6590176. __0

TARGET NUMBER: 1

FILE DATE: 12/07/2007

FILE TIME: 09:25

X CENTROID: 0.095

Y CENTROID: -0.316

POA TO CENTROID: 0.330

HORZ SPREAD: 2.807

VERT SPREAD: 1.764

GROUP SPREAD: 3.018

MIN RADIUS: 0.240

MAX RADIUS: 2.139

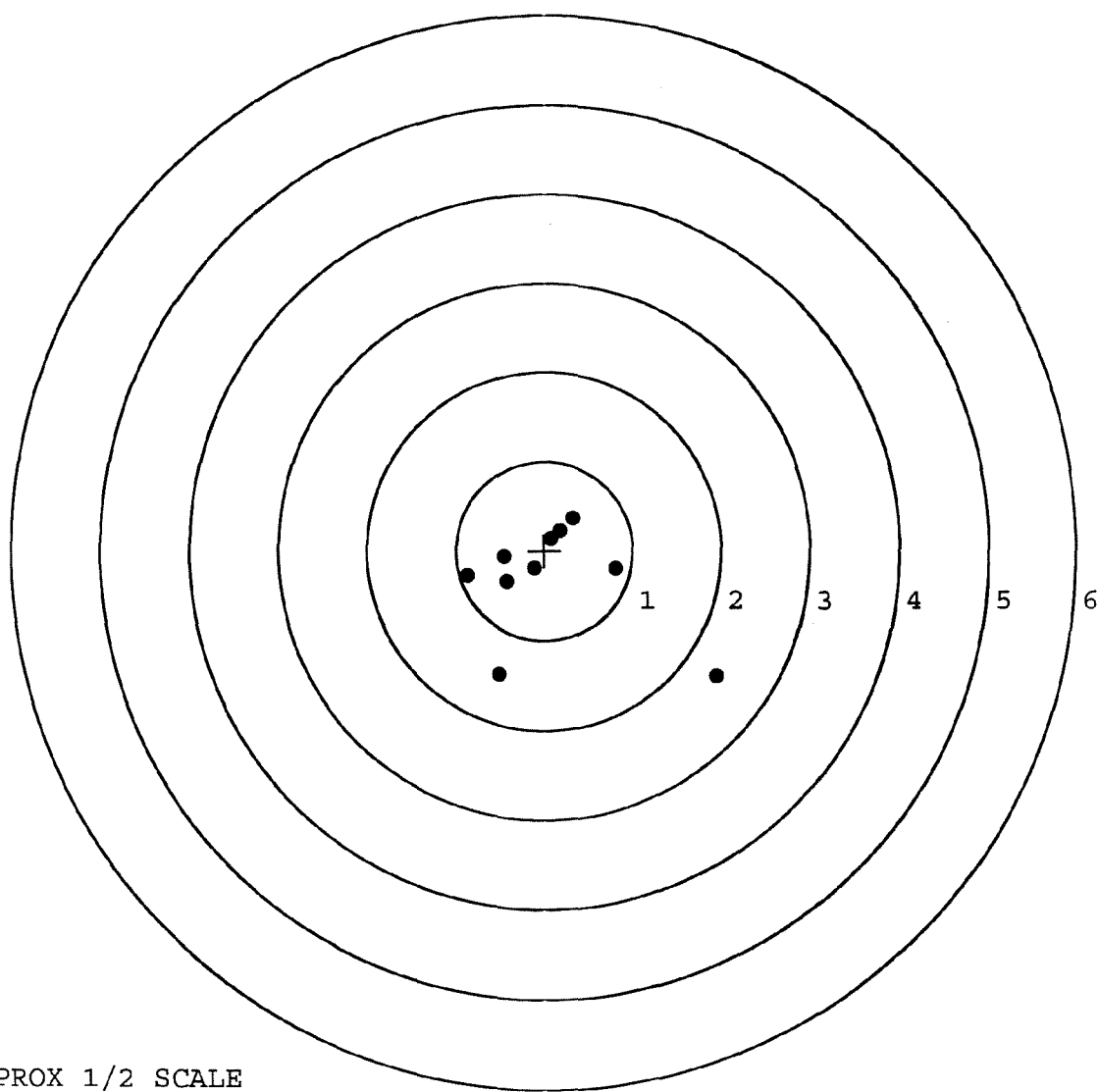
MEAN RADIUS: 0.814

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.940	-1.399
2:	0.807	-0.202
3:	-0.514	-1.376
4:	-0.867	-0.290
5:	0.326	0.365
6:	0.079	0.137
7:	-0.116	-0.201
8:	-0.455	-0.073
9:	-0.431	-0.350
10:	0.181	0.226

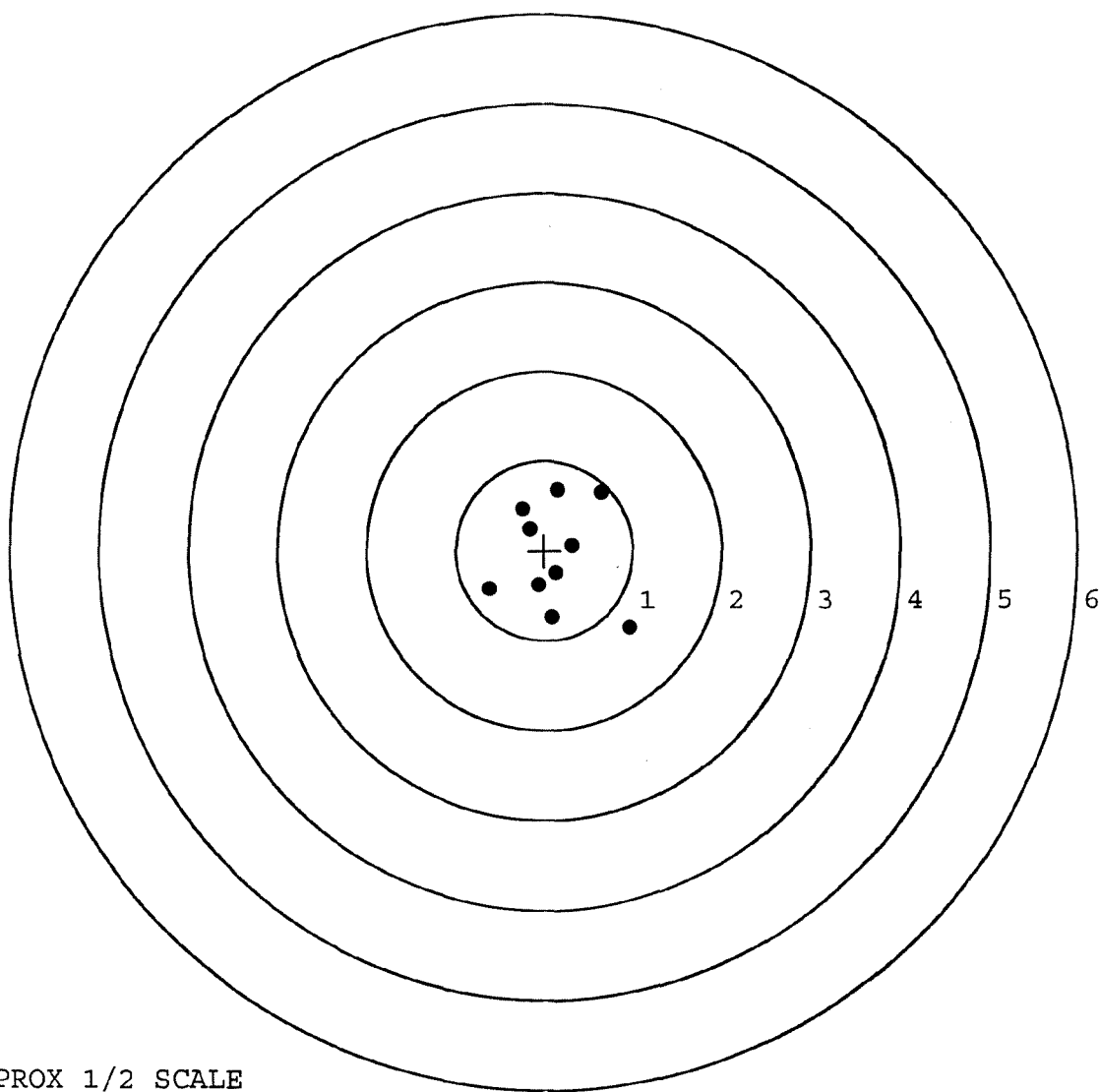


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590176. __0
TARGET NUMBER: 2
FILE DATE: 12/07/2007
FILE TIME: 09:25

X CENTROID: 0.116
Y CENTROID: -0.058
POA TO CENTROID: 0.130
HORZ SPREAD: 1.590
VERT SPREAD: 1.538
GROUP SPREAD: 1.798
MIN RADIUS: 0.191
MAX RADIUS: 1.167
MEAN RADIUS: 0.616
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.964	-0.860
2:	0.085	-0.749
3:	-0.626	-0.433
4:	-0.069	-0.388
5:	0.129	-0.248
6:	0.309	0.064
7:	-0.167	0.242
8:	-0.252	0.465
9:	0.148	0.678
10:	0.643	0.650

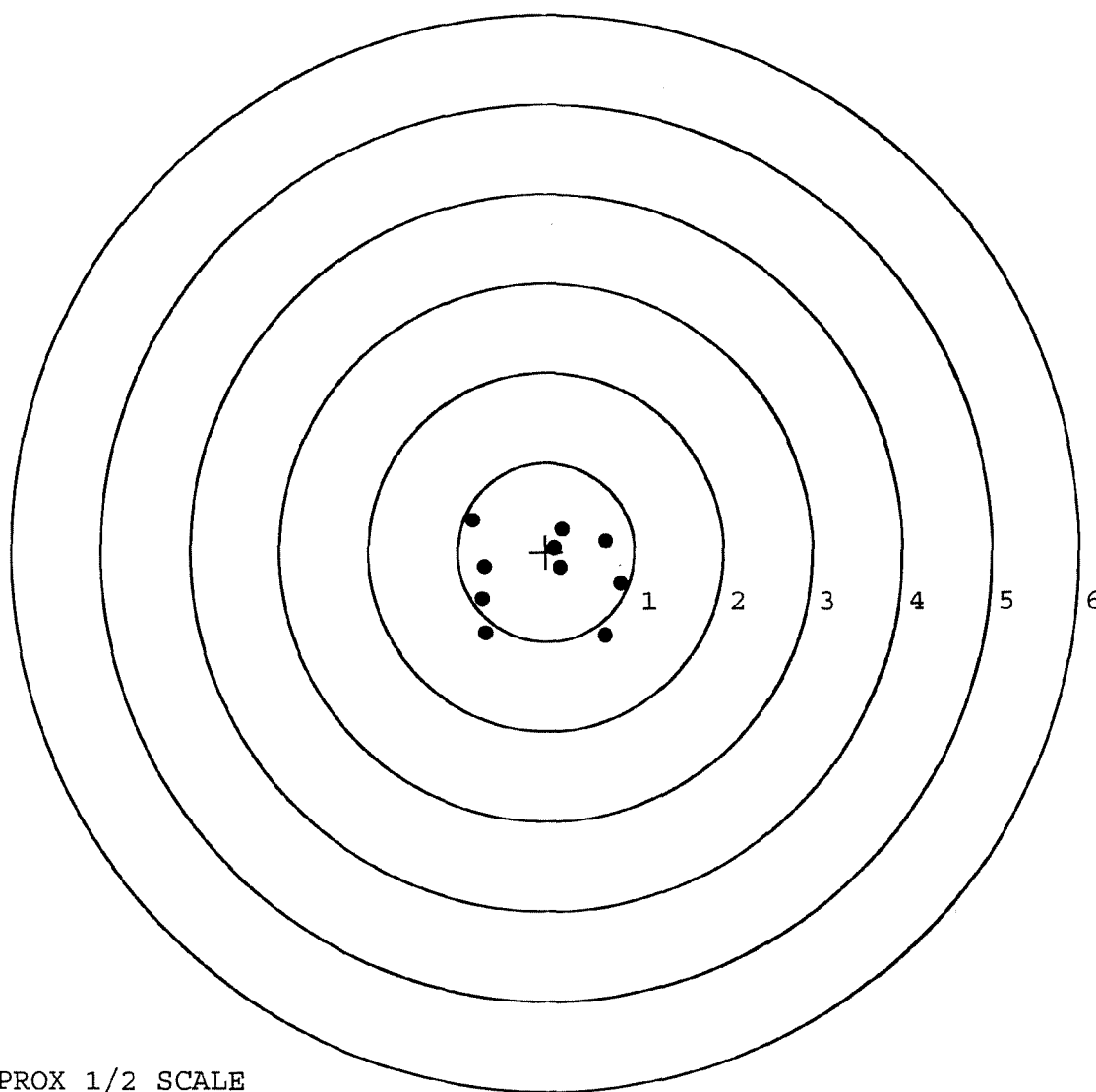


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590176. __0
TARGET NUMBER: 3
FILE DATE: 12/07/2007
FILE TIME: 09:25

X CENTROID: -0.032
Y CENTROID: -0.230
POA TO CENTROID: 0.232
HORZ SPREAD: 1.672
VERT SPREAD: 1.288
GROUP SPREAD: 1.972
MIN RADIUS: 0.200
MAX RADIUS: 0.991
MEAN RADIUS: 0.705
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.666	-0.934
2:	0.845	-0.355
3:	0.668	0.125
4:	0.161	-0.178
5:	0.096	0.046
6:	0.182	0.254
7:	-0.827	0.354
8:	-0.695	-0.168
9:	-0.723	-0.530
10:	-0.693	-0.913



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590176. __0

TARGET NUMBER: 4

FILE DATE: 12/07/2007

FILE TIME: 09:25

X CENTROID: -0.021

Y CENTROID: -0.091

POA TO CENTROID: 0.094

HORZ SPREAD: 1.737

VERT SPREAD: 1.266

GROUP SPREAD: 1.763

MIN RADIUS: 0.177

MAX RADIUS: 1.002

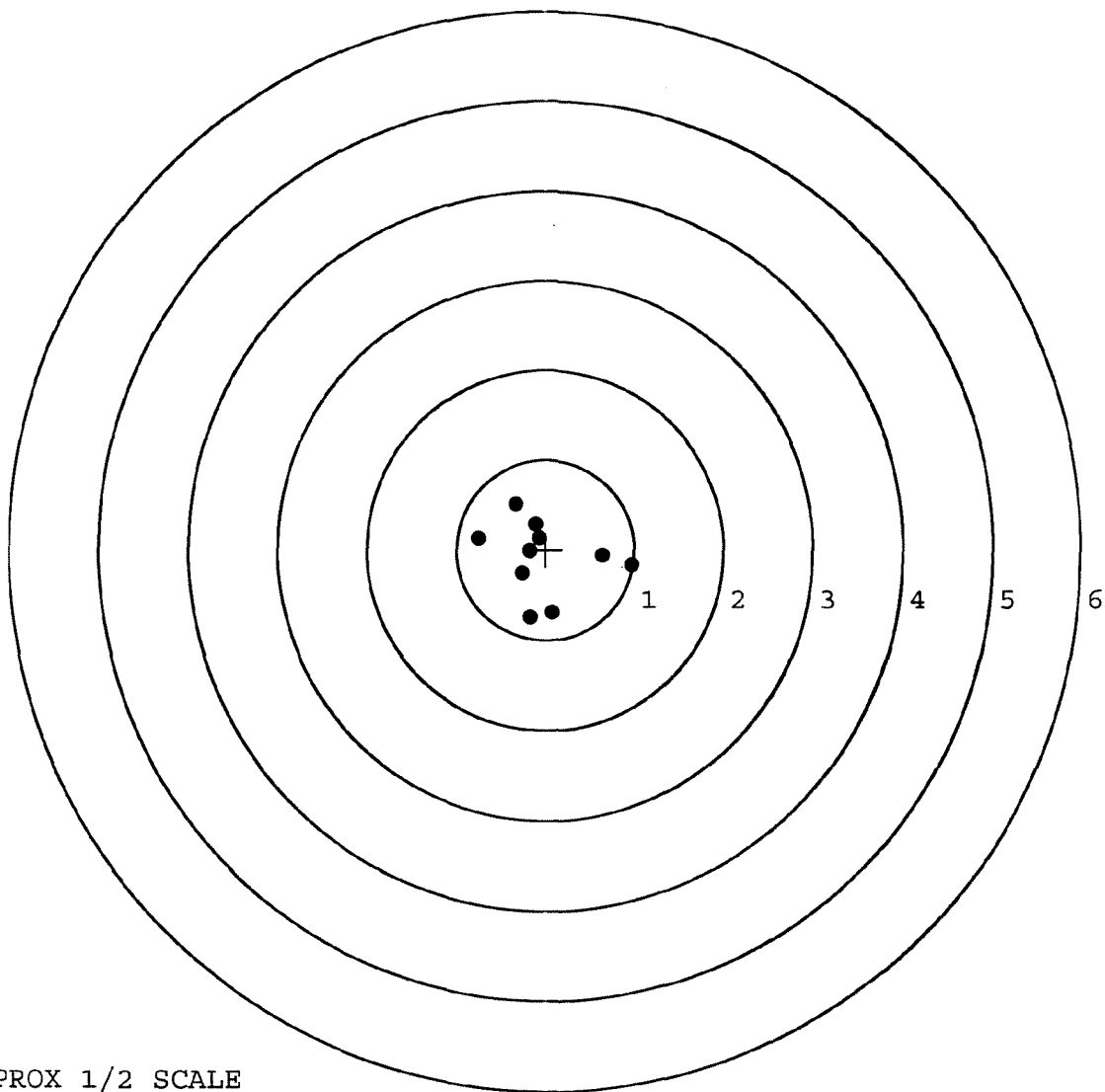
MEAN RADIUS: 0.550

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.978	-0.170
2:	0.644	-0.065
3:	0.077	-0.700
4:	-0.174	-0.754
5:	-0.759	0.129
6:	-0.336	0.512
7:	-0.119	0.282
8:	-0.078	0.131
9:	-0.181	-0.017
10:	-0.261	-0.261

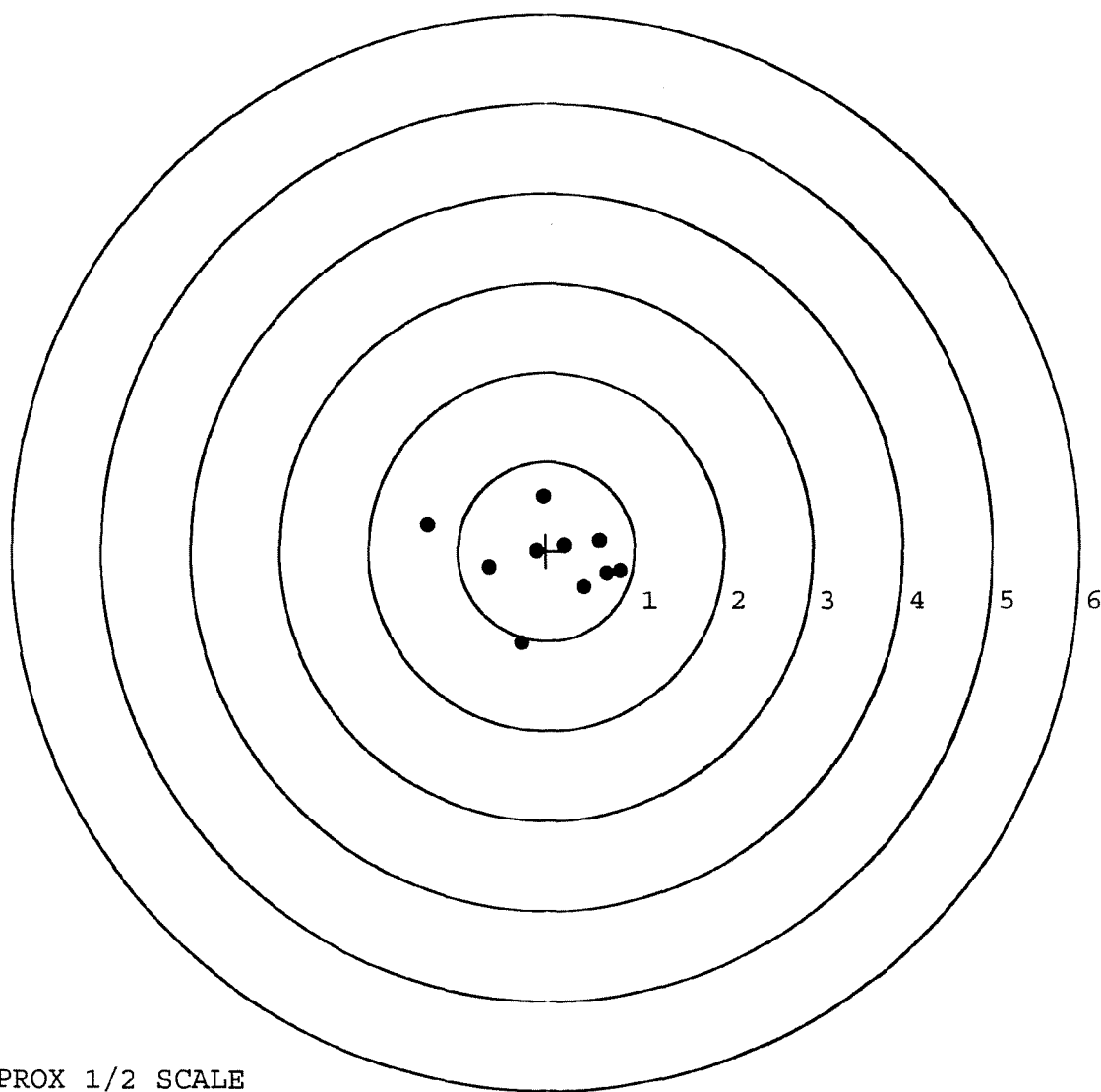


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590176. __0
TARGET NUMBER: 5
FILE DATE: 12/07/2007
FILE TIME: 09:25

X CENTROID: 0.032
Y CENTROID: -0.102
POA TO CENTROID: 0.107
HORZ SPREAD: 2.180
VERT SPREAD: 1.637
GROUP SPREAD: 2.238
MIN RADIUS: 0.178
MAX RADIUS: 1.427
MEAN RADIUS: 0.680
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.838	-0.222
2:	0.594	0.114
3:	0.426	-0.406
4:	-0.289	-1.029
5:	0.206	0.057
6:	-0.109	0.005
7:	-0.647	-0.185
8:	-1.342	0.282
9:	-0.038	0.608
10:	0.684	-0.249



TARGET APPROX 1/2 SCALE

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

R & E NUMBER		113024	
SERIAL NUMBER		G6225260 G6596176 NW	
LOG-IN DATE		8-22-07	
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	11-6-07	RTZ
505	RE-BARREL		
560	ASSEMBLE		
600	PROOF	11-7-07	TRW
605	CHECK HEADSPACE	11-7-07	TRW
610	DIS-ASSEMBLE GUN	11-08-07	J.P.D.
612	MAGNAFLUX	11-14-07	JB
510	DRILL AND TAP	11-8-07	SD
615	ROLLMARK CALIBER	11-3-07	CW
618	ROTO-BLAST	11-14-07	YJ
620	APPLY COATINGS	11-27-07	RB
625	FINAL ASSEMBLY	12-4-07	RTZ
640	FUNCTION TEST AND	(PASS) FAIL	12-6-07 TRW
650	TARGET	(PASS) FAIL	12-6-07 TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	12-6-07 FM
670	FINAL INSPECTION	12-7-07	DA
	A) HEADSPACE	(PASS) FAIL	12-7-07 DA
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	12-7-07 DA
		2.73 2.75 2.77 2.71 2.64	
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	12-7-07 DA
		5.2 5.2 4.5	
	G) SAFETY OFF FORCE	2 LBS	12-7-07 DA
		2.75 2.50 3.4	
	I) FIRING PIN INDENT	.020	12-7-07 DA
690	PACK	1.022 1.023 1.022	1-2-08 DA

M-24

SCOPE #
1256

CONTRACT # DAAA21-87-C-0086

INTERCHANGEABILITY

GUN SERIAL # C6225260

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and stock	8	9/88	FB
600	Proof	9	7/88	RW
607	Check Headspace	9	7/88	RW
610	Dis-assemble gun	8	7/88	RW
612	Magnaflux Barrel Action		9-14-88	pfe.
	Magnaflux Bolt		9-14-88	pfe.
615	Rollmark Caliber		10/12	WC
617	Drill & Tap Sight Holes		10/12	FB
618	Polish Barrel		10/20	WT
620	Apply Coatings (Barrel Action)		10-31-88	TJA
	Apply Coatings (Bolt)		10-31-88	TJA
625	Final Assembly A) Clean inside of Bolt Assembly		11/2/88	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/2/88	RW
	C) Inspect Ejector Hole for Chamfer		11/2/88	RW

OVER

OP.#		READINGS	DATE	INITIAL
625 cont.	D) Oil Firing Pin Ass'y		11/2/88	RW
	E) Adjust Trigger Pull to Min. Setting and Stake		21/11/88	JS
	F) Safety on Force	5 4 4	21/11/88	JS
	G) Safety off Force	3 3 3	21/11/88	JS
	H) Trigger Pull Test & Retainability		21/11/88	JS
	I) Firing Pin Indent	.021 .021 .0215	21/11/88	JS
	J) Assemble Stock		11/7/88	RW
	K) Assemble Swivel Studs		29/10/88	JS
	L) Attach Front & Rear Sight Assemblies		11/7/88	RW
	M) Iron Sight Alignment		11/7/88	RW
	N) Detach Front & Rear Sights & place in numbered container		11/7/88	RW
	O) Attach Scope to Rifle		11/7/88	RW
	P) Detach & Attach Scope 20 times		11/7/88	W.B.
640	Gallery Target & Test	51 R 100L	11/8/88	JS
	A) Optical Clarity of Scope		11/7/88	JS
645	Inspect for Live Ammo		11/5/88	JS
655	Final Inspection			
	A) Headspace		29/10/88	JS
	B) Trigger Pull		1/11/88	JS
	C) Function		29/10/88	JS
660	Pack		12/15/88	RW

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6225260

DATE 1 Nov 88

TESTER J. H. + J. S.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.55	2.56	2.73	2.51	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.58	2.51	2.72	2.52	
PULL #3	2.54	2.56	2.72	2.54	
PULL #4	2.52	2.53	2.75	2.59	
PULL #5	2.57	2.63	2.73	2.61	
TOTAL	12.76	12.79	13.65	12.77	
AVG.	2.552	2.558	2.73	2.554	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.11	3.05		
PULL #2	3.06	3.05		
PULL #3	3.02	3.01		
PULL #4	3.10	3.13		
PULL #5	3.03	3.13		
TOTAL	15.32	15.37		
AVG.	3.064	3.074		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.12	4.06		4.31
PULL #2	4.12	4.17		4.21
PULL #3	4.11	4.19		4.23
PULL #4	4.07	4.21		4.22
PULL #5	4.11	4.21		4.20
TOTAL	20.53	20.84		21.17
AVG.	4.106	4.168		4.234

3.1

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225260

CENTROIDAL DISTANCES

0 TO	1	.199223
1 TO	2	.1703
1 TO	3	.248896
1 TO	4	.172818
1 TO	5	.11908

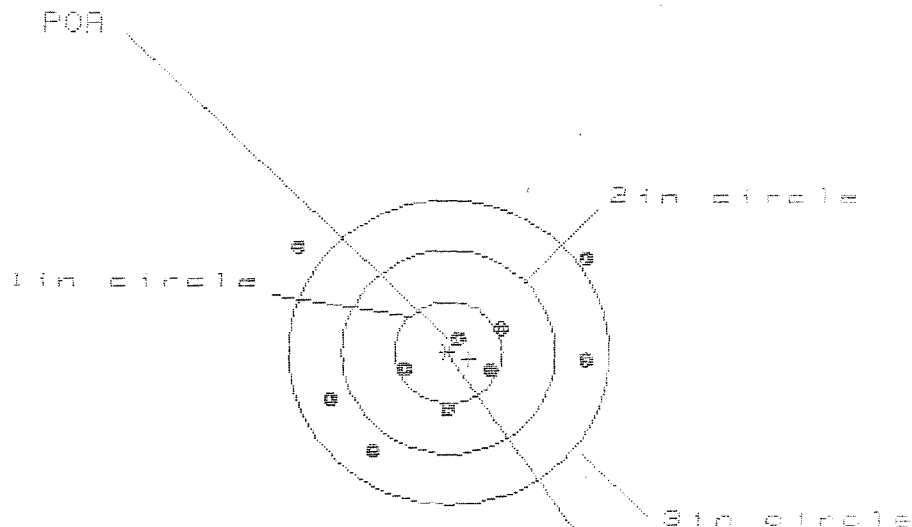
5 <----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.119
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0196
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .120603
THE AMR FOR THIS RIFLE IS: 1.001

8 May 1988

FILE:/PATTERNING/CENTERFIRE_PATT/052252BB

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 5

3 in = 8

HS = 2.743

VS = 2.010

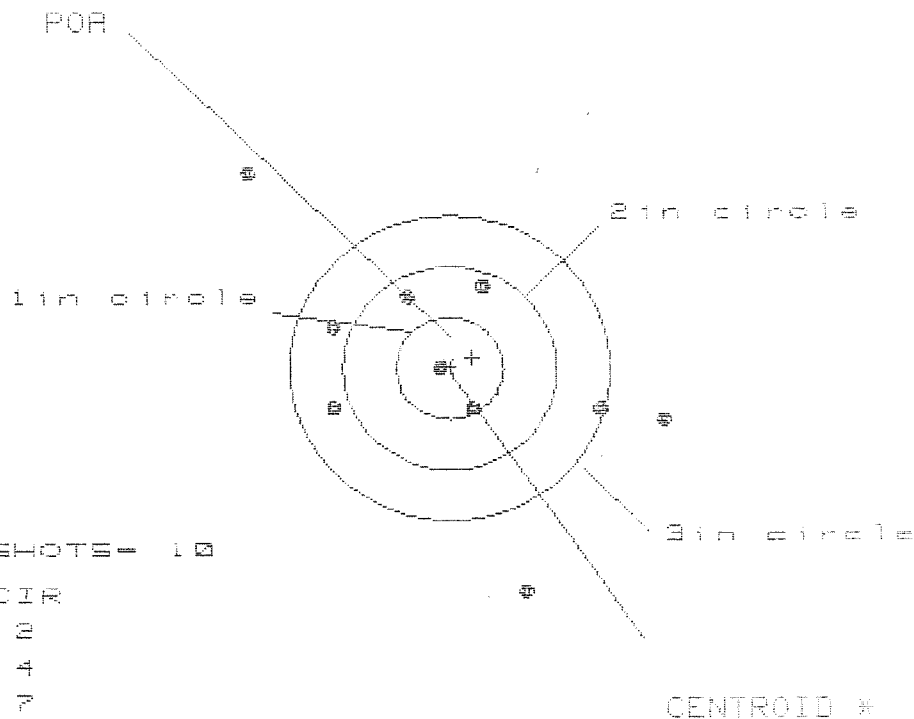
GS = 2.927

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.313	1.154	1.277
MINIMUM X	:	-1.430	-1.262	-1.118
MAXIMUM Y	:	1.029	1.026	.518
MINIMUM Y	:	-.981	-.867	-.739
CENTROID X	:	-.189	-.030	-.174
CENTROID Y	:	.063	-.051	-.179
POA TO CENTROID in.	:	.199	.059	.250
MIN RADIUS	:	.121	.220	.305
MEAN RADIUS	:	.914	.799	.703
MAX RADIUS	:	1.762	1.544	1.292
HORIZONTAL SPREAD	:	2.743	2.416	2.395
VERTICAL SPREAD	:	2.010	1.893	1.257
EXTREME SPREAD	:	2.927	2.767	2.423
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

8 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08225260

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 2

2in = 4

3in = 7

HS = 2.882

VS = 4.092

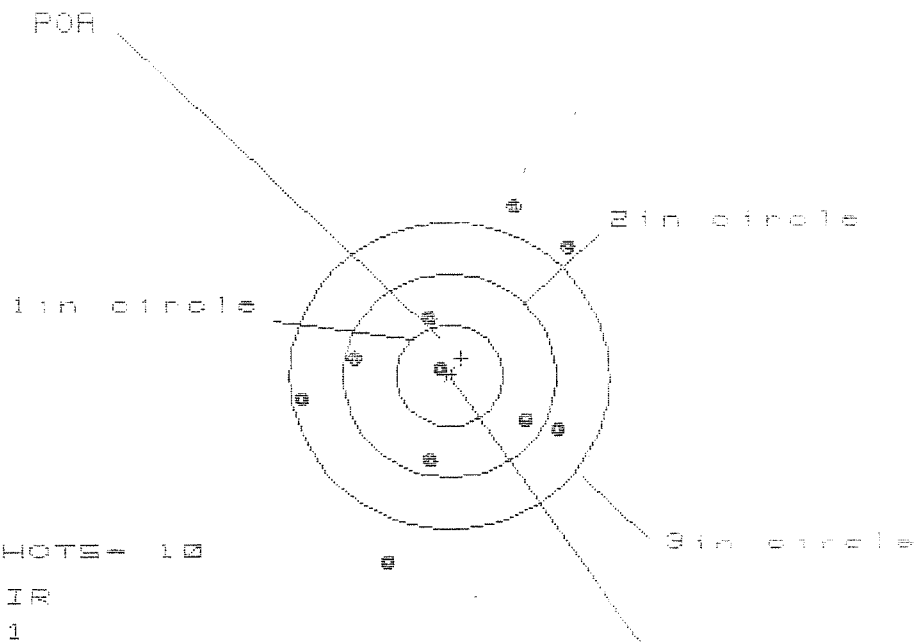
ES = 4.846

PATTERN #	2	3	4
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.979	1.767	1.828
MINIMUM X	-1.963	-1.323	-1.262
MAXIMUM Y	1.869	.988	.736
MINIMUM Y	-2.223	-2.015	-1.507
CENTROID X	-.210	.002	-.059
CENTROID Y	-.106	-.314	-.062
POR TO CENTROID in.	.235	.314	.085
MIN RADIUS	.097	.185	.233
MEAN RADIUS	1.306	1.173	1.023
MAX RADIUS	2.668	2.072	1.897
HORIZONTAL SPREAD	3.882	3.090	3.090
VERTICAL SPREAD	4.092	3.003	1.243
EXTREME SPREAD	4.846	3.198	3.198
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	7		

8 May 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08225260

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 7

HS = 2.521

VS = 3.487

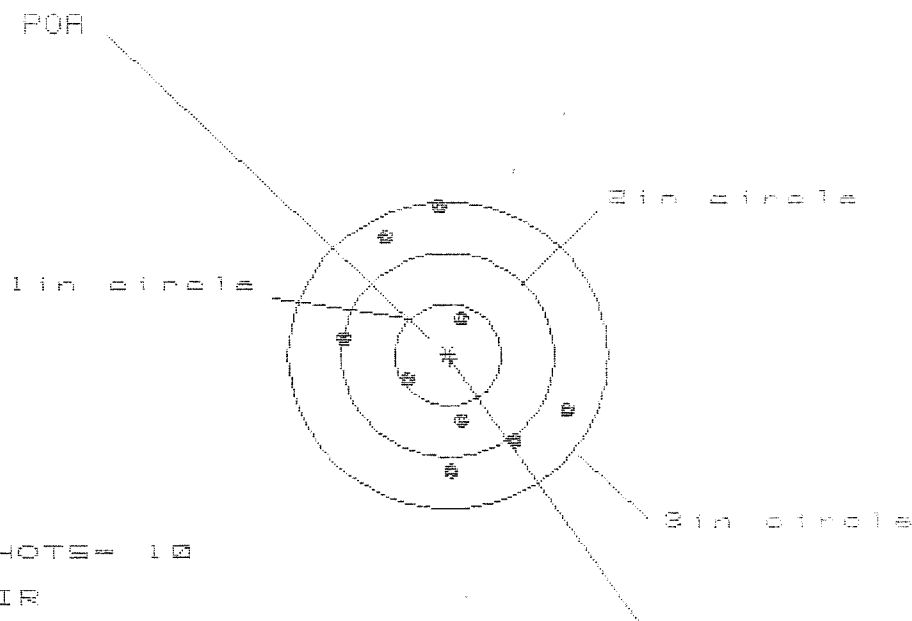
GS = 3.684

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.089
MINIMUM X	-1.433
MAXIMUM Y	1.675
MINIMUM Y	-1.812
CENTROID X	-.187
CENTROID Y	-.172
POA TO CENTROID in.	.282
MIN RADIUS	.153
MEAN RADIUS	1.125
MAX RADIUS	1.919
HORIZONTAL SPREAD	2.521
VERTICAL SPREAD	3.487
EXTREME SPREAD	3.684
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	7

8 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/082252B0

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 5

3 in = 10

HS= 2.104

VS= 2.578

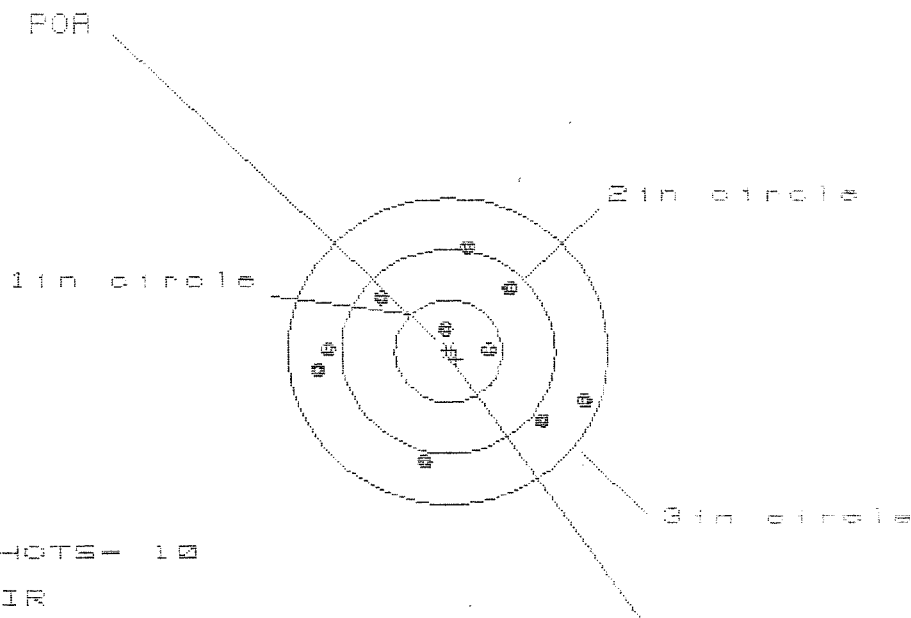
GS= 2.580

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.159	1.148	1.069
MINIMUM X	-.945	-.956	-1.035
MAXIMUM Y	1.415	1.331	.698
MINIMUM Y	-1.163	-1.006	-.840
CENTROID X	-.018	-.007	.072
CENTROID Y	.038	-.119	-.285
POA TO CENTROID in.	.042	.119	.295
MIN RADIUS	.342	.363	.362
MEAN RADIUS	.899	.833	.741
MAX RADIUS	1.419	1.473	1.138
HORIZONTAL SPREAD	2.104	2.104	2.104
VERTICAL SPREAD	2.578	2.337	1.537
EXTREME SPREAD	2.580	2.461	2.210
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

6 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6223250

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 10

HS= 2.5000

VS= 2.028

GS= 2.526

CENTROID *

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.238	.971	.830
MINIMUM X	-1.262	-1.124	-1.119
MAXIMUM Y	.992	.937	.912
MINIMUM Y	-1.036	-1.091	-1.116
CENTROID X	-.071	-.209	-.068
CENTROID Y	.079	.134	.159
POA TO CENTROID in.	.106	.248	.173
MIN RADIUS	.262	.245	.182
MEAN RADIUS	.913	.860	.800
MAX RADIUS	1.336	1.228	1.137
HORIZONTAL SPREAD	2.500	2.095	1.949
VERTICAL SPREAD	2.028	2.028	2.028
EXTREME SPREAD	2.526	2.167	2.069
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	10		

INTERCHANGEABILITY

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225260

CENTROIDAL DISTANCES

0 TO	1	.459156
1 TO	2	.213546
1 TO	3	.499509
1 TO	4	.689844
1 TO	5	.418906

± 4 <----POB
29

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1224
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2524
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .280513
THE AMR FOR THIS RIFLE IS: .842

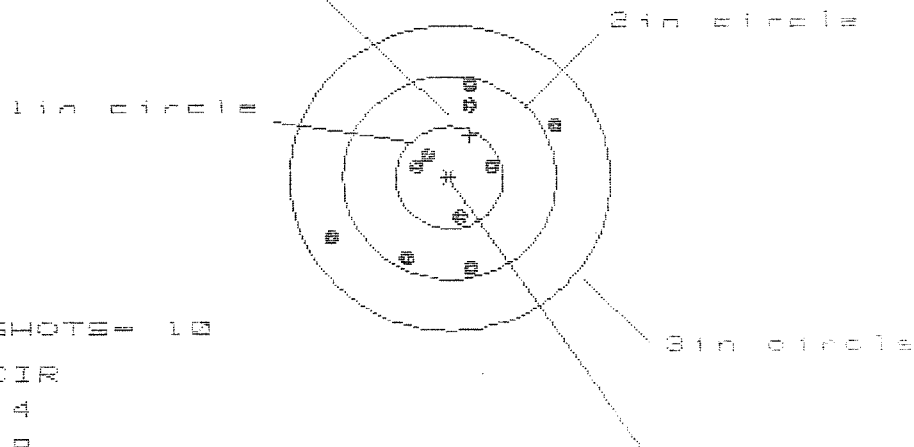
INTERCHANGEABILITY

13 Dec 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225250.1

CENTERFIRE PATTERNS # 1

POA



OF SHOTS = 10

IN CIR

1in = 4

2in = 8

3in = 10

HS = 2.024

VS = 1.879

GS = 2.313

CENTROID *

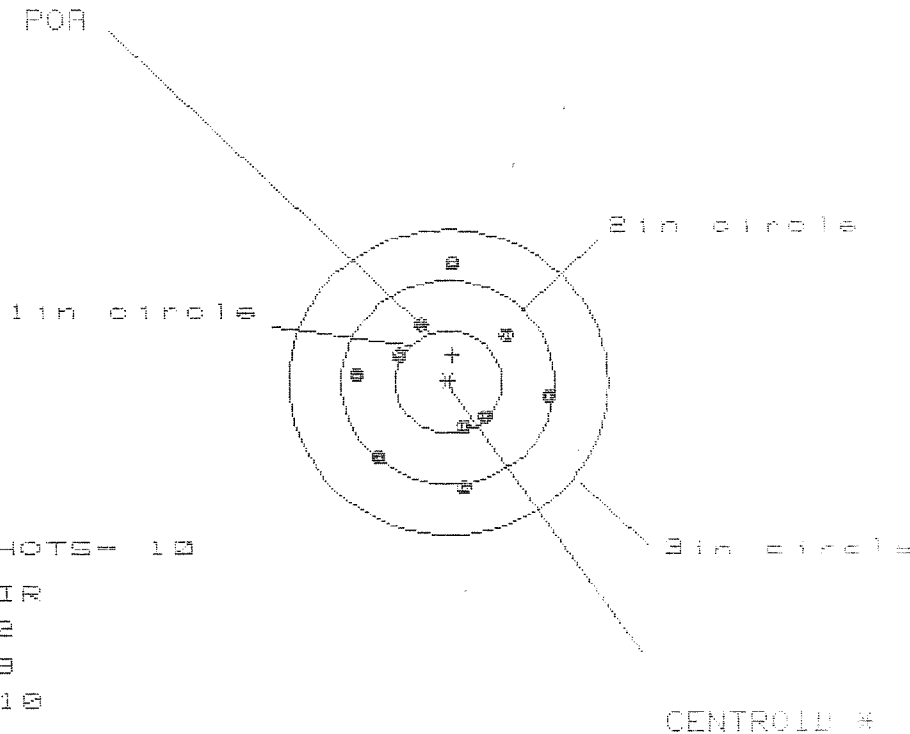
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.958	.840	.332
MINIMUM X	-1.066	-.499	-.394
MAXIMUM Y	.961	.894	.950
MINIMUM Y	-.918	-.985	-.929
CENTROID X	-.190	-.072	-.176
CENTROID Y	-.418	-.351	-.407
POA TO CENTROID in.	.459	.358	.443
MIN RADIUS	.327	.247	.331
MEAN RADIUS	.724	.661	.615
MAX RADIUS	1.225	1.001	.966
HORIZONTAL SPREAD	2.024	1.339	.726
VERTICAL SPREAD	1.879	1.879	1.879
EXTREME SPREAD	2.313	1.879	1.879
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		

INTERCHANGEABILITY

13 Dec 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8225260.1

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 8

3in = 10

HS= 1.748

VS= 2.168

GS= 2.172

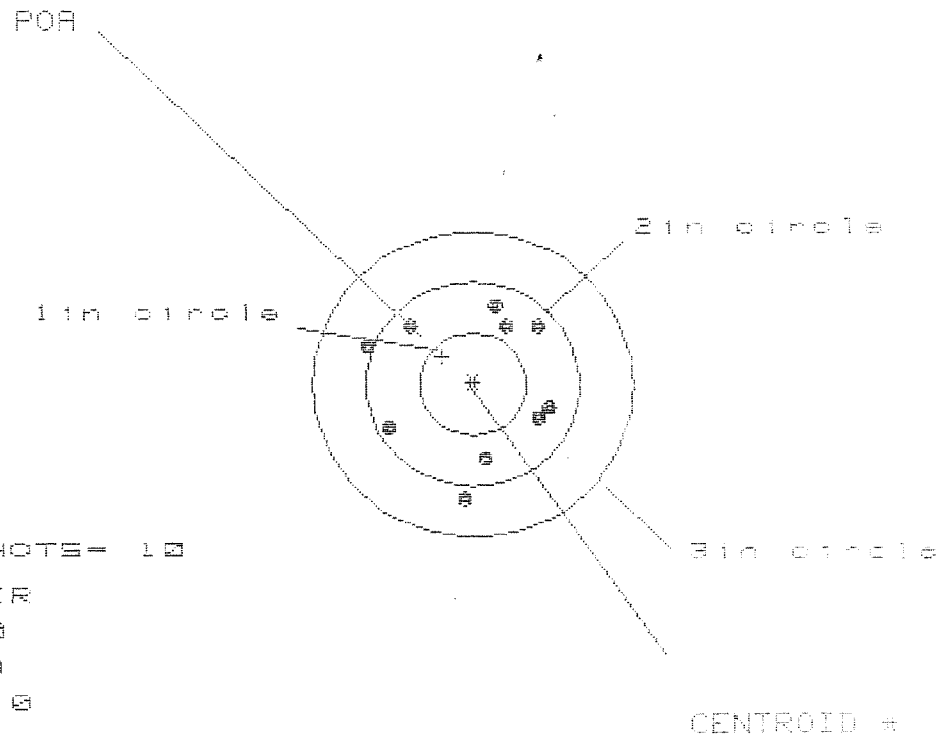
PATTERN #	2	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.921	.926	.949
MINIMUM X	-.827	-.822	-.799
MAXIMUM Y	1.139	.684	.571
MINIMUM Y	-1.029	-.903	-.698
CENTROID X	-.039	-.044	-.067
CENTROID Y	-.267	-.393	-.280
POR TO CENTROID in.	.269	.396	.288
MIN RADIUS	.421	.312	.421
MEAN RADIUS	.773	.721	.693
MAX RADIUS	1.140	.927	.952
HORIZONTAL SPREAD	1.748	1.748	1.748
VERTICAL SPREAD	2.168	1.587	1.269
EXTREME SPREAD	2.172	1.757	1.757
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		

INTERCHANGEABILITY

13 Dec 1988

FILE:/PATTERNING/CENTERFIRE_PATT/CS2252D0.1

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 0

2in = 8

3in = 10

HS = 1.695

VS = 1.905

GS = 1.927

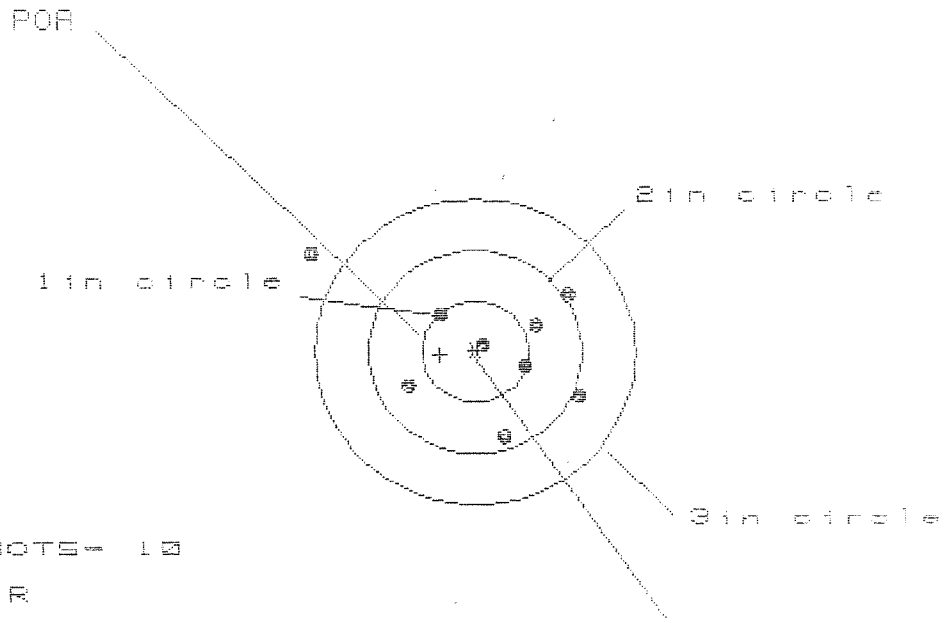
PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.681	.667	.539
MINIMUM X	-1.014	-1.028	-.934
MAXIMUM Y	.797	.674	.703
MINIMUM Y	-1.108	-.804	-.775
CENTROID X	.288	.302	.430
CENTROID Y	-.273	-.150	-.179
POA TO CENTROID in.	.397	.337	.466
MIN RADIUS	.611	.499	.468
MEAN RADIUS	.824	.777	.721
MAX RADIUS	1.114	1.054	1.083
HORIZONTAL SPREAD	1.695	1.695	1.473
VERTICAL SPREAD	1.905	1.478	1.478
EXTREME SPREAD	1.927	1.787	1.712
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	

INTERCHANGEABILITY

13 Dec 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08285280.1

CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1in = 3

2in = 7

3in = 9

HEI = 2.425

VS = 1.772

CS = 2.781

CENTROID #

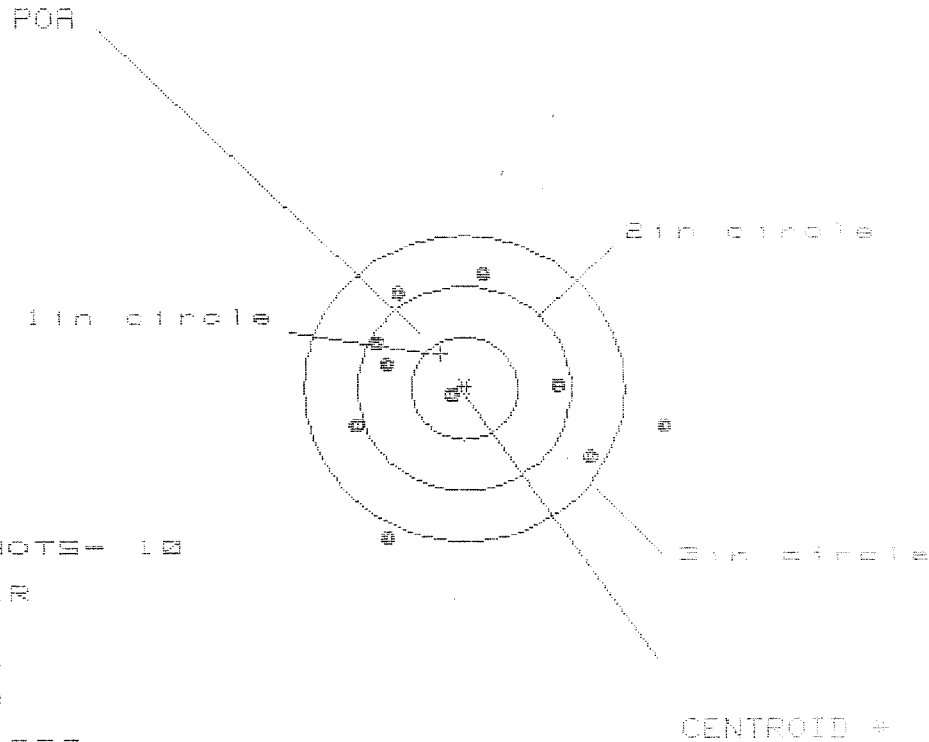
PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.919	.752	.840
MINIMUM X	-1.506	-.840	-.752
MAXIMUM Y	.938	.624	.558
MINIMUM Y	-.834	-.730	-.652
CENTROID X	.332	.499	.411
CENTROID Y	.033	-.071	-.149
POB TO CENTROID in.	.333	.504	.437
MIN RADIUS	.072	.164	.208
MEAN RADIUS	.780	.651	.619
MAX RADIUS	1.774	.939	.874
HORIZONTAL SPREAD	2.425	1.592	1.592
VERTICAL SPREAD	1.772	1.354	1.210
EXTREME SPREAD	2.781	1.771	1.594
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

INTERCHANGEABILITY

13 Dec 1988

FILE:/PATTERNING/CENTERFIRE_PATT/05225260.1

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1in = 1

2in = 4

3in = 8

HS = 2.866

VS = 2.566

GS = 2.966

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.966	1.395	1.326
MINIMUM X	-1.066	-.855	-.924
MAXIMUM Y	1.117	1.082	.896
MINIMUM Y	-1.449	-1.484	-.854
CENTROID X	.221	.010	.679
CENTROID Y	-.337	-.382	-.116
POA TO CENTROID in.	.403	.382	.148
MIN RADIUS	.165	.075	.245
MEAN RADIUS	1.109	.970	.892
MAX RADIUS	1.926	1.583	1.677
HORIZONTAL SPREAD	2.966	2.250	2.250
VERTICAL SPREAD	2.566	2.566	1.758
EXTREME SPREAD	2.966	2.746	2.416
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		8	

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6225260
27 Oct 1998

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: $-.1348$
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: $-.0208$
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: $.136395$

THE AMR FOR THIS RIFLE IS: 1.071

CENTROIDAL DISTANCES

0 TO	1	.384047
1 TO	2	.314587
1 TO	3	.404725
1 TO	4	.331887
1 TO	5	.416063

1
4
5 <----POA

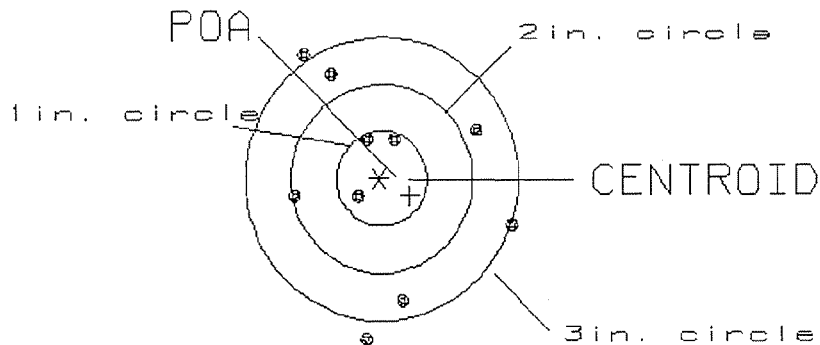
PATTERN #: ☐ 1 ☐

POA TO CENTROID: .384
 MIN RADIUS : .283
 MEAN RADIUS : 1.068
 MAX RADIUS : 1.696
 CENTROID X : -.336
 CENTROID Y : .186

27 Oct 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225268

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.37

3

VS= 3.02

4

GS= 3.10

7

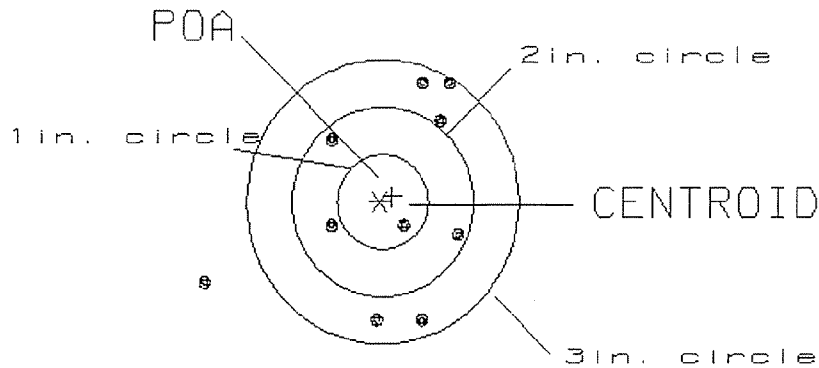
PATTERN #: 2

POA TO CENTROID: .146
 MIN RADIUS : .346
 MEAN RADIUS : 1.126
 MAX RADIUS : 2.172
 CENTROID X : -.135
 CENTROID Y : -.056

27 Oct 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225268

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.83

1

VS= 2.48

4

GS= 3.43

9

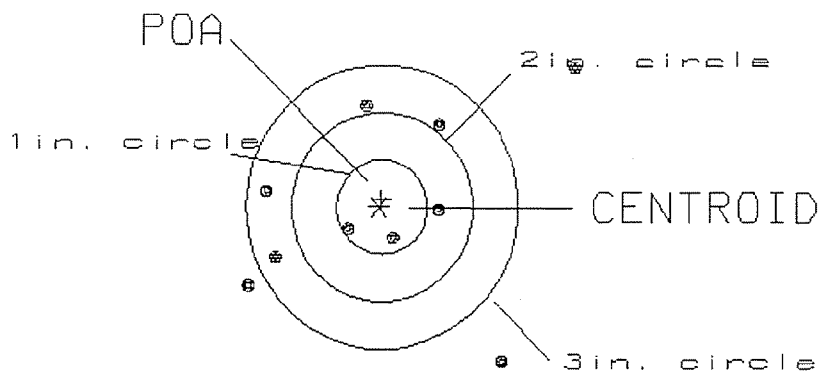
PATTERN #: ☐ 3 ☐

POA TO CENTROID: .077
 MIN RADIUS : .360
 MEAN RADIUS : 1.253
 MAX RADIUS : 2.570
 CENTROID X : -.025
 CENTROID Y : -.073

27 Oct 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225268

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.61
 VS= 3.12
 GS= 4.27

2
 3
 7

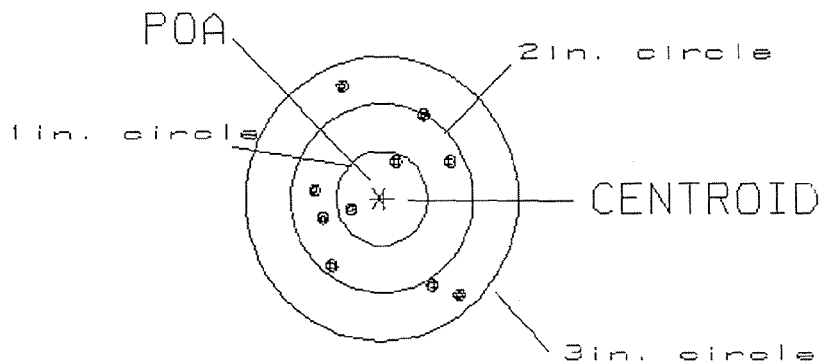
PATTERN #: ☐ 4 ☐

POA TO CENTROID: .055
 MIN RADIUS : .317
 MEAN RADIUS : .848
 MAX RADIUS : 1.315
 CENTROID X : -.054
 CENTROID Y : .011

27 Oct 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225260

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 1.55

2

VS= 2.24

7

GS= 2.57

10

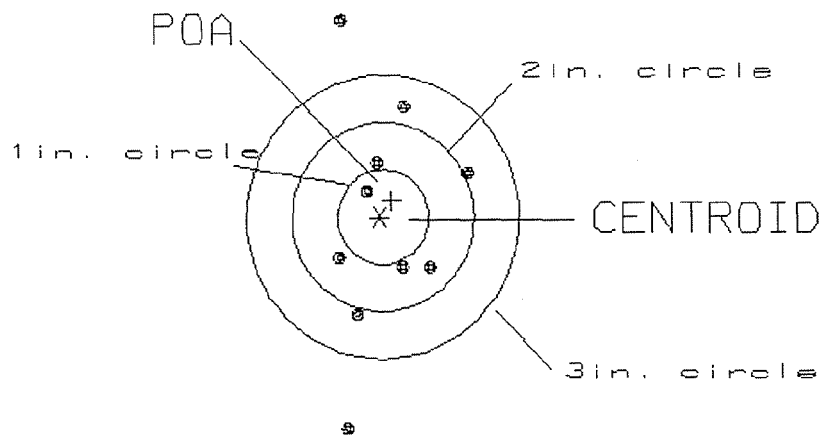
PATTERN #: ☐ 5 ☐

POA TO CENTROID: .213
 MIN RADIUS : .379
 MEAN RADIUS : 1.061
 MAX RADIUS : 2.241
 CENTROID X : -.124
 CENTROID Y : -.172

27 Oct 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225268

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 1.41
 VS= 4.28
 GS= 4.28

1
 5
 8

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 98-18186

INITIAL CUSTOMER ORDER NO.

W/BI-POD

SWS

Scope #

1294

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
09/09/98	09/09/98		C6225260		700 7.62 NATO
ACCESSORIES SCOPE BASE HARD CASE					

FROM:

SHIP TO:

CDR 1/75TH RGR REGT BLDG 1036
ATTN PBO CW3 HUMES
43 LIBERATOR RD SUITE 102
HUNTER AAF GA 31409

CDR 1/75TH RGR REGT BLDG 1036
ATTN PBO CW3 HUMES
43 LIBERATOR RD SUITE 102
HUNTER AAF GA 31409

CUST NO: 119494 C.O.D.L.

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			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.		B4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			G1	D3	E5	F5
METAL			G2			

MAIN FAULT

PARTS

COMMENTS

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
<i>[Signature]</i>			10/16/98	10/16/98	

OFFICE COPY

RD9925 REV. 7/97

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400166202

For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG

DA FORM 2404
1 APR 79

Replaces edition of 1 Jan 84, which will be used

RETURN ADDRESS
ATTN PBO (CW3 HUMES)
CDR 1/75TH RGR REGT (BLDG 1036)
43 LIBERATOR RD STE 102
HUNTER AAF GA 31409-4314
OFFICIAL BUSINESS
512-0

HAND RECEIPT/ANNEX NUMBER For use of this form, see DA PAM 710-2-1. The proponent agency is ODCSLOG.		FROM: HHC 1/75TH RANGER REGT.		TO: PBO 1/75TH RANGER REGT.		HAND RECEIPT NUMBER	
FOR ANNEX/CR ONLY	END ITEM STOCK NUMBER 1005-01-240-2136	END ITEM DESCRIPTION 7.62mm M24 SNIPER WEAPON SYSTEM	PUBLICATION NUMBER TM 9-1005-306-10		PUBLICATION DATE JUNE 1989		QUANTITY 6
STOCK NUMBER a.		ITEM DESCRIPTION b.	* c.	SEC d.	UI e.	QTY AUTH f.	g. QUANTITY A B C D E F
1005012602662		SYSTEM CASE		U	EA	1	6 1
1005012602663		FOAM, TOP		U	EA	1	6 1
1005012602664		FOAM, BOTTOM		U	EA	1	6 1
1005012622818		SOFT RIFLE CARRYING CASE		U	EA	1	0 0
1005007141245		SLING, SMALL ARMS		U	EA	1	0 0
1005012602665		BIPOD(OPTIONAL)		U	EA	1	6 1
1005012602647		DEPLOYMENT CASE		U	EA	1	0 0
1005012602666		DAY OPTIC SIGHT CASE		U	EA	1	0 0
NSN		DEPLYMENT KIT		U	KT	1	0 0
NSN		FRONT SIGHT		U	EA	1	0 0
NSN		REAR SIGHT		U	EA	1	0 0
NSN		DAY OPTIC SIGHT SN # 881268, 881280, 881284, 881290, 881292, 881294		U	EA	1	6 1
1001012402136		RIFLE SN # C6225098, C6225114, C6225164, C6225283, C6225368, C6225260		U	EA	1	6 1
							1
							1
							1

* WHEN USED AS A:
HAND RECEIPT, enter Hand Receipt Annex Number
HAND RECEIPT FOR QUARTERS FURNITURE, enter Condition Codes
HAND RECEIPT ANNEX/COMPONENTS RECEIPT, enter Accounting Requirements Code (ARC).