

G6360882
Rapha
E6413612

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: **RE00092124** Serial: E6413612 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 1/31/2005 9:35:34 AM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **DEPARTMENT OF THE ARMY COMM** **DEPARTMENT OF THE ARMY COMM**

Address 1: **HHC 1 505 PIR** **HHC 1 505 PIR**

Address 2: PO Box: PO Box:

City: **FORT BRAGG** **FORT BRAGG**

State: **NC** Zip Code: **28307** Country: **US** State: **NC** Zip Code: **28307** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition **Problems** **Estimate** **History / Status** **Shipping / Billing**

Contact Information

Phone: **N/A**

Fax:

Email:

Comments:

Received Condition

Good

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A057	Fit and Rear Sgt Base	1

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

nacltj 2/7/2005 10:42 AM CAPS NUM INS SCPL

start 3 2

G 636 0882 (New)

Serial Number: **E6413612**

Model: **M24 SWS**



RE00092124

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6360882.__0
FILE DATE AND TIME: 02/28/2005 07:56

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.087
The Average Y Centroid of the Five Target Set:	-0.020
The Average Point of Impact of the Five Target Set:	0.089
The Average Mean Radius of the Five Target Set:	0.974
The Distance from POA to Centroid Target #1:	0.390
The Distance from Centroid Target #2 to Centroid Target #1:	0.275
The Distance from Centroid Target #3 to Centroid Target #1:	0.288
The Distance from Centroid Target #4 to Centroid Target #1:	0.585
The Distance from Centroid Target #5 to Centroid Target #1:	0.496

SERIAL NUMBER: G6360882. 0

TARGET NUMBER: 1

FILE DATE: 02/28/2005

FILE TIME: 07:56

POINT#	X	Y
1:	0.773	-0.534
2:	-0.348	-1.060
3:	-0.242	-0.445
4:	0.183	-0.186
5:	0.564	0.557
6:	0.564	0.554
7:	0.151	0.620
8:	-0.296	0.323
9:	-0.668	0.797
10:	1.349	1.157
11:	2.058	-0.499

X CENTROID: 0.372

Y CENTROID: 0.117

POA TO CENTROID: 0.390

HORZ SPREAD: 2.726

VERT SPREAD: 2.217

GROUP SPREAD: 3.018

MIN RADIUS: 0.357

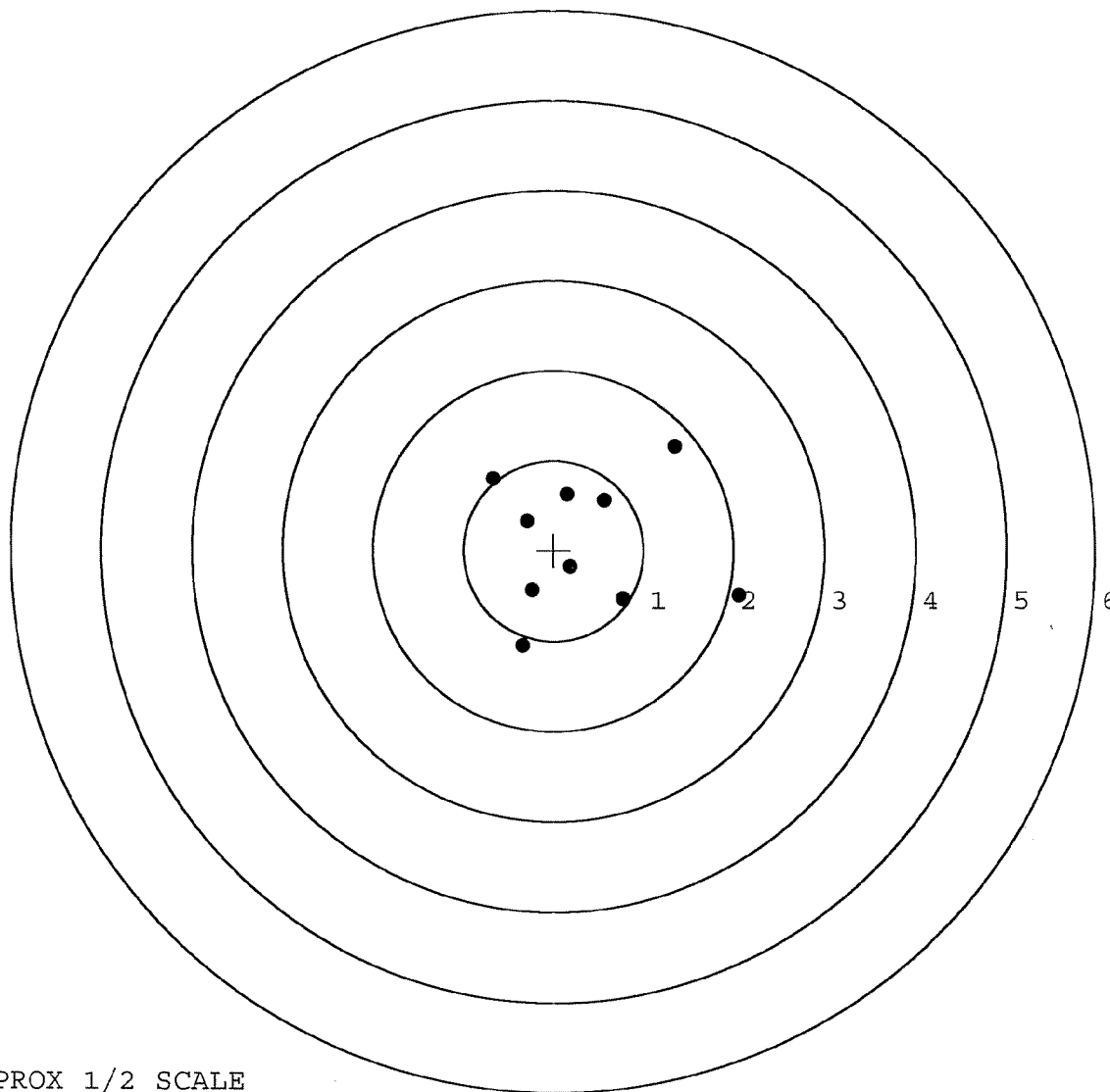
MAX RADIUS: 1.795

MEAN RADIUS: 0.909

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360882. 0

TARGET NUMBER: 2

FILE DATE: 02/28/2005

FILE TIME: 07:56

POINT#	X	Y
1:	1.056	-0.911
2:	1.174	-0.150
3:	0.098	-0.417
4:	0.113	-0.619
5:	0.144	-0.124
6:	-0.354	-0.494
7:	-0.758	-0.071
8:	0.304	1.004
9:	0.010	1.378
10:	-0.804	1.270

X CENTROID: 0.098

Y CENTROID: 0.087

POA TO CENTROID: 0.131

HORZ SPREAD: 1.978

VERT SPREAD: 2.289

GROUP SPREAD: 2.866

MIN RADIUS: 0.216

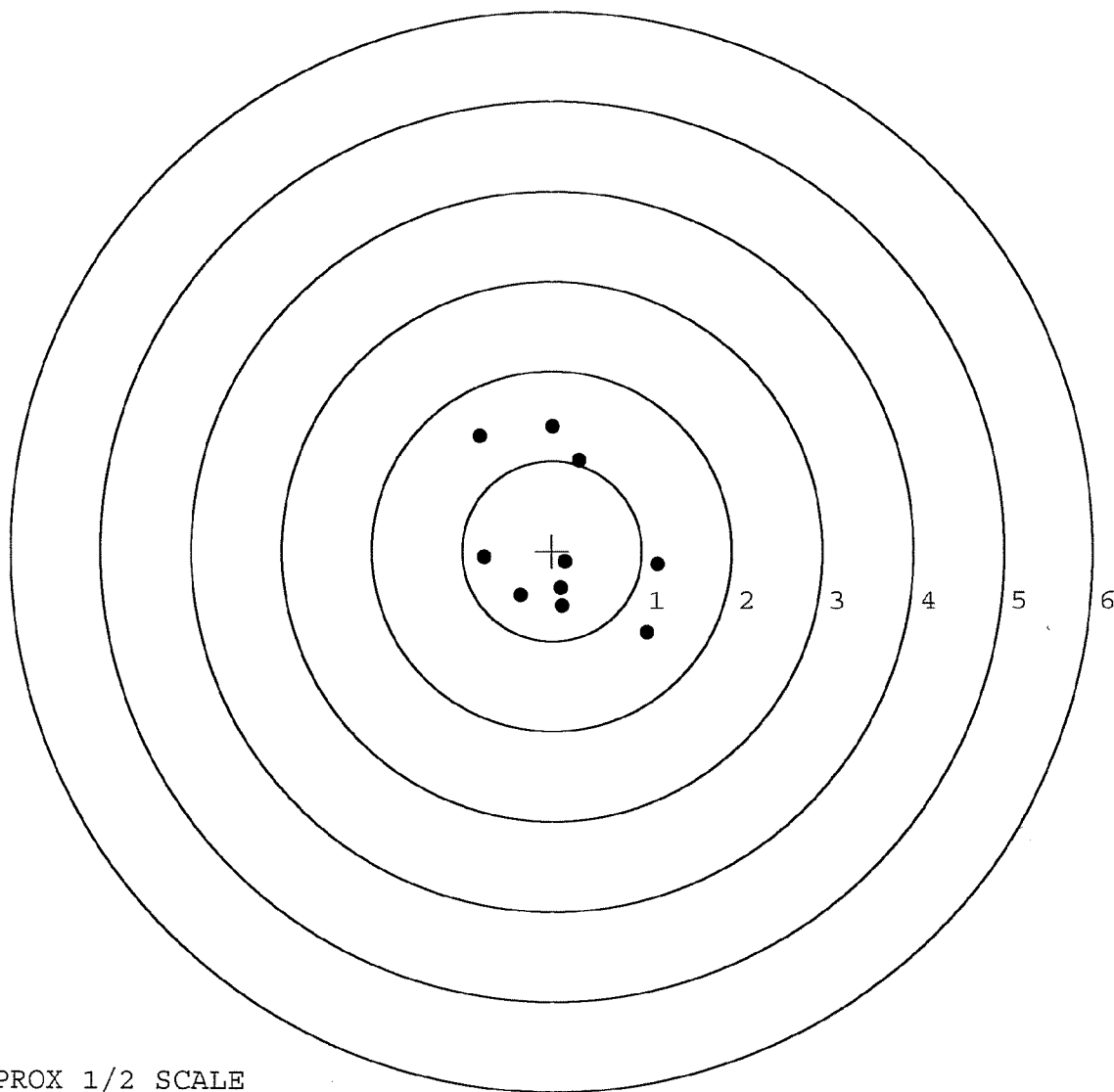
MAX RADIUS: 1.488

MEAN RADIUS: 0.924

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360882. 0

TARGET NUMBER: 3

FILE DATE: 02/28/2005

FILE TIME: 07:56

POINT#	X	Y
1:	2.177	-0.015
2:	1.006	-0.427
3:	0.502	-0.119
4:	0.025	-0.233
5:	0.516	-1.159
6:	-0.619	-0.404
7:	-1.093	-0.110
8:	-1.350	0.969
9:	0.075	1.059
10:	-0.399	1.510

X CENTROID: 0.084

Y CENTROID: 0.107

POA TO CENTROID: 0.136

HORZ SPREAD: 3.527

VERT SPREAD: 2.669

GROUP SPREAD: 3.662

MIN RADIUS: 0.345

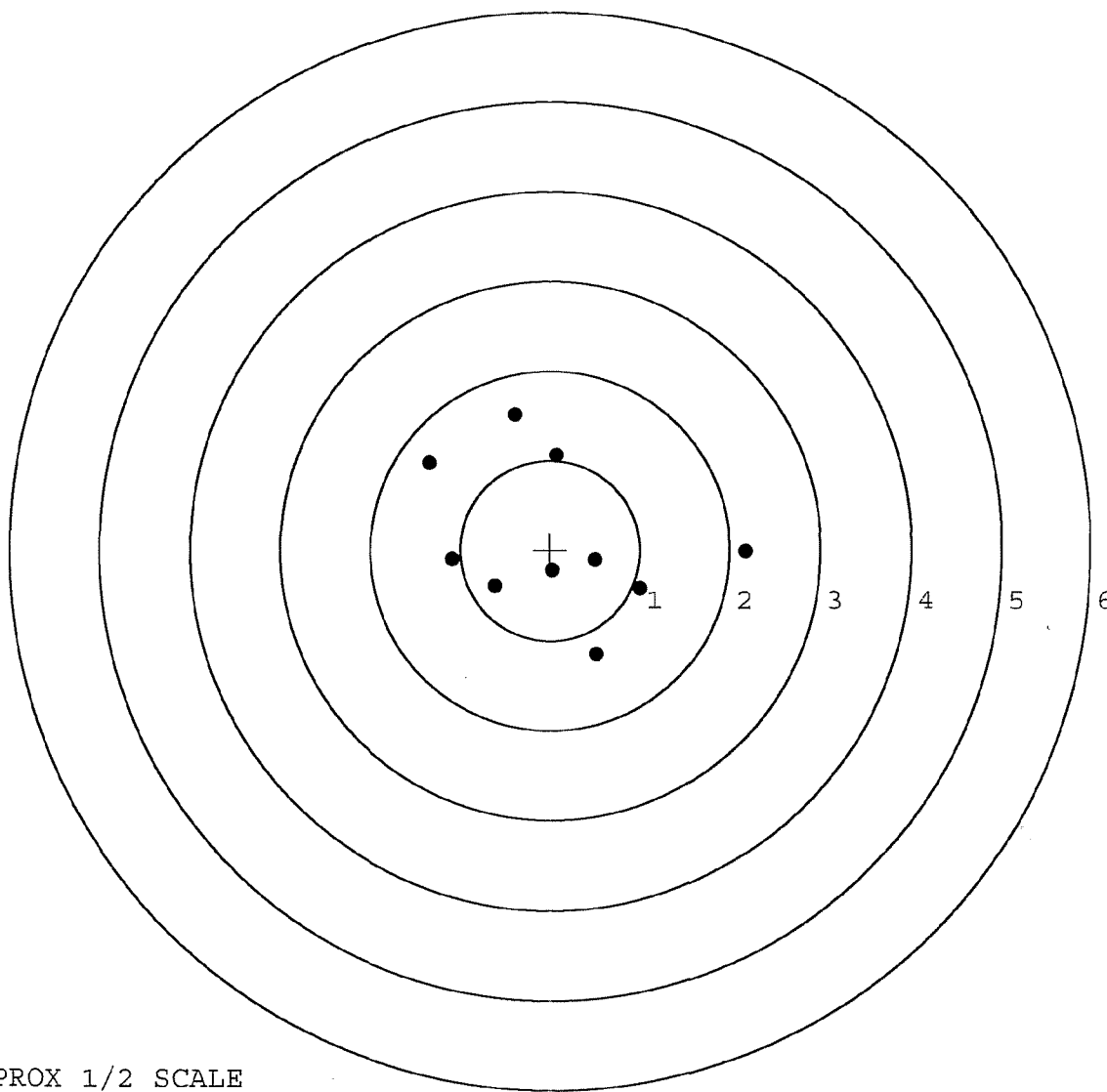
MAX RADIUS: 2.097

MEAN RADIUS: 1.150

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 8

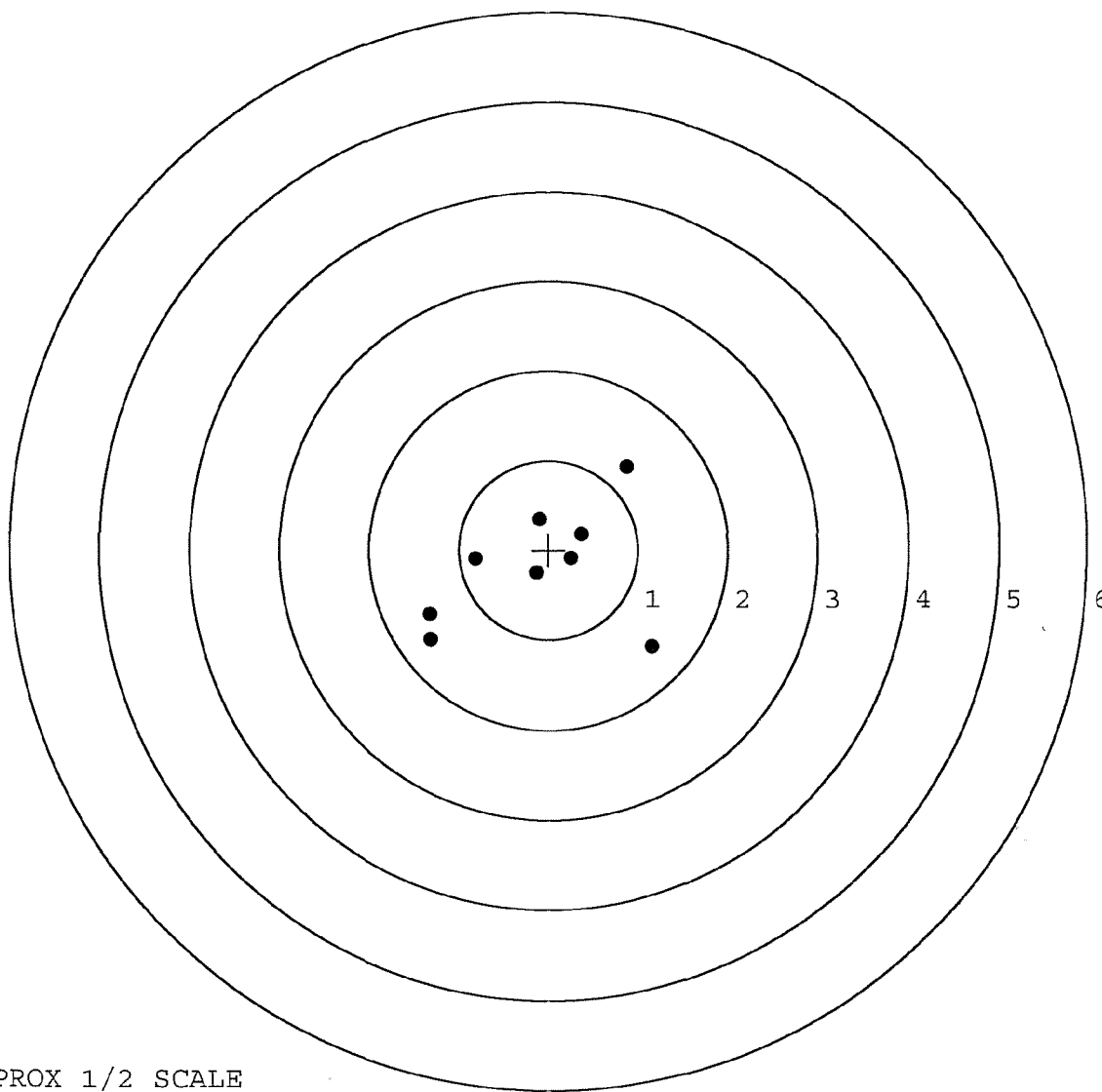


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360882. __0
TARGET NUMBER: 4
FILE DATE: 02/28/2005
FILE TIME: 07:56

POINT#	X	Y
1:	1.155	-1.082
2:	0.868	0.930
3:	-0.113	0.341
4:	-0.817	-0.104
5:	-0.138	-0.264
6:	-1.323	-0.725
7:	-1.319	-1.002
8:	0.372	0.174
9:	0.251	-0.095

X CENTROID: -0.118
Y CENTROID: -0.203
POA TO CENTROID: 0.235
HORZ SPREAD: 2.478
VERT SPREAD: 2.012
GROUP SPREAD: 2.504
MIN RADIUS: 0.064
MAX RADIUS: 1.547
MEAN RADIUS: 0.902
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360882. __0

TARGET NUMBER: 5

FILE DATE: 02/28/2005

FILE TIME: 07:56

POINT#	X	Y
1:	1.964	-0.201
2:	0.922	-1.508
3:	-0.678	0.931
4:	0.122	0.698
5:	0.293	0.406
6:	-0.063	-0.008
7:	-0.048	-0.462
8:	-0.482	-0.751
9:	-0.903	-0.558
10:	-1.155	-0.640

X CENTROID: -0.003

Y CENTROID: -0.209

POA TO CENTROID: 0.209

HORZ SPREAD: 3.119

VERT SPREAD: 2.439

GROUP SPREAD: 3.150

MIN RADIUS: 0.210

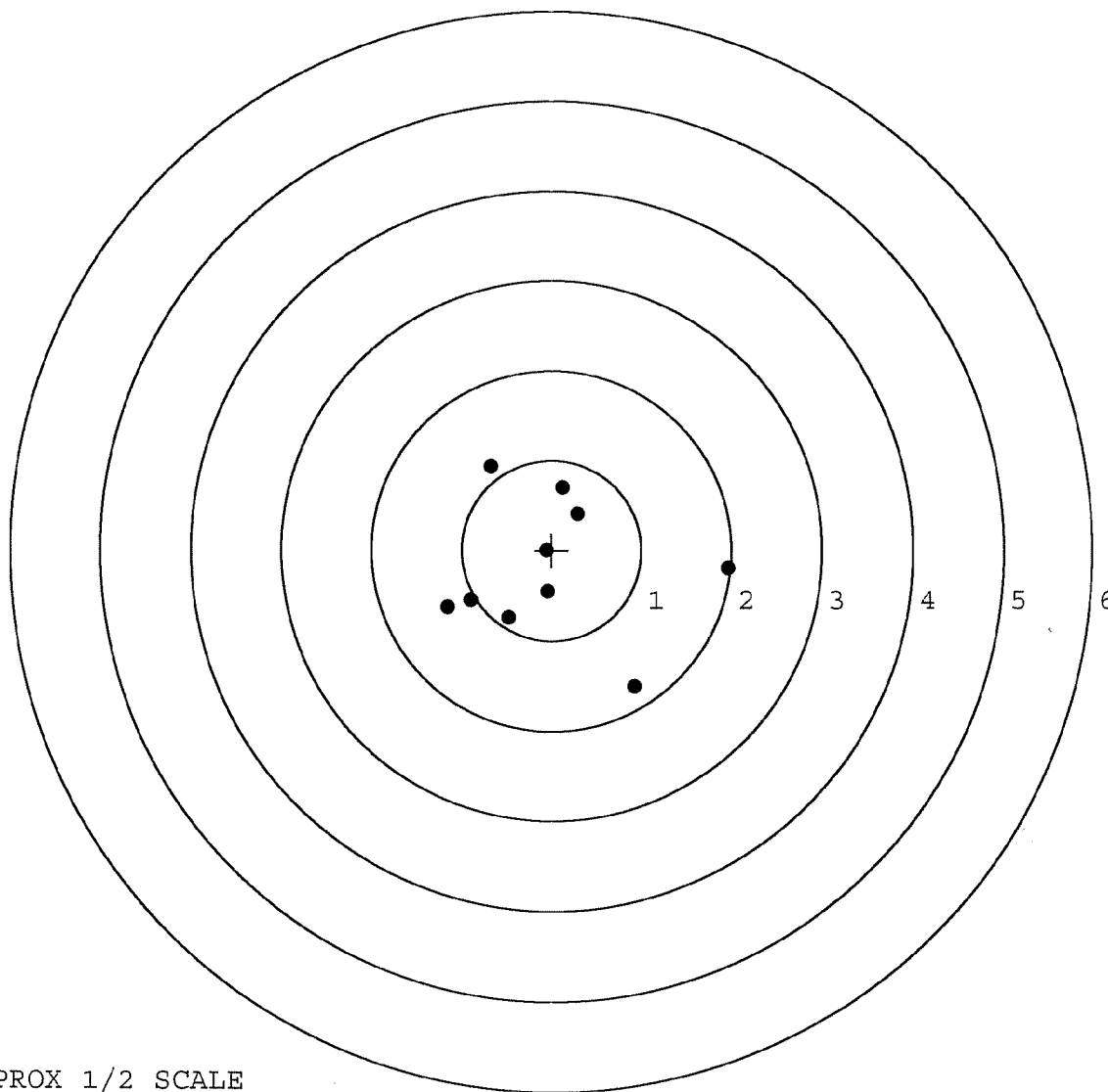
MAX RADIUS: 1.967

MEAN RADIUS: 0.987

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

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)

SERIAL NO. _____

DATE

2-8-05

TESTER

TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.21	2.63		2.09	
PULL #2	2.41	2.80		2.13	
PULL #3	2.48	2.60		2.15	
PULL #4	2.47	2.54		2.15	
PULL #5	2.53	2.40		2.20	
TOTAL	12.10	12.97		10.73	
AVERAGE	2.42	2.59		2.14	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.37	3.29		
PULL #2	3.40	3.21		
PULL #3	3.43	3.24		
PULL #4	3.27	3.06		
PULL #5	3.18	3.14		
TOTAL	16.65	15.94		
AVERAGE	3.33	3.18		

	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	4.22	4.28		4.63
PULL #2	4.09	4.40		4.11
PULL #3	4.14	4.39		4.11
PULL #4	4.04	4.19		4.08
PULL #5	4.10	4.47		4.18
TOTAL	20.59	21.73		21.11
AVERAGE	4.11	4.34		4.22

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

R & E NUMBER	92124		
SERIAL NUMBER	E641361Z		G6360882
LOG-IN DATE	1-31-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2-8-05	RTZ
560 A	RE-BARREL	2-12-05	RTZ
B	DRILL AND TAP	2-15-05	TKW
575	ASSEMBLE	2-12-05	RTZ
600	PROOF	2-14-05	AC
605	CHECK HEADSPACE	2-14-05	AC
610	DIS-ASSEMBLE GUN	2-14-05	RTZ
612	MAGNAFLUX		OPERATOR
615	ROLLMARK CALIBER	2-17-05	CW
618	ROTO-BLAST	2-17-05	LB
620	APPLY COATINGS	2/23/05	HP
625 A	FINAL ASSEMBLY	2-25-05	RTZ
B	TRIGGER PULL TEST	3-7-05	RTZ
C	SAFETY "ON" FORCE	3-7-05	RTZ
D	SAFETY "OFF" FORCE	3-7-05	RTZ
E	FIRING PIN INDENT	NA	
640	TARGET	2-28-05	AK
655	FINAL INSPECT	3-7-05	RTZ
660	PACK	3-7-05	DA
		SHIP DATE	
		QAR INSPECTION DATE	

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # e6413612
28 Mar 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: $-.0776$
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: $.0338$
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: $.0846416$

THE AMR FOR THIS RIFLE IS: $.9818$

CENTROIDAL DISTANCES

0 TO	1	.0458912
1 TO	2	.280492
1 TO	3	.270675
1 TO	4	.135871
1 TO	5	.0304138

3 4
2 5 <----POA

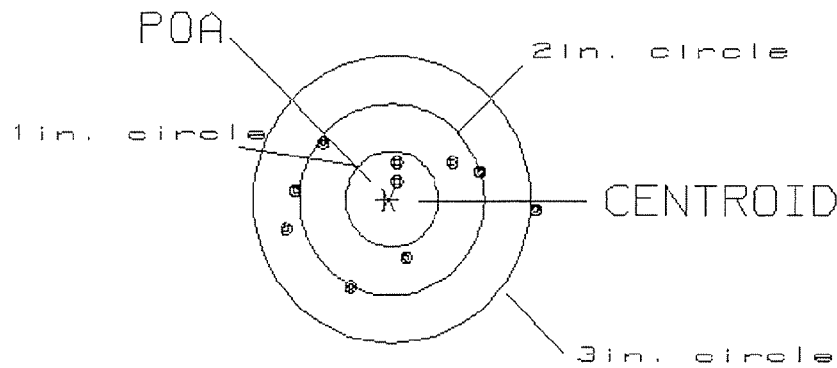
PATTERN #: 1

POA TO CENTROID: .046
 MIN RADIUS : .219
 MEAN RADIUS : .865
 MAX RADIUS : 1.531
 CENTROID X : .045
 CENTROID Y : .009

28 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413612

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.67
 US= 1.49
 GS= 2.68

2
 6
 9

PATTERN #: 2

POA TO CENTROID: .235

MIN RADIUS : .258

MEAN RADIUS : 1.025

MAX RADIUS : 1.933

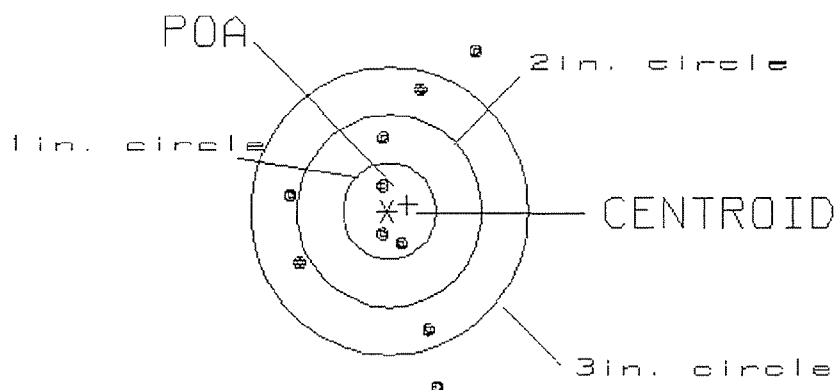
CENTROID X : -.225

CENTROID Y : -.067

28 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413612

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.02

3

VS= 3.48

4

GS= 3.50

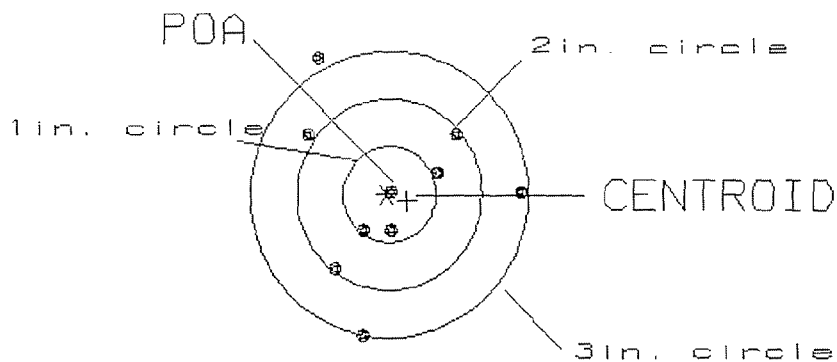
8

PATTERN #: 030
 POA TO CENTROID: .230
 MIN RADIUS : .048
 MEAN RADIUS : .888
 MAX RADIUS : 1.654
 CENTROID X : -.218
 CENTROID Y : .073

28 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413612

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.24

2

VS= 2.67

6

GS= 2.93

9

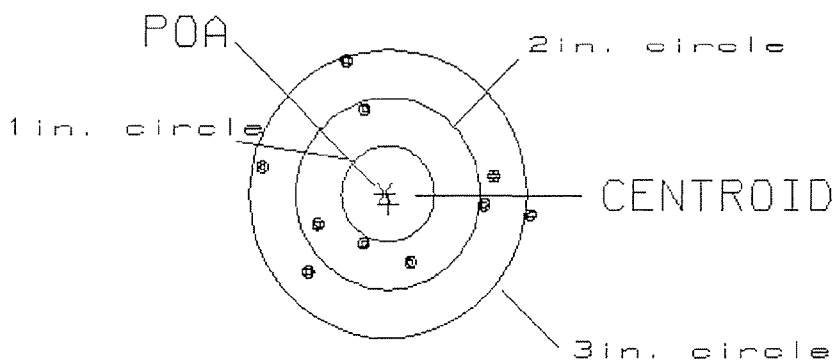
PATTERN #: 4

POA TO CENTROID: .122
 MIN RADIUS : .603
 MEAN RADIUS : 1.086
 MAX RADIUS : 1.561
 CENTROID X : -.040
 CENTROID Y : .115

28 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413612

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.91
 VS= 2.25
 GS= 2.95

0
 4
 9

REMINGTON CENTERFIRE ACCURACY TEST

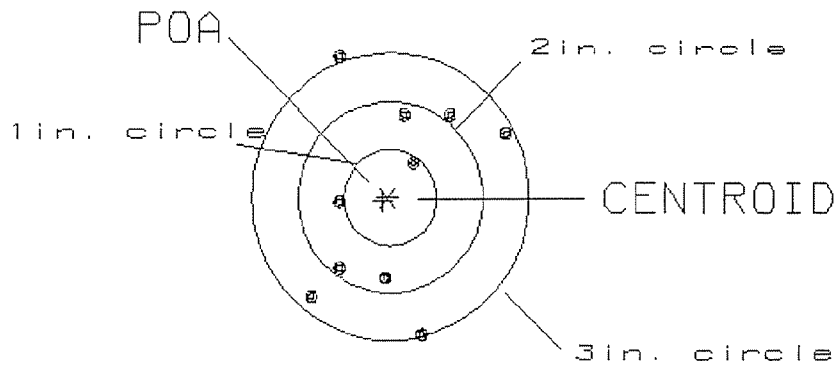
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 5
 POA TO CENTROID: .063
 MIN RADIUS : .458
 MEAN RADIUS : 1.045
 MAX RADIUS : 1.522
 CENTROID X : .050
 CENTROID Y : .039

28 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413612

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.10

1

VS= 2.65

5

GS= 2.98

9

Remington®



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

MODEL 700™ H24

SERIAL NO.
C6225534

ORDER NO.
5716

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

28



5716 C6225534

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DEPARTMENT OF THE ARMY

Commander
HHC 1505 AIR
Ft Bragg NC 28307

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PENALTY FOR PRIVATE USE. \$300

DA Label 18-1, Sep 83
Edition of Oct 74 will be used until exhausted

Remington Arm Co Inc.
Attn. Fabricated Products Dept.
14 HOEFLE ~~ER~~ AVE.
ILLION, NY 13357-1816

BOA DAHA 09-92-C-0834

CONTRACT # DAAA21-87-C-0086

New Barrel

GUN SERIAL # C6225534

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		2/20/95	RW
600	Proof		2/20/95	RW
607	Check Headspace		2/20/95	RW
610	Dis-assemble Gun		2/20/95	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		3/13/95	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		3/13/95	RW
	C) Inspect Ejector Hole for Chamfer		3/13/95	RW
	D) Oil Firing Pin Ass'y		3/13/95	RW
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	OP. NAME	READINGS	DATE	INIT
625 cont.	F) Safety On Force			
	G) Safety Off Force			
	H) Trigger Pull Test & Retainability			
	I) Firing Pin Indent			
	J) Assemble Stock			
	K) Assemble Swivel Studs			
	L) Attach Front and Rear Sight Assemblies			
	M) Iron Sight Alignment			
	N) Detach Front & Rear Sights & place in numbered container			
	O) Attach Scope to Rifle			
	P) Detach & Attach Scope 20 Times			
640	Gallery Target & Test		3/13/95	RW
	A) Time			
	B) Malfunctions			
	C) Pierced Primers			
	D) Optical Clarity of Scope			
645	Inspect for Live Ammo		3/13/95	RW
655	Final Inspection			
	A) Headspace		3/14/95	RW
	B) Trigger Pull			
	C) Function		3/14/95	RW
660	Pack			

Final Inspection

Sn: C6225534

DATE REC'D: 2/2/95

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:

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225534
28 Mar 1995

CENTROIDAL DISTANCES

0 TO	1	.181596
1 TO	2	.654643
1 TO	3	.309742
1 TO	4	.213841
1 TO	5	.0617171

0.000000

<----POA

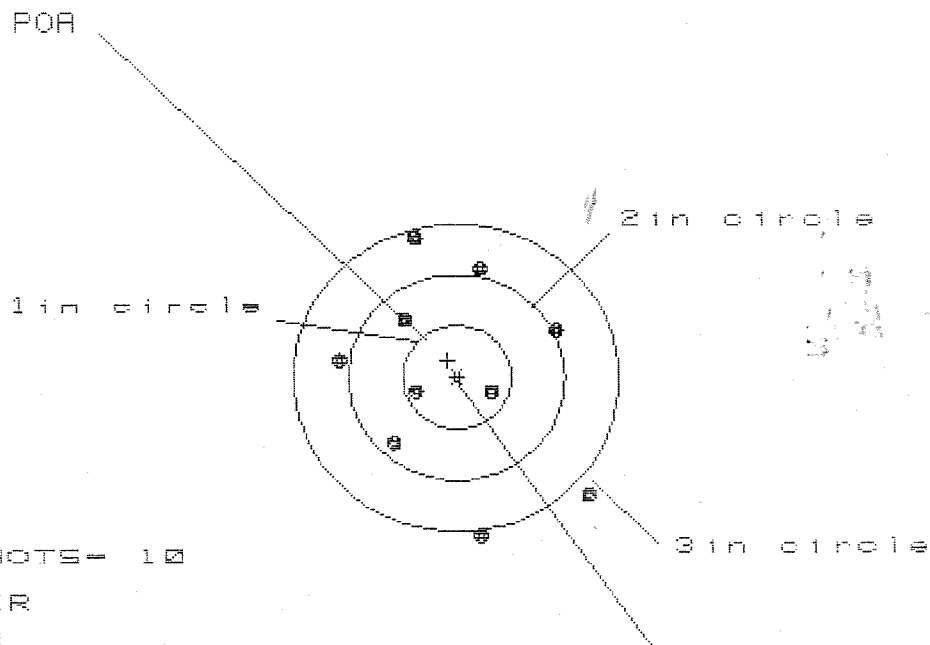
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .055
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0028
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0994024
THE AMR FOR THIS RIFLE IS: .966

28 Mar 1995

FILE:/PATTERNING/CENTERFIRE_PATT/C6225534

CENTERFIRE PATTERNS

1



OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 8

HE= 2.251

VS= 2.844

GS= 2.927

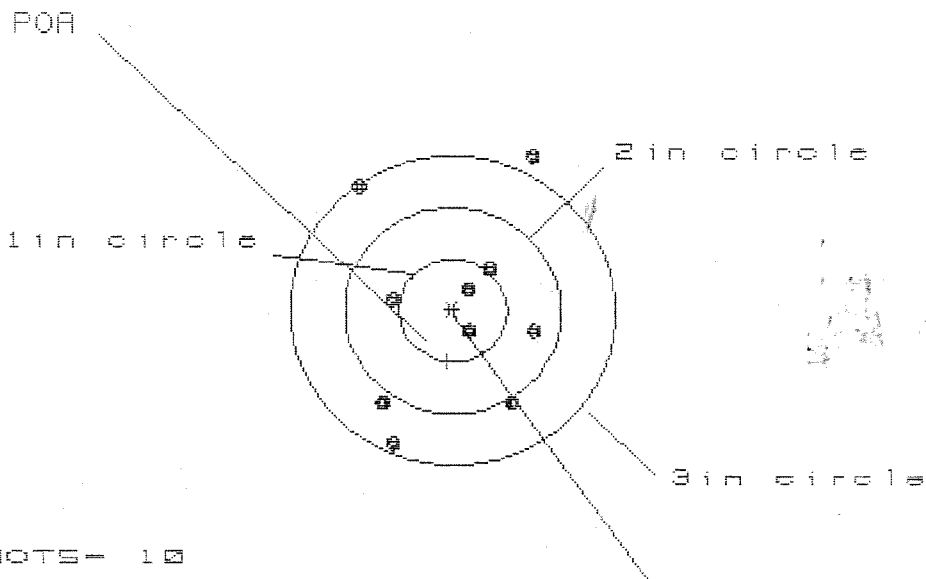
CENTROID #

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.207	1.056	1.100
MINIMUM X	:	-1.044	-.910	-.866
MAXIMUM Y	:	1.327	1.200	.994
MINIMUM Y	:	-1.517	-1.644	-.932
CENTROID X	:	.084	-.050	-.094
CENTROID Y	:	-.161	-.034	.171
POA TO CENTROID in.	:	.182	.060	.196
MIN RADIUS	:	.332	.376	.405
MEAN RADIUS	:	1.001	.908	.799
MAX RADIUS	:	1.663	1.682	1.109
HORIZONTAL SPREAD	:	2.251	1.966	1.966
VERTICAL SPREAD	:	2.844	2.844	1.927
EXTREME SPREAD	:	2.927	2.903	1.986
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			4	
NUMBER IN THREE INCH CIRCLE =			8	

28 Mar 1995

FILE:/PATTERNING/CENTERFIRE_PATT/CS225534

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 3

HS= 1.618

VS= 2.785

GS= 3.077

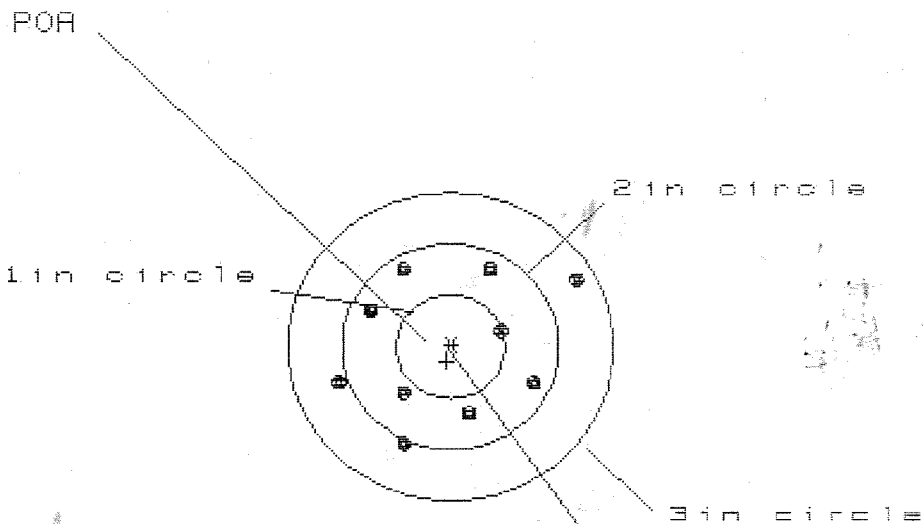
CENTROID *

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.769	.848	.752
MINIMUM X	:	-.849	-.770	-.669
MAXIMUM Y	:	1.529	1.335	.782
MINIMUM Y	:	-1.256	-1.086	-.919
CENTROID X	:	.055	-.024	.072
CENTROID Y	:	.493	.323	.156
POA TO CENTROID in.	:	.496	.324	.172
MIN RADIUS	:	.210	.190	.184
MEAN RADIUS	:	.913	.829	.735
MAX RADIUS	:	1.687	1.541	1.105
HORIZONTAL SPREAD	:	1.618	1.618	1.421
VERTICAL SPREAD	:	2.785	2.421	1.701
EXTREME SPREAD	:	3.077	2.515	1.947
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	9		

28 Mar 1995

FILE:/PATTERNING/CENTERFIRE_PATT/06225534

CENTERFIRE PATTERNS # 3



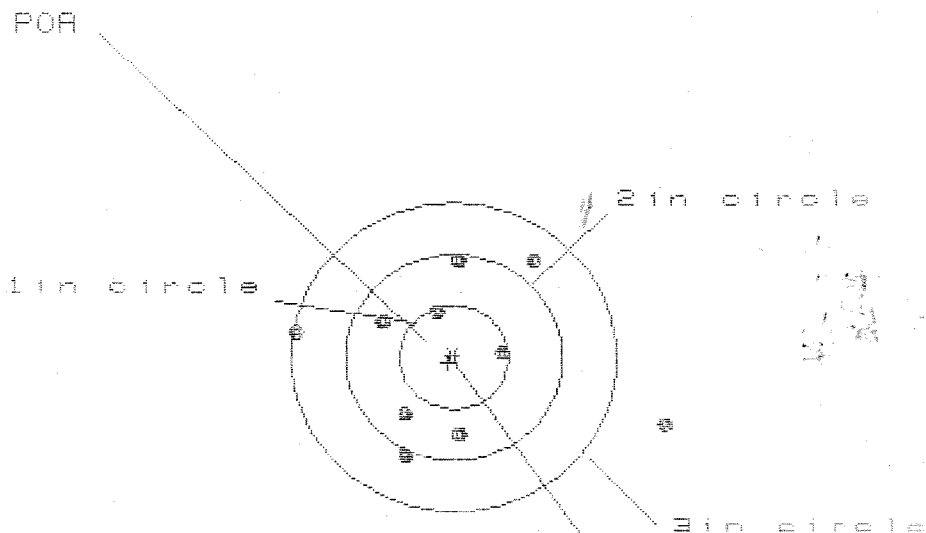
OF SHOTS= 10
 # IN CIR
 1in = 0
 2in = 7
 3in = 10
 HS= 2.238
 VS= 1.782
 GS= 2.443

PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.212	.859	.748
MINIMUM X	-1.026	-.891	-.732
MAXIMUM Y	.803	.875	.844
MINIMUM Y	-.979	-.907	-.938
CENTROID X	.036	-.099	.013
CENTROID Y	.145	.073	.104
POA TO CENTROID in.	.149	.123	.105
MIN RADIUS	.505	.453	.541
MEAN RADIUS	.871	.804	.781
MAX RADIUS	1.376	1.010	1.010
HORIZONTAL SPREAD	2.238	1.750	1.480
VERTICAL SPREAD	1.782	1.782	1.782
EXTREME SPREAD	2.443	1.939	1.939
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

28 Mar 1935

FILE:/PATTERNING/CENTERFIRE_PATT/C6225534

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 8

HS= 3.389

VS= 1.921

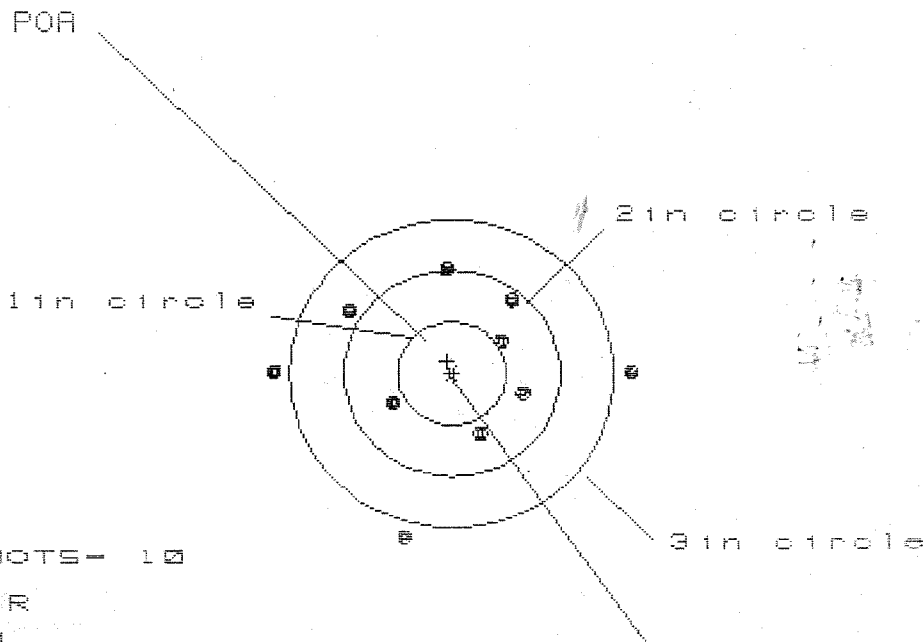
GS= 3.512

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.895	.947	.787
MINIMUM X	:	-1.494	-1.284	-.598
MAXIMUM Y	:	.943	.868	.891
MINIMUM Y	:	-.978	-1.053	-1.030
CENTROID X	:	.056	-.154	.006
CENTROID Y	:	.051	.126	.103
POA TO CENTROID in.	:	.076	.199	.104
MIN RADIUS	:	.493	.409	.459
MEAN RADIUS	:	.987	.849	.788
MAX RADIUS	:	2.010	1.296	1.189
HORIZONTAL SPREAD	:	3.389	2.231	1.385
VERTICAL SPREAD	:	1.921	1.921	1.921
EXTREME SPREAD	:	3.512	2.336	2.238
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

28 Mar 1995

FILE:/PATTERNING/CENTERFIRE_PATT/CG225534

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 0

2in = 5

3in = 7

HS= 3.329

VS= 2.614

GS= 3.330

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.642	1.455	.696
MINIMUM X	:	-1.687	-1.165	-.983
MAXIMUM Y	:	1.050	1.056	1.056
MINIMUM Y	:	-1.564	-1.558	-1.558
CENTROID X	:	.044	.231	.049
CENTROID Y	:	-.114	-.120	-.120
POA TO CENTROID in.	:	.122	.261	.130
MIN RADIUS	:	.567	.423	.570
MEAN RADIUS	:	1.058	.962	.906
MAX RADIUS	:	1.688	1.674	1.616
HORIZONTAL SPREAD	:	3.329	2.620	1.679
VERTICAL SPREAD	:	2.614	2.614	2.614
EXTREME SPREAD	:	3.330	2.684	2.638
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6725534

OP. #	OP. NAME	READINGS	DATE	INIT
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 and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head			
	C) Inspect Ejector Hole for Chamfer			
	D) Oil Firing Pin Ass'y			
	E) Adjust Trigger Pull to Min Setting and Stake		7.23.91	821

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force							
	G) Safety Off Force							
	H) Trigger Pull Test & Retainability						7-23-91	XY
	I) Firing Pin Indent							
	J) Assemble Stock							
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test	15 RPs Test					7-24-91	D/H
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection							
	A) Headspace							
	B) Trigger Pull	2.30	2.34	2.28	2.30	2.32	7-26-91	XY
	C) Function							
660	Pack							

SWS TRIGGER PULL TEST

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

SERIAL NO. C-6225534
DATE 7-23-91
TESTER JP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.45	2.50	2.48	2.30	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.41	2.52	2.50	2.34	
PULL #3	2.45	2.50	2.55	2.28	
PULL #4	2.44	2.49	2.48	2.30	
PULL #5	2.49	2.51	2.46	2.32	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.21	3.55		
PULL #2	3.22	3.66		
PULL #3	3.54	3.65		
PULL #4	3.60	3.49		
PULL #5	3.59	3.60		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.18	4.46		4.48
PULL #2	4.40	4.48		4.50
PULL #3	4.36	4.50		4.38
PULL #4	4.40	4.53		4.55
PULL #5	4.41	4.51		4.56
TOTAL				
AVG.				

RECEIVING AND ESTIMATING REPORT

COMMENTS

W/10X SCOPE & TOOL BOX
M-24 SNIPER

INITIAL CUSTOMER ORDER NO.

JJM

DATE RECEIVED

07/02/91

DATE OPENED

07/08/91

DATE CODE

SERIAL NUMBER

C6225534

MODEL AND GRADE

700

7.62

NATO

ORDER

R

91-13571

ACCESSORIES

W/STUDS

SCOPE MNTS

SCOPE BASE

HARD CASE

FROM:

D CO 782ND MAINTANCE BA
FORT BRAGG NC 28307
USA

SHIP TO:

D CO 782ND MAINTANCE BA
FORT BRAGG NC
USA 28307

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

CLEAN/TEST

PROM. DATE

ESTIMATED

VIA

UPS

REPAIR CHARGE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

GUN CONDITION:

☐ NEW

☐ SLIGHTLY WORN

☒ VERY WORN

☐ MISUSED

☐ MARRED

CUSTOMER'S REQUEST

MAIN FAULT

- ① Re-Powder Coat ABL Action
- ② Re-Powder Coat Trigger Guard
- ③ New Trigger Assy.
- ④ Re-Zinc Plus Screws & Scope Rings
- ⑤ Fix Sticky Bolt Latch

PARTS

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 7/90

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400083260

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	PD AUTHENTICATION	
☐ Work Request ☐ MWO ☒ Warranty Claim		1A. ORGANIZATION <i>D0762 Maint</i>		B. LOCATION <i>FT BRAGG NC</i>		C. UNIT IDENT CODE <i>W40400</i>	
2. SERIAL NO. <i>6622534</i>		3. NOUN NOMENCLATURE <i>M24 K 11 712</i>		4. LINE NO. <i>N/A</i>	5. MODEL	6. NATIONAL STOCK NUMBER <i>104-41-240-31-6</i>	
7A. MAINTENANCE ACTIVITY		B. LEVEL	8. UTILIZATION CODE	9A. MCSR ITEM	9B. ERC	9C. PACING ITEM	10. HOURS
							11. MILES
							12. ROUNDS
							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				☐ 088 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).							
B. REMARKS							
SECTION II - WORK ACCOMPLISHED							
17A. REPAIR ORGANIZATION/ACTIVITY			C. UNIT IDENT. CODE		18. TYPE ORGANIZATION/ACTIVITY ACCOMPLISHING WORK (Select one - use ☒ or X)		19. AMS ACCT. CODE
B. LOCATION					☐ 1 TOE ☐ 2 TD ☐ 3 Contractor		
20A. ACT. CODE	B. FAILURE CODE	C. COMPONENT/PART NOUN, SVC, OR MWO NO.			D. MANHOURS (Hrs. & tenths)	E. NATIONAL STOCK NUMBER	F. PART SOURCE CODE
		(1) CB CODE	(2) REF DESIGN.	(3) MFR. CODE			
					I. TOTAL MANHOURS	J. TOTAL MANHOURS COST \$	K. TOTAL PARTS COST \$
21. DELAY (Select One)		☐ 1 Parts	☐ 2 Manpower	☐ 3 Facilities	☐ 4 Funds	☐ 5 Tools	22. Data Transcribed
23. SUBMITTED BY		24. RECEIVED BY		25. WORK STARTED BY		25. INSPECTED BY	
<i>[Signature]</i>							
JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE	
<i>11/14/88</i>							
27. ACCEPTED BY		28. DISPOSITION (Select One)					
		☐ A To User ☐ D Evacuated ☐ B To Stock ☐ E Cannibalization ☐ C Salvaged					

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225534

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	12 9 88	12/22/88	RW
600	Proof	12 9 88	12/22/88	RW
607	Check Headspace	12 9 88	12/22/88	RW
610	Dis-assemble Gun	12 9 88	12/22/88	RW
612	Magnaflux Barrel Action		12/22/88	Pfc.
	Magnaflux Bolt		1-3-89	Pfc.
615	Rollmark Caliber		12/22/88	WBC
617	Drill and Tap Sight Holes	12 9 88	12/22/88	FB
618	Polish Barrel	12 2 88	12/22/88	WJD
620	Apply Coatings (Barrel Action)		1/16/89	JA
	Apply Coating (Bolt)		1/16/89	JA
625	Final Assembly			
	A) Clean inside of Bolt Assembly		2/7/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/7/89	RW
	C) Inspect Ejector Hole for Chamfer		2/7/89	RW
	D) Oil Firing Pin Ass'y		2/7/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		7/26/89	JD

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	4	4			10/26/89	JSJ
	G) Safety Off Force	3	3	3			10/26/89	JSJ
	H) Trigger Pull Test & Retainability						7/3/89	JSJ
	I) Firing Pin Indent	.021	.0215	.022			10/26/89	JSJ
	J) Assemble Stock						3/1/89	RW
	K) Assemble Swivel Studs						7/1/89	JSJ
	L) Attach Front and Rear Sight Assemblies						3/1/89	RW
	M) Iron Sight Alignment						3/1/89	RW
	N) Detach Front & Rear Sights & place in numbered container						3/1/89	RW
	O) Attach Scope to Rifle						3/3/89	RW
	P) Detach & Attach Scope 20 Times						3/3/89	WJB
640	Gallery Target & Test	75 R	79 L				3/6/89	DH
	A) Time						3/6/89	DH
	B) Malfunctions						3/6/89	DH
	C) Pierced Primers						3/6/89	DH
	D) Optical Clarity of Scope						3/6/89	DH
645	Inspect for Live Ammo						3/6/89	DH
655	Final Inspection							
	A) Headspace						7/1/89	JSJ
	B) Trigger Pull	2.69	2.75	2.75	2.75	2.64	7/1/89	JSJ
	C) Function						7/1/89	JSJ
660	Pack						22/1/89	JSJ

SWS TRIGGER PULL TEST

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

SERIAL NO. 5534
DATE 3-31-90
TESTER JEP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.50	2.40	2.49	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.50	2.43	2.44	
PULL #3	2.46	2.38	2.43	
PULL #4	2.41	2.42	2.40	
PULL #5	2.38	2.42	2.38	
TOTAL	12.25	12.05	12.14	
AVG.	2.45	2.41	2.428	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.25	3.34	
PULL #2	3.18	3.36	
PULL #3	3.39	3.33	
PULL #4	3.34	3.30	
PULL #5	3.33	3.32	
TOTAL	16.49	16.65	
AVG.	3.298	3.33	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.44	4.13		
PULL #2	4.37	4.20		
PULL #3	4.32	4.22		
PULL #4	4.38	4.16		
PULL #5	4.04	4.15		
TOTAL	21.55	20.86		
AVG.	4.31	4.172		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C623534
8 Mar 1989

CENTROIDAL DISTANCES

0 TO	1	.300042
1 TO	2	.153473
1 TO	3	.196023
1 TO	4	.439355
1 TO	5	.149967

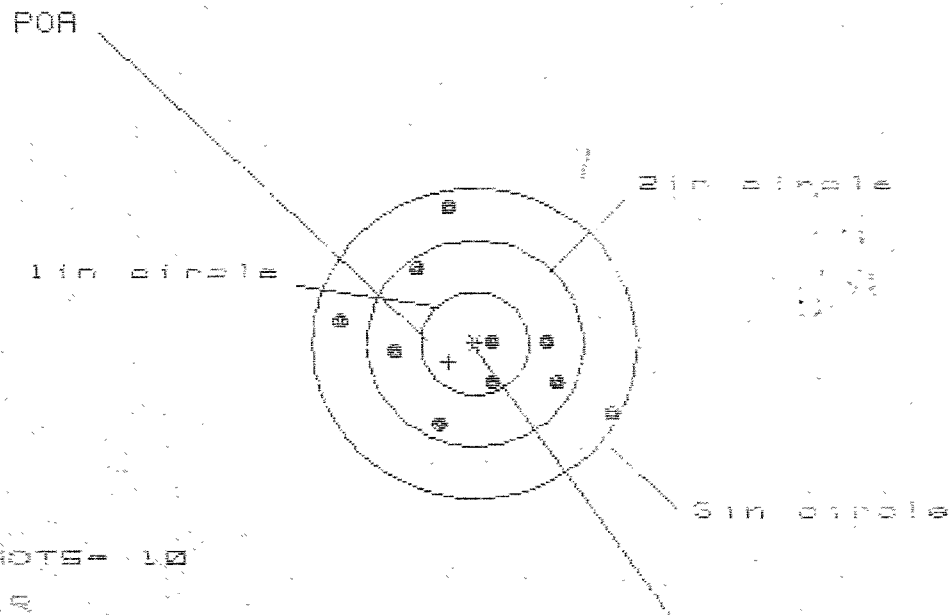
405 ←---POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .175
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1404
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .024354
THE AMR FOR THIS RIFLE IS: .865

6 Mar 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225534

CENTERFIRE PATTERNS # 1



* OF SHOTS = 10

* 1 in circle

1 in circle

2 in circle

3 in circle

HS = 2.502

VS = 2.104

GS = 2.665

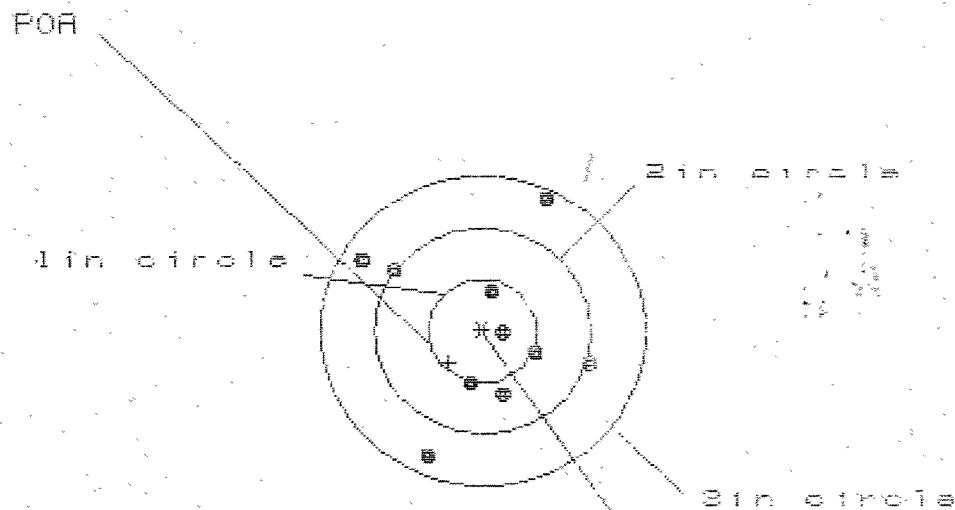
CENTROID +

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.297	.900	.890
MINIMUM X	:	-1.205	-1.061	-1.071
MAXIMUM Y	:	1.320	1.243	.822
MINIMUM Y	:	-.784	-.861	-.705
CENTROID X	:	.243	.039	.109
CENTROID Y	:	.176	.252	.096
POA TO CENTROID IN.	:	.300	.270	.145
MIN RADIUS	:	.173	.313	.325
MEAN RADIUS	:	.862	.805	.729
MAX RADIUS	:	1.468	1.246	1.115
HORIZONTAL SPREAD	:	2.502	1.961	1.981
VERTICAL SPREAD	:	2.104	2.104	1.527
EXTREME SPREAD	:	2.665	2.109	2.063
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

8 Mar 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225534

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 6

3 in = 10

HS = 2.145

VS = 2.521

ES = 2.766

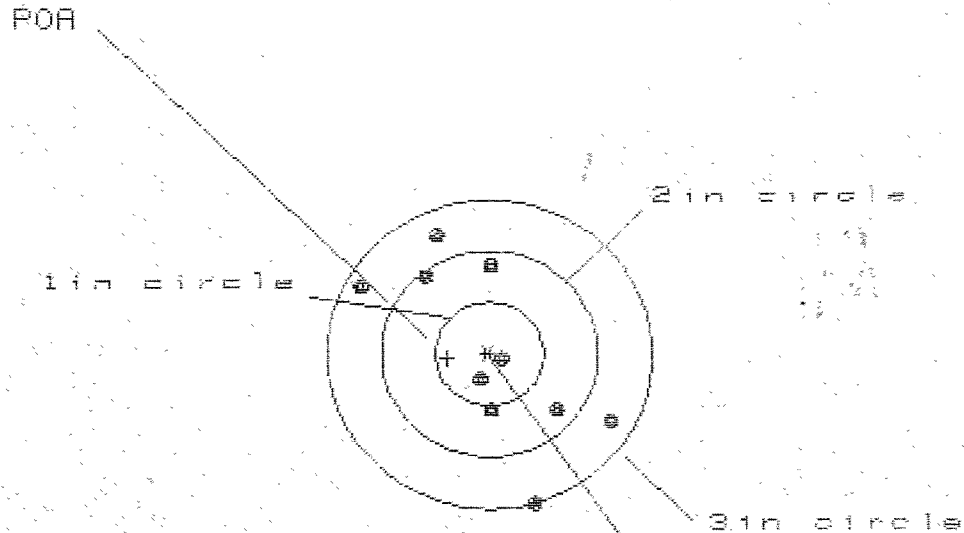
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.013	1.083	.950
MINIMUM X	:	-1.132	-1.062	-.847
MAXIMUM Y	:	1.286	.881	.802
MINIMUM Y	:	-1.235	-1.092	-.982
CENTROID X	:	.316	.246	.379
CENTROID Y	:	.311	.168	.058
POA TO CENTROID in.	:	.444	.298	.383
MIN RADIUS	:	.160	.237	.217
MEAN RADIUS	:	.842	.772	.660
MAX RADIUS	:	1.431	1.380	1.166
HORIZONTAL SPREAD	:	2.145	2.145	1.797
VERTICAL SPREAD	:	2.521	1.973	1.784
EXTREME SPREAD	:	2.766	2.402	2.006
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			10	

8 Mar 1989

FILE: PATTERNING/CENTERFIRE_PATT/C6223534

CENTERFIRE PATTERNS # 3



* OF SHOTS = 10

IN CIR

1 in = 3

2 in = 6

3 in = 10

HS = 2.363

VS = 2.593

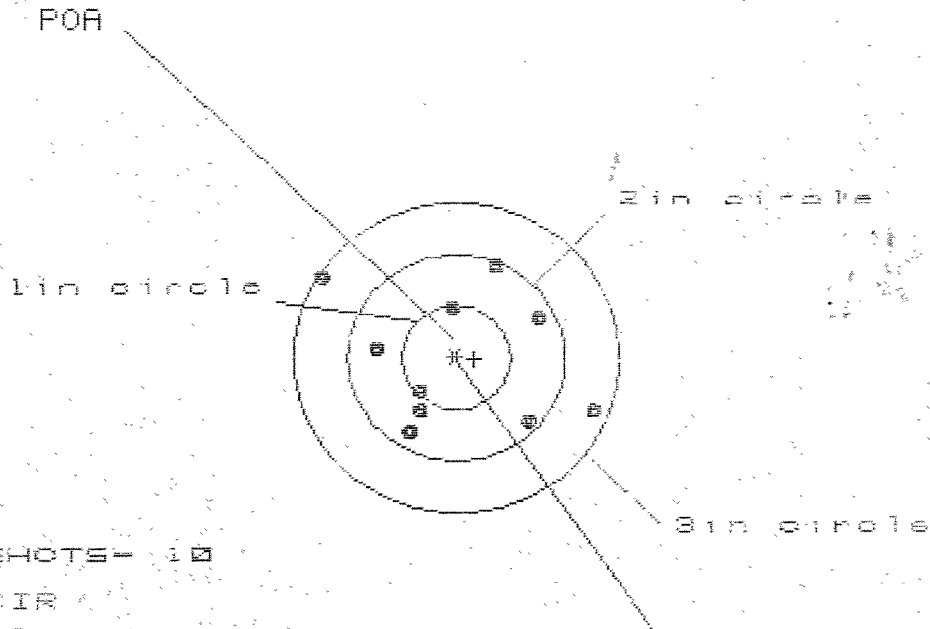
GS = 2.753

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.145	1.195	1.049
MINIMUM X	:	-1.218	-1.168	-.671
MAXIMUM Y	:	1.165	1.007	1.075
MINIMUM Y	:	-1.428	-.801	-.733
CENTROID X	:	.387	.337	.433
CENTROID Y	:	.043	.201	.123
POA TO CENTROID in.	:	.390	.392	.561
MIN RADIUS	:	.096	.248	.142
MEAN RADIUS	:	.897	.845	.770
MAX RADIUS	:	1.498	1.439	1.280
HORIZONTAL SPREAD	:	2.363	2.363	1.720
VERTICAL SPREAD	:	2.593	1.808	1.808
EXTREME SPREAD	:	2.753	2.719	2.425
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

8 Mar 1989

FILE:/PATTERNING/CENTERFIRE PATT/65225554

CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIRC

1 in = 2

2 in = 7

3 in = 10

HS = 2.475

VS = 1.648

GS = 2.788

PATTERN #

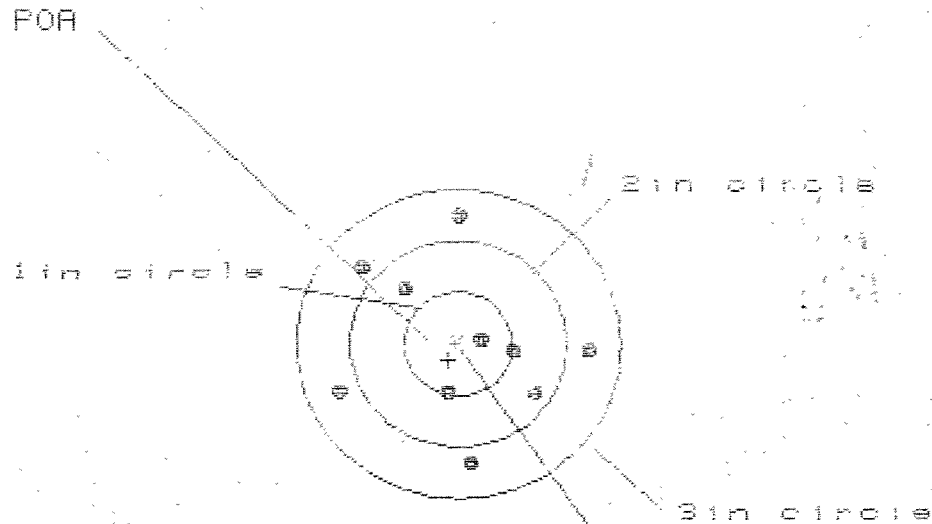
4

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.248	1.112	.792
MINIMUM X	-1.237	-.830	-.891
MAXIMUM Y	.936	1.023	.972
MINIMUM Y	-.712	-.625	-.676
CENTROID X	-.165	-.029	-.168
CENTROID Y	.013	-.074	-.023
POA TO CENTROID in.	.166	.080	.170
MIN RADIUS	.446	.501	.425
MEAN RADIUS	.863	.797	.725
MAX RADIUS	1.458	1.185	1.040
HORIZONTAL SPREAD	2.475	1.942	1.483
VERTICAL SPREAD	1.648	1.648	1.648
EXTREME SPREAD	2.789	2.035	1.846
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

8 Mar 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225534

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in = 3

2 in = 5

3 in = 10

HS = 2.302

VS = 2.351

GS = 2.355

CENTROID #

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.225	1.223	.927
MINIMUM X	-1.077	-1.379	-.926
MAXIMUM Y	1.232	.905	.910
MINIMUM Y	-1.119	-.982	-.977
CENTROID X	.094	.096	-.057
CENTROID Y	.159	.022	.017
POA TO CENTROID in.	.185	.099	.059
MIN RADIUS	.161	.217	.296
MEAN RADIUS	.861	.987	.767
MAX RADIUS	1.232	1.285	1.186
HORIZONTAL SPREAD	2.302	2.302	1.753
VERTICAL SPREAD	2.351	1.987	1.887
EXTREME SPREAD	2.355	2.332	2.142
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		10	