

GC57 7116
Replaced
E 6413573

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: **RE00104849** Serial: E6413573 Model M24 SWS Center Fire Caliber 7.62 NATO Repairman: Status: Closed 12/8/2005 1:15:04 PM

Verify Repair

Address Information

Customer ☒ Received From Return To ☐ Received From

Name: **A CO 3/505 PIR** **A CO 3/505 PIR**

Address 1: **WILL SIMONDS** **WILL SIMONDS**

Address 2: **PO Box** **PO Box**

City: **FORT BRAGG** **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: **910.432.2528**

Fax:

Email:

Comments: **Door Gun#004258**

Received Condition

Condition: **Fair**

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A006	Sling Strap	1
A007	With Studs	3
A008	With Swivels	2
A010	Hard Case	1
A017	Scope Base	1
A026	Scopes	2
A057	Front and Rear Sgt Base	2

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

maglet 12/8/2005 2:38 PM CAPS NUM IIS ECPL

start 2 3

G657 7116
~~G652 1397~~ (New)

~~E6413573~~

Model: M24 SWS



RE00104849

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50 LBS (plus or minus 0.50 LBS)
3.00 LBS (plus or minus 0.75 LBS)
4.00 LBS (plus or minus 1.00 LBS)

DATE

6-14-06

TESTER

R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	254	256		249	
PULL #2	246	257		251	
PULL #3	255	257		237	
PULL #4	260	256		253	
PULL #5	258	255		251	
TOTAL	1273	1281		1241	
AVERAGE	254	256		248	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	322	305		
PULL #2	313	306		
PULL #3	315	305		
PULL #4	318	305		
PULL #5	304	304		
TOTAL	1572	1525		
AVERAGE	314	305		

	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	403	422		415
PULL #2	412	420		421
PULL #3	411	413		415
PULL #4	408	414		413
PULL #5	400	408		412
TOTAL	2034	2077		2076
AVERAGE	406	415		415

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6577116.___0
FILE DATE AND TIME: 06/15/2006 16:20

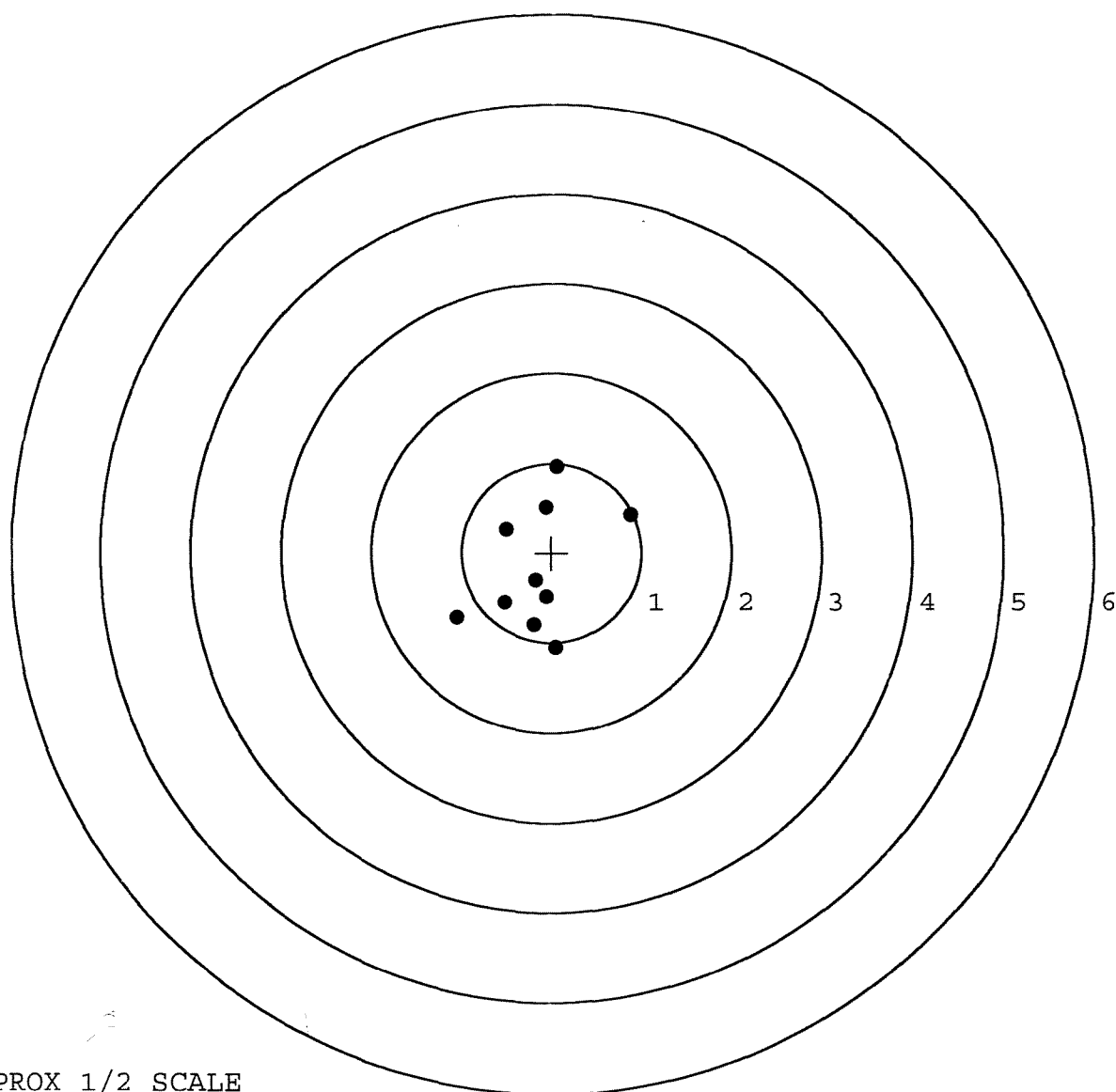
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.137
The Average Y Centroid of the Five Target Set:	-0.162
The Average Point of Impact of the Five Target Set:	0.212
The Average Mean Radius of the Five Target Set:	0.721
The Distance from POA to Centroid Target #1:	0.243
The Distance from Centroid Target #2 to Centroid Target #1:	0.173
The Distance from Centroid Target #3 to Centroid Target #1:	0.315
The Distance from Centroid Target #4 to Centroid Target #1:	0.168
The Distance from Centroid Target #5 to Centroid Target #1:	0.065

SERIAL NUMBER: G6577116. __0
TARGET NUMBER: 1
FILE DATE: 06/15/2006
FILE TIME: 16:20

POINT#	X	Y
1:	0.054	0.962
2:	-0.070	0.502
3:	-0.505	0.255
4:	0.877	0.425
5:	-0.183	-0.307
6:	-0.061	-0.494
7:	-0.520	-0.563
8:	-1.047	-0.733
9:	-0.195	-0.808
10:	0.049	-1.064

X CENTROID: -0.160
Y CENTROID: -0.182
POA TO CENTROID: 0.243
HORZ SPREAD: 1.924
VERT SPREAD: 2.026
GROUP SPREAD: 2.246
MIN RADIUS: 0.127
MAX RADIUS: 1.202
MEAN RADIUS: 0.717
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

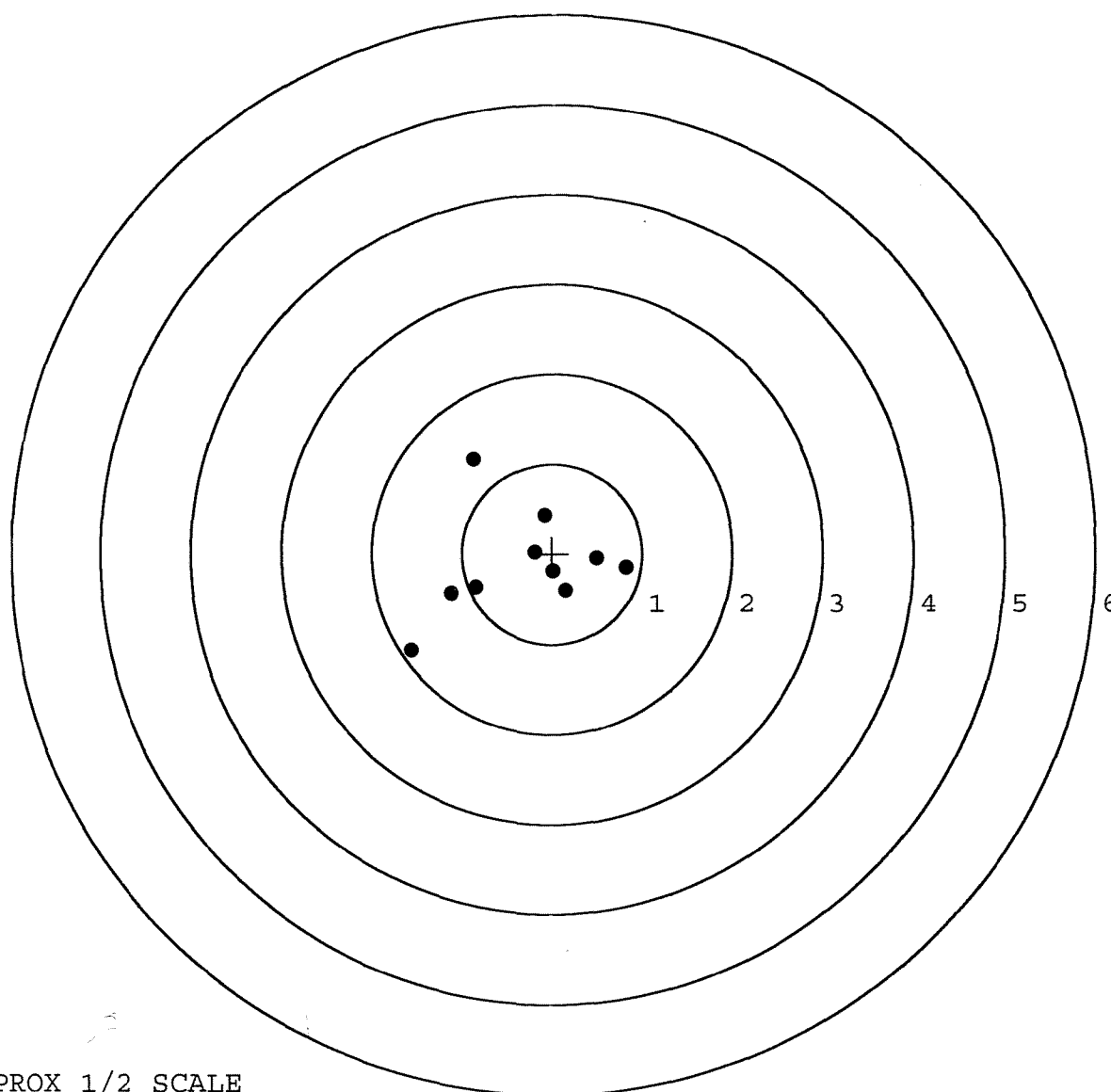


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577116. __0
TARGET NUMBER: 2
FILE DATE: 06/15/2006
FILE TIME: 16:20

POINT#	X	Y
1:	-0.874	1.051
2:	-1.122	-0.440
3:	-0.850	-0.376
4:	-1.565	-1.076
5:	-0.087	0.426
6:	-0.199	0.020
7:	0.009	-0.194
8:	0.148	-0.407
9:	0.494	-0.051
10:	0.825	-0.158

X CENTROID: -0.322
Y CENTROID: -0.121
POA TO CENTROID: 0.344
HORZ SPREAD: 2.390
VERT SPREAD: 2.127
GROUP SPREAD: 2.560
MIN RADIUS: 0.187
MAX RADIUS: 1.568
MEAN RADIUS: 0.795
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

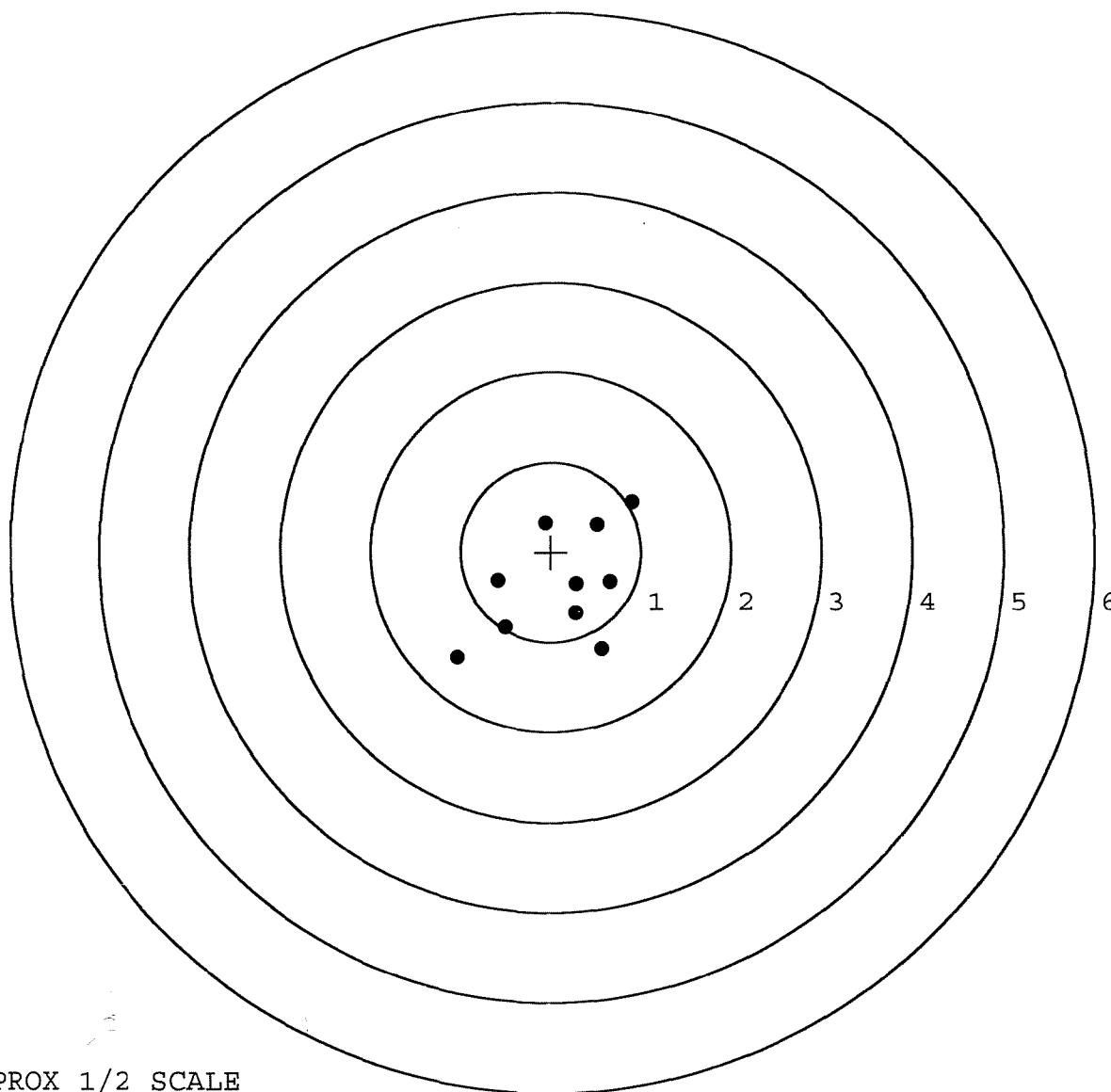


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577116. __ 0
TARGET NUMBER: 3
FILE DATE: 06/15/2006
FILE TIME: 16:20

POINT#	X	Y
1:	-1.035	-1.178
2:	-0.503	-0.844
3:	-0.590	-0.320
4:	-0.070	0.324
5:	0.512	0.308
6:	0.896	0.558
7:	0.657	-0.331
8:	0.284	-0.359
9:	0.283	-0.683
10:	0.573	-1.075

X CENTROID: 0.101
Y CENTROID: -0.360
POA TO CENTROID: 0.374
HORZ SPREAD: 1.931
VERT SPREAD: 1.736
GROUP SPREAD: 2.597
MIN RADIUS: 0.183
MAX RADIUS: 1.400
MEAN RADIUS: 0.754
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

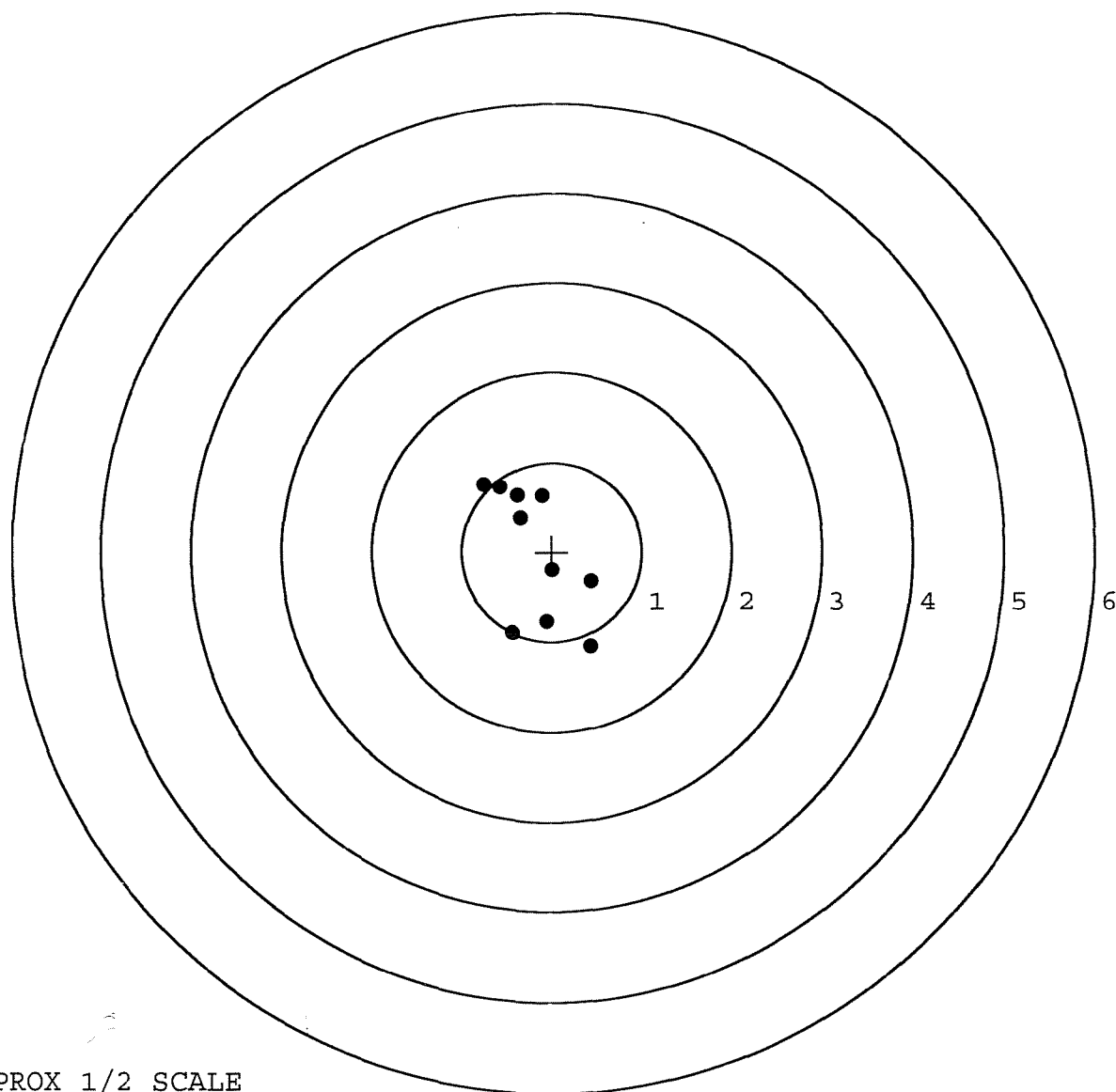


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577116. __ 0
TARGET NUMBER: 4
FILE DATE: 06/15/2006
FILE TIME: 16:20

POINT#	X	Y
1:	-0.438	-0.913
2:	-0.058	-0.784
3:	0.434	-1.056
4:	0.000	-0.202
5:	0.437	-0.330
6:	-0.117	0.628
7:	-0.358	0.383
8:	-0.388	0.638
9:	-0.761	0.749
10:	-0.582	0.724

X CENTROID: -0.183
Y CENTROID: -0.016
POA TO CENTROID: 0.184
HORZ SPREAD: 1.198
VERT SPREAD: 1.805
GROUP SPREAD: 2.165
MIN RADIUS: 0.261
MAX RADIUS: 1.209
MEAN RADIUS: 0.744
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

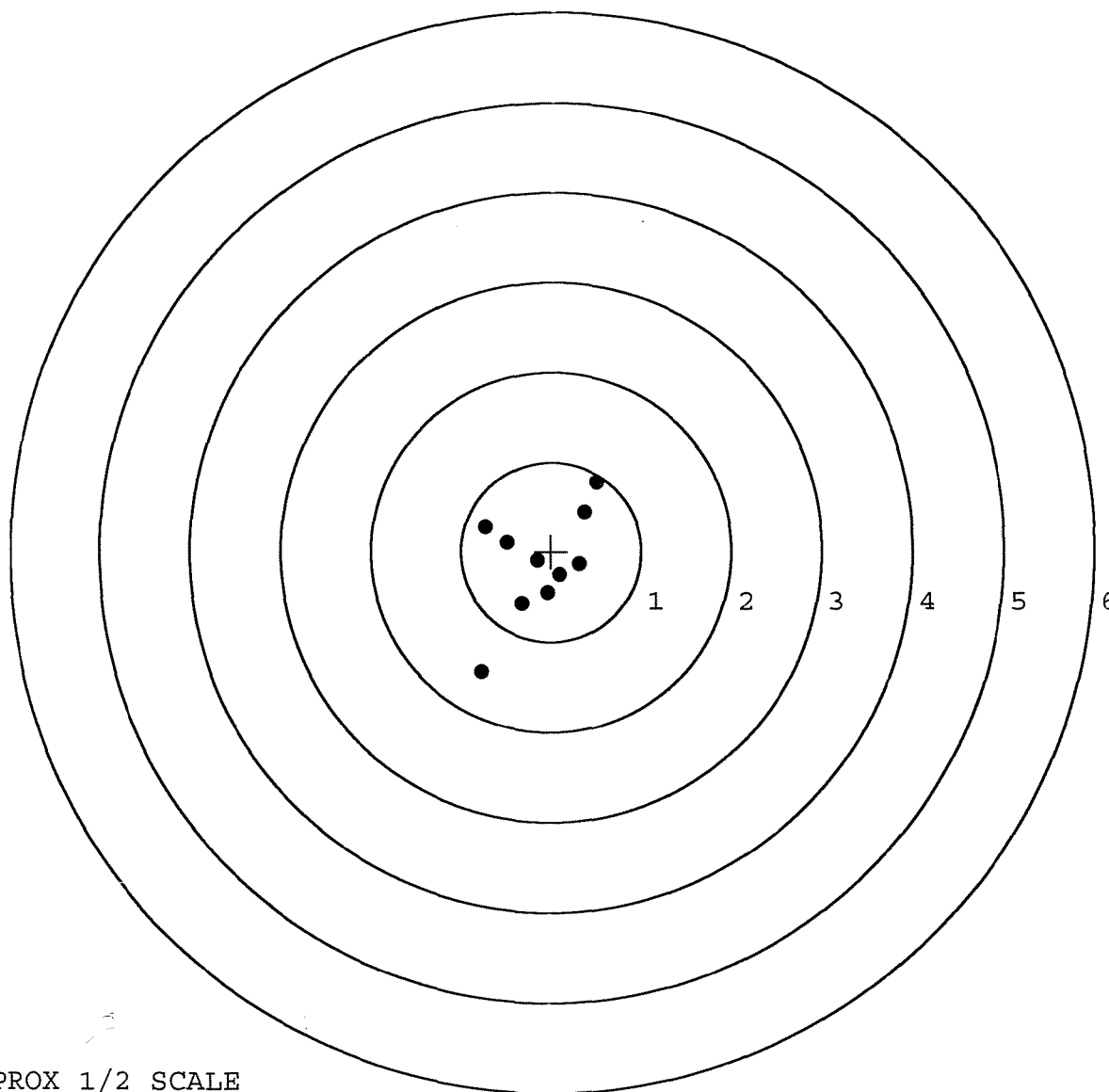


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577116. __0
TARGET NUMBER: 5
FILE DATE: 06/15/2006
FILE TIME: 16:20

POINT#	X	Y
1:	0.506	0.774
2:	0.370	0.435
3:	-0.733	0.272
4:	-0.489	0.099
5:	-0.154	-0.104
6:	0.317	-0.140
7:	0.100	-0.263
8:	-0.043	-0.463
9:	-0.322	-0.581
10:	-0.770	-1.335

X CENTROID: -0.122
Y CENTROID: -0.131
POA TO CENTROID: 0.179
HORZ SPREAD: 1.276
VERT SPREAD: 2.109
GROUP SPREAD: 2.465
MIN RADIUS: 0.042
MAX RADIUS: 1.368
MEAN RADIUS: 0.596
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	104849	G657716 (New)		
SERIAL NUMBER	E6413573			
LOG-IN DATE	12-8-05			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		6-7-06	RTL
505	RE-BARREL		6-7-06	RTL
560	ASSEMBLE		6-7-06	RTL
600	PROOF	MAGNA-FLUX INSPECTED	6-8-06	TRW
605	CHECK HEADSPACE	JUN 09 2006	6-8-06	TRW
610	DIS-ASSEMBLE GUN		6-8-06	RTL
612	MAGNAFLUX	OPERATOR <u>APD</u>	6-9-06	APD
510	DRILL AND TAP		6-8-06	TRW
615	ROLLMARK CALIBER		6-9-06	CW
618	ROTO-BLAST		6-9-06	LB
620	APPLY COATINGS		6/13/06	TRW
625	FINAL ASSEMBLY		6-15-06	RTL
640	FUNCTION TEST AND	<u>PASS</u> FAIL	6-15-06	MJM
650	TARGET	<u>PASS</u> FAIL	6-15-06	MJM
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		6-30-06	RTL
	A) HEADSPACE	<u>PASS</u> FAIL	6-28-06	BLC
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.24 2.67 2.53 2.77 2.37	AC
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	7.0 lb 7.0 lb 7.0 lb	BLC
	G) SAFETY OFF FORCE	2 LBS MIN	3.5 lb 3.5 lb 3.5 lb	BLC
	I) FIRING PIN INDENT	.020	.021 .021 .021	AC
690	PACK		7.506	RA

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: **RE00023304** Serial: **C6225127** Model: **700** Center Fire Caliber: **7.62 NATO M-24 (SWS)** Repairman:
 Verify Repair Status: **Closed 2/20/01 2:28:03 PM**

Address Information

Customer: **Received From** Return To: **Received From**

Name: **COMMANDER HHC 3/505TH PIR** **COMMANDER HHC 3/505TH PIR**

Address 1: **BLDG# C7535** **BLDG# C7535**

Address 2: **PO Box** **PO Box**

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

Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	1
A010	Hard Case	1
A016	Scope Mounts	1
A017	Scope Base	1
A026	Scope	1

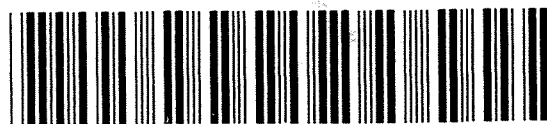
Repair Search **Refresh** **Close**

loglet 2/20/01 2:38 PM CAPS NUM INS SCRL

Start Inbo Nagl Micr Ar... Expl Part FBI Mag 2:38 PM

Serial Number: **C6225127**

Model: **700**



RE00023304

E6413573

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # E6413573
29 Mar 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .137
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0716
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .154582

THE AMR FOR THIS RIFLE IS: 1.014

CENTROIDAL DISTANCES

Ø TO	1	.315674
1 TO	2	.219893
1 TO	3	.861818
1 TO	4	.573976
1 TO	5	.577482

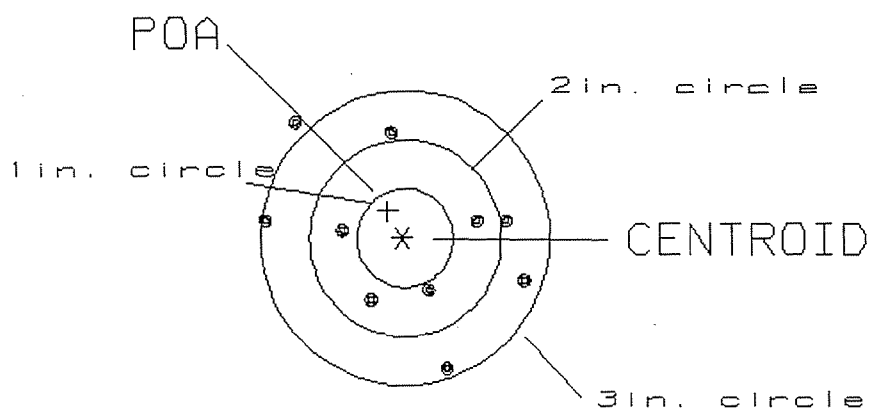
3
4 5
+ <----POA
1
2

PATTERN #: ☐ 1 ☐
 POA TO CENTROID: .315
 MIN RADIUS : .569
 MEAN RADIUS : 1.064
 MAX RADIUS : 1.679
 CENTROID X : .155
 CENTROID Y : -.275

29 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6413573

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.67

0

VS= 2.58

4

GS= 3.06

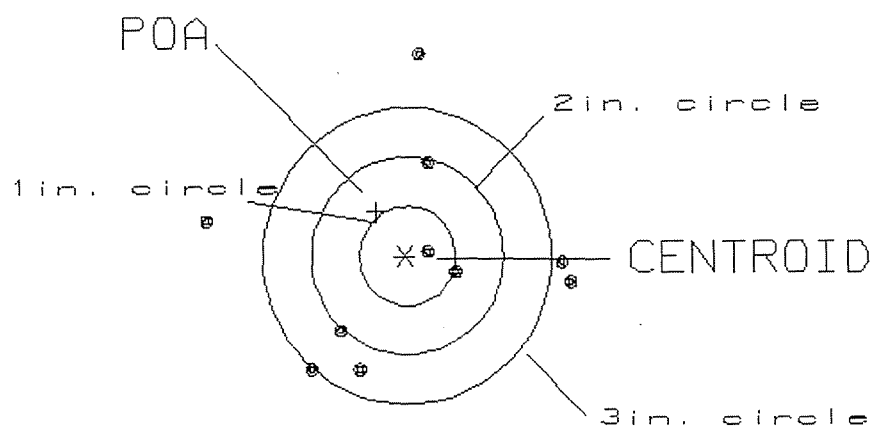
9

PATTERN #: ☐ 2 ☐
 POA TO CENTROID: .534
 MIN RADIUS : .267
 MEAN RADIUS : 1.331
 MAX RADIUS : 2.161
 CENTROID X : .292
 CENTROID Y : -.447

29 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6413573

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.89
 VS= 3.25
 GS= 3.93

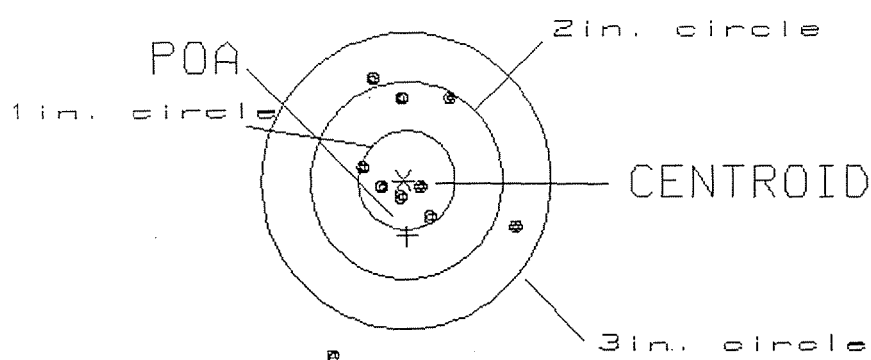
1
 2
 5

PATTERN #: ☐ 3 ☐
 POA TO CENTROID: .565
 MIN RADIUS : .165
 MEAN RADIUS : .756
 MAX RADIUS : 1.944
 CENTROID X : -.042
 CENTROID Y : .564

29 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6413573

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 1.90

5

VS= 2.83

7

GS= 2.90

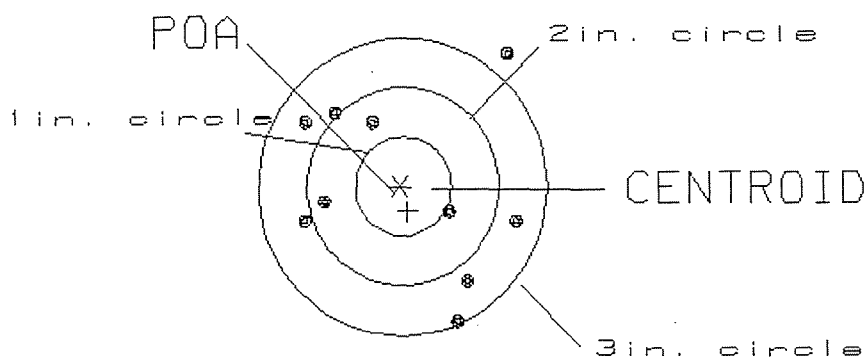
9

PATTERN #: ☐ 4 ☐
 POA TO CENTROID: .261
 MIN RADIUS : .554
 MEAN RADIUS : 1.106
 MAX RADIUS : 1.717
 CENTROID X : -.077
 CENTROID Y : .250

29 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6413573

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.19

0

VS= 2.69

3

GS= 2.73

9

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 5 ☐

POA TO CENTROID: .445

MIN RADIUS : .265

MEAN RADIUS : .811

MAX RADIUS : 1.594

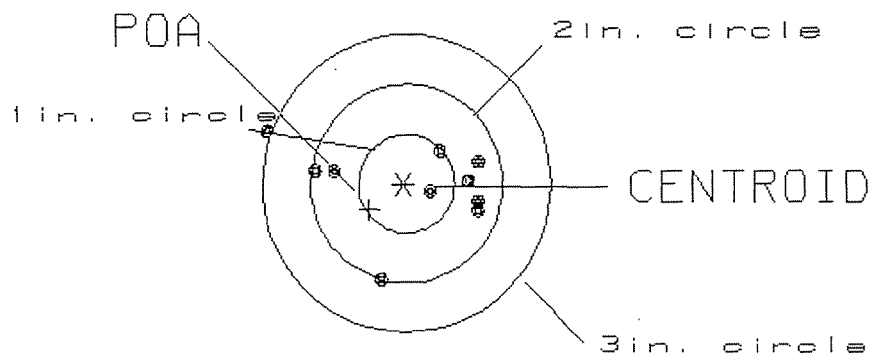
CENTROID X : .357

CENTROID Y : .266

29 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6413573

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.23

2

VS= 1.54

6

GS= 2.38

9

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # e6413~~573~~
28 Mar 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: $-.0638$
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: $-.2554$
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: $.263248$

THE AMR FOR THIS RIFLE IS: 1.648

CENTROIDAL DISTANCES

0	TO	1	.300222
1	TO	2	.630248
1	TO	3	.368793
1	TO	4	.215416
1	TO	5	.556004

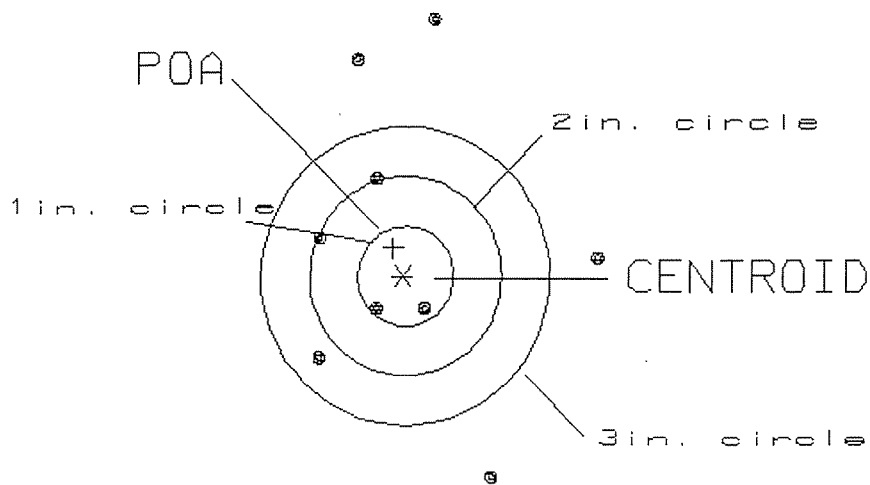
2
+4 <----POA
1
5 3

PATTERN #: ☐ 1 ☐
 POA TO CENTROID: .300
 MIN RADIUS : .363
 MEAN RADIUS : 1.611
 MAX RADIUS : 2.920
 CENTROID X : .103
 CENTROID Y : -.282

28 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413673

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.96

2

VS= 5.43

2

GS= 5.48

5

PATTERN #: ☐ 2 ☐

POA TO CENTROID: .330

MIN RADIUS : .142

MEAN RADIUS : .939

MAX RADIUS : 1.812

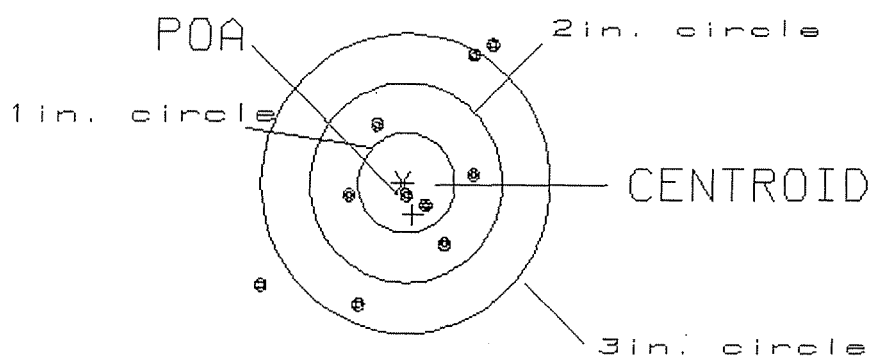
CENTROID X : -.099

CENTROID Y : .315

28 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413673

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.41

2

VS= 2.58

6

GS= 3.43

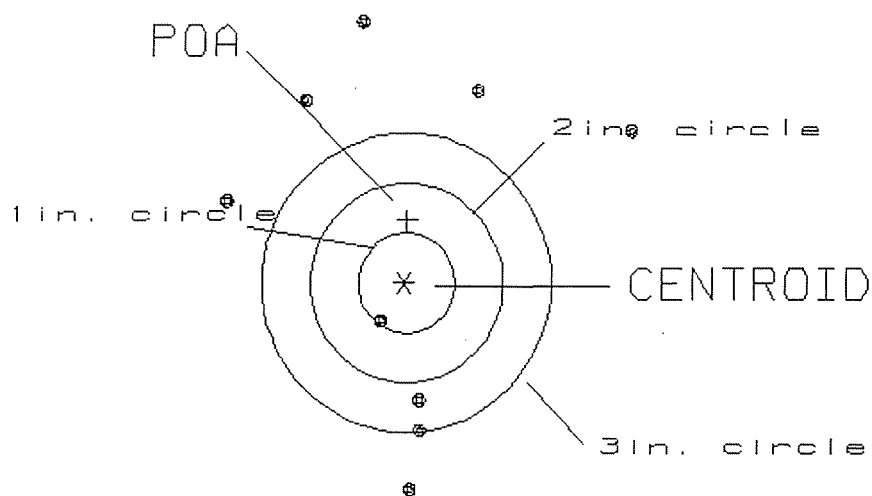
8

PATTERN #: ☐ 3 ☐
 POA TO CENTROID: .625
 MIN RADIUS : .420
 MEAN RADIUS : 2.049
 MAX RADIUS : 3.708
 CENTROID X : -.035
 CENTROID Y : -.624

28 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413673

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 4.22

1

VS= 6.34

1

GS= 6.38

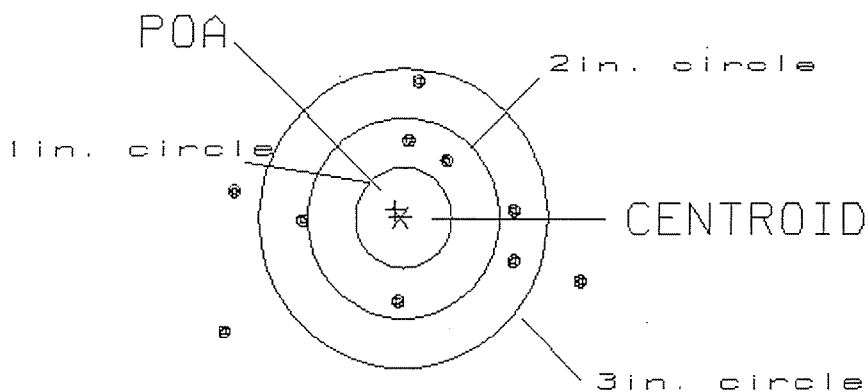
3

PATTERN #: ☐ 4 ☐
 POA TO CENTROID: .090
 MIN RADIUS : .681
 MEAN RADIUS : 1.290
 MAX RADIUS : 2.129
 CENTROID X : .055
 CENTROID Y : -.072

28 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413573

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.62

0

VS= 2.52

3

GS= 3.67

7

REMINGTON CENTERFIRE ACCURACY TEST

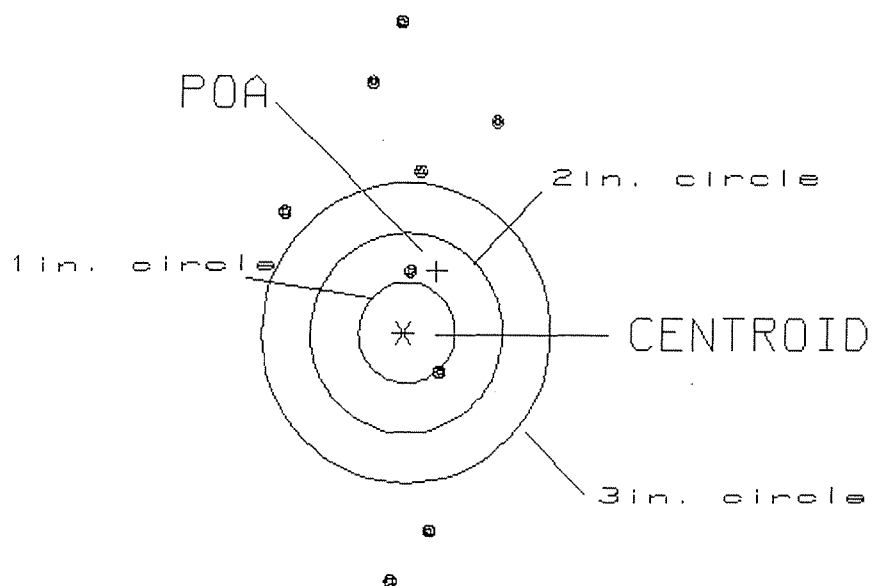
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 5
 POA TO CENTROID: .703
 MIN RADIUS : .462
 MEAN RADIUS : 2.350
 MAX RADIUS : 6.456
 CENTROID X : -.343
 CENTROID Y : -.614

28 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/a6413673

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.20
 VS= 9.57
 GS= 9.58

1
 2
 2

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

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

MODEL 700
H24

SERIAL NO. C-6225127
ORDER NO. 5716

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

5716 C6225127

Check Headspace
Disassemble
Position
Position

5716 C6225127

CONTRACT # DAAA21-87-C-0086

C6725127

GUN SERIAL # [REDACTED]

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	6 27 9 1		RW
600	Proof	6 27 9 1		RW
607	Check Headspace	6 27 0 1		RW
610	Dis-assemble Gun	6 27 9 1		RW
612	Magnaflux Barrel Action	JUL 1 1991		KCK
	Magnaflux Bolt	JUL 1 1991		KCK
615	Rollmark Caliber	JUL 1 1991		GB
617	Drill and Tap Sight Holes	JUL 2 1991		LB
618	Polish Barrel	JUL 2 1991		WB
620	Apply Coatings (Barrel Action)		7-23-91	DA
	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		7-24-91	JK

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			7-24-91	DH
	G) Safety Off Force	3	2 1/2	2 1/4			7-24-91	DH
	H) Trigger Pull Test & Retainability						7-24-91	JH
	I) Firing Pin Indent	.0215	.022	.022			7-24-91	DH
	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						7-25-91	AC
	A) Time						7-25-91	AC
	B) Malfunctions						7-25-91	AC
	C) Pierced Primers						7-25-91	AC
	D) Optical Clarity of Scope						7-25-91	AC
645	Inspect for Live Ammo						7-25-91	AC
655	Final Inspection							
	A) Headspace							
	B) Trigger Pull	2.31	2.30	2.41	2.38	2.39	7-26-91	JH
	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-6225127

DATE 7-24-91

TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.42	2.31	2.43	2.31	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.39	2.60	2.40	2.30	
PULL #3	2.60	2.53	2.45	2.41	
PULL #4	2.39	2.52	2.40	2.38	
PULL #5	2.27	2.46	2.46	2.39	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.42	3.56		
PULL #2	3.55	3.44		
PULL #3	3.55	3.55		
PULL #4	3.77	3.51		
PULL #5	3.55	3.37		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.30	4.20		4.23
PULL #2	4.23	4.20		4.24
PULL #3	4.39	4.21		4.16
PULL #4	4.22	4.19		4.28
PULL #5	4.36	4.24		4.25
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225127
26 Jul 1991

CENTROIDAL DISTANCES

0 TO	1	.271472
1 TO	2	.178272
1 TO	3	.354731
1 TO	4	.23164
1 TO	5	.261645

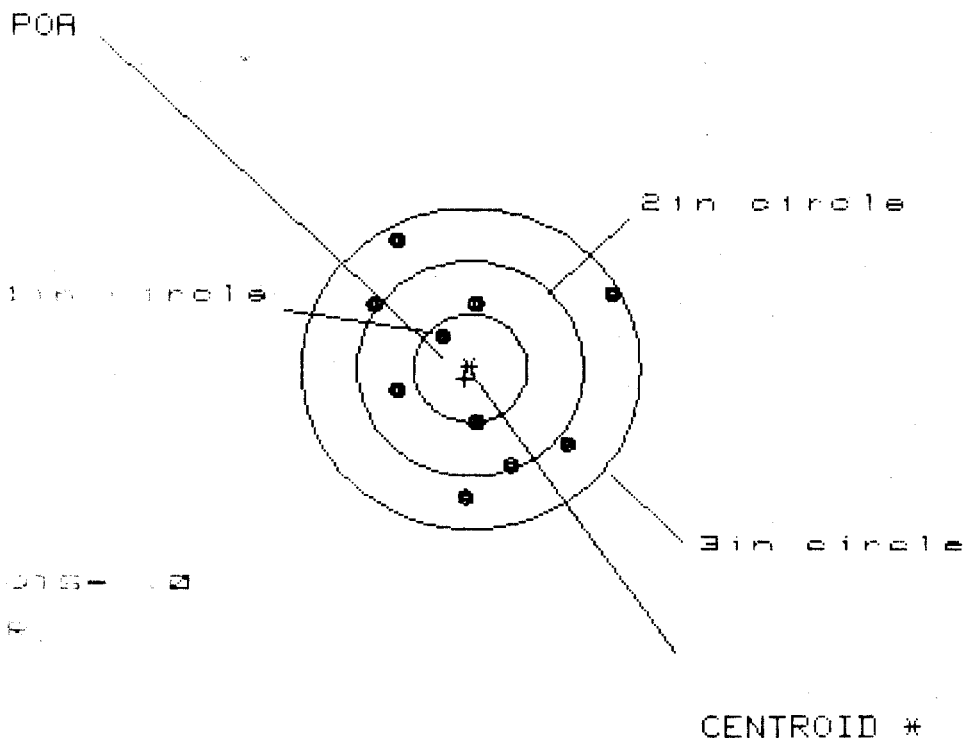
←----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0154
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .072
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0736285
THE AMR FOR THIS RIFLE IS: .9184

26 JUL 1991

FILE://PATTERNING/CENTERFIRE_PATT/C6225127

CENTERFIRE PATTERNS # 2



* OF 64215- 12

10 CIR

1 - 2

2 - 5

3 - 10

RS- 2.299

RS= 2.422

RS= 2.486

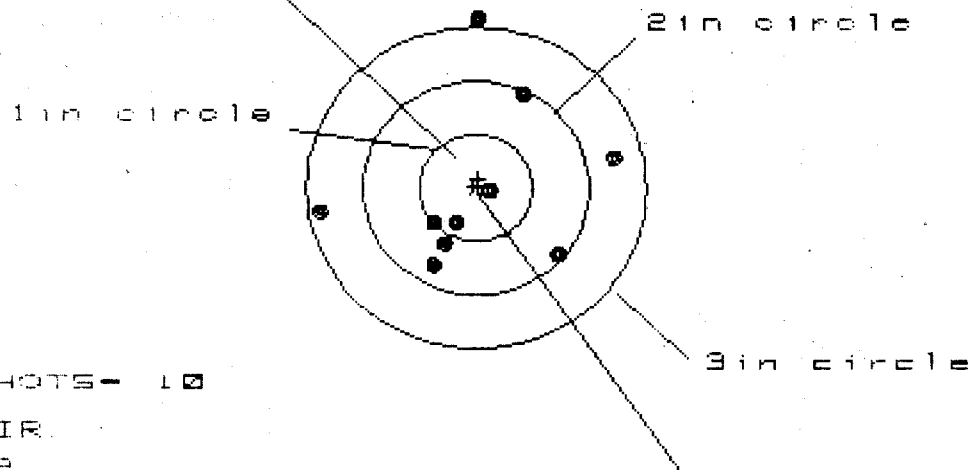
PATTERN #	10	9	8
MINIMUM X	1.201	.972	.912
MINIMUM Y	-.892	-.758	-.818
MAXIMUM X	1.196	1.276	.885
MAXIMUM Y	-1.226	-1.146	-.987
CENTROID X	.050	-.084	-.024
CENTROID Y	.096	.016	-.143
POR TO CENTROID in.	.108	.085	.145
MIN RADIUS	.398	.382	.277
MEAN RADIUS	.929	.860	.782
MAX. RADIUS	1.401	1.361	1.205
HORIZONTAL SPREAD	2.093	1.730	1.730
VERTICAL SPREAD	2.422	2.422	1.872
EXTREME SPREAD	2.486	2.486	2.202
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		10	

26 Jul 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6225127

CENTERFIRE PATTERNS # 3

POA



OF SHOTS- 10

IN CIR.

1in - 2

2in - 6

3in - 9

HS- 2.600

VS- 2.292

GS- 2.639

CENTROID #

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.255	1.252	1.084
MINIMUM X	:	-1.345	-1.348	-.582
MAXIMUM Y	:	1.532	1.097	1.093
MINIMUM Y	:	-.760	-.589	-.593
CENTROID X	:	-.019	-.016	.152
CENTROID Y	:	-.082	-.253	-.249
POA TO CENTROID in.	:	.085	.253	.292
MIN RADIUS	:	.154	.219	.175
MEAN RADIUS	:	.856	.741	.682
MAX RADIUS	:	1.533	1.348	1.163
HORIZONTAL SPREAD	:	2.600	2.600	1.666
VERTICAL SPREAD	:	2.292	1.686	1.686
EXTREME SPREAD	:	2.639	2.639	1.893
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	9		

26 Jul 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6225127

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS- 10

IN CIR.

1in = 2

2in = 6

3in = 9

HS= 2.600

VS= 2.292

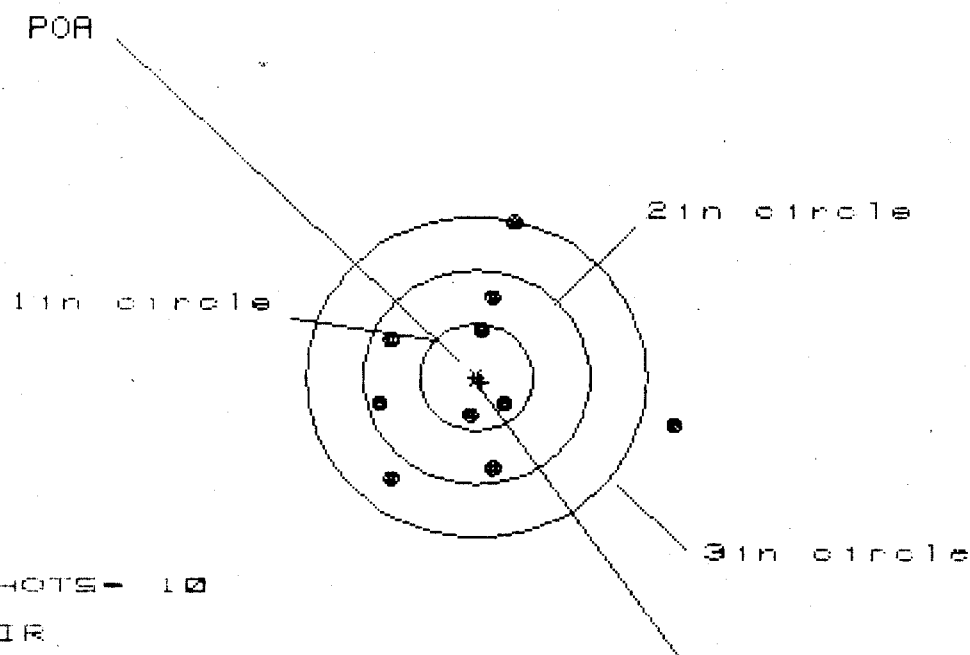
GS= 2.639

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.255	1.252	1.084
MINIMUM X	:	-1.345	-1.348	-.582
MAXIMUM Y	:	1.532	1.097	1.093
MINIMUM Y	:	-.760	-.589	-.593
CENTROID X	:	-.019	-.016	.152
CENTROID Y	:	-.082	-.253	-.249
POA TO CENTROID in.	:	.085	.253	.292
MIN RADIUS	:	.154	.219	.175
MEAN RADIUS	:	.856	.741	.682
MAX RADIUS	:	1.533	1.348	1.163
HORIZONTAL SPREAD	:	2.600	2.600	1.666
VERTICAL SPREAD	:	2.292	1.686	1.686
EXTREME SPREAD	:	2.639	2.639	1.893
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	9		

26 Jul 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6225127

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 8

HS= 2.630

VS= 2.694

CS= 2.640

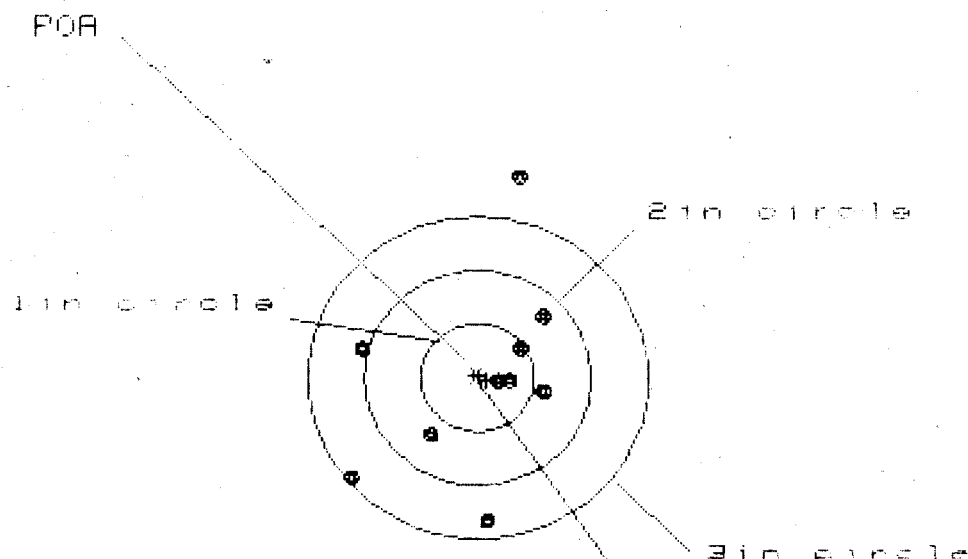
CENTROID *

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.726	.534	.512
MINIMUM X	:	-.904	-.713	-.646
MAXIMUM Y	:	1.497	1.452	.889
MINIMUM Y	:	-.897	-.942	-.760
CENTROID X	:	-.043	-.234	-.301
CENTROID Y	:	.047	.092	-.090
POA TO CENTROID in.	:	.064	.252	.314
MIN RADIUS	:	.379	.450	.329
MEAN RADIUS	:	.919	.812	.701
MAX RADIUS	:	1.772	1.547	.957
HORIZONTAL SPREAD	:	2.630	1.247	1.158
VERTICAL SPREAD	:	2.394	2.394	1.649
EXTREME SPREAD	:	2.640	2.640	1.864
NUMBER IN ONE INCH CIRCLE =	:	3		
NUMBER IN TWO INCH CIRCLE =	:	7		
NUMBER IN THREE INCH CIRCLE =	:	8		

26 JUL 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06225127

CENTERFIRE PATTERNS # 5



* OF SHOTS - 10

IN CIR

1in = 3

2in = 6

3in = 9

MS = 1.758

VS = 3.255

SS = 3.263

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.624	.662	.525
MINIMUM X	:	-1.134	-1.096	-1.068
MAXIMUM Y	:	1.891	.741	.650
MINIMUM Y	:	-1.364	-1.154	-1.245
CENTROID X	:	-.081	-.119	.018
CENTROID Y	:	.028	-.182	-.091
POA TO CENTROID IN.	:	.085	.217	.093
MIN RADIUS	:	.171	.310	.156
MEAN RADIUS	:	.876	.768	.646
MAX RADIUS	:	1.922	1.317	1.245
HORIZONTAL SPREAD	:	1.758	1.758	1.593
VERTICAL SPREAD	:	3.255	1.995	1.895
EXTREME SPREAD	:	3.263	2.292	1.974
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

MAINTENANCE REQUEST

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

PAGE NO.

NO. OF PAGES

REQUIREMENT CONTROL SYMBOL
CSGLD-1047(R1)

SECTION I - EQUIPMENT DATA

CONTROL NUMBER

WORK ORDER NUMBER

WESDC

ORG PD

PD AUTHENTICATION

☒ WORK REQUEST

☐ MWO

☐ WARRANTY CLAIM

1a. ORGANIZATION

b. LOCATION

c. UNIT IDENT CODE

3. NOUN NOMENCLATURE

4. LINE NO.

5. MODEL

6. NATIONAL STOCK NUMBER

a. LEVEL

8. UTILIZATION CODE

9. MCSR ITEM

a. ERC

b. PACING ITEM

10. HOURS

11. MILES

12. ROUNDS

13. STARTS

14. FAILURE DETECTED DURING (Select one - use $\checkmark$ or X)

☐ A Scheduled Maintenance

☐ C Test

☐ E Storage

☐ G Flight

☐ B Handling

☒ D Normal Op

☐ F Inspection

☐ H Other

15. FIRST INDICATION OF TROUBLE (Select one - use $\checkmark$ or X)

☒ 068 Inoperative

☐ 258 Overheating

☐ 790 Out of Adjustment

☐ 008 Noisy

☐ 387 Low Performance

☐ Other

16. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs)

1) Bolt catch spring weak 2) Floor plate catch spring weak
3) stock cracked 4) finish scratched

16a. REMARKS

Scope Ser # 980475

SECTION II - WORK ACCOMPLISHED

17a. REPAIR ORGANIZATION/ACTIVITY

c. UNIT IDENT CODE

18. TYPE ORGANIZATION/ACTIVITY AC-COMPLISHING WORK (Select one - use $\checkmark$ or X)

19. AMS ACCOUNT CODE

b. LOCATION

☐ 1 TOE

☐ 2 TD

☐ 3 CONTRACTOR

20a. ACT CODE

FAILURE CODE b

c. COMPONENT/PART NOUN, SVC, OR MWO NO.

MANHOURS (hrs & tenths) g

NATIONAL STOCK NUMBER h

PART SOURCE CODE i

QTY j

PARTS COST k

d. CB CODE

e. REF DESIGNATOR

f. MFR CODE

l. TOTAL MANHOURS

m. TOTAL MANHOURS COST

n. 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

26. INSPECTED BY

27. ACCEPTED BY

28. DISPOSITION (Select one)

☐ A To User

☐ C Salvaged

☐ B To Stock

☐ D Evacuated

JULIAN DATE

JULIAN DATE

JULIAN DATE

JULIAN DATE

JULIAN DATE

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

KINZER V. REMINGTON

M2400085553

RECEIVING AND ESTIMATING REPORT

COMMENTS

W/10X LEUPOLD SCOPE
M-24 SNIPER

INITIAL CUSTOMER ORDER NO.

JJM

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

MODEL AND GRADE

ORDER

06/19/91

06/21/91

C6225127

9999

7.62

NATO

R

91-12949

ACCESSORIES

W/STUDS

W/SWIVELS

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 NEW BARREL
- ② REPOWDER COAT TRIGGER GUARDS
- ③ NEW STOCK
- ④ NEW TRIGGER ASSY
- ⑤ NEW FIRING PIN ASSY PM 96007

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

M2400085554

SCOPE 0476

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6225/27

INTERCHANGEABILITY

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		RW
612	Magnaflux Barrel Action		9-14-88	PJL
	Magnaflux Bolt		9-14-88	PJL
615	Rollmark Caliber		9/22/88	GS
617	Drill & Tap Sight Holes		9/26/88	FB
618	Polish Barrel		9/26/88	BT
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		1/11/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/11/89	RW
	C) Inspect Ejector Hole for Chamfer		1/11/89	RW

OVER

OP.#		READINGS	DATE	INITIAL
625	D) Oil Firing Pin Ass'y		1/11/89	RW
cont.	E) Adjust Trigger Pull to Min. Setting and Stake		10 Jan 89	JS
	F) Safety on Force	5 5 5	11 Jan 89	JS
	G) Safety off Force	3 3 3	11 Jan 89	JS
	H) Trigger Pull Test & Retainability		10 Jan 89	JS
	I) Firing Pin Indent	.021 .0215 .022	11 Jan 89	JS
	J) Assemble Stock		1/11/89	RW
	K) Attach Front & Rear Sight Assemblies		1/11/89	RW
	L) Iron Sight Alignment		1/11/89	RW
	M) Detach Front & Rear Sights & place in numbered container		1/11/89	RW
	N) Attach Scope to Rifle			
	O) Detach & Attach Scope 20 times		1/16/89	JL
640	Gallery Target & Test	SS R 97L	1/19/89	AC
	A) Optical Clarity of Scope	OK	1/19/89	AC
645	Inspect for Live Ammo	NONE	1/19/89	AC
655	Final Inspection			
	A) Headspace		27 Jan 89	JS
	B) Trigger Pull	2.75 2.81 2.82	27 Jan 89	JS
	C) Function		27 Jan 89	JS
	D) Assemble Swivel Studs		29 Jan 89	JS
660	Pack		22 Mar 89	JS

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. 5727
~~C634972~~

DATE 16 Oct 89

TESTER gss

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.16	2.07	2.23	2.62	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.14	2.06	2.19	2.70	
PULL #3	2.22	2.03	2.29	2.44	
PULL #4	2.29	2.17	2.18	2.56	
PULL #5	2.18	2.15	2.21	2.47	
TOTAL	10.99	10.48	11.00	12.79	
AVG.	2.198	2.096	2.20	2.558	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.36	3.34		
PULL #2	3.28	3.07		
PULL #3	3.40	3.22		
PULL #4	3.31	3.35		
PULL #5	3.39	3.36		
TOTAL	16.74	16.34		
AVG.	3.348	3.268		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.24	4.30		4.08
PULL #2	4.10	4.16		4.13
PULL #3	4.18	4.13		4.06
PULL #4	4.19	4.09		3.87
PULL #5	4.13	4.19		3.93
TOTAL	20.84	20.87		20.02
AVG.	4.168	4.174		4.004

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225127

CENTROIDAL DISTANCES

0 TO	1	.391063
1 TO	2	.176366
1 TO	3	.194139
1 TO	4	.138654
1 TO	5	.045607

←----POA

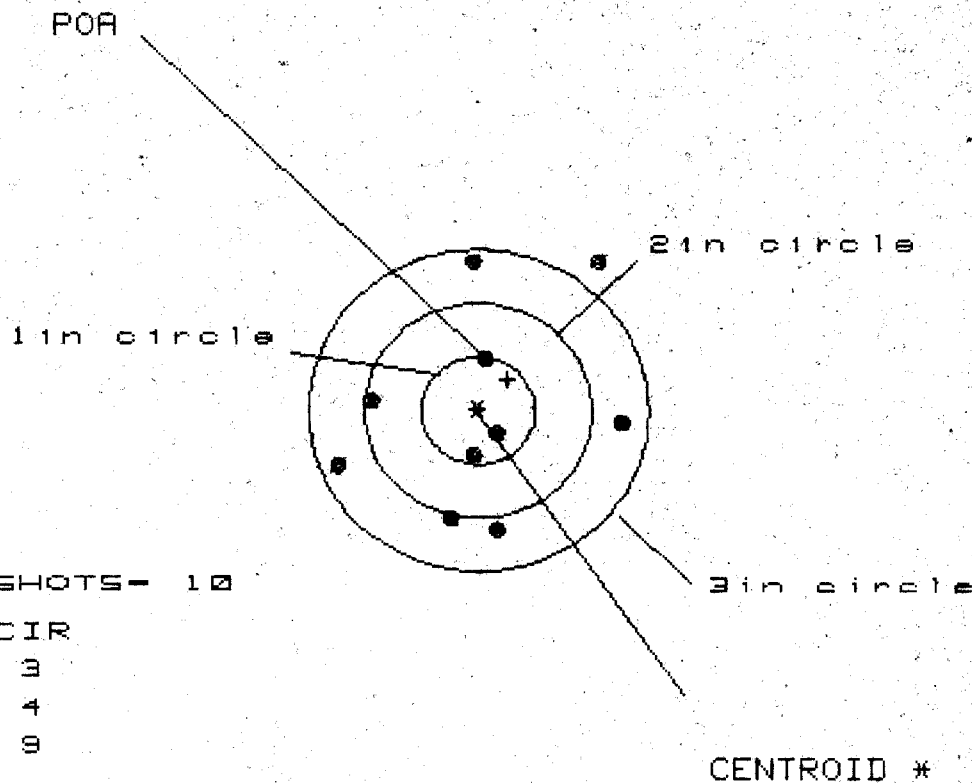
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1904
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.3028
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .357687

THE AMR FOR THIS RIFLE IS: .858

20 Jan 1989

FILE: PATTERNING/CENTERFIRE_PATT/C6225127

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 3

2in = 4

3in = 9

HS= 2.532

VS= 2.516

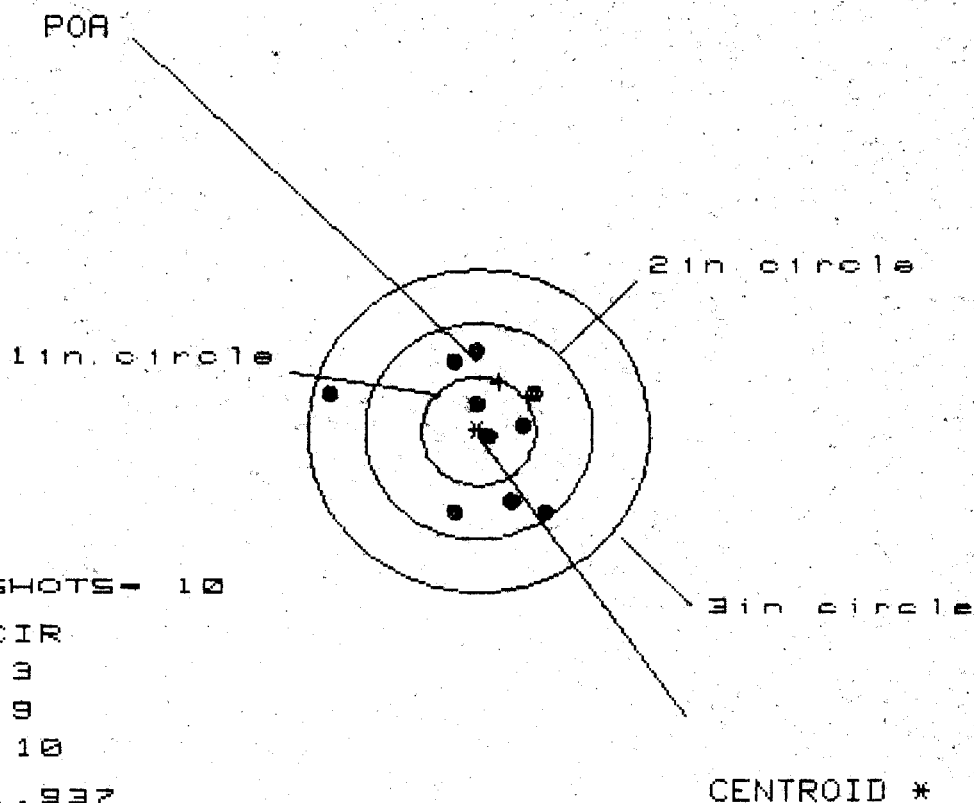
GS= 2.989

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.259	1.373	1.385
MINIMUM X	:	-1.273	-1.159	-1.147
MAXIMUM Y	:	1.425	1.538	.837
MINIMUM Y	:	-1.091	-.932	-.740
CENTROID X	:	-.259	-.373	-.386
CENTROID Y	:	-.293	-.452	-.644
POA TO CENTROID in.	:	.391	.586	.750
MIN RADIUS	:	.280	.250	.107
MEAN RADIUS	:	1.015	.900	.780
MAX RADIUS	:	1.758	1.541	1.411
HORIZONTAL SPREAD	:	2.532	2.532	2.532
VERTICAL SPREAD	:	2.516	2.470	1.577
EXTREME SPREAD	:	2.989	2.563	2.563
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			4	
NUMBER IN THREE INCH CIRCLE =			9	

20 Jan 1989

FILE:/PATTERNING/CENTERFIRE_PATT/CG225127

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 9

3 in = 10

HS= 1.937

VS= 1.469

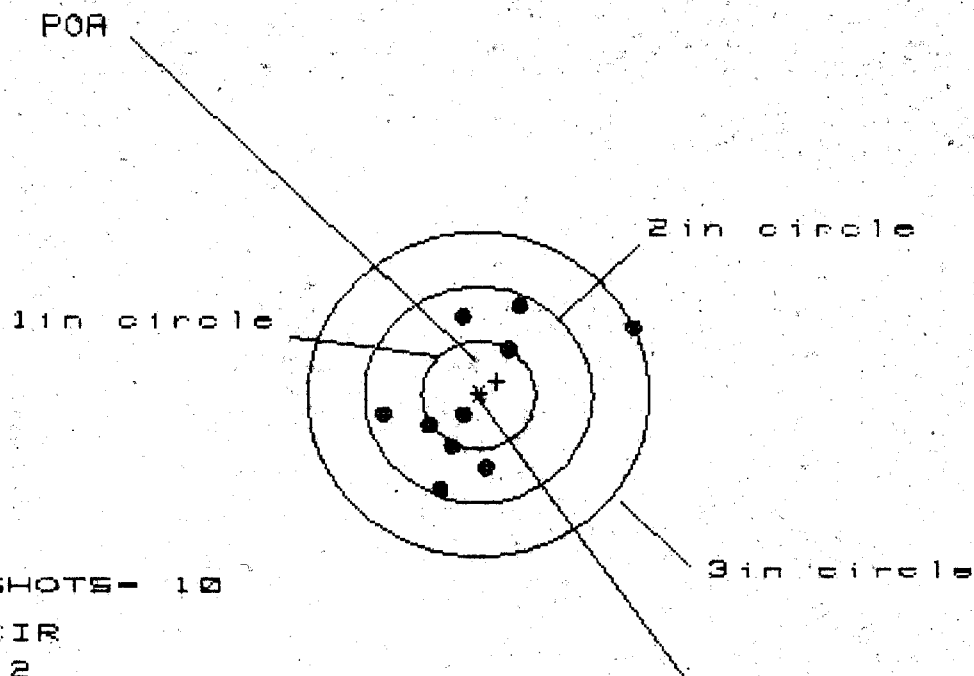
GS= 2.217

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.621	.475	.407
MINIMUM X	:	-1.316	-.407	-.348
MAXIMUM Y	:	.708	.743	.653
MINIMUM Y	:	-.761	-.726	-.812
CENTROID X	:	-.187	-.041	-.100
CENTROID Y	:	-.454	-.489	-.399
POA TO CENTROID in.	:	.491	.491	.411
MIN RADIUS	:	.122	.079	.142
MEAN RADIUS	:	.655	.556	.508
MAX RADIUS	:	1.354	.867	.863
HORIZONTAL SPREAD	:	1.937	.882	.755
VERTICAL SPREAD	:	1.469	1.469	1.465
EXTREME SPREAD	:	2.217	1.650	1.477
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

28 Jan 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225127

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 9

3in = 10

HS= 2.130

VS= 1.670

GS= 2.264

CENTROID *

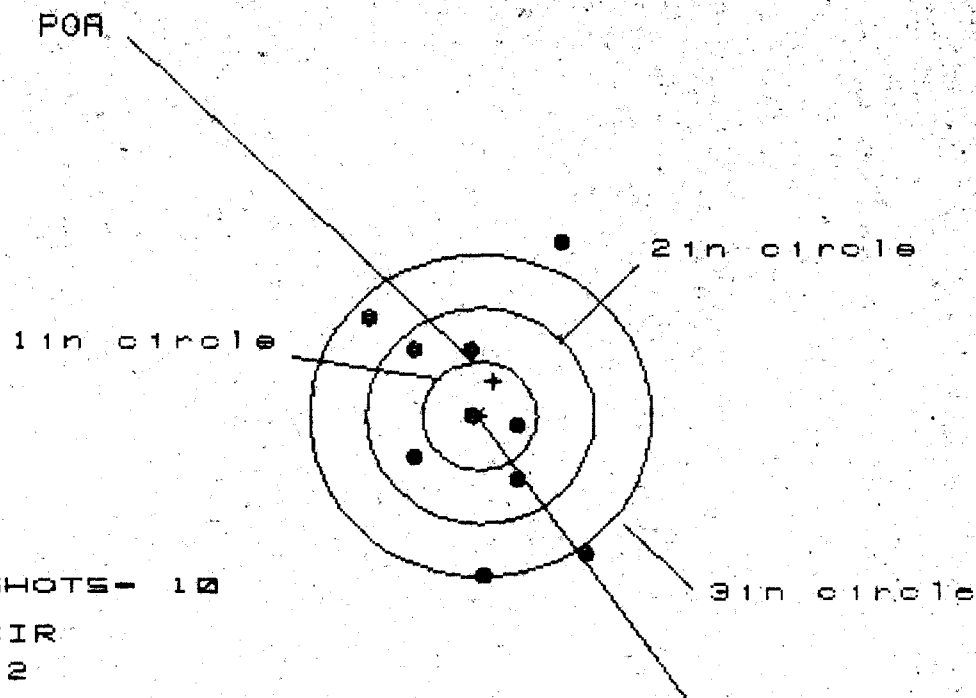
PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.333	.514	.423
MINIMUM X	:	-.796	-.648	-.584
MAXIMUM Y	:	.839	.907	.939
MINIMUM Y	:	-.831	-.763	-.650
CENTROID X	:	-.160	-.309	-.373
CENTROID Y	:	-.126	-.194	-.307
POA TO CENTROID in.	:	.204	.364	.483
MIN RADIUS	:	.237	.156	.118
MEAN RADIUS	:	.728	.611	.520
MAX RADIUS	:	1.464	1.042	.942
HORIZONTAL SPREAD	:	2.130	1.162	1.007
VERTICAL SPREAD	:	1.670	1.670	1.589
EXTREME SPREAD	:	2.264	1.807	1.600
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

20 Jan 1989

FILE: PATTERNING/CENTERFIRE_PATT/CG225127

CENTERFIRE PATTERNS

4



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

HS = 1.904

VS = 3.124

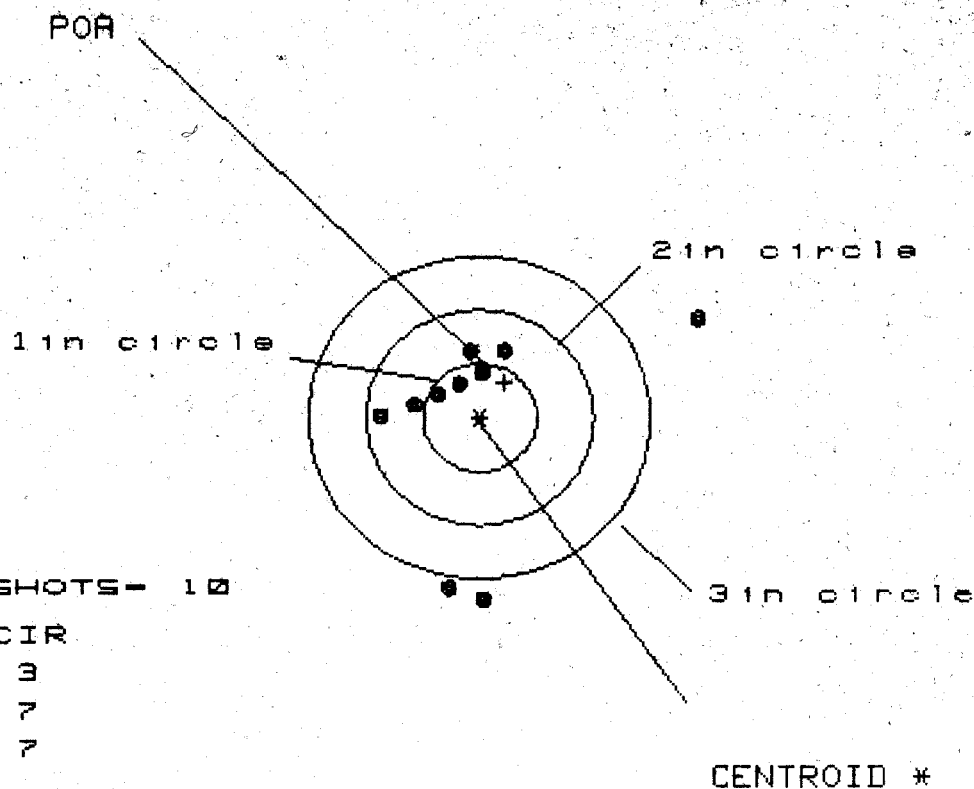
GS = 3.194

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.918	.998	.561
MINIMUM X	-.986	-.906	-.782
MAXIMUM Y	1.625	1.135	.996
MINIMUM Y	-1.499	-1.318	-1.457
CENTROID X	-.123	-.203	-.327
CENTROID Y	-.320	-.501	-.362
POA TO CENTROID in.	.343	.540	.488
MIN RADIUS	.114	.156	.094
MEAN RADIUS	.947	.854	.755
MAX RADIUS	1.775	1.493	1.479
HORIZONTAL SPREAD	1.904	1.904	1.343
VERTICAL SPREAD	3.124	2.453	2.453
EXTREME SPREAD	3.194	2.944	2.662
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

20 Jan 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225127

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 7

HS= 2.807

VS= 2.595

GS= 3.354

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.954	.476	.500
MINIMUM X	-.853	-.636	-.612
MAXIMUM Y	.907	.761	.563
MINIMUM Y	-1.688	-1.588	-1.724
CENTROID X	-.223	-.441	-.465
CENTROID Y	-.321	-.421	-.223
POA TO CENTROID in.	.391	.610	.515
MIN RADIUS	.370	.358	.167
MEAN RADIUS	.945	.800	.602
MAX RADIUS	2.154	1.599	1.724
HORIZONTAL SPREAD	2.807	1.112	1.112
VERTICAL SPREAD	2.595	2.349	2.287
EXTREME SPREAD	3.354	2.350	2.292
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	7		

INTERCHANGEABILITY

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225127
20 Mar 1989

CENTROIDAL DISTANCES

0 TO	1	.783006
1 TO	2	.5876
1 TO	3	.420415
1 TO	4	.649038
1 TO	5	.618968

1 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3654
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1642
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .400598

THE AMR FOR THIS RIFLE IS: .8298

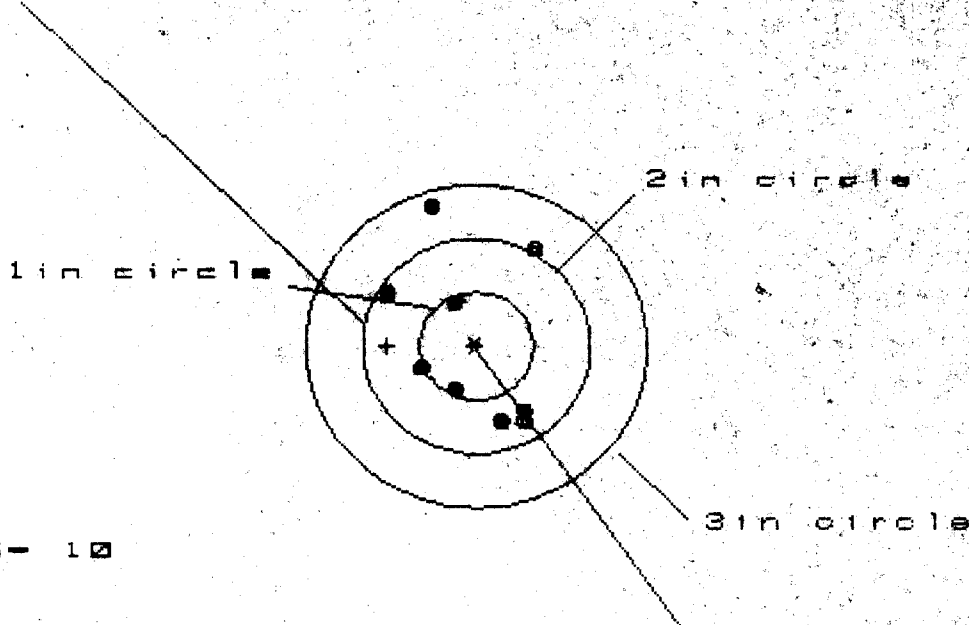
20 Mar 1989

FILE: PATTERNING/CENTERFIRE_PATT/C0225127

CENTERFIRE PATTERNS

1

POA



OF SHOTS- 10

IN CIR

1in - 2

2in - 8

3in = 10

HS- 1.359

VS= 1.999

GS= 2.124

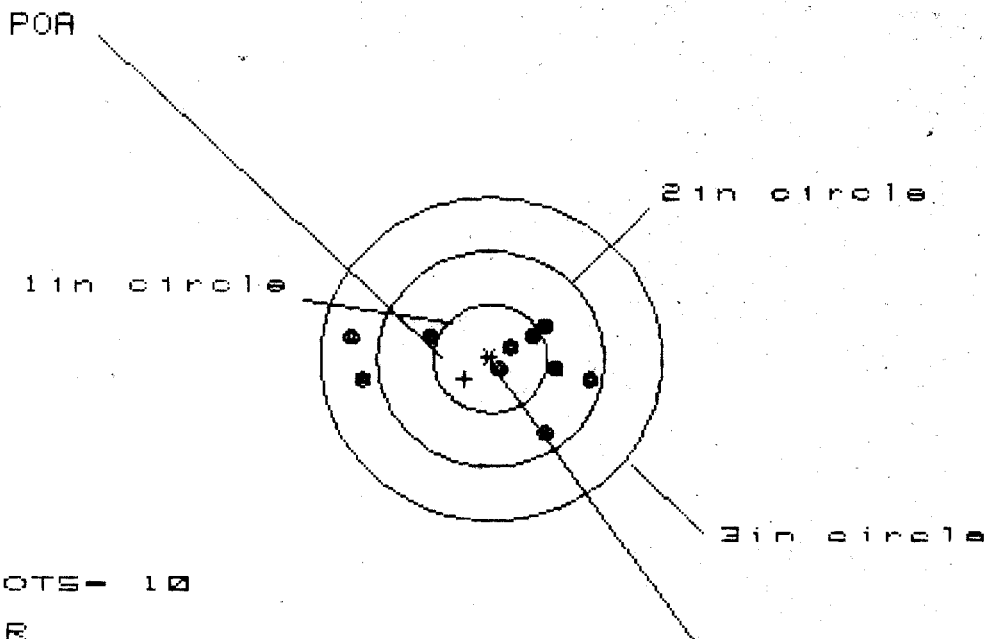
CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.562	.522	.472
MINIMUM X	:	-.797	-.837	-.772
MAXIMUM Y	:	1.304	1.079	.777
MINIMUM Y	:	-.695	-.550	-.415
CENTROID X	:	.783	.823	.758
CENTROID Y	:	-.003	-.148	-.283
POA TO CENTROID in.	:	.783	.837	.809
MIN RADIUS	:	.417	.339	.208
MEAN RADIUS	:	.771	.675	.575
MAX RADIUS	:	1.354	1.198	1.095
HORIZONTAL SPREAD	:	1.359	1.359	1.244
VERTICAL SPREAD	:	1.999	1.629	1.192
EXTREME SPREAD	:	2.124	1.671	1.671
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

20 Mar 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225127

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 3

2in = 8

3in = 10

HS= 2.047

VS= 1.013

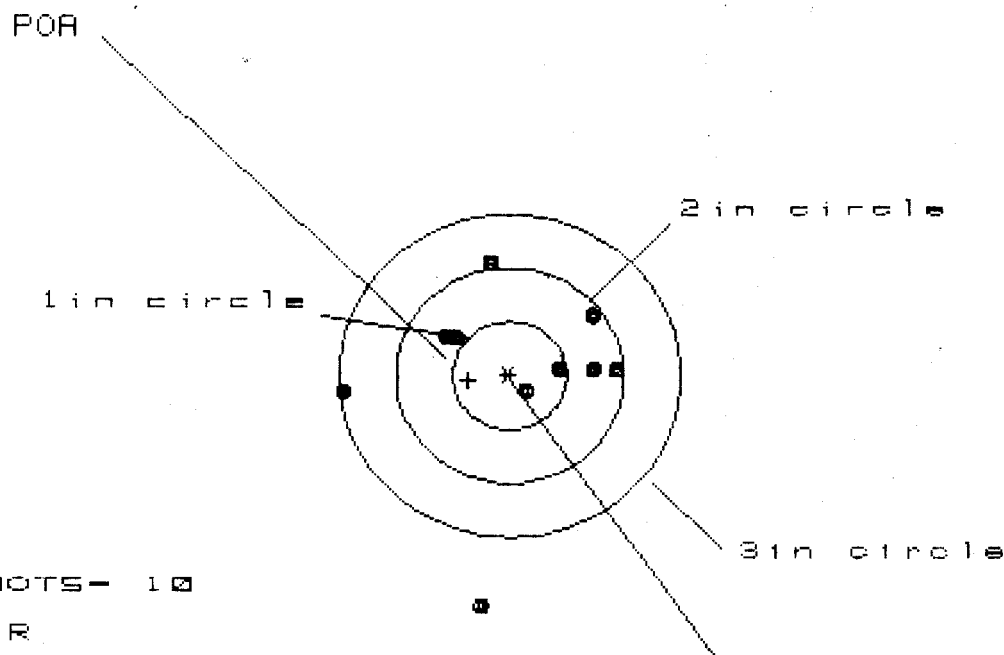
GS= 2.089

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.847	.714	.555
MINIMUM X	:	-1.200	-1.269	-.866
MAXIMUM Y	:	.339	.367	.343
MINIMUM Y	:	-.674	-.646	-.670
CENTROID X	:	.228	.361	.519
CENTROID Y	:	.190	.162	.186
POA TO CENTROID in.	:	.296	.396	.552
MIN RADIUS	:	.064	.110	.166
MEAN RADIUS	:	.656	.562	.444
MAX RADIUS	:	1.224	1.283	.897
HORIZONTAL SPREAD	:	2.047	1.983	1.422
VERTICAL SPREAD	:	1.013	1.013	1.013
EXTREME SPREAD	:	2.089	1.983	1.477
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

20 Mar 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225127

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 9

HS= 2.315

VS= 3.154

GS= 3.157

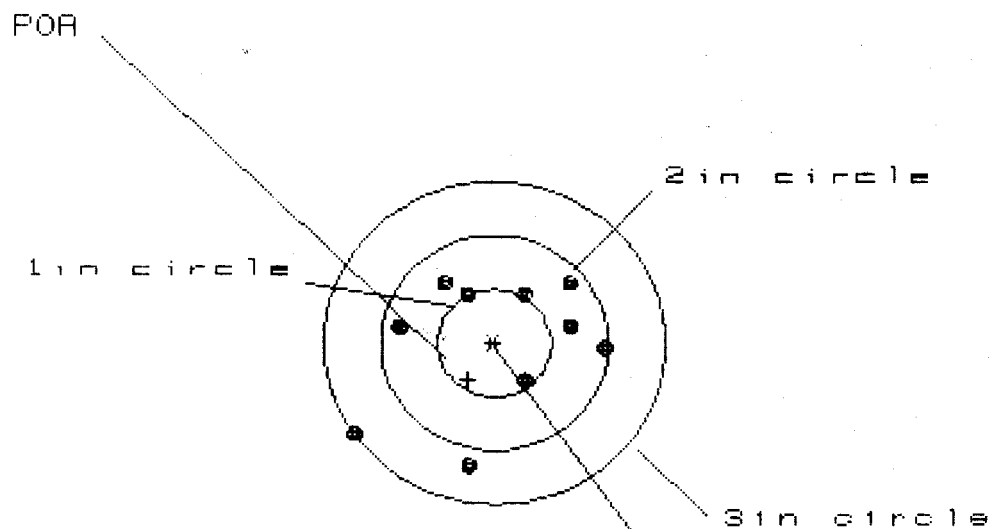
PATTERN #	:	3	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.891	.858	.676
MINIMUM X	:	-1.424	-1.457	-.785
MAXIMUM Y	:	1.024	.787	.740
MINIMUM Y	:	-2.130	-.375	-.420
CENTROID X	:	.365	.398	.580
CENTROID Y	:	.042	.279	.326
POA TO CENTROID in.	:	.367	.486	.665
MIN RADIUS	:	.175	.381	.344
MEAN RADIUS	:	.913	.751	.632
MAX RADIUS	:	2.151	1.504	.829
HORIZONTAL SPREAD	:	2.315	2.315	1.461
VERTICAL SPREAD	:	3.154	1.162	1.160
EXTREME SPREAD	:	3.157	2.320	1.498
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	9		

28 Mar 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225127

CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1 in - 1

2 in - 8

3 in - 10

HS- 2.162

VS- 1.679

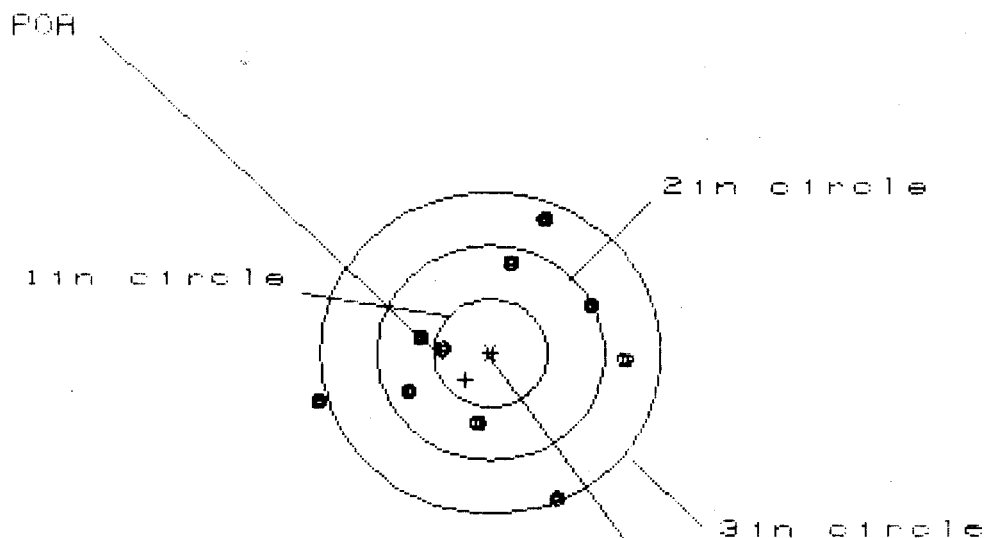
GS- 2.377

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.969	.837	.792
MINIMUM X	:	-1.193	-.925	-.970
MAXIMUM Y	:	.545	.448	.294
MINIMUM Y	:	-1.134	-1.231	-.599
CENTROID X	:	.232	.364	.409
CENTROID Y	:	.340	.437	.591
POA TO CENTROID in.	:	.411	.569	.719
MIN RADIUS	:	.452	.402	.242
MEAN RADIUS	:	.818	.712	.609
MAX RADIUS	:	1.480	1.282	.972
HORIZONTAL SPREAD	:	2.162	1.762	1.762
VERTICAL SPREAD	:	1.679	1.679	.893
EXTREME SPREAD	:	2.377	1.923	1.772
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

20 Mar 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225127

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 9

HS= 2.659

VS= 2.631

GS= 2.688

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.190	1.027	1.083
MINIMUM X	-1.463	-.833	-.777
MAXIMUM Y	1.280	1.234	1.059
MINIMUM Y	-1.351	-1.397	-.889
CENTROID X	.219	.382	.326
CENTROID Y	.252	.299	.474
POA TO CENTROID in.	.334	.486	.575
MIN RADIUS	.429	.584	.542
MEAN RADIUS	.991	.940	.853
MAX RADIUS	1.528	1.467	1.127
HORIZONTAL SPREAD	2.659	1.860	1.860
VERTICAL SPREAD	2.631	2.631	1.948
EXTREME SPREAD	2.688	2.634	2.046
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R 98-01553

INITIAL CUSTOMER ORDER NO

WOG 2 OF 2

JJM

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
01/16/98	01/16/98		C6225127		700 7.62 NATO
ACCESSORIES SCOPE BASE W/SWIVELS					

FROM:

SHIP TO:

U S ARMY
SGT MATTEW DENNIS
406TH QM SUPPLY COMPANY GS
FT BRAGG NC 28307

U S ARMY
SGT MATTEW DENNIS
406TH QM SUPPLY COMPANY GS
FT BRAGG NC 28307

CUST NO:181550 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

W 52 H 09 80 16 H 2 42

~~W 36 B Y M~~

W 36 Q Z 5

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
CYCLE		B1				
TRIGGER GROUP		B1			E1	F1
BOLT ASSY.		B3			E3	F3
BARREL ASSY.		B1		D1	E3	F1
REC. ASSY.		B3		U2	E4	F1
WOOD			C1	U3	E5	F1
METAL			C2			
MAIN FAULT						

PARTS

1- BARREL 96003

COMMENTS

00161
00161

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
RW	☒	☒	☒	☒	
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
RW	1/28/98	2/17/98	2/17/98	2/18/98	

OFFICE COPY

RD6925 REV. 7/97

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400085570

To Whom It May Concern,

Enclosed is a 7.62mm sniper rifle, NSN 1005-01-240-2136, SERIAL NUMBER: C6225127, that was turned into the 406th GSC warehouse armsroom. Customer turned in to us stating that weapon fails to extract and barrel free floats. Customer wants the weapon to be repaired and returned to:

406th GSC

BLDG. J-2050

FT. BRAGG, NC 28307

(910) 396-2111

SGT DENNIS (P.O.C.)

SHIP TO ADDRESS

The unit that turned in the rifle is:

HHC 3/505TH PIR

FT. BRAGG, NC 28307

SPC EDSALL (P.O.C.) AT (910) 432-5720

SR 782 CS BN HSC MSB A

Base 2 T 5713

~~1340-0106~~

BAD ONE

THANK YOU,

Matthew Dennis

SGT MATTHEW DENNIS

406TH QM Supply Company, GS

FT. BRAGG, NC 28307

MAINTENANCE REQUEST For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG				PAGE NO		NO OF PAGES		REQUIREMENT CONTROL SYMBOL CSGLD-1047(R1)					
SECTION I - CUSTOMER DATA						SECTION II - MAINTENANCE ACTIVITY DATA							
1a. UIC CUSTOMER		1b. CUSTOMER UNIT NAME		1c. PHONE NO		3a. WORK ORDER NUMBER (WON)		3b. SHOP		3c. PHONE NO			
2a. SAMS-2 UIC/SAMS-1/TDA		2b. UTILIZATION CODE		2c. MCSR		4a. UIC SUPPORT UNIT		4b. SUPPORT UNIT NAME					
SECTION III - EQUIPMENT DATA													
5. TYPE MNT REQ CODE		6. ID		7. NSN		15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code) See DA Pamphlets 738-750 and 738-751							
8. MODEL				15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code) See DA Pamphlets 738-750 and 738-751				16. MILES/KILOMETERS/HOURS/ROUNDS					
9. NOUN								M		K			
10a. ORG WON/DOC NO				10b. EIC				H		R			
11. SERIAL NUMBER		12. QTY		13. PD		17. PROJECT CODE (if assigned)		18. ACCOUNT PROCESSING CODE		19. IN WARRANTY? (enter Y or N)			
14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use)				21. REIMBURSABLE CUSTOMER (if Intransit customer enter Y or N)				20. ADMIN NO					
				22. LEVEL OF WORK		23. SIGNATURE							
24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not prescribe repairs)													
25. REMARKS													
26. TECHNICAL REFERENCES													
SECTION IV - TASK REQUIREMENTS DATA													
27a. FILE INPUT ACT CD		27b. TASK NO	27c. ACT CODE	27d. TASK DESCRIPTION			27e. QTY TO BE RPR	27f. WORK CENTER	27g. FAILURE CODE	27h. MH PROJ	27i. MH EXP		
SECTION V - PART REQUIREMENTS													
28a. FILE INPUT ACT CD	28b. TASK NO	28c. ID NO	28d. NSN OR PART NUMBER			28e. SFX CD	28f. QTY RQD	28g. QTY ISSUED	28h. NMCS CD	28i. FAILURE CODE	28j. STORAGE LOCATION	28k. INITIALS	28l. COST \$
28m. TOTAL MANHOURS			28n. TOTAL MANHOURS COSTS \$				28o. TOTAL PARTS COSTS \$						
SECTION VI - COMPLETION DATA													
29. QTY RPR		30. QTY CONDEMN		31. QTY NRTS		32. EVAC WON		33. EVAC UNIT NAME					
SECTION VII - ACTION SIGNATURES													
34a. SUBMITTED BY		35a. ACCEPTED BY		35c. DATE		36a. WORK STARTED BY		37a. INSPECTED BY		38a. PICKED UP BY			
34b. DATE		35b. STATUS	35d. TIME	36b. STATUS	36c. DATE	36d. TIME	37b. STATUS	37c. DATE	37d. TIME	38b. STATUS	38c. DATE	38d. TIME	

EQUIPMENT INSPECTION AND MAINTENANCE WORKSHEET						
For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG						
1. ORGANIZATION HHC 3/505 PIR		2. NOMENCLATURE AND MODEL M24 1.62mm Sniper Rifle				
3. REGISTRATION/SERIAL/NSN C6225127		4a. MILES	b. HOURS	c. ROUNDS FIRED	d. HOT STARTS	5. DATE 10 Sept 91
6. TYPE INSPECTION II Turn in						
7. APPLICABLE REFERENCE						
TM NUMBER		TM DATE		TM NUMBER		TM DATE
COLUMN a — Enter TM item number. COLUMN b — Enter the applicable condition status symbol. COLUMN c — Enter deficiencies and shortcomings.				COLUMN d — Show corrective action for deficiency or shortcoming listed in Column c. COLUMN e — Individual ascertaining completed corrective action initial in this column.		
STATUS SYMBOLS						
“X”—Indicates a deficiency in the equipment that places it in an inoperable status. CIRCLED “X”—Indicates a deficiency, however, the equipment may be operated under specific limitations as directed by higher authority or as prescribed locally, until corrective action can be accomplished. HORIZONTAL DASH (“—”)—Indicates that a required inspection, component replacement, maintenance operation check, or test flight is due but has not been accomplished, or an overdue MWO has not been accomplished.				DIAGONAL (“/”)—Indicates a materiel defect other than a deficiency which must be corrected to increase efficiency or to make the item completely serviceable. LAST NAME INITIAL IN BLACK, BLUE-BLACK INK, OR PENCIL—Indicates that a completely satisfactory condition exists. FOR AIRCRAFT—Status symbols will be recorded in red.		
ALL INSPECTIONS AND EQUIPMENT CONDITIONS RECORDED ON THIS FORM HAVE BEEN DETERMINED IN ACCORDANCE WITH DIAGNOSTIC PROCEDURES AND STANDARDS IN THE TM CITED HEREON.						
8a. SIGNATURE (Person(s) performing inspection) SSA [Signature] B Co 82nd FSB		8b. TIME		9a. SIGNATURE (Maintenance Supervisor)		9b. TIME
10. MANHOURS REQUIRED						
TM ITEM NO. a	STATUS b	DEFICIENCIES AND SHORTCOMINGS c		CORRECTIVE ACTION d		INITIAL WHEN CORRECTED e
1	X	Failure to attach				
2	X	Free floating Barrel				
3	/	over 500 Rounds Fired				
BT 82 FSB						
Condition Code F						
Inspected By						

21 DAY TURN - AROUND

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO.

C6225127

LOG IN DATE: / /

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

1/28/98

RW

605 CHECK HEADSPACE

610 DIS-ASSEMBLE

612 MAGNAFLUX

615 ROLLMARK CALIBER

618 ROTO-BLAST

620 APPLY COATINGS

625 A FINAL ASSEMBLY

B TRIGGER PULL TEST

C SAFETY ON FORCE

D SAFETY OFF FORCE

E FIRING PIN INDENT

640 TARGET

2/16/98

RW

655 FINAL INSPECT

2/17/98

RW

660 PACK

QAR INSPECTION

SHIP DATE

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6225127
20 Feb 1998

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0884
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .3948
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .404576

THE AMR FOR THIS RIFLE IS: 1.228

CENTROIDAL DISTANCES

0 TO	1	.790712
1 TO	2	.6094
1 TO	3	.406007
1 TO	4	.597227
1 TO	5	.712851

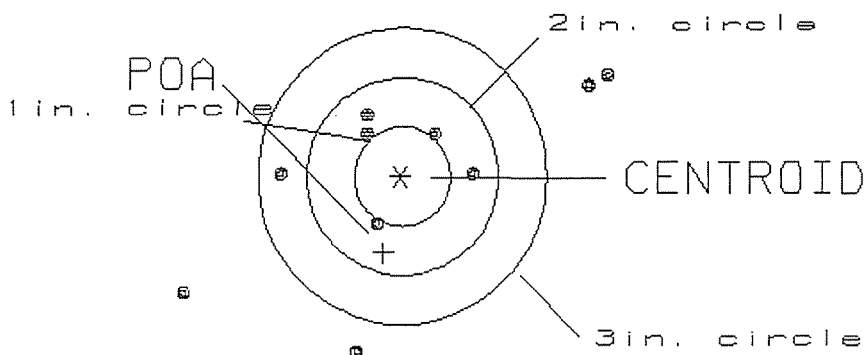
1
3
4 2
+5 <----POA

PATTERN #: ☐ 1 ☐
 POA TO CENTROID: .791
 MIN RADIUS : .493
 MEAN RADIUS : 1.307
 MAX RADIUS : 2.531
 CENTROID X : .171
 CENTROID Y : .772

20 Feb 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225127

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 4.35
 VS= 2.70
 GS= 4.86

1
 5
 6

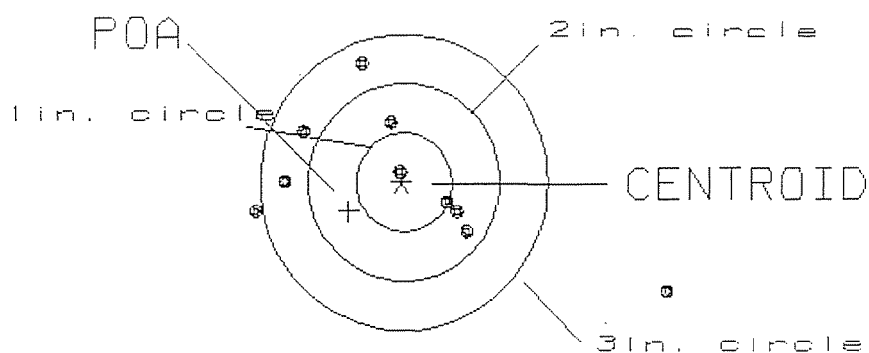
1.2288
 AMR

PATTERN #: ☐ 2 ☐
 POA TO CENTROID: .622
 MIN RADIUS : .094
 MEAN RADIUS : 1.084
 MAX RADIUS : 2.937
 CENTROID X : .549
 CENTROID Y : .294

20 Feb 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225127

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 4.23

1

VS= 2.31

5

GS= 4.30

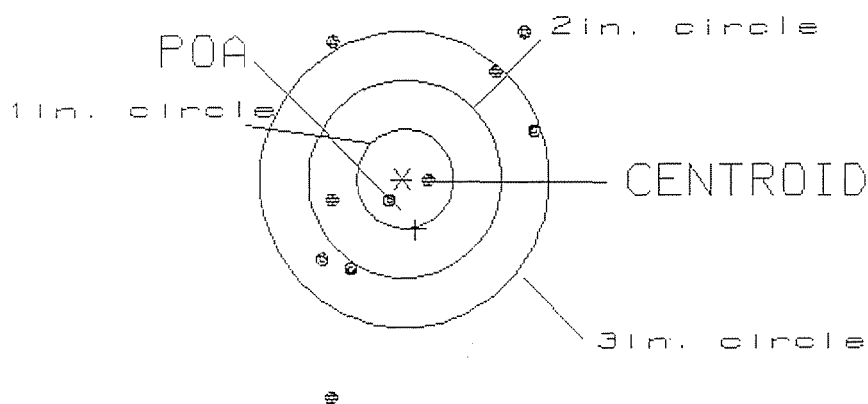
8

PATTERN #: 3
 POA TO CENTROID: .530
 MIN RADIUS : .242
 MEAN RADIUS : 1.231
 MAX RADIUS : 2.357
 CENTROID X : -.140
 CENTROID Y : .511

20 Feb 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225127

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.11

2

VS= 3.69

3

GS= 4.22

7

REMINGTON CENTERFIRE ACCURACY TEST

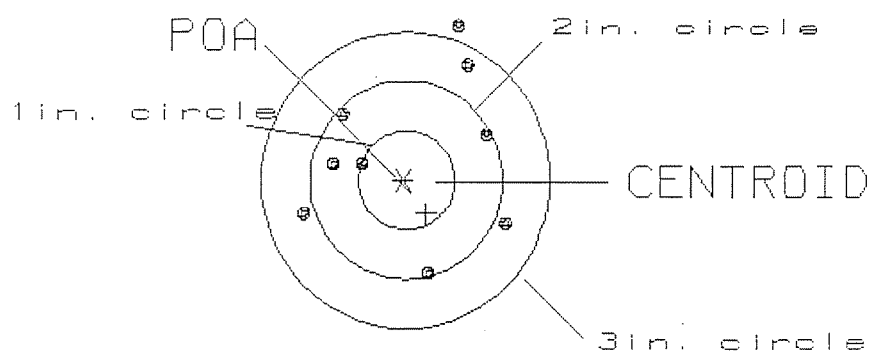
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: C 4 C
 POA TO CENTROID: .409
 MIN RADIUS : .479
 MEAN RADIUS : 1.157
 MAX RADIUS : 2.444
 CENTROID X : -.235
 CENTROID Y : .334

20 Feb 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225127

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.03
 VS= 3.96
 GS= 4.04

1
 5
 8

REMINGTON CENTERFIRE ACCURACY TEST

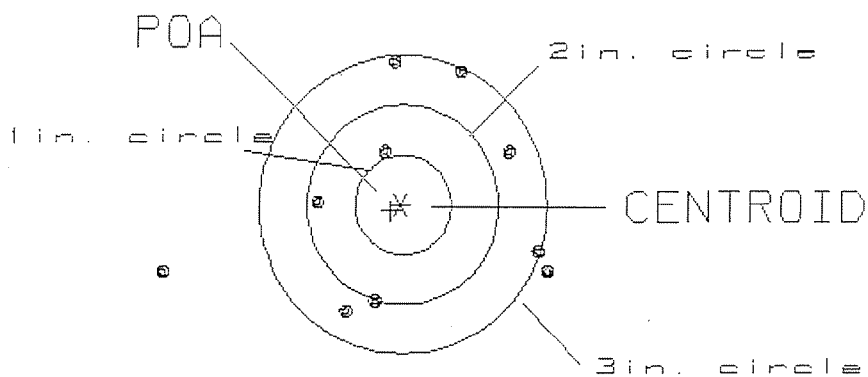
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 5
 POA TO CENTROID: .115
 MIN RADIUS : .588
 MEAN RADIUS : 1.362
 MAX RADIUS : 2.558
 CENTROID X : .097
 CENTROID Y : .063

20 Feb 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225127

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 4.01

0

VS= 2.58

2

GS= 4.01

8