

G 6590061
Replaces
C-6225116

Repair Number: RE00113028	Serial: C6225116 Model M24 SWS Center Fire Caliber: 7.62 NATO	Repairman:	Status: Closed 5/31/2006 10:20:37 AM																
Verify Repair																			
Address Information																			
Customer: ☒ Received From		Return To: ☒ Received From																	
Name: C CO SPT BN SWTG (A) POC JERRY SCREEN		C CO SPT BN SWTG (A) POC JERRY SCREEN																	
Address 1: ARMAMENT FACILITY BLDG D-1307		ARMAMENT FACILITY BLDG D-1307																	
Address 2: GRUBER ROAD PO Box:		GRUBER ROAD PO Box:																	
City: FORT BRAGG		FORT BRAGG																	
State: NC Zip Code: 28310 Country: US		State: NC Zip Code: 28310 Country: US																	
EFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐																			
Contact / Condition	Problems	Estimate	History / Status	Shipping / Billing															
Contact Information		Received Condition		Accessories Received															
Phone: NA		Fair		<table border="1"><thead><tr><th>Code</th><th>Desc</th><th>Qty</th></tr></thead><tbody><tr><td>A007</td><td>With Stud</td><td>3</td></tr><tr><td>A010</td><td>Hard Case</td><td>1</td></tr><tr><td>A017</td><td>Scope Base</td><td>1</td></tr><tr><td>A057</td><td>Fit and Rear Sgt Base</td><td>1</td></tr></tbody></table>	Code	Desc	Qty	A007	With Stud	3	A010	Hard Case	1	A017	Scope Base	1	A057	Fit and Rear Sgt Base	1
Code	Desc	Qty																	
A007	With Stud	3																	
A010	Hard Case	1																	
A017	Scope Base	1																	
A057	Fit and Rear Sgt Base	1																	
Fax:		Condition Notes:																	
Email:		CSR Notes:																	
Comments:																			
Repair Search		Refresh		Close															
nagletj		5/31/2006 10:30 AM		CAPS NUM INS SCRL															

G6590061

Serial Number: ~~C6225116~~

Model: M24 SWS



RE00113028

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6590061.__0
FILE DATE AND TIME: 07/11/2006 17:44

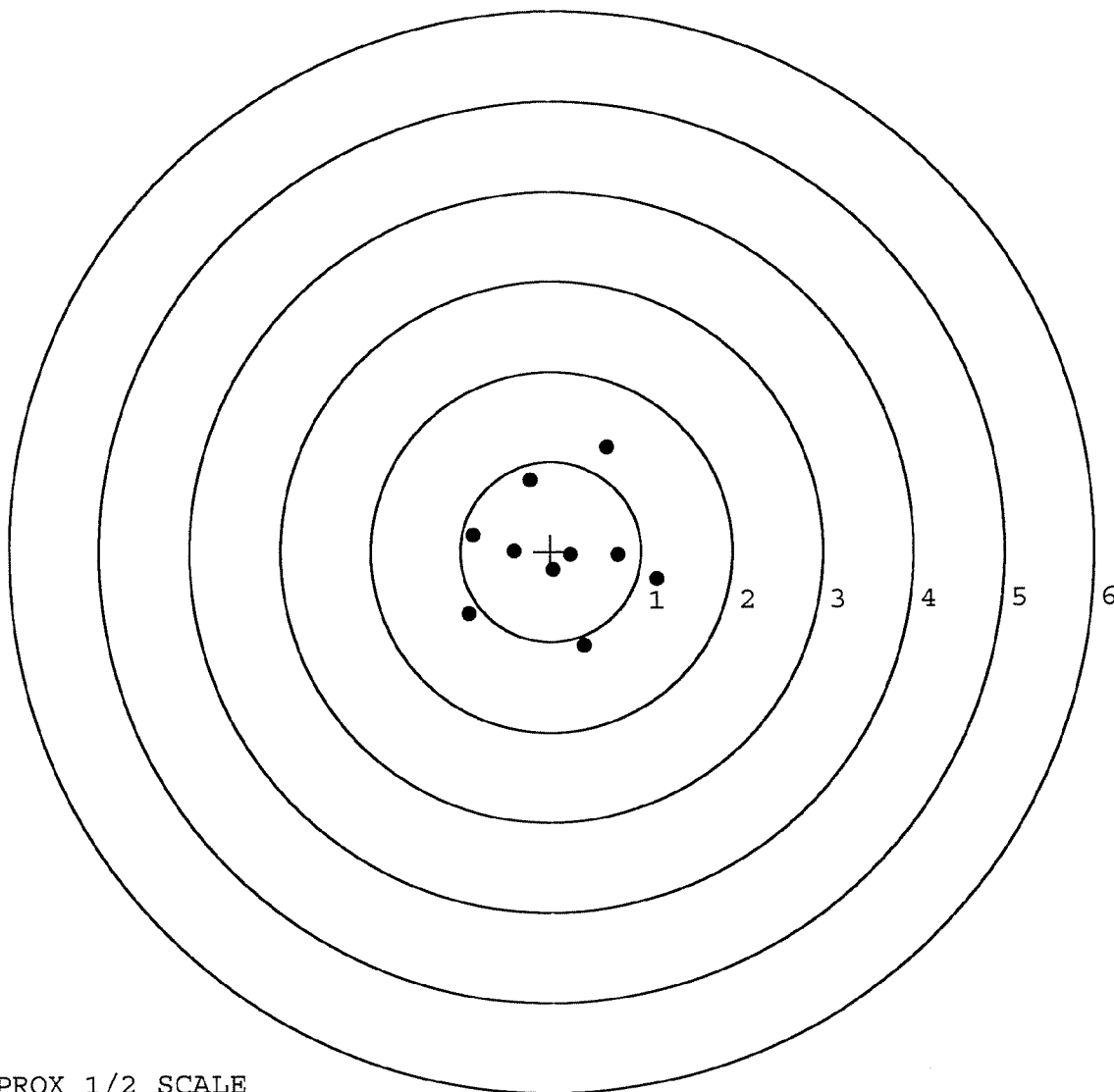
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.136
The Average Y Centroid of the Five Target Set:	-0.042
The Average Point of Impact of the Five Target Set:	0.142
The Average Mean Radius of the Five Target Set:	0.710
The Distance from POA to Centroid Target #1:	0.080
The Distance from Centroid Target #2 to Centroid Target #1:	0.133
The Distance from Centroid Target #3 to Centroid Target #1:	0.330
The Distance from Centroid Target #4 to Centroid Target #1:	0.369
The Distance from Centroid Target #5 to Centroid Target #1:	0.362

SERIAL NUMBER: G6590061. __0
TARGET NUMBER: 1
FILE DATE: 07/11/2006
FILE TIME: 17:44

X CENTROID: 0.076
Y CENTROID: -0.023
POA TO CENTROID: 0.080
HORZ SPREAD: 2.084
VERT SPREAD: 2.205
GROUP SPREAD: 2.402
MIN RADIUS: 0.147
MAX RADIUS: 1.302
MEAN RADIUS: 0.802
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.368	-1.050
2:	1.171	-0.326
3:	0.741	-0.049
4:	0.222	-0.045
5:	0.029	-0.213
6:	-0.913	-0.687
7:	-0.405	-0.004
8:	-0.856	0.187
9:	-0.224	0.799
10:	0.629	1.155

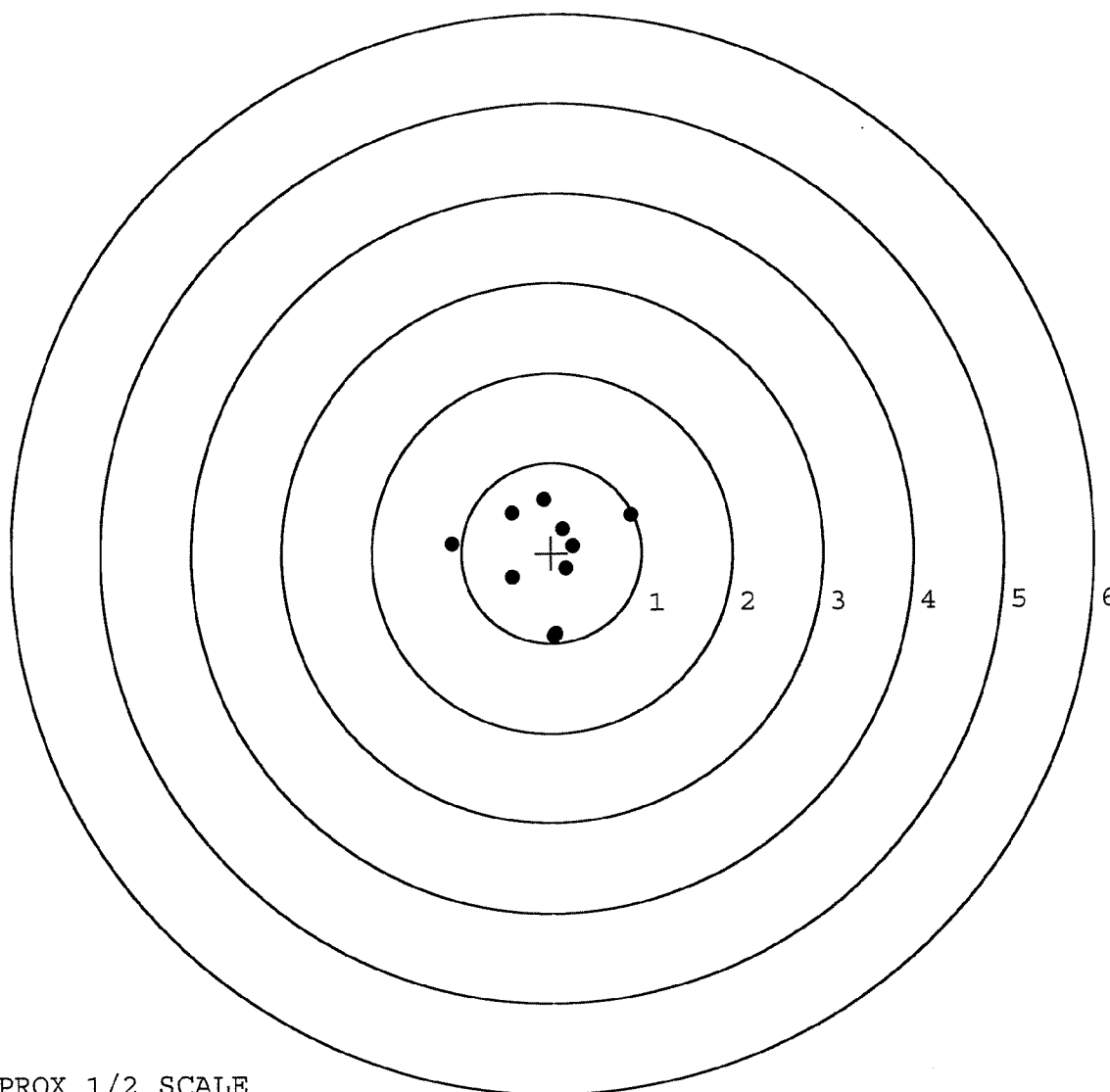


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590061. __0
TARGET NUMBER: 2
FILE DATE: 07/11/2006
FILE TIME: 17:44

X CENTROID: -0.056
Y CENTROID: -0.039
POA TO CENTROID: 0.068
HORZ SPREAD: 1.989
VERT SPREAD: 1.517
GROUP SPREAD: 2.013
MIN RADIUS: 0.262
MAX RADIUS: 1.059
MEAN RADIUS: 0.649
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.051	-0.904
2:	-0.434	-0.269
3:	-1.105	0.110
4:	-0.436	0.440
5:	-0.082	0.587
6:	0.127	0.261
7:	0.246	0.078
8:	0.166	-0.178
9:	0.023	-0.930
10:	0.884	0.419



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590061. __0

TARGET NUMBER: 3

FILE DATE: 07/11/2006

FILE TIME: 17:44

POINT#	X	Y
1:	0.076	1.401
2:	-0.692	0.410
3:	-0.843	-0.069
4:	-0.542	-0.259
5:	-0.143	-0.162
6:	-0.002	-0.301
7:	0.755	-0.287
8:	-0.414	-0.636
9:	0.033	-0.807
10:	-0.410	-1.019

X CENTROID: -0.218

Y CENTROID: -0.173

POA TO CENTROID: 0.278

HORZ SPREAD: 1.598

VERT SPREAD: 2.420

GROUP SPREAD: 2.468

MIN RADIUS: 0.076

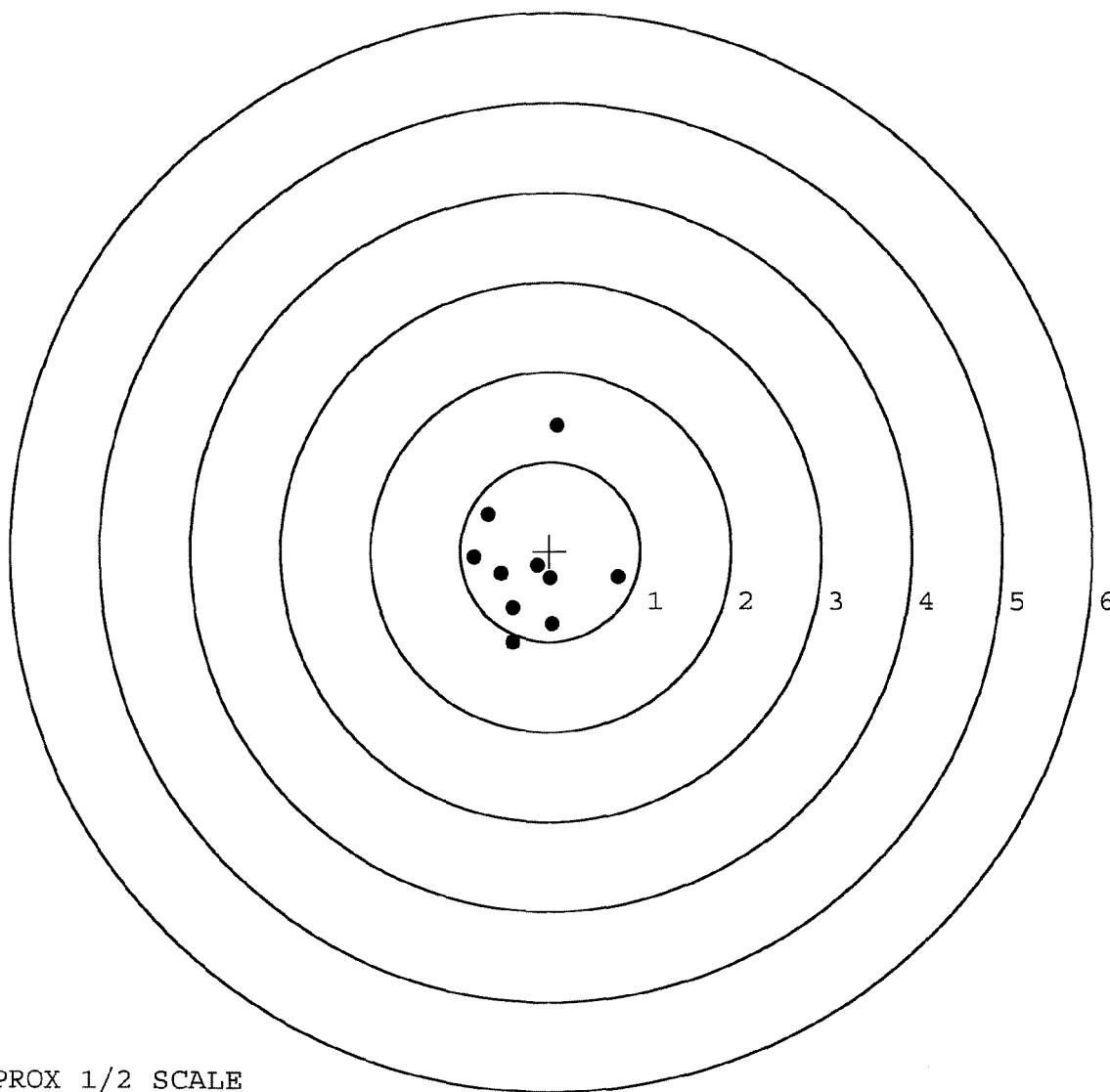
MAX RADIUS: 1.601

MEAN RADIUS: 0.668

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590061. __0

TARGET NUMBER: 4

FILE DATE: 07/11/2006

FILE TIME: 17:44

POINT#	X	Y
1:	-0.475	1.099
2:	0.757	-0.291
3:	0.201	-0.754
4:	-0.781	-0.927
5:	0.045	-0.439
6:	-0.240	-0.372
7:	-0.291	0.137
8:	-0.704	0.229
9:	-0.752	-0.140
10:	-0.404	-0.185

X CENTROID: -0.264

Y CENTROID: -0.164

POA TO CENTROID: 0.311

HORZ SPREAD: 1.538

VERT SPREAD: 2.026

GROUP SPREAD: 2.049

MIN RADIUS: 0.141

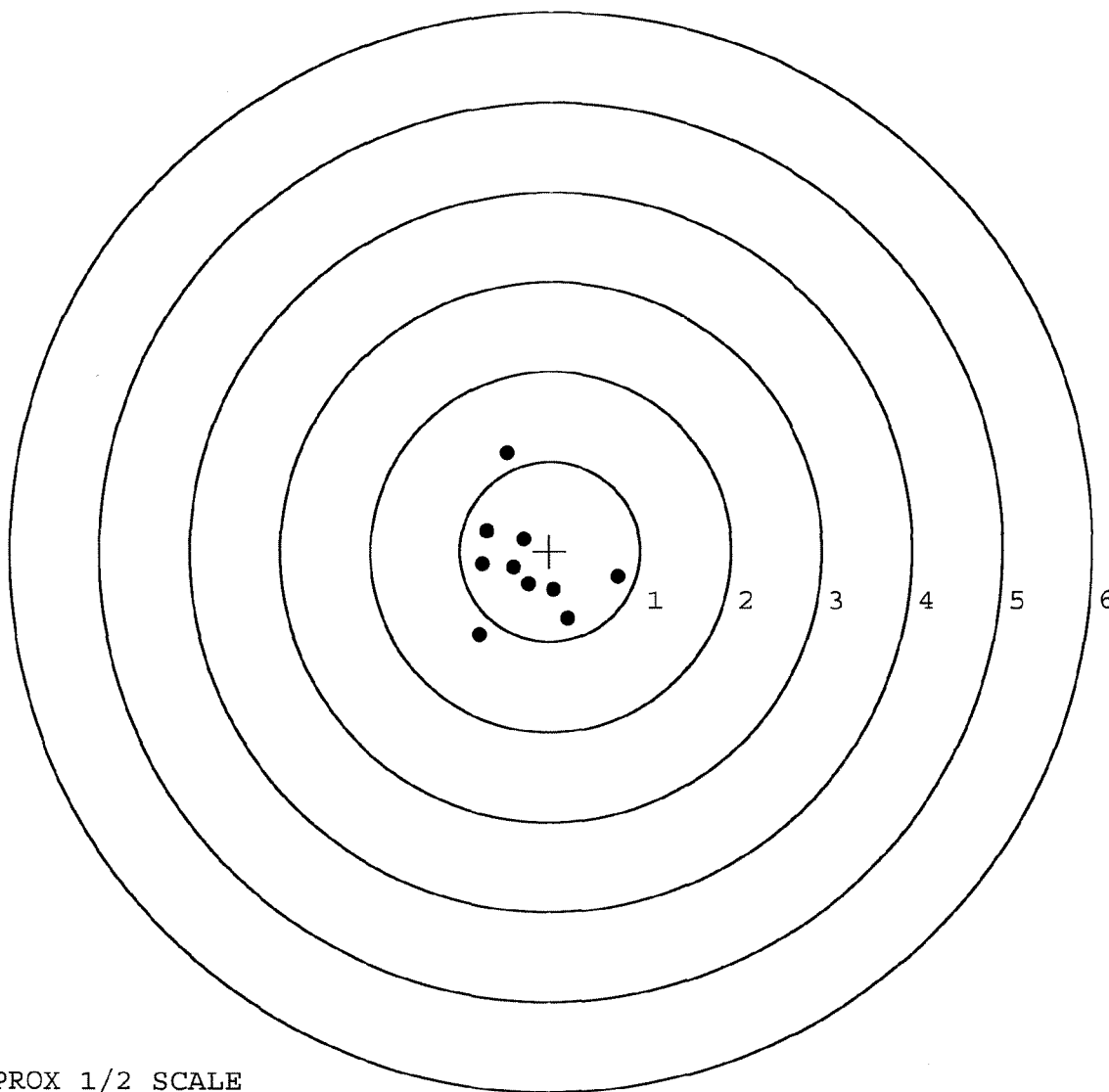
MAX RADIUS: 1.281

MEAN RADIUS: 0.613

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590061. __0

TARGET NUMBER: 5

FILE DATE: 07/11/2006

FILE TIME: 17:44

POINT#	X	Y
1:	-1.083	-0.868
2:	0.523	-0.891
3:	-0.136	-0.634
4:	-0.421	-0.414
5:	-0.449	0.314
6:	0.018	0.610
7:	0.247	0.825
8:	-0.605	1.032
9:	-0.201	1.117
10:	-0.050	0.820

X CENTROID: -0.216

Y CENTROID: 0.191

POA TO CENTROID: 0.288

HORZ SPREAD: 1.606

VERT SPREAD: 2.008

GROUP SPREAD: 2.172

MIN RADIUS: 0.264

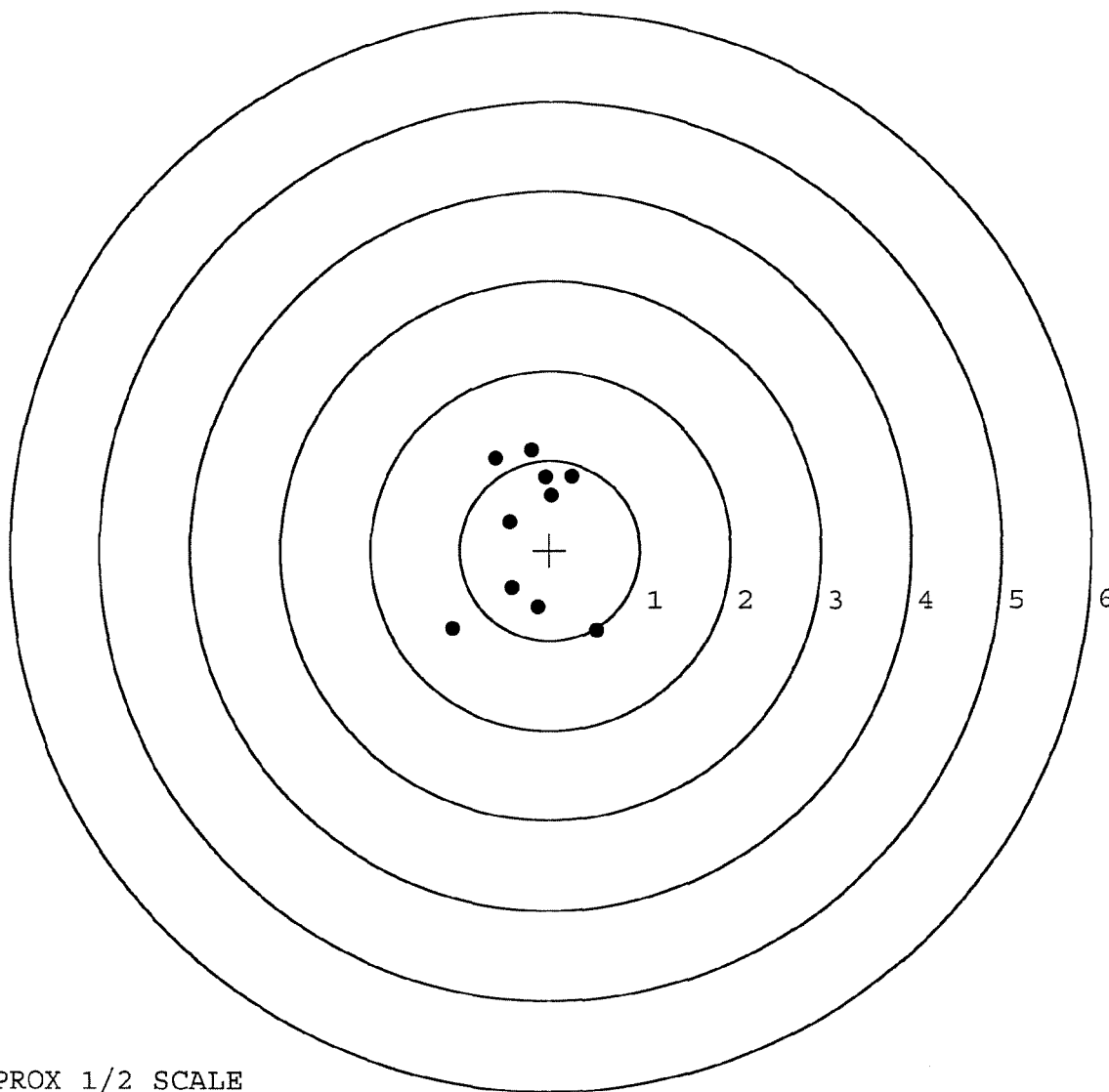
MAX RADIUS: 1.369

MEAN RADIUS: 0.818

IN 1 IN DIAMETER: 2

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		113028		Fort Bragg	
SERIAL NUMBER		C622546		G 6590061	
LOG-IN DATE		5-31-06			
OPERATION #	OPERATION NAME			DATE	INITIAL
500	DIS-ASSEMBLE GUN			6-20-06	AC
505	RE-BARREL			6-20-06	AC
560	ASSEMBLE			6-27-06	AC
600	PROOF	MAGNA - FLUX INSPECTED		6-27-06	AC
605	CHECK HEADSPACE			6-27-06	AC
610	DIS-ASSEMBLE GUN	JUN 27 2006		6-27-06	AC
612	MAGNAFLUX	OPERATOR <u>CPD</u>		6-27-06	CPD
510	DRILL AND TAP			6-26-06	TRW
615	ROLLMARK CALIBER			6-27-06	CW
618	ROTO-BLAST			6-29-06	CB
620	APPLY COATINGS			7/6	HP
625	FINAL ASSEMBLY			7-10-06	AC
640	FUNCTION TEST AND	<u>PASS</u> FAIL		7-11-06	nom
650	TARGET	<u>PASS</u> FAIL		7-11-06	nom
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION			
670	FINAL INSPECTION			7-13-06	AC
	A) HEADSPACE	<u>PASS</u> FAIL		7-13-06	AC
	B) TRIGGER PULL	+1.5 LBS MIN 2.50 LBS MAX 4.0 LBS		285 280 290 285 285 7-12-06	DA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX		52 52 52 7-12-06	DA
	G) SAFETY OFF FORCE	2 LBS MIN		22 25 25 7-12-06	DA
	I) FIRING PIN INDENT	.020		023 0225 0225 7-12-06	DA
690	PACK			8-3-06	DA

PAYMENT:

Mastercard / Visa (circle one)

Card #: _____

Exp. Date: _____

Signature: _____

RETURN:

☐ Clark Street Entrance☒ Via US Mail or UPS

(PLEASE PRINT CLEARLY)

FIREARMS DELIVERED TO PLANT

FILE NO 011782DATE 1/16/97CUSTOMER NAME: FT BRAGG N.C.ADDRESS: D-2-157 SWTG (A)ZIP: 28307PHONE: 910-432-9771FIREARM MODEL: M. 24

GAUGE: _____

SERIAL # A 622 5116

REMINGTON EMPLOYEE:

YES ☐ NO ☒

EMPLOYEE # _____

DEPT. # _____

CHECK FOR AMMUNITION

CONDITION:

WOOD GOOD FAIR POOR FANCY PLAIN

METAL GOOD FAIR POOR FANCY PLAIN

BARREL VT. RIB PLAIN DEER RSS

ACCESSORIES:

SCOPE: YES NO (BRAND NAME/POWER) _____

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

EXTRA BBL FOR GUN MENTIONED ABOVE:

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

CUSTOMER REQUEST: ATU FRED MARTINSIGNATURE: [Signature]
(Person delivering firearm to Plant)DATE: 16 JAN 97SIGNATURE: [Signature]
(Security Officer)DATE: 1/16/97SIGNATURE: [Signature]
(Firearm picked up by)

DATE: _____

Arm Service Copy

21 DAY TURN - AROUND

*New Barrel
&
Stock*

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO. *C6225116*

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
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
655	FINAL INSPECT
660	PACK

*1/20/97 Rv
3/3/97 Rv*

*2/27/97 Rv
3/3/97 Rv*

QAR INSPECTION

SHIP DATE

Final Inspection

Sn: C6225116

DATE REC'D: 1/17/97

DATE RET'D:

AUDITOR: RW

Item:

BARREL ASSY.

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

SCOPE ASSY.

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

MISC.

☐ DD-250☐ BAR CODE☐ PACKAGING

Item:

STOCK ASSY.

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

SYSTEMS CASE

☐ SCOPE CASE☐ IRON SIGHTS☐ DEPLOYMENT KIT

TRIGGER

☒ SAFETY OPERATION☒ SET

Comments: _____

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225116
24 Sep 1991

CENTROIDAL DISTANCES

0 TO	1	.174155
1 TO	2	.398848
1 TO	3	.189233
1 TO	4	.775155
1 TO	5	.474094

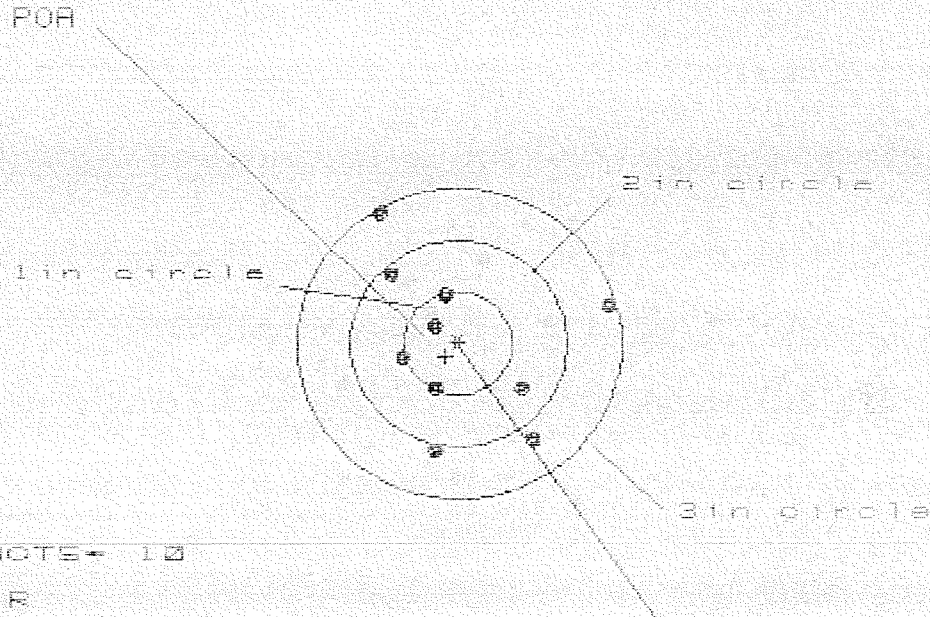
-----POR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0818
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -1.1976
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .213862
THE AMR FOR THIS RIFLE IS: 1.03

24 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/05225116

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1in = 2

2in = 6

3in = 10

HS = 2.105

VS = 2.357

GS = 2.609

CENTROID *

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.356	1.273	.713
MINIMUM X	:	-.749	-.685	-.526
MAXIMUM Y	:	1.296	.815	.875
MINIMUM Y	:	-1.061	-.917	-.857
CENTROID X	:	.117	.200	.041
CENTROID Y	:	.129	-.015	-.075
POA TO CENTROID in.	:	.174	.201	.086
MIN RADIUS	:	.278	.443	.329
MEAN RADIUS	:	.851	.731	.679
MAX RADIUS	:	1.497	1.362	1.021
HORIZONTAL SPREAD	:	2.105	1.958	1.239
VERTICAL SPREAD	:	2.357	1.732	1.732
EXTREME SPREAD	:	2.609	2.085	2.012
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			10	

24 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6225116

CENTERFIRE PATTERNS

2

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 0

2in = 2

3in = 10

HS= 2.630

VS= 2.343

GS= 2.635

PATTERN #

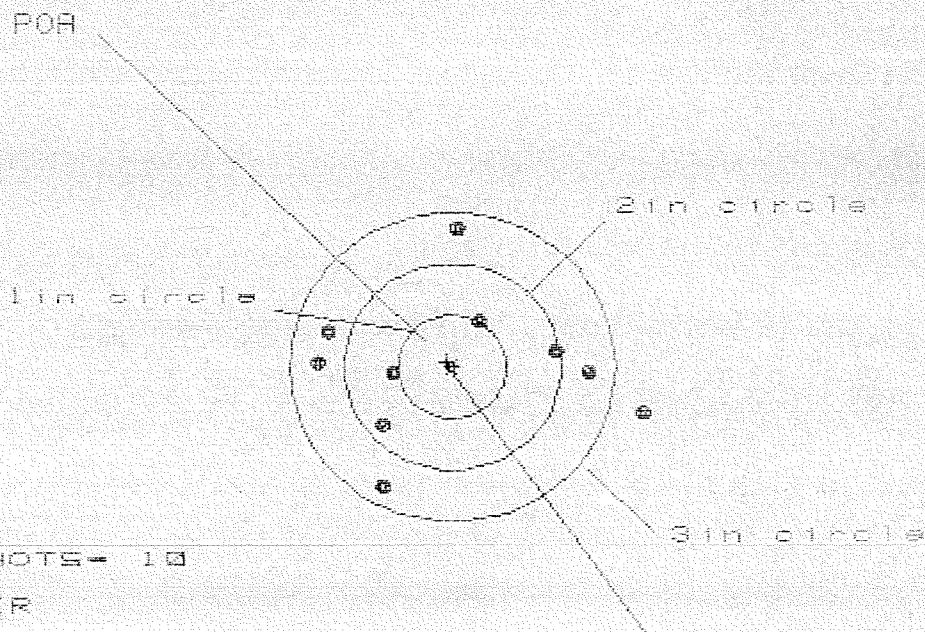
2

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.292	1.390	1.536
MINIMUM X	-1.337	-1.250	-1.094
MAXIMUM Y	1.177	1.048	.948
MINIMUM Y	-1.165	-1.091	-1.191
CENTROID X	.403	.316	.150
CENTROID Y	-.149	-.019	.001
POA TO CENTROID in.	.430	.317	.179
MIN RADIUS	.763	.607	.436
MEAN RADIUS	1.159	1.110	1.031
MAX RADIUS	1.405	1.486	1.541
HORIZONTAL SPREAD	2.630	2.630	2.630
VERTICAL SPREAD	2.343	2.139	2.139
EXTREME SPREAD	2.635	2.635	2.635
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		2	
NUMBER IN THREE INCH CIRCLE =		10	

24 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/G8225116

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 1

2in = 4

3in = 9

HS= 2.991

VS= 2.434

GS= 3.043

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.739	1.433	1.469
MINIMUM X	:	-1.252	-1.058	-1.022
MAXIMUM Y	:	1.324	1.270	.515
MINIMUM Y	:	-1.110	-1.164	-1.005
CENTROID X	:	.045	-.149	-.185
CENTROID Y	:	-.046	.008	-.151
POA TO CENTROID in.	:	.064	.149	.239
MIN RADIUS	:	.488	.361	.314
MEAN RADIUS	:	1.103	.997	.942
MAX RADIUS	:	1.806	1.434	1.472
HORIZONTAL SPREAD	:	2.991	2.491	2.491
VERTICAL SPREAD	:	2.434	2.434	1.520
EXTREME SPREAD	:	3.043	2.550	2.491
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

24 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/CG225116

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS= 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS= 1.846

VS= 3.159

GS= 3.255

CENTROID *

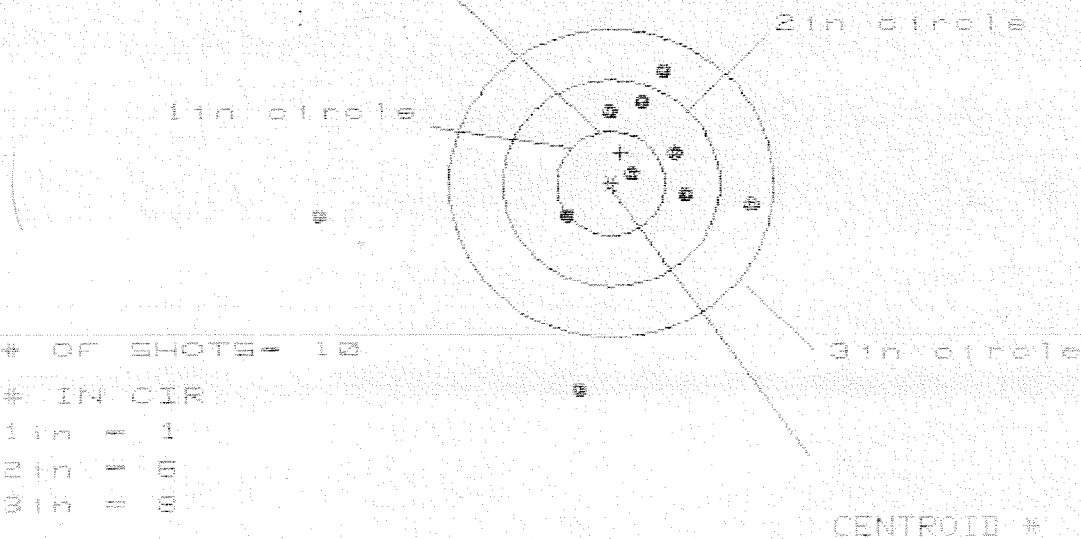
PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.773	.702	.712
MINIMUM X	-1.073	-1.144	-1.133
MAXIMUM Y	1.581	1.405	.782
MINIMUM Y	-1.578	-1.212	-1.036
CENTROID X	-.067	.004	-.006
CENTROID Y	-.624	-.443	-.624
POA TO CENTROID IN.	.627	.443	.624
MIN RADIUS	.275	.200	.220
MEAN RADIUS	.968	.854	.790
MAX RADIUS	1.701	1.403	1.191
HORIZONTAL SPREAD	1.846	1.846	1.846
VERTICAL SPREAD	3.159	2.617	1.818
EXTREME SPREAD	3.255	2.621	2.231
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

24 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6225116

CENTERFIRE PATTERNS # 5

POB



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 3

HS= 3.970

VS= 3.020

GS= 3.973

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.259	.958	.884
MINIMUM X	:	-2.710	-.761	-.935
MAXIMUM Y	:	1.060	1.024	.775
MINIMUM Y	:	-1.960	-1.996	-.546
CENTROID X	:	-.089	.212	.285
CENTROID Y	:	-.298	-.262	-.010
POB TO CENTROID in	:	.311	.337	.286
MIN RADIUS	:	.217	.106	.211
MEAN RADIUS	:	1.067	.800	.595
MAX RADIUS	:	2.729	2.081	.997
HORIZONTAL SPREAD	:	3.970	1.719	1.719
VERTICAL SPREAD	:	3.020	3.020	1.921
EXTREME SPREAD	:	3.973	3.118	1.722
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6225116
4 Mar 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3656
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .188
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .411105

THE AMR FOR THIS RIFLE IS: 1.131

CENTROIDAL DISTANCES

0 TO	1	.616591
1 TO	2	.418871
1 TO	3	.421011
1 TO	4	.335233
1 TO	5	.436904

$\frac{2}{5}$ 1
+ $\frac{3}{4}$ ---POA

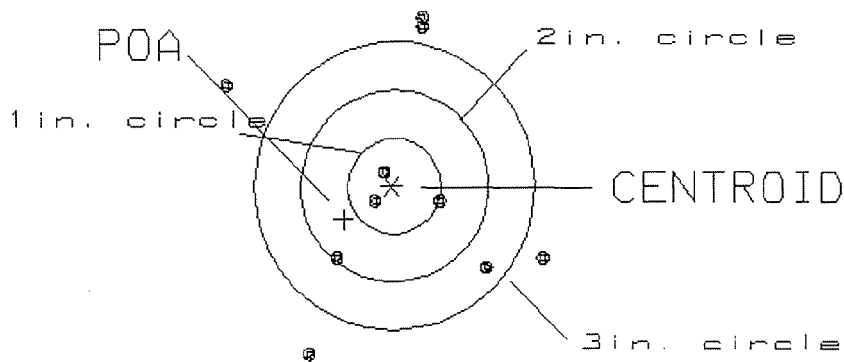
PATTERN #: 1

POA TO CENTROID: .617
 MIN RADIUS : .162
 MEAN RADIUS : 1.250
 MAX RADIUS : 2.090
 CENTROID X : .509
 CENTROID Y : .348

4 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225116

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.44

2

VS= 3.45

3

GS= 3.87

5

PATTERN #: 2

POA TO CENTROID: .386

MIN RADIUS : .226

MEAN RADIUS : .920

MAX RADIUS : 2.297

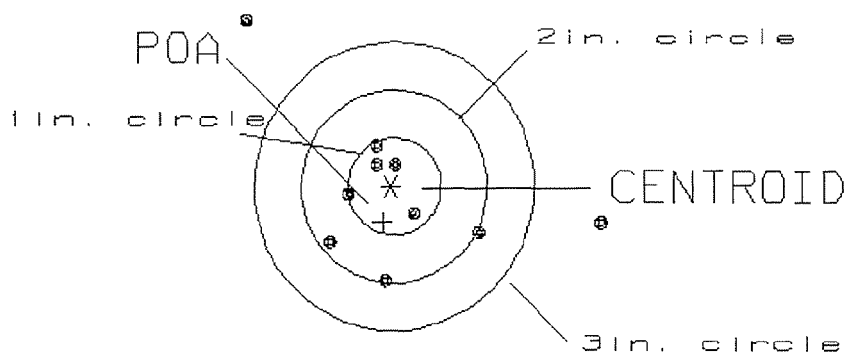
CENTROID X : .091

CENTROID Y : .375

4 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225116

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.74

4

VS= 2.61

8

GS= 4.29

8

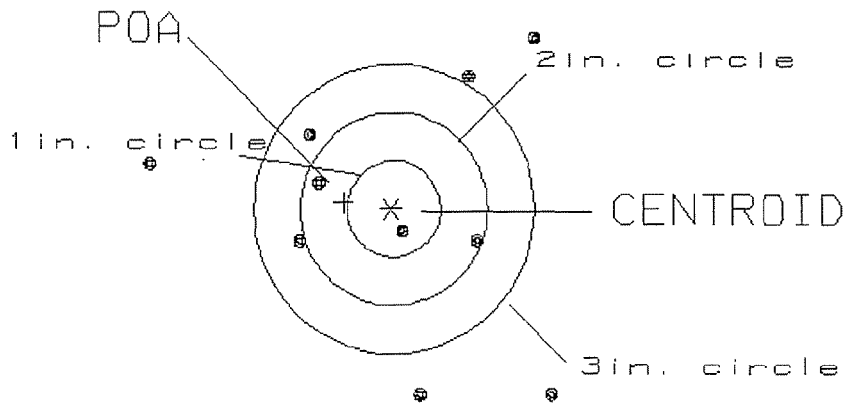
PATTERN #: 3

POA TO CENTROID: .511
 MIN RADIUS : .231
 MEAN RADIUS : 1.530
 MAX RADIUS : 2.608
 CENTROID X : .506
 CENTROID Y : -.073

4 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225116

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 4.28
 VS= 3.73
 GS= 4.90

1
 3
 5

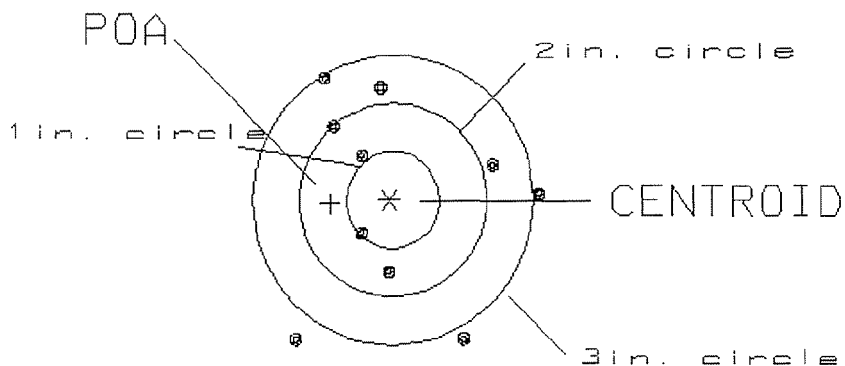
PATTERN #: 4

POA TO CENTROID: .640
 MIN RADIUS : .473
 MEAN RADIUS : 1.158
 MAX RADIUS : 1.782
 CENTROID X : .639
 CENTROID Y : .039

4 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225116

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.60

1

VS= 2.66

4

GS= 3.09

7

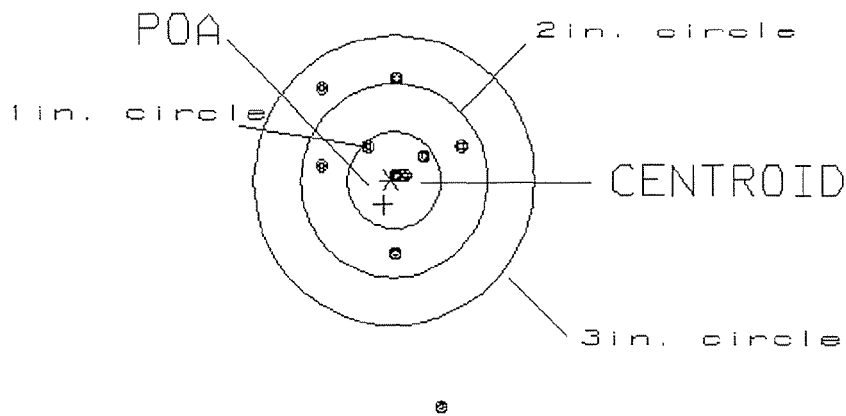
PATTERN #: 5

POA TO CENTROID: .264
 MIN RADIUS : .036
 MEAN RADIUS : .796
 MAX RADIUS : 2.426
 CENTROID X : .083
 CENTROID Y : .251

4 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225116

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 1.52
 VS= 3.40
 GS= 3.54

4
 7
 9

(PLEASE PRINT CLEARLY)

RETURN:

- ☐ Clark Street Entrance
☒ Via US Mail or UPS

FIREARMS DELIVERED TO PLANT

FILE NO 006247DATE 7/29/91OWNER'S NAME: ATTN: CPT M.K. STEPHENSON REMINGTON EMPLOYEE:OWNER'S ADDRESS: Co D 2nd BN 1st Spwr Tpk Gr YES ☐ NO ☒
ET. BRAGG, NC EMPLOYEE # _____ZIP: 28307-5000 DEPT. # _____PHONE: (919) 396-7330/3637FIREARM MODEL: 24 CHECK FOR AMMUNITIONGAUGE: 308SERIAL # 06225116

CONDITION:

W4 WOOD GOOD FAIR POOR FANCY PLAIN
 METAL GOOD FAIR POOR FANCY PLAIN
 BARREL VT. RIB PLAIN DEER RSS

ACCESSORIES:

SCOPE: YES NO (BRAND NAME/POWER) _____SLING: YES NO GUN CASE: YES NO (HARD - SOFT)

EXTRA BBL FOR GUN MENTIONED ABOVE:

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

CUSTOMER REQUEST: _____

Service AS necessarySIGNATURE: [Signature] DATE: 29 Jul 91
(Person delivering firearm to Plant)SIGNATURE: [Signature] DATE: 7/29/91
(Security Officer)SIGNATURE: [Signature] DATE: 7-29-91
(Firearm picked up by)

Arm Service Copy

RECEIVING AND ESTIMATING REPORT

COMMENTS

CUST NO: 046771 C.O.D

M-24 SNIPER

INITIAL
JJM

CUSTOMER ORDER NO.

006247

DATE RECEIVED

07/29/91

DATE OPENED

07/29/91

DATE CODE

KI 5-88

SERIAL NUMBER

C6225116

MODEL AND GRADE

700 7.62

NATO

ORDER

R 91-14527

ACCESSORIES

W/STUDS

SCOPE BASE

FROM:

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

NC 28307

SHIP TO:

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

NC 28307

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

CLEAN/TEST

PROM. DATE

ESTIMATED

VIA

DOOR

REPAIR CHARGE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

GUN CONDITION:

☐ NEW

☐ SLIGHTLY WORN

☒ VERY WORN

☐ MISUSED

☐ MARRED

CUSTOMER'S REQUEST

1) NEW BARREL

2) RE-DOWN CON TIGGER GUNAS ASSY

3) CLEAN FIRE CONTROL

MAIN FAULT

PARTS

REPAIRMAN

RW

PROOF

✓

CLEAN

AC

TEST

AC

TARGET

AC

PATTERN

GALLERY TESTER

AC

DATE

7/29/91

DATE

Sept 24

DATE

Sept 24

DATE

Sept 24

DATE

OFFICE COPY

RD6925 REV. 7/90

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400164054

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225116

OPERATION		DATE	INT
#	NAME		
575-580	ASSEMBLY	1/22	FB
600	PROOF	1/28/88	AW
615	MAGNAFLUX BARREL	2/15/88	R/C
	MAGNAFLUX BOLT	5/13/88	P/C
620	COATING	8/11/88	TJA
625-630	FINAL ASSEMBLY		
635	TEST		
640	TARGET		
	FIRING PIN INDENT		
660	PACK		

SCOPE #
1216

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225116

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

OVER

OP.#		READINGS	DATE	INITIAL
625 cont.	D) Oil Firing Pin Ass'y		9/9/88	RW
	E) Adjust Trigger Pull to Min. Setting and Stake		9 Sept 88	J.H. + J.S.
	F) Safety on Force	6 6 6	9 Sept 88	J.H. + J.S.
	G) Safety off Force	3 3 3	9 Sept 88	J.H. + J.S.
	H) Trigger Pull Test & Retainability		9 Sept 88	J.H. + J.S.
	I) Firing Pin Indent	.021 .021 .021	9 Sept 88	J.H. + J.S.
	J) Assemble Stock		9/15/88	RW
	K) Assemble Swivel Studs		10-7-88	J.S.
	L) Attach Front & Rear Sight Assemblies		9/15/88	RW
	M) Iron Sight Alignment		9/15/88	RW
	N) Detach Front & Rear Sights & place in numbered container		9/15/88	RW
	O) Attach Scope to Rifle		10/5/88	RW
	P) Detach & Attach Scope 20 times		10/5/88	J.S.
640	Gallery Target & Test	59 R 96 L	10/6/88	J.E.S.
	A) Optical Clarity of Scope		10/6/88	W.B.
645	Inspect for Live Ammo		10/6/88	W.B.
655	Final Inspection			
	A) Headspace		10-7-88	J.S.
	B) Trigger Pull		10-7-88	J.S.
	C) Function		10-7-88	J.S.
660	Pack	OK	10/20/88	W.B.

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6225116

DATE 9 Sept. 88

TESTER J. G. + G. S.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.69	2.48	2.67	2.63	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.58	2.54	2.68	2.55	
PULL #3	2.42	2.51	2.72	2.62	
PULL #4	2.67	2.53	2.72	2.62	
PULL #5	2.67	2.52	2.73	2.62	
TOTAL	13.03	12.58	13.52	13.04	
AVG.	2.606	2.516	2.704	2.608	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.15	3.10		
PULL #2	3.16	3.16		
PULL #3	3.13	3.13		
PULL #4	3.11	3.15		
PULL #5	3.10	3.12		
TOTAL	15.65	15.66		
AVG.	3.13	3.132		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.27	4.17		4.18
PULL #2	4.20	4.21		4.16
PULL #3	4.17	4.18		4.20
PULL #4	4.17	4.20		4.26
PULL #5	4.20	4.23		4.27
TOTAL	21.01	20.99		21.07
AVG.	4.202	4.198		4.214

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225116

CENTROIDAL DISTANCES

0 TO	1	.554193
1 TO	2	1.49568
1 TO	3	1.10168
1 TO	4	1.78931
1 TO	5	.673294

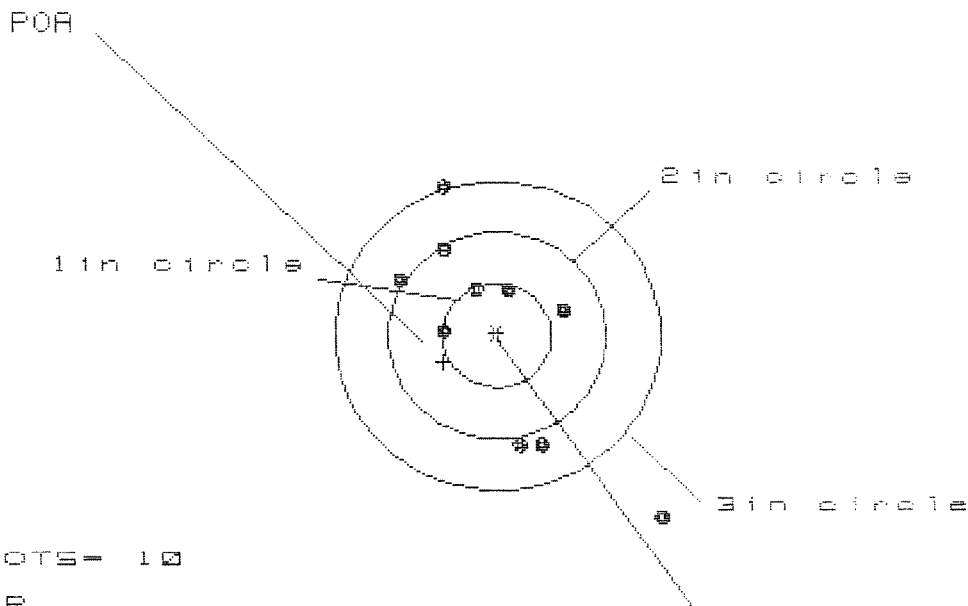
+ 1
5
3
4 2 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3532
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.7126
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .795329
THE AMR FOR THIS RIFLE IS: 1.079

7 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08225116

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1in = 2

2in = 5

3in = 9

HM = 2.411

VS = 3.127

GS = 3.724

CENTROID *

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.489	.740	.694
MINIMUM X	:	-.922	-.757	-.803
MAXIMUM Y	:	1.399	1.208	.787
MINIMUM Y	:	-1.728	-1.287	-1.136
CENTROID X	:	.491	.326	.372
CENTROID Y	:	.257	.448	.297
POA TO CENTROID in.	:	.554	.554	.476
MIN RADIUS	:	.421	.218	.373
MEAN RADIUS	:	1.010	.803	.770
MAX RADIUS	:	2.280	1.393	1.236
HORIZONTAL SPREAD	:	2.411	1.497	1.497
VERTICAL SPREAD	:	3.127	2.495	1.924
EXTREME SPREAD	:	3.724	2.652	2.120
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

7 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225116

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS= 10

IN CIR

1 in = 1

2 in = 5

3 in = 6

HS= 3.519

VS= 2.677

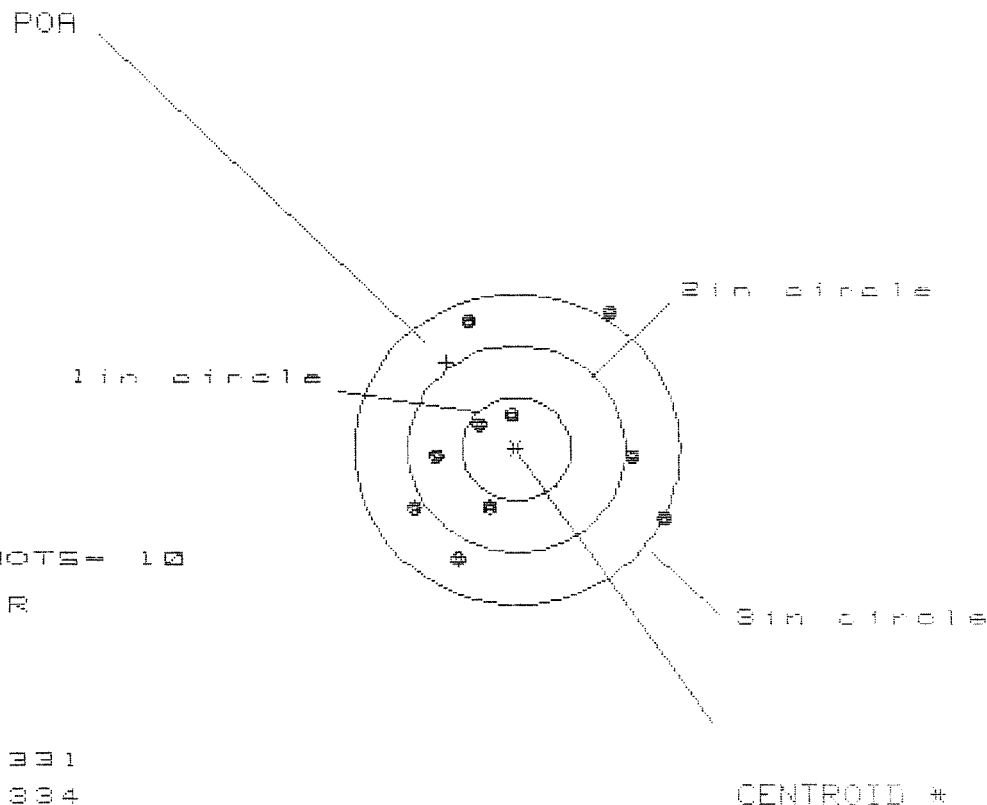
GS= 4.111

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.921	1.743	1.661
MINIMUM X	:	-1.598	-1.337	-1.119
MAXIMUM Y	:	1.665	1.087	1.031
MINIMUM Y	:	-1.012	-.827	-.691
CENTROID X	:	.275	.453	.235
CENTROID Y	:	-1.223	-1.408	-1.544
POA TO CENTROID in.	:	1.254	1.479	1.562
MIN RADIUS	:	.371	.129	.243
MEAN RADIUS	:	1.253	1.129	.965
MAX RADIUS	:	2.308	2.054	1.756
HORIZONTAL SPREAD	:	3.519	3.080	2.780
VERTICAL SPREAD	:	2.677	1.914	1.722
EXTREME SPREAD	:	4.111	3.443	2.792
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		6	

7 Oct 1986

FILE:/PATTERNING/CENTERFIRE_PATT/C8225116

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS= 2.331

VS= 2.334

GS= 2.729

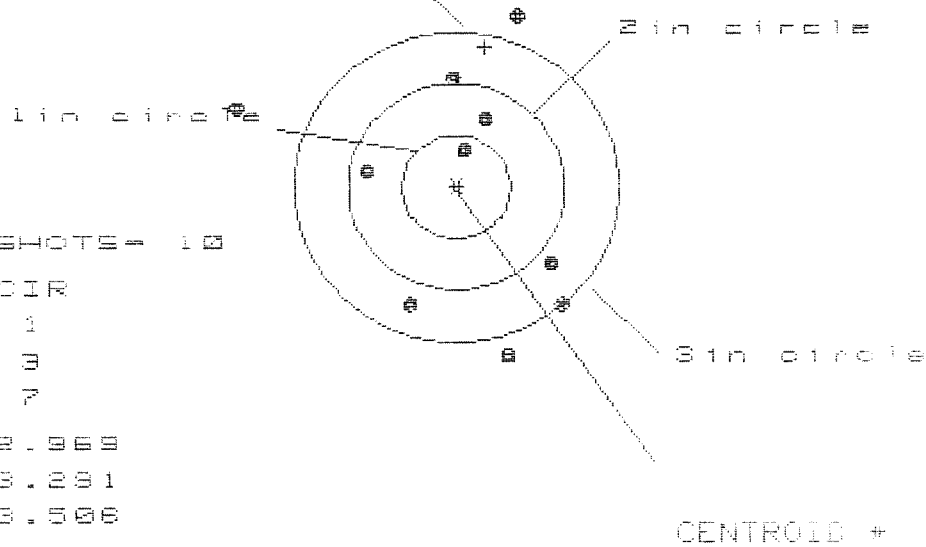
PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.369	1.467	1.345
MINIMUM X	-.962	-.864	-.681
MAXIMUM Y	1.284	1.357	1.291
MINIMUM Y	-1.050	-.908	-.974
CENTROID X	.644	.546	.363
CENTROID Y	-.834	-.976	-.910
POA TO CENTROID in.	1.054	1.119	.980
MIN RADIUS	.331	.401	.276
MEAN RADIUS	.979	.894	.770
MAX RADIUS	1.559	1.559	1.346
HORIZONTAL SPREAD	2.331	2.331	2.026
VERTICAL SPREAD	2.334	2.265	2.265
EXTREME SPREAD	2.729	2.615	2.257
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	4	
NUMBER IN THREE INCH CIRCLE	=	8	

7 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225116

CENTERFIRE PATTERNS # 4

POA



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 3

3 in = 7

HS = 2.969

VS = 3.291

GS = 3.506

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.985	.764	.796
MINIMUM X	:	-1.984	-1.004	-.972
MAXIMUM Y	:	1.632	1.717	1.521
MINIMUM Y	:	-1.659	-1.574	-1.226
CENTROID X	:	-.273	-.052	-.084
CENTROID Y	:	-1.361	-1.446	-1.250
POA TO CENTROID in.	:	1.388	1.447	1.252
MIN RADIUS	:	.393	.473	.275
MEAN RADIUS	:	1.236	1.131	1.032
MAX RADIUS	:	2.129	1.749	1.563
HORIZONTAL SPREAD	:	2.969	1.768	1.768
VERTICAL SPREAD	:	3.291	3.291	2.746
EXTREME SPREAD	:	3.506	3.292	2.926
NUMBER IN ONE INCH CIRCLE =	:	1		
NUMBER IN TWO INCH CIRCLE =	:	3		
NUMBER IN THREE INCH CIRCLE =	:	7		

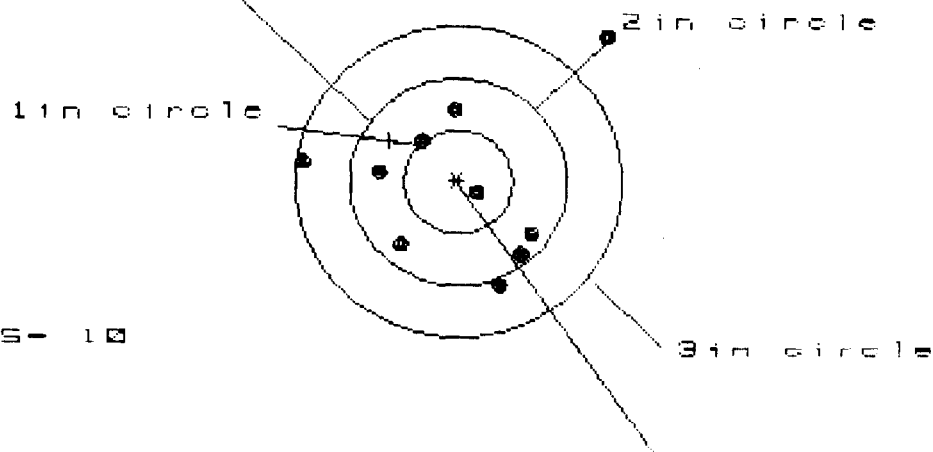
7 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225116

CENTERFIRE PATTERNS

5

POA



* OF SHOTS- 10

IN CIR

1in = 1

2in = 7

3in = 9

HS= 2.885

VS= 2.377

GS= 3.147

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.408	.785	.620
MINIMUM X	:	-1.477	-1.321	-.736
MAXIMUM Y	:	1.425	.871	.912
MINIMUM Y	:	-.952	-.794	-.753
CENTROID X	:	.629	.473	.638
CENTROID Y	:	-.402	-.560	-.601
POA TO CENTROID in.	:	.747	.733	.876
MIN RADIUS	:	.216	.358	.215
MEAN RADIUS	:	.919	.789	.695
MAX RADIUS	:	2.003	1.361	.913
HORIZONTAL SPREAD	:	2.885	2.106	1.356
VERTICAL SPREAD	:	2.377	1.665	1.665
EXTREME SPREAD	:	3.147	2.220	1.705
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			7	
NUMBER IN THREE INCH CIRCLE =			9	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6225116

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		JUL 29 1991	rw
600	Proof		JUL 29 1991	rw
607	Check Headspace		JUL 29 1991	rw
610	Dis-assemble Gun		JUL 29 1991	rw
612	Magnaflux Barrel Action		JUL 30 1991	KCR
	Magnaflux Bolt		JUL 30 1991	KCR
615	Rollmark Caliber		JUL 30 1991	CS
617	Drill and Tap Sight Holes		JUL 30 1991	LB
618	Polish Barrel		JUL 31 1991	WB
620	Apply Coatings (Barrel Action)		AUG 1 1991	TJA
	Apply Coating (Bolt)		AUG 1 1991	TJA
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			

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						9-25-91	D/H
	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						9-24-91	D/H
	A) Time						9-24-91	D/H
	B) Malfunctions						9-24-91	D/H
	C) Pierced Primers						9-24-91	D/H
	D) Optical Clarity of Scope						9-24-91	D/H
645	Inspect for Live Ammo						9-24-91	D/H
655	Final Inspection						9-25-91	D/H
	A) Headspace							
	B) Trigger Pull	2.57	2.51	2.66	2.54	2.65	9-24-91	
	C) Function						9-25-91	D/H
660	Pack						9/25/91	WB