

G 6590061
Replaces
C-6225116

Repair Number: RE00113028	Serial: C6225Tr6 Model/M24 SW'S 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																		
FFL: 																				
Contact / Condition Problems Estimate History / Status Shipping / Billing																				
Contact Information Phone: NA Fax: Email: Comments: 		Received Condition Fair Condition Notes: CSR Notes: 		Accessories Received <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Code</th> <th style="width: 70%;">Desc</th> <th style="width: 20%;">Qty</th> </tr> </thead> <tbody> <tr> <td>A007</td> <td>With Stud</td> <td style="text-align: center;">3</td> </tr> <tr> <td>A010</td> <td>Hard Case</td> <td style="text-align: center;">1</td> </tr> <tr> <td>A017</td> <td>Scope Base</td> <td style="text-align: center;">1</td> </tr> <tr> <td>A057</td> <td>Fit and Rear Sgt Base</td> <td style="text-align: center;">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																		
Repair Search 		Refresh Close 																		
maglel		5/31/2006		10:30 AM		CAPS		NUM		INS		SCRI								

2 Micros...
2 Micros...
3 Intern...
Arms Ser...
Part Sear...

10:30 AM

G 6590061

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

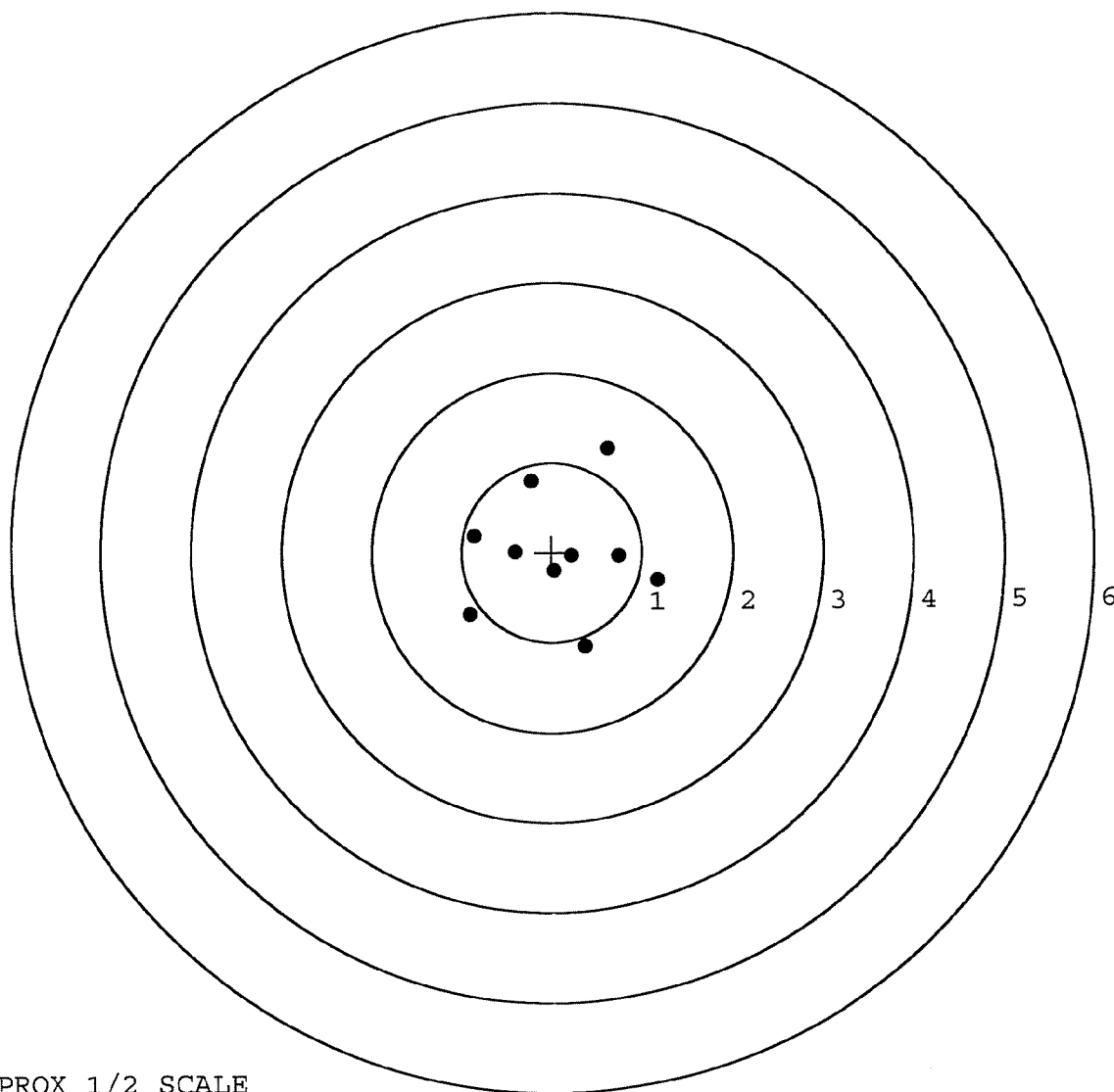
MEAN RADIUS: 0.802

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

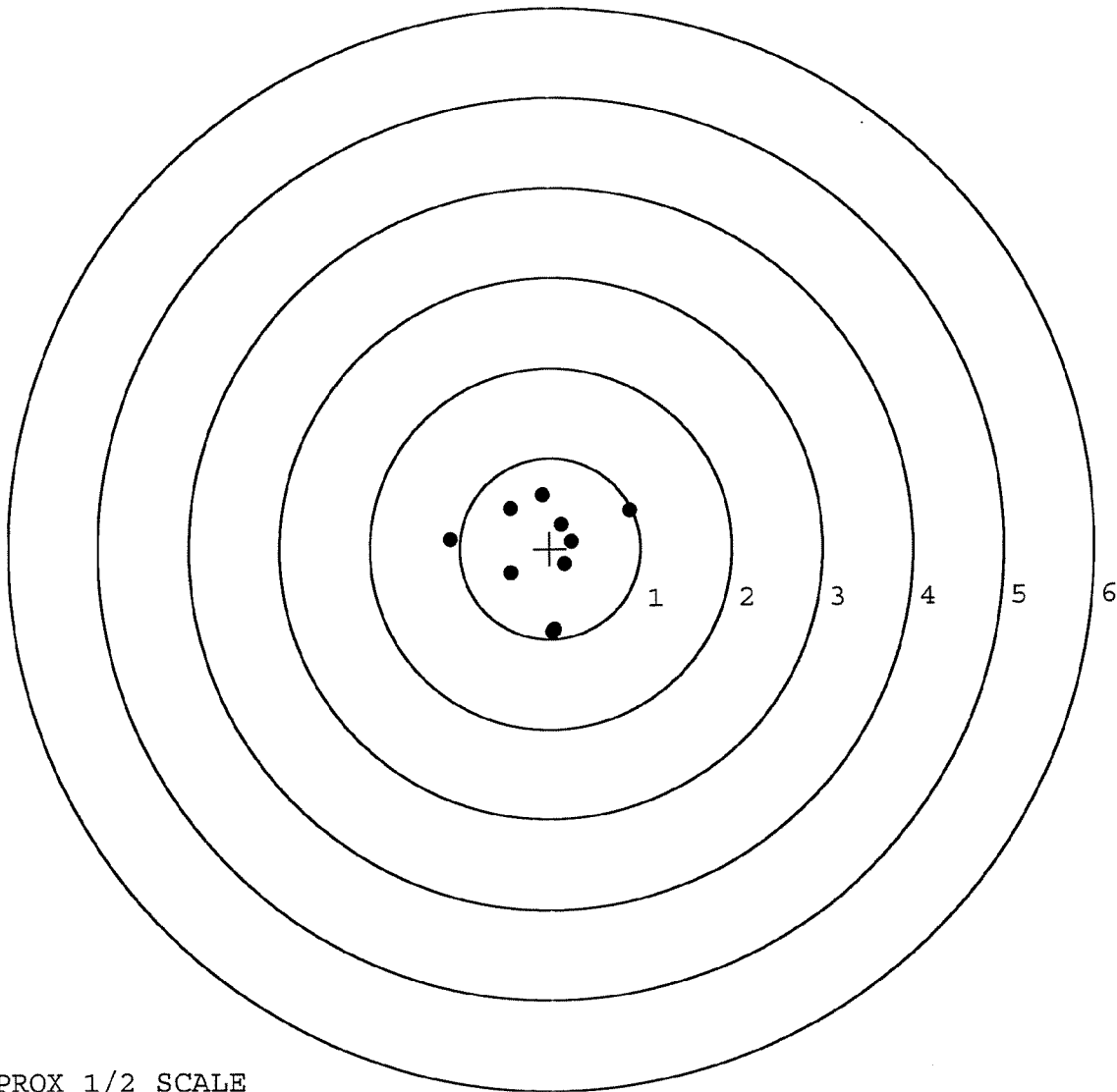


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590061. __ 0
 TARGET NUMBER: 2
 FILE DATE: 07/11/2006
 FILE TIME: 17:44

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

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



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

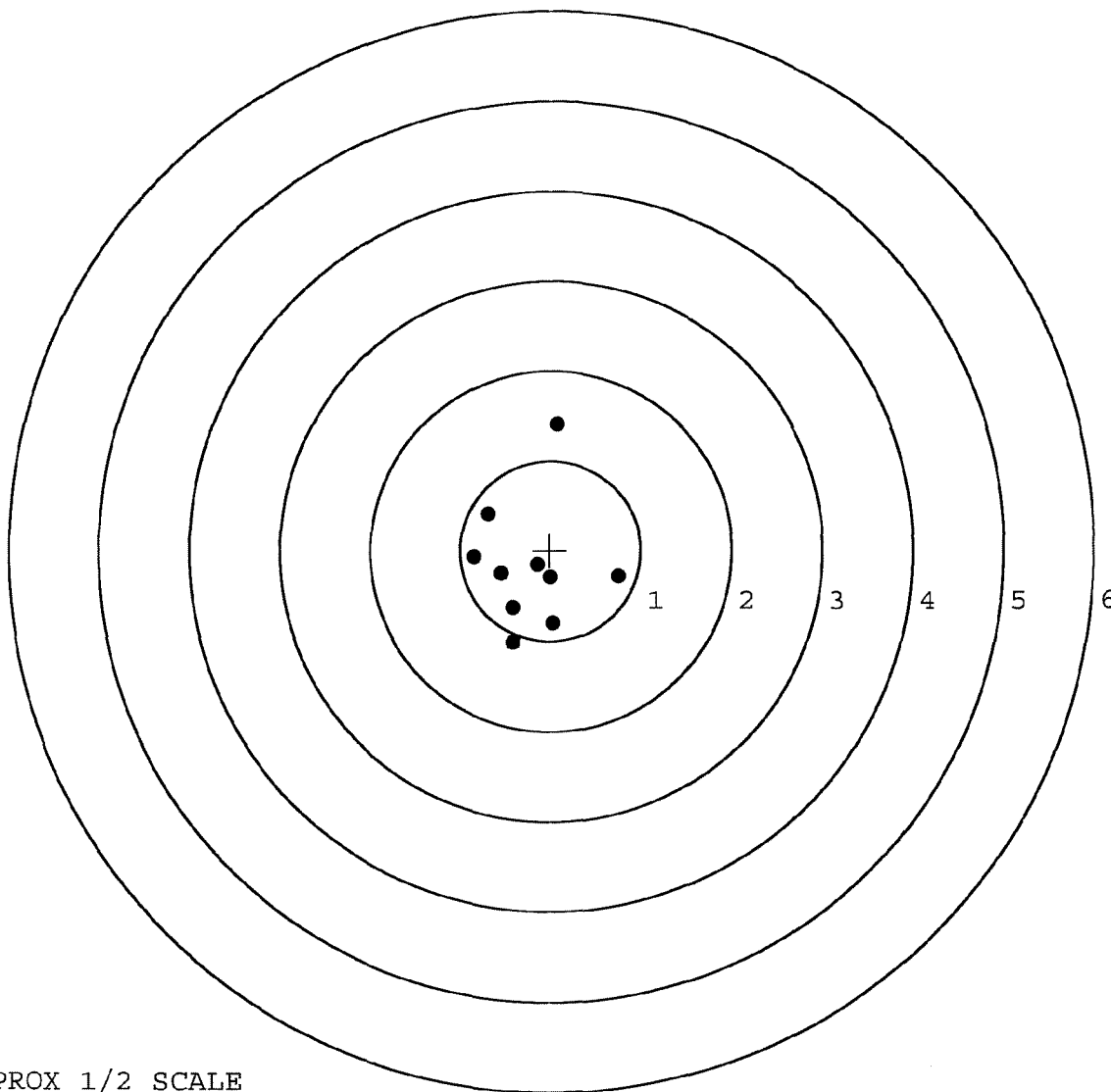
MAX RADIUS: 1.601

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

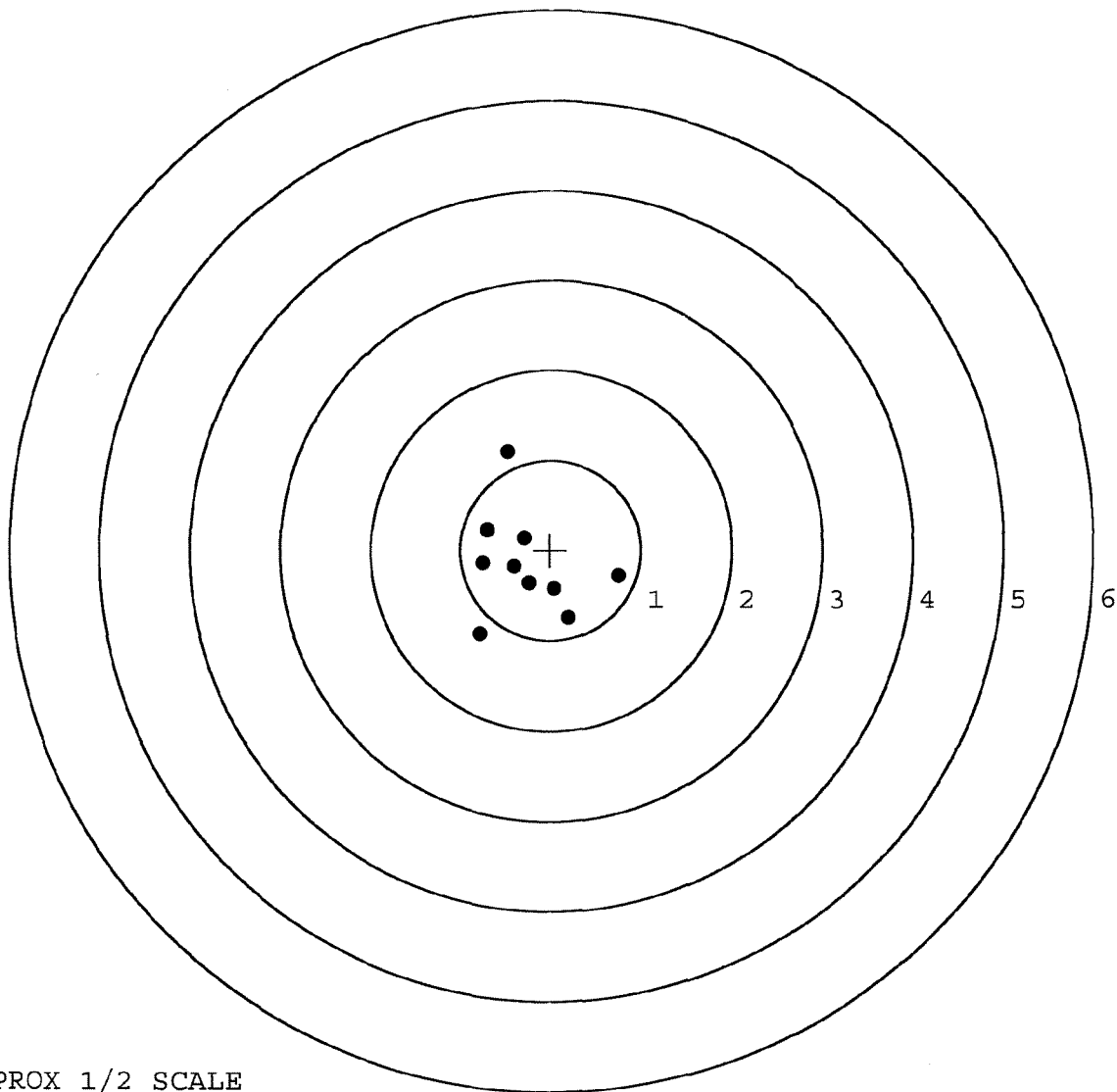
MAX RADIUS: 1.281

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

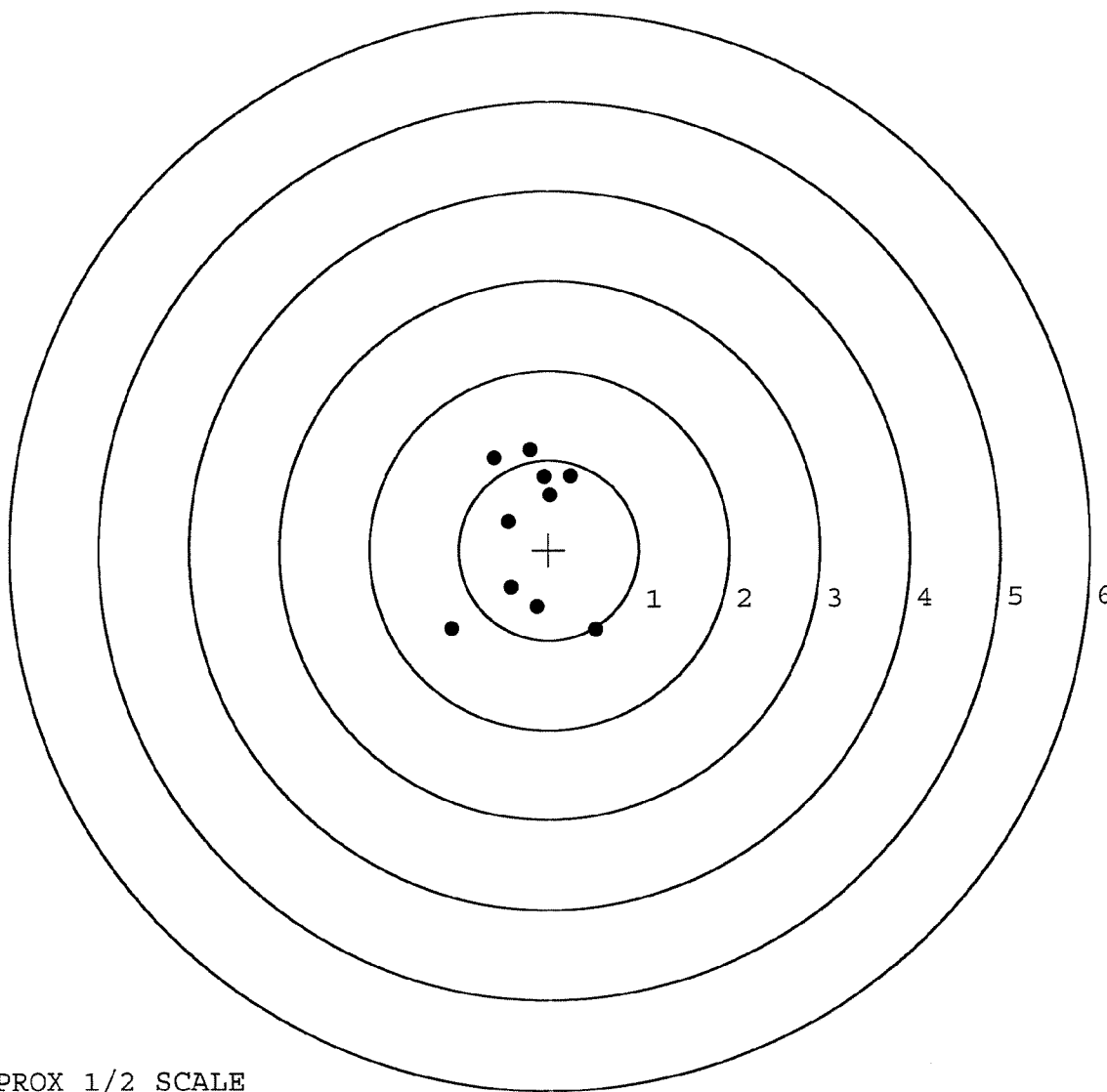
MAX RADIUS: 1.369

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	PASS FAIL	7-11-06	nom
650	TARGET	PASS FAIL	7-11-06	nom
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		7-13-06	AC
	A) HEADSPACE	PASS FAIL	7-13-06	AC
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.85 2.80 2.90 2.85 2.85 7-12-06	DA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	5.2 5.2 5.2 7-12-06	DA
	G) SAFETY OFF FORCE	2 LBS MIN	2.2 2.5 2.5 7-12-06	DA
	I) FIRING PIN INDENT	.020	.023 .0225 .0225 7-12-06	DA
690	PACK		8-3-06	DA

RECEIVED
BARBER M24 0163998

INSPECTION AND ESTIMATING REPORT

COMMENTS

ORDER

R 97-01367

INITIAL

CUSTOMER ORDER NO.

SNIPER M-24

LJM

011782

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

01/17/97

01/17/97

QL 7-91

C6225116

700 7.62

NATO

ACCESSORIES

W/STUDS

SCOPE BASE

FROM:

SHIP TO:

DEPT OF THE ARMY
D CO 2ND BN 1ST SWTG (A)
FT BRAGG NC 28307DEPT OF THE ARMY
D CO 2ND BN 1ST SWTG (A)
FT BRAGG NC
28307

CUST NO: 135960 C.D.D.L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

FROM DATE

ESTIMATED

VIA

DOOR

GUN CONDITION

- ☐ NEW
☐ LIGHTLY WORN
☐ WORN
☐ VERY WORN
☐ UNREPAIRABLE
☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY		B4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			
MAIN FAULT						

W52 H097063 AS45

PARTS

COMMENTS

✓ Barrel - 96003
✓ Stock - 96018
✓ Front Sight Base - 96118

Repowder Coat - Trigger Guard
Assy'd Rear Sight Base
Recline - Scope Base

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

2/27/97

2/29/97

OFFICE COPY

RD6925 REV. 11/96

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0163998 64037

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 011782

DATE 1/16/97

CUSTOMER NAME: FT BRAGG N.C.

ADDRESS: D-2-157 SWTG (A)

ZIP: 28307

PHONE: 910-432-9771

FIREARM MODEL: M. 24

REMINGTON EMPLOYEE:

YES ☐ NO ☒

EMPLOYEE # _____

DEPT. # _____

GAUGE: _____

CHECK FOR AMMUNITION

SERIAL # 6225116

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 MARTIN

SIGNATURE: [Signature]
(Person delivering firearm to Plant)

DATE: 16 JAN 97

SIGNATURE: [Signature]
(Security Officer)

DATE: 1/16/97

SIGNATURE: [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 Rv2/27/97 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

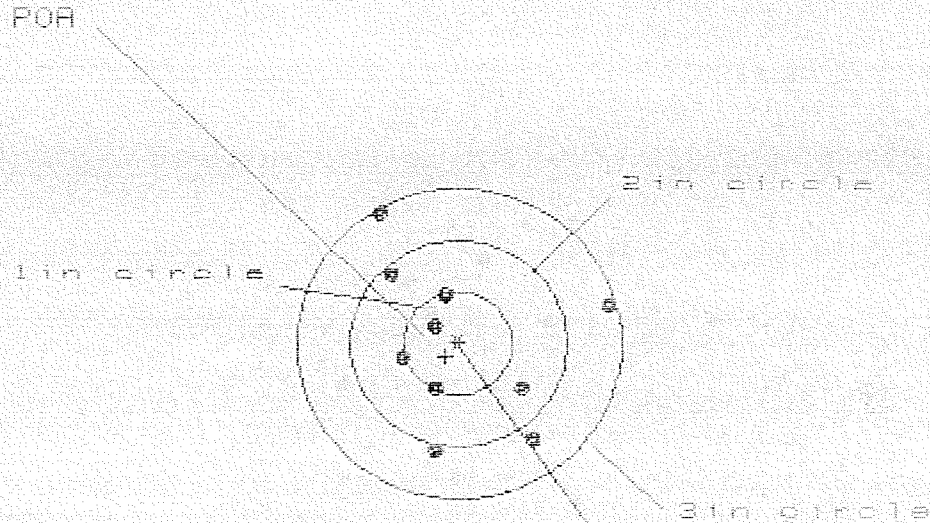
-----POR

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 AMP 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	2	3
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 #

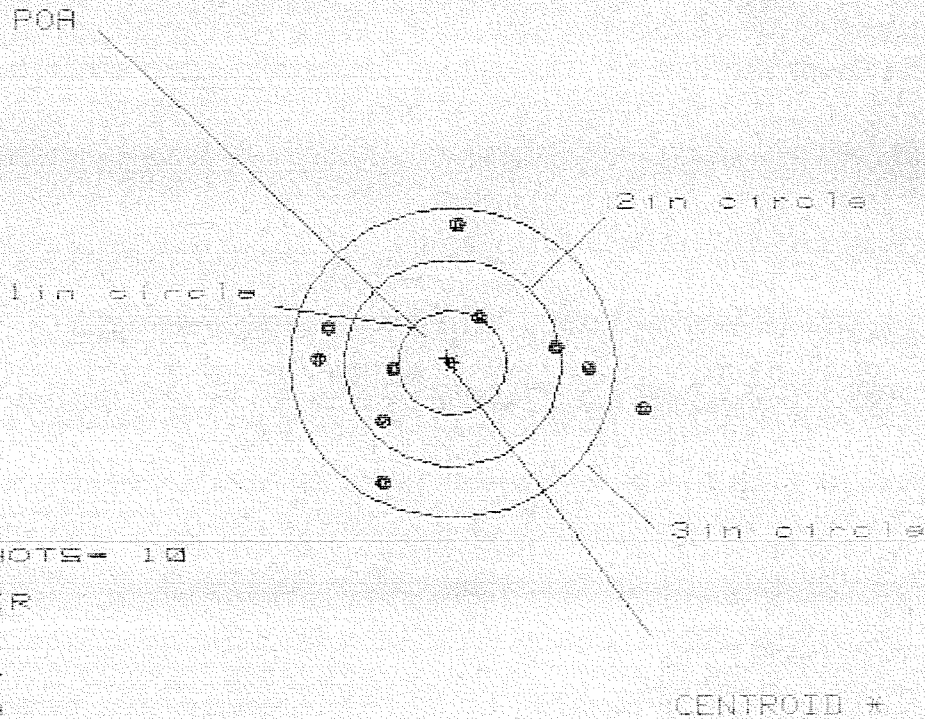
2

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	1.043	.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

1 in = 1

2 in = 4

3 in = 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

POR

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 1.846

VS= 3.159

GS= 3.255

CENTROID *

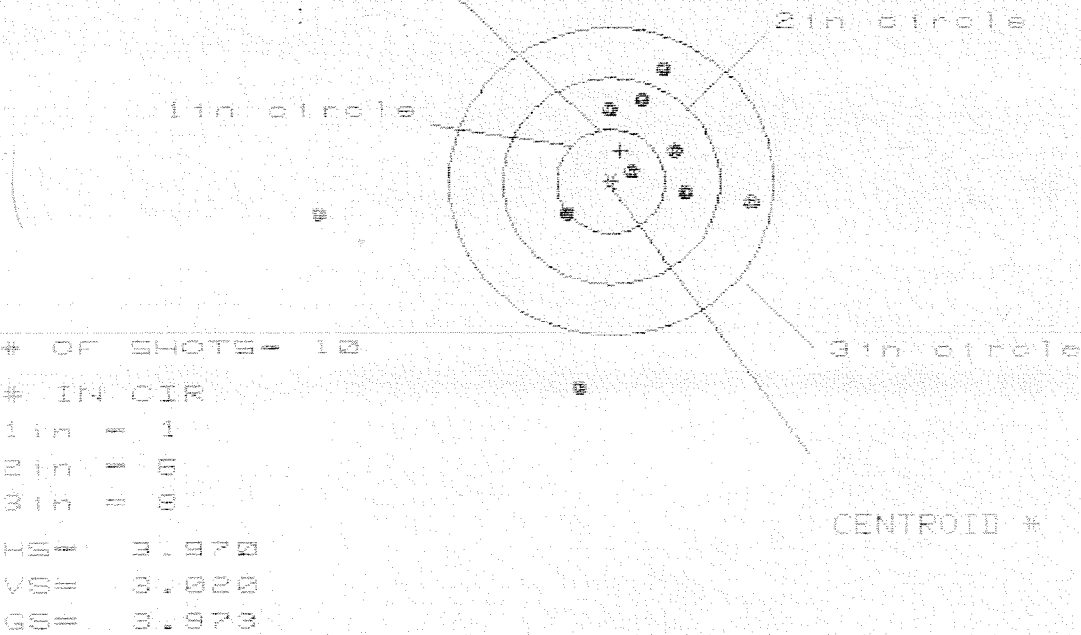
PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.773	.702	.712
MINIMUM X	-1.073	-1.144	-1.133
MAXIMUM Y	1.581	1.405	.782
MINIMUM Y	-1.578	-1.212	-1.036
CENTROID X	-.067	.004	-.006
CENTROID Y	-.624	-.443	-.624
POR TO CENTROID IN.	.627	.443	.624
MIN RADIUS	.275	.200	.220
MEAN RADIUS	.968	.854	.790
MAX 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/06225116

CENTERFIRE PATTERNS # 5

POB



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 =		8	

BARBER - M24 0164008

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

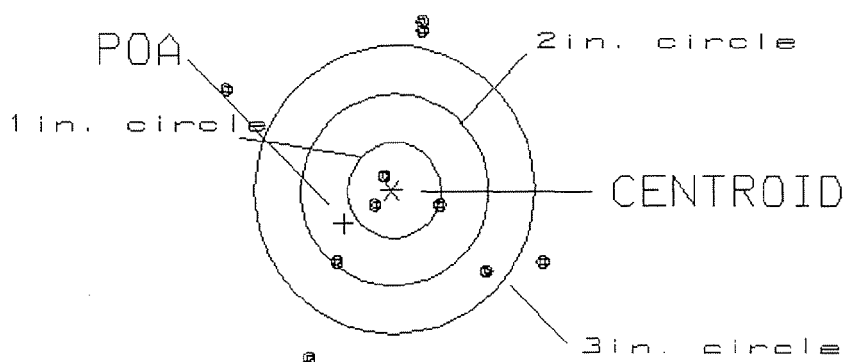
$\frac{2}{5}$ 1
+ $\frac{3}{4}$ ---POA

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
 VS= 3.45
 GS= 3.87

2
 3
 5

REMINGTON CENTERFIRE ACCURACY TEST

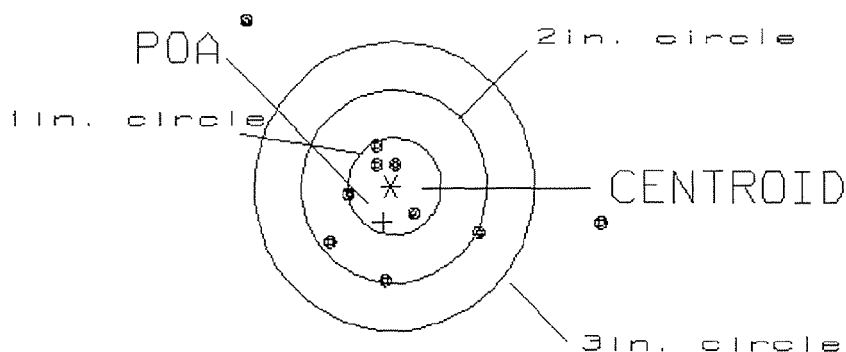
REMINGTON TEST LAB, ILION, N.Y.

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

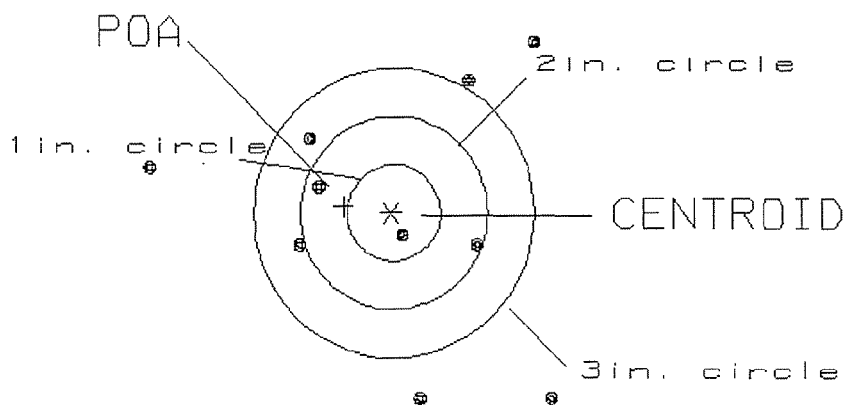
PATTERN #: 3

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

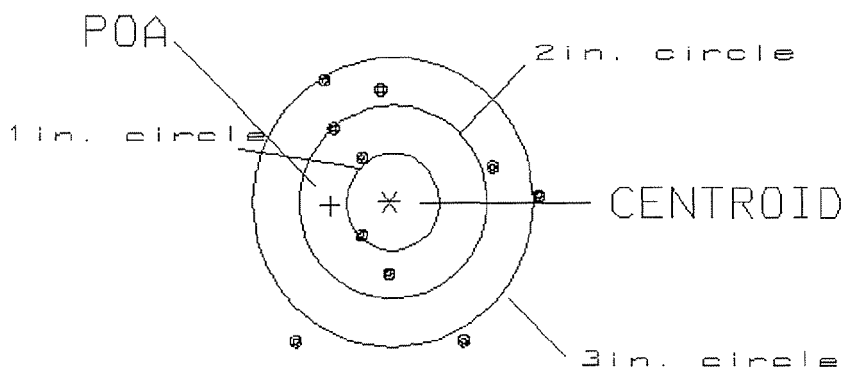
PATTERN #: 4

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:/Hqbasic/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

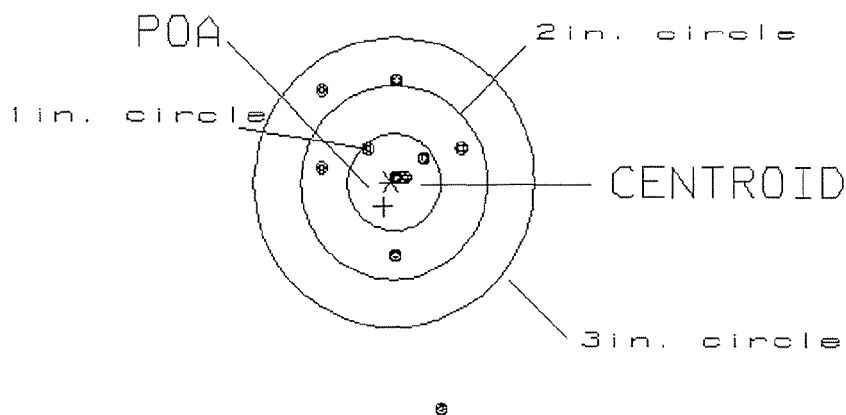
PATTERN #: 5

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 PLANTFILE NO 006247DATE 7/29/91OWNER'S NAME: U.S. ARMY ATTN: CPT M.K. STEPHENSON REMINGTON EMPLOYEE:OWNER'S ADDRESS: Co D 2nd BN 1st Spwr Tpk Gr YES ☐ NO ☒FT. BRAGG, NC

EMPLOYEE # _____

DEPT. # _____

ZIP: 28307-5000PHONE: (919) 396-7330/3637

FIREARM

MODEL: 24

CHECK FOR AMMUNITION

GAUGE: 308SERIAL # 06225116

CONDITION:

<u>W4</u> WOOD	GOOD	FAIR	POOR	FANCY	PLAIN
METAL	GOOD	<u>FAIR</u>	POOR	FANCY	PLAIN
BARREL	VT. RIB	<u>PLAIN</u>	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]
(Person delivering firearm to Plant)DATE: 29 Jul 91SIGNATURE: [Signature]
(Security Officer)DATE: 7/29/91SIGNATURE: [Signature]
(Firearm picked up by)DATE: 7-29-91

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 CONT TRIGGER 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

BARBER - M24 0164054

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	R/C
620	COATING	8/11/88	TJA
625-630	FINAL ASSEMBLY		
635	TEST		
640	TARGET		
	FIRING PIN INDENT		
660	PACK		

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	JS
	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	JS
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	JS
	B) Trigger Pull		10-7-88	JS
	C) Function		10-7-88	JS
660	Pack	OK	10/20/88	W.B.

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6225116DATE 9 Sept. 88TESTER 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

```

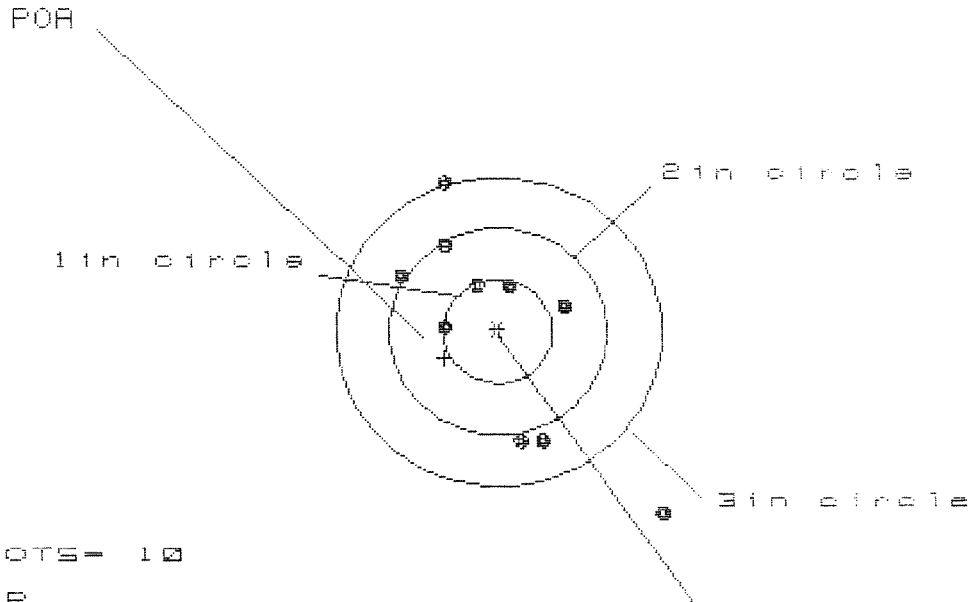
      1
      +  <----POB
      5
      2
      4
  
```

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

VM = 3.127

GM = 3.724

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

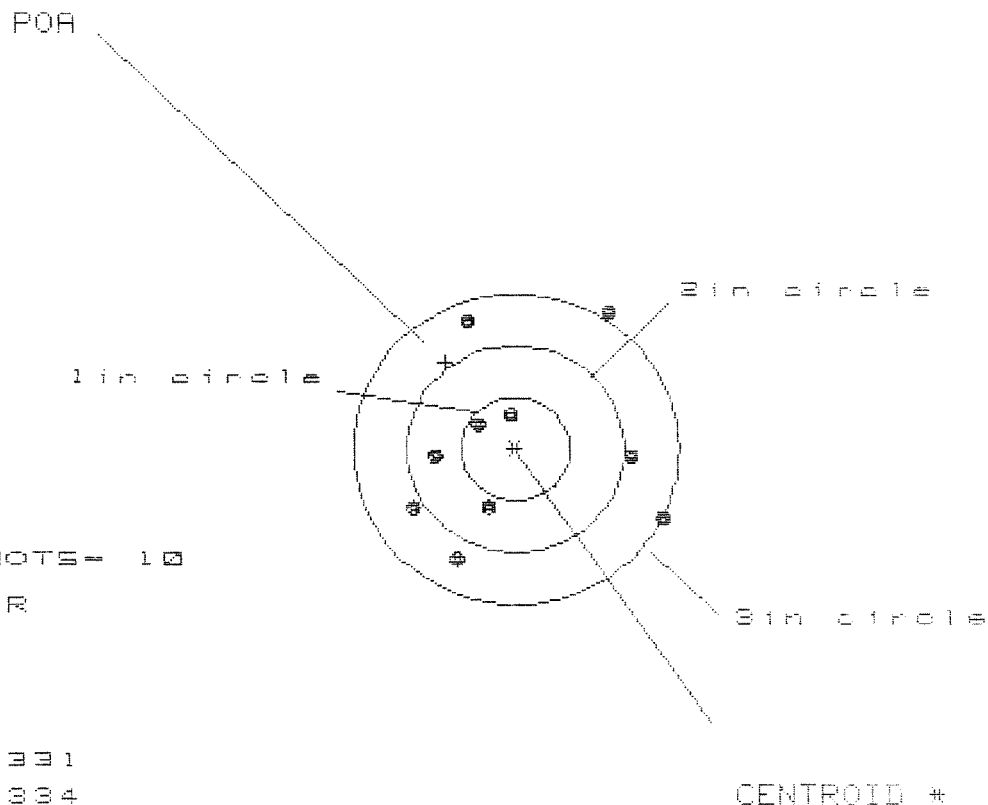
GS= 4.111

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/08225116

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	3	3
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	

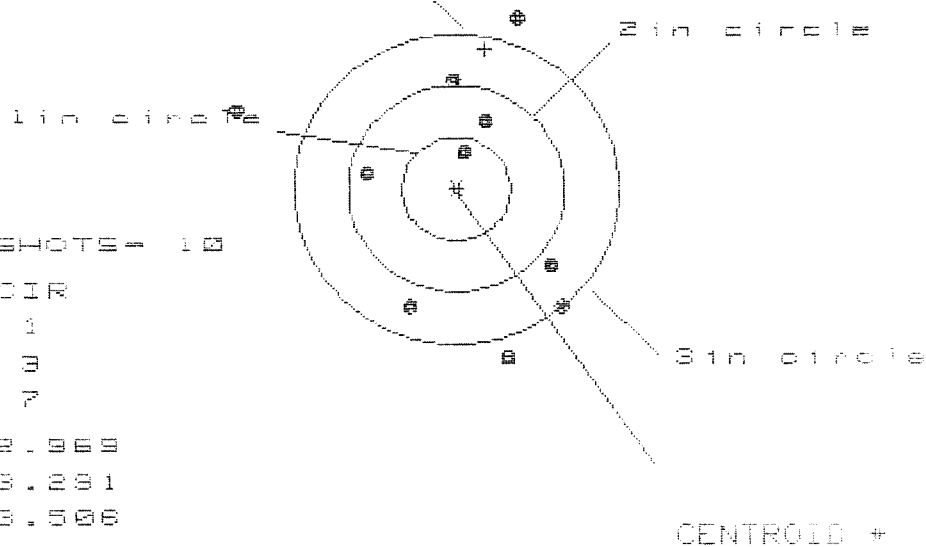
7 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225116

CENTERFIRE PATTERNS

4

POA



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		

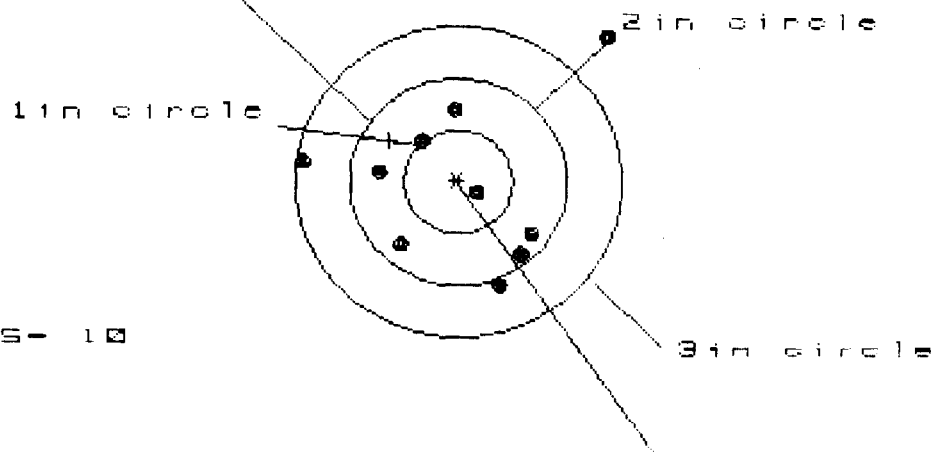
7 Oct 1988

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
MAXIMUM X	1.408
MINIMUM X	-1.477
MAXIMUM Y	1.425
MINIMUM Y	-.952
CENTROID X	.629
CENTROID Y	-.402
POA TO CENTROID in.	.747
MIN RADIUS	.216
MEAN RADIUS	.919
MAX RADIUS	2.003
HORIZONTAL SPREAD	2.885
VERTICAL SPREAD	2.377
EXTREME SPREAD	3.147
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. #	BARBER - M24 0164027	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