

G 6360874
Replace
E 6374536

Repair Number: RE00085581

Serial: E6374536 Model: M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 9/28/2004 2:34:47 PM

Address Information

Customer		Received From		Return To		Received From	
Name:	C CO SPT BN 1ST SWTG A				C CO SPT BN 1ST SWTG A		
Address 1:	AHN ARMAMENT FACILITY				AHN ARMAMENT FACILITY		
Address 2:		PO Box:				PO Box:	
City:	FT BRAGG				FT BRAGG		
State:	NC	Zip Code:	28310	Country:	US	State:	NC
						Zip Code:	28310
							Country:
							US

FPL

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Studs	3
A010	Hard Case	1
A017	Scope Bases	3

Repair Search

Refresh

Close

naglej

9/28/2004

2:51 PM

CAPS

NUM

INS

ECPL

start

2

3

Arms Services

4

C 6360874 (New)

Serial Number: ~~E6374536~~

Model: M24 SWS



RE00085581

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6360874.___0
FILE DATE AND TIME: 10/20/2004 07:04

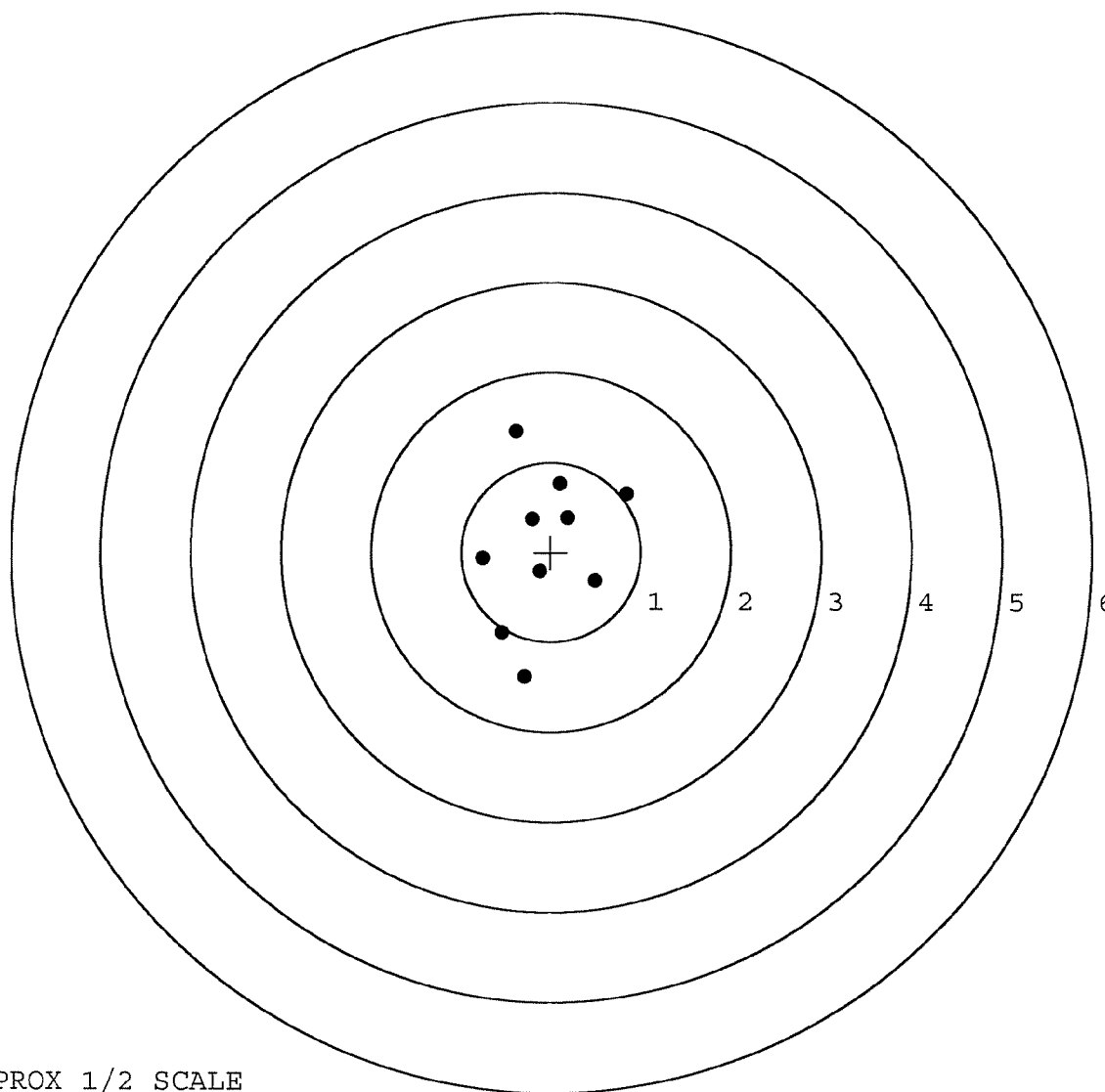
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.055
The Average Y Centroid of the Five Target Set:	0.011
The Average Point of Impact of the Five Target Set:	0.056
The Average Mean Radius of the Five Target Set:	0.927
The Distance from POA to Centroid Target #1:	0.091
The Distance from Centroid Target #2 to Centroid Target #1:	0.207
The Distance from Centroid Target #3 to Centroid Target #1:	0.121
The Distance from Centroid Target #4 to Centroid Target #1:	0.267
The Distance from Centroid Target #5 to Centroid Target #1:	0.139

SERIAL NUMBER: G6360874. __0
 TARGET NUMBER: 1
 FILE DATE: 10/20/2004
 FILE TIME: 07:04

POINT#	X	Y
1:	-0.289	-1.398
2:	-0.545	-0.902
3:	0.494	-0.326
4:	-0.122	-0.218
5:	-0.764	-0.069
6:	-0.213	0.369
7:	0.190	0.382
8:	0.845	0.648
9:	0.103	0.765
10:	-0.389	1.346

X CENTROID: -0.069
 Y CENTROID: 0.060
 POA TO CENTROID: 0.091
 HORZ SPREAD: 1.609
 VERT SPREAD: 2.744
 GROUP SPREAD: 2.746
 MIN RADIUS: 0.283
 MAX RADIUS: 1.474
 MEAN RADIUS: 0.811
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 10

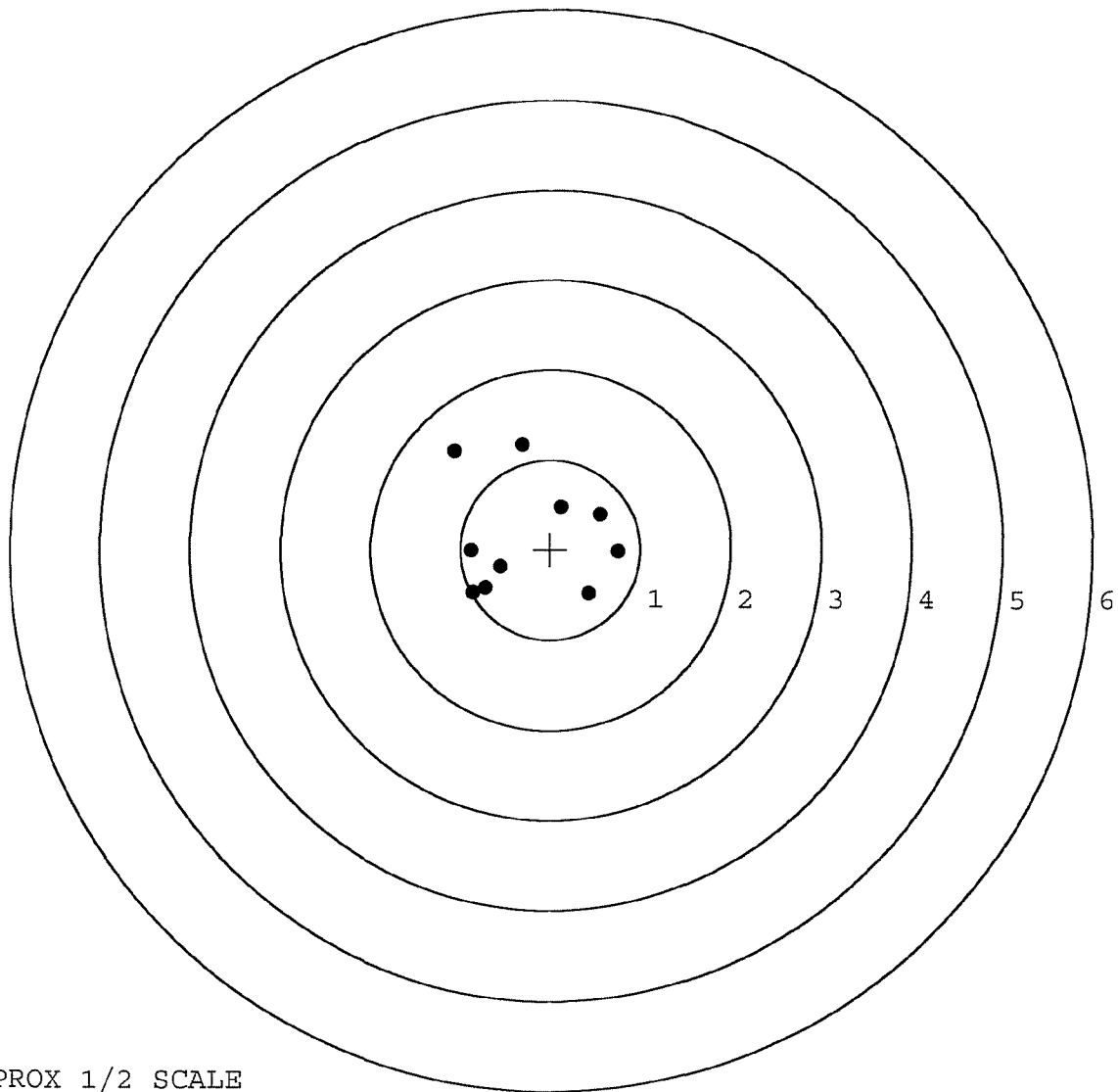


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360874. __0
 TARGET NUMBER: 2
 FILE DATE: 10/20/2004
 FILE TIME: 07:04

POINT#	X	Y
1:	0.431	-0.494
2:	0.759	-0.033
3:	0.547	0.390
4:	0.117	0.474
5:	-0.559	-0.198
6:	-0.722	-0.430
7:	-0.863	-0.483
8:	-0.881	-0.015
9:	-0.315	1.172
10:	-1.070	1.106

X CENTROID: -0.256
 Y CENTROID: 0.149
 POA TO CENTROID: 0.296
 HORZ SPREAD: 1.829
 VERT SPREAD: 1.666
 GROUP SPREAD: 2.194
 MIN RADIUS: 0.461
 MAX RADIUS: 1.257
 MEAN RADIUS: 0.831
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10

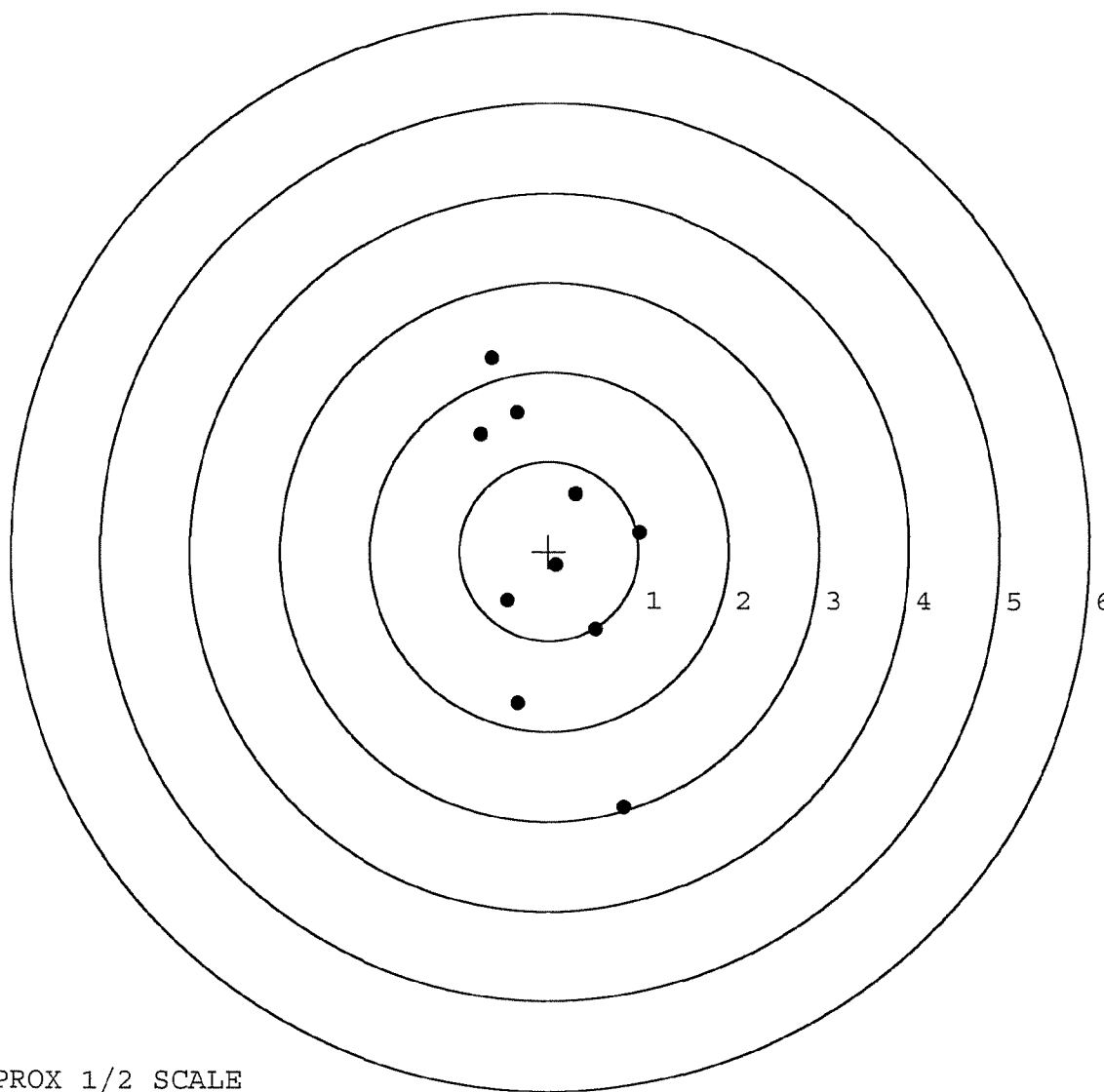


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360874. __0
 TARGET NUMBER: 3
 FILE DATE: 10/20/2004
 FILE TIME: 07:04

POINT#	X	Y
1:	0.526	-0.879
2:	-0.351	-1.699
3:	-0.466	-0.553
4:	0.080	-0.155
5:	1.007	0.213
6:	0.294	0.644
7:	-0.771	1.303
8:	-0.365	1.540
9:	-0.653	2.154
10:	0.839	-2.847

X CENTROID: 0.014
 Y CENTROID: -0.028
 POA TO CENTROID: 0.031
 HORZ SPREAD: 1.778
 VERT SPREAD: 5.001
 GROUP SPREAD: 5.219
 MIN RADIUS: 0.143
 MAX RADIUS: 2.937
 MEAN RADIUS: 1.369
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 4
 # in 3 IN DIAMETER: 5

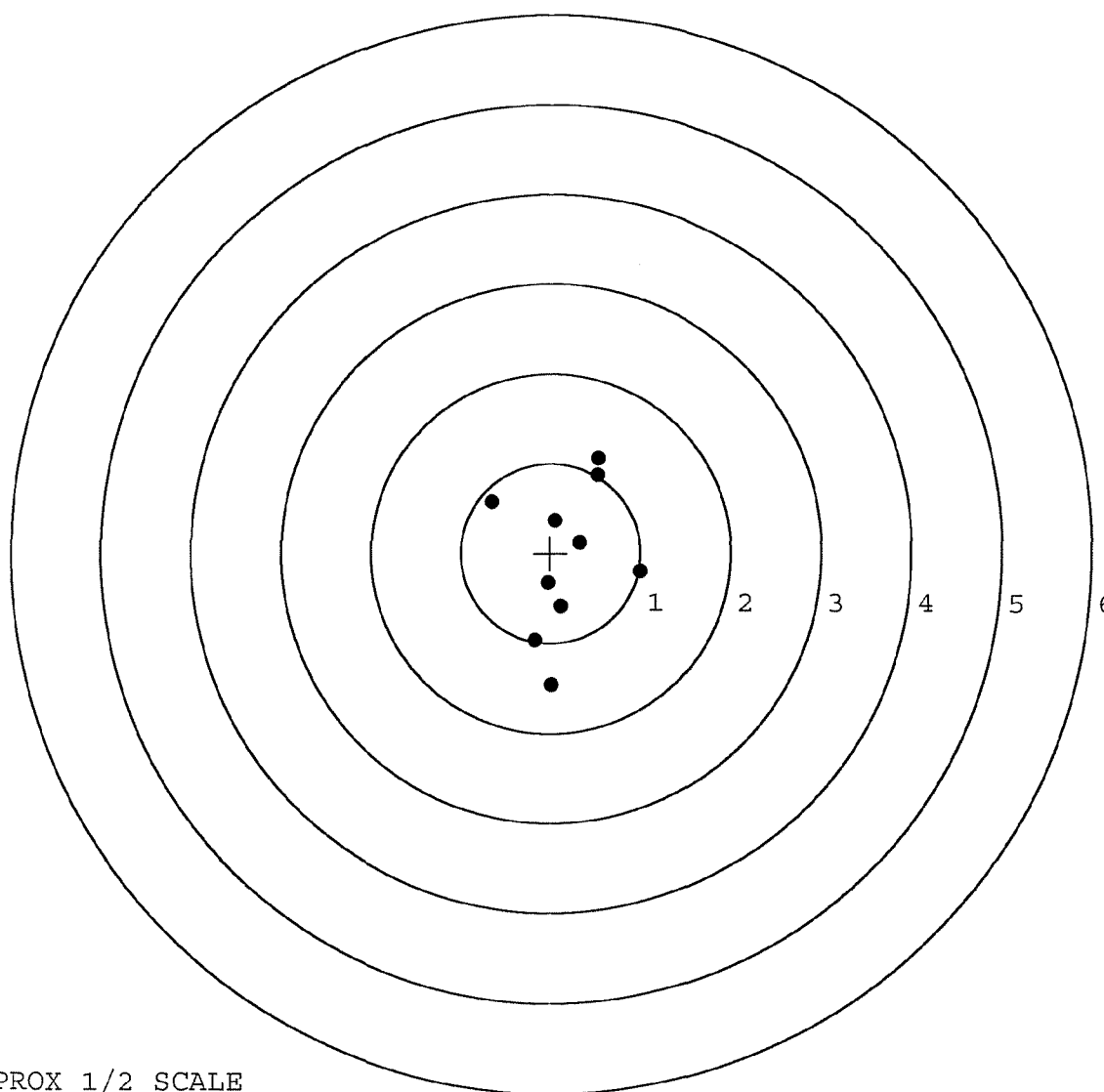


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360874. __0
 TARGET NUMBER: 4
 FILE DATE: 10/20/2004
 FILE TIME: 07:04

POINT#	X	Y
1:	0.017	-1.473
2:	-0.177	-0.977
3:	0.116	-0.594
4:	0.997	-0.211
5:	-0.033	-0.338
6:	0.327	0.117
7:	0.050	0.365
8:	0.530	0.869
9:	0.527	1.057
10:	-0.663	0.569

X CENTROID: 0.169
 Y CENTROID: -0.062
 POA TO CENTROID: 0.180
 HORZ SPREAD: 1.660
 VERT SPREAD: 2.530
 GROUP SPREAD: 2.581
 MIN RADIUS: 0.238
 MAX RADIUS: 1.420
 MEAN RADIUS: 0.801
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10

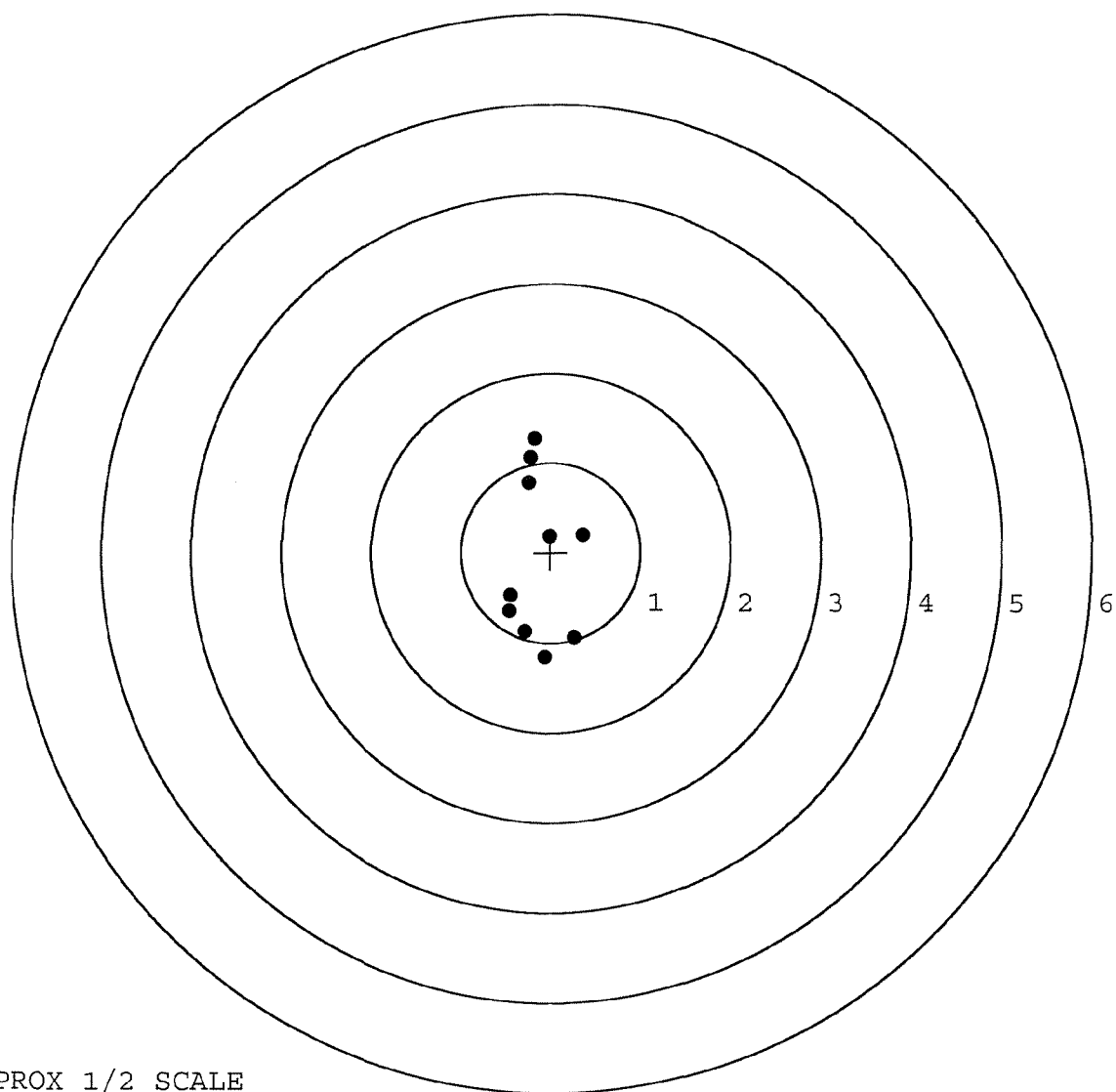


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360874. __0
 TARGET NUMBER: 5
 FILE DATE: 10/20/2004
 FILE TIME: 07:04

POINT#	X	Y
1:	0.262	-0.951
2:	-0.072	-1.162
3:	-0.287	-0.879
4:	-0.448	-0.478
5:	-0.464	-0.647
6:	0.355	0.190
7:	-0.011	0.180
8:	-0.250	0.779
9:	-0.225	1.059
10:	-0.181	1.268

X CENTROID: -0.132
 Y CENTROID: -0.064
 POA TO CENTROID: 0.147
 HORZ SPREAD: 0.819
 VERT SPREAD: 2.430
 GROUP SPREAD: 2.432
 MIN RADIUS: 0.272
 MAX RADIUS: 1.333
 MEAN RADIUS: 0.822
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

R & E NUMBER	85581		
SERIAL NUMBER	E6374534 (new)		
LOG-IN DATE	9-28-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	9-29-04	RTL
560 A	RE-BARREL	10-6-04	AC
B	DRILL AND TAP	10-8-04	TRW
575	ASSEMBLE	10-6-04	RTL
600	PROOF	10-7-04	RTL
605	CHECK HEADSPACE	10-7-04	RR
610	DIS-ASSEMBLE GUN	10-7-04	RTL
612	MAGNAFLUX	10-7-04	RTL
615	ROLLMARK CALIBER	OPERATOR	
618	ROTO-BLAST	10-11-04	SB/CW
620	APPLY COATINGS	10-17-04	HP
625 A	FINAL ASSEMBLY	10/16/04	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	10-20-04	TRW
655	FINAL INSPECT	10-25-04	RTL
660	PACK	11-5-04	RA
		SHIP DATE	
		QAR INSPECTION DATE	

BARBER - M24 0084300 REPORT

COMMENTS

ORDER

R 98-05056

INITIAL CUSTOMER ORDER NO.

WOG 8 OF 23

JJM

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

02/24/98

02/24/98

~~06225478~~

56374536

700 7.62

NATO

ACCESSORIES

W/STUDS

SCOPE BASE

FROM:

SHIP TO:

SUPPLY & SERVICES DIV
D O L WAREHOUSE J 2535 A1
KNOX ST
FT BRAGG

NC 28307

SUPPLY & SERVICES DIV
D O L WAREHOUSE J 2535 A1
KNOX ST
FT BRAGG

NC 28307

CUST NO: 113830 C.O.D.

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

V/A

UPS

GUN CONDITION

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

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN

AMMO

FUNCTION

FINISH

ACCURACY

FIT

INSPECT

CYCLE

S

TRIGGER GROUP

E

BOLT ASSY.

S

BARREL ASSY.

S

D1

E2

F3

REC. ASSY.

US

D2

E4

F4

WOOD

D1

D3

E5

F5

METAL

C2

MAIN FAULT

PARTS

COMMENTS

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 7/97

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0084300

BARBER - M24 0084301

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # E6374536
13 May 1998

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3844
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .39
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .547598

THE AMR FOR THIS RIFLE IS: 1.131

CENTROIDAL DISTANCES

0 TO 1 .770112
1 TO 2 .258907
1 TO 3 .64333
1 TO 4 .285591
1 TO 5 .391486

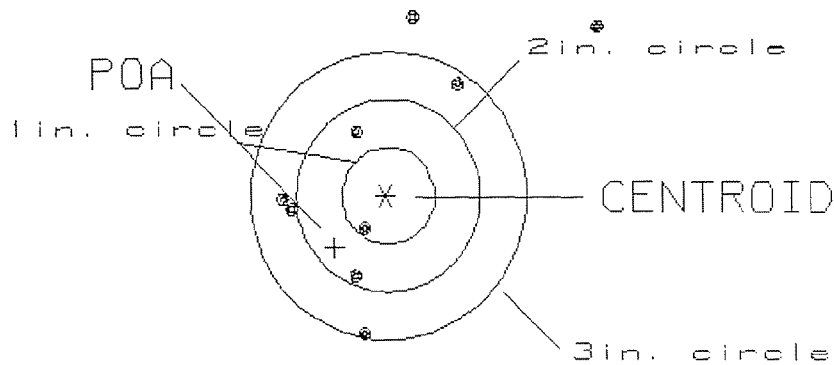
4^2 1
+ 3 5 <----POA

PATTERN #: ☐ 1 ☐
 POA TO CENTROID: .770
 MIN RADIUS : .463
 MEAN RADIUS : 1.468
 MAX RADIUS : 2.908
 CENTROID X : .552
 CENTROID Y : .537

13 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6374536.1

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.38
 VS= 4.61
 GS= 5.03

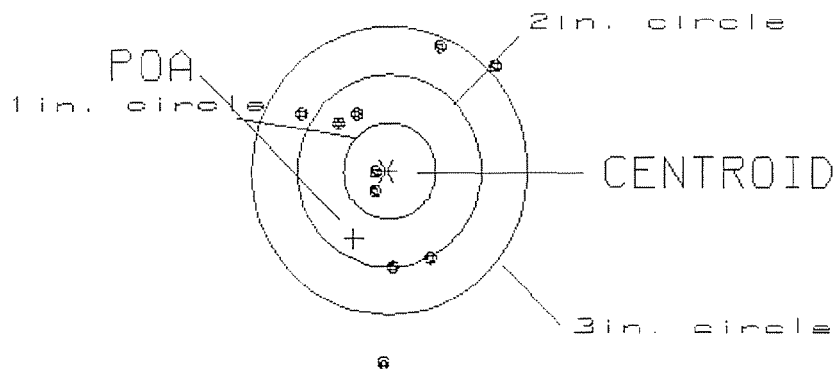
1
 3
 7

PATTERN #: 2
 POA TO CENTROID: .789
 MIN RADIUS : .178
 MEAN RADIUS : .988
 MAX RADIUS : 1.964
 CENTROID X : .355
 CENTROID Y : .705

13 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/EG374536.1

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.08

2

VS= 3.21

5

GS= 3.29

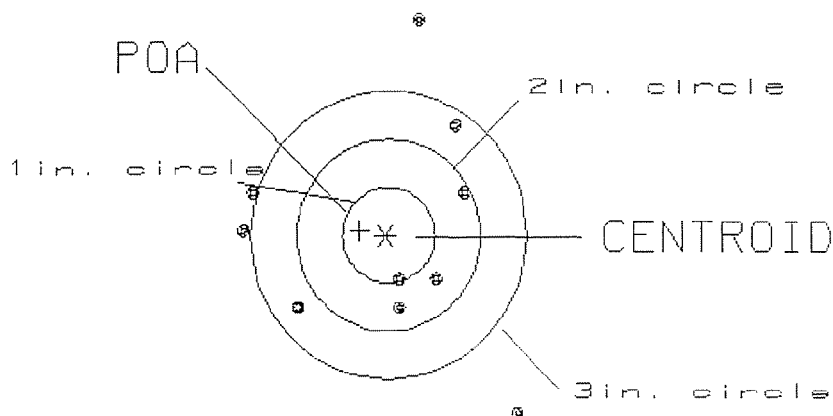
8

PATTERN #: 3
 POA TO CENTROID: .284
 MIN RADIUS : .498
 MEAN RADIUS : 1.314
 MAX RADIUS : 2.368
 CENTROID X : .280
 CENTROID Y : -.046

13 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6374536.1

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.00
 VS= 4.10
 GS= 4.25

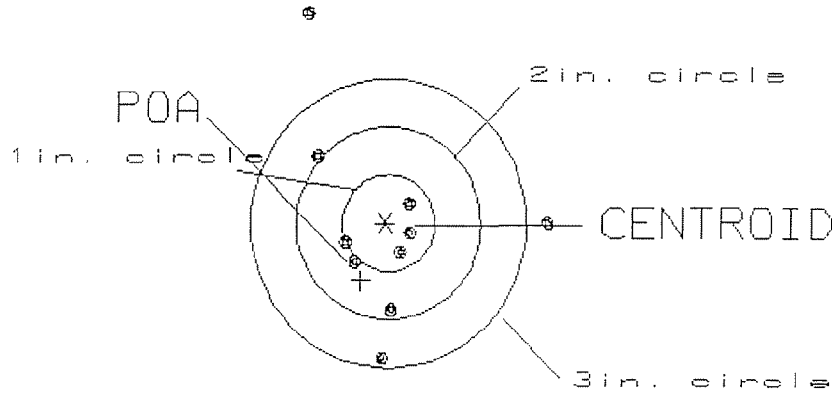
1
 4
 5

PATTERN #: 4
 POA TO CENTROID: .657
 MIN RADIUS : .209
 MEAN RADIUS : .929
 MAX RADIUS : 2.371
 CENTROID X : .273
 CENTROID Y : .598

13 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6374536.1

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.60
 VS= 3.58
 GS= 3.65

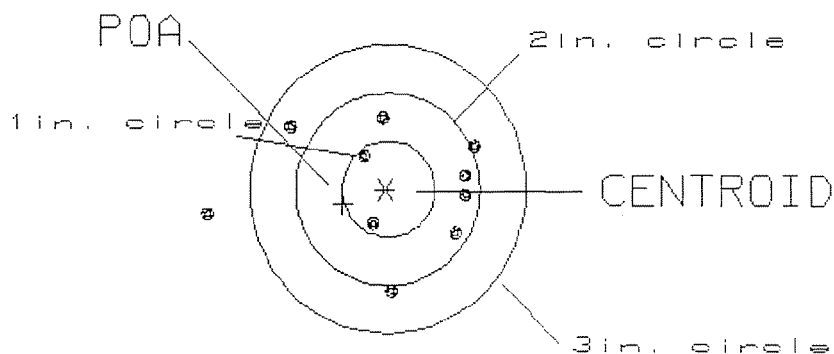
4
 6
 8

PATTERN #: 5
 POA TO CENTROID: .487
 MIN RADIUS : .405
 MEAN RADIUS : .956
 MAX RADIUS : 1.940
 CENTROID X : .462
 CENTROID Y : .156

13 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6374536.1

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.87

2

VS= 1.85

6

GS= 2.95

9