

E 637 4541 New
C 622 5364 000

Repair Number: RE00085593

Serial: E6374541 Model: M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 9/28/2004 2:35:35 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

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Fair

Condition

CSR

Notes

Accessories Received

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

Repair Search

Refresh

Close

nagletj

9/28/2004

2:51 PM

CAPS

NUM

INS

SCPL

start

2

3

Arms Services F

4

Serial Number: E6374541

Model: M24 SWS



RE00085593

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: E6374541.__0
FILE DATE AND TIME: 10/19/2004 06:47

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

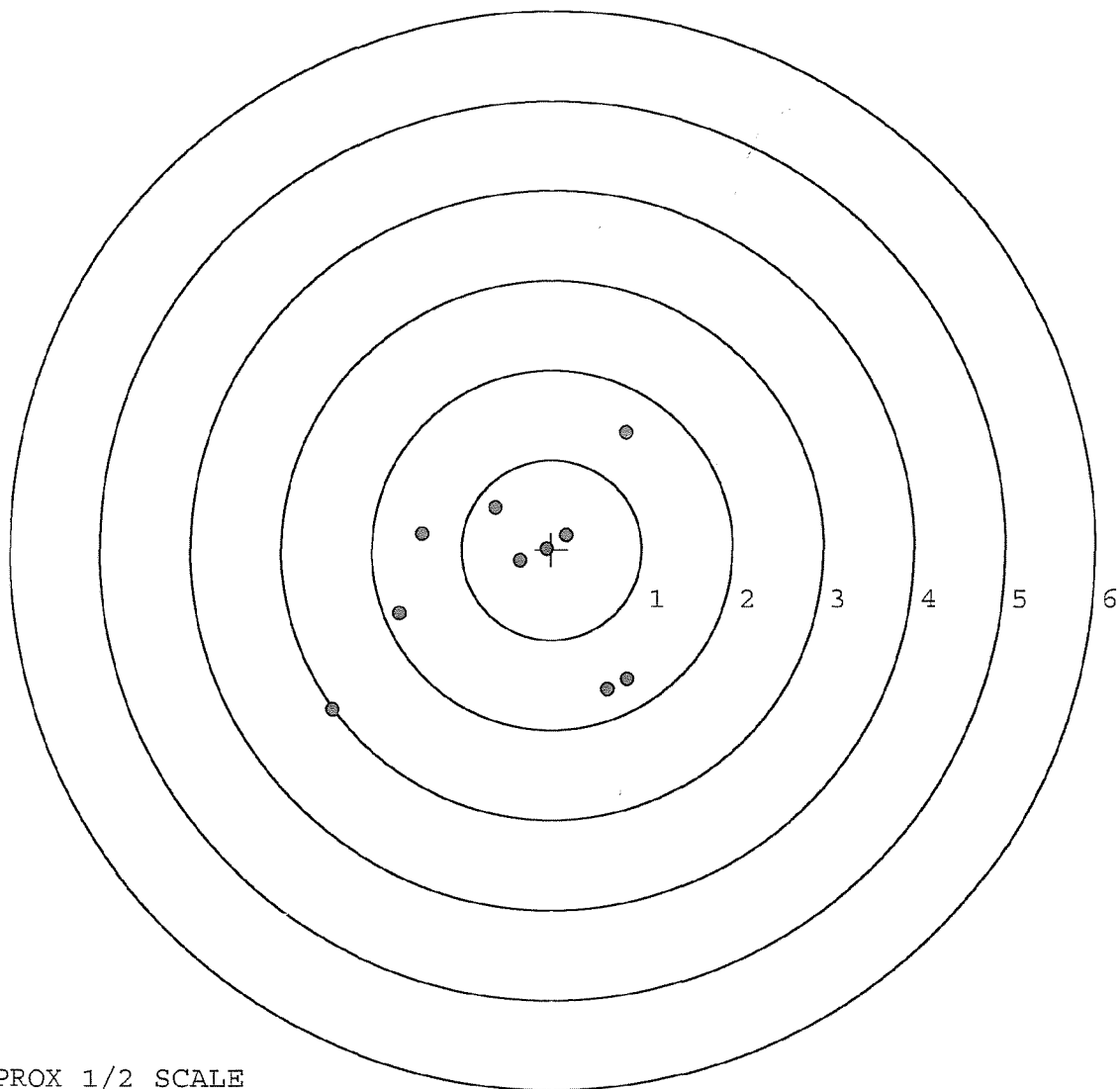
The Average X Centroid of the Five Target Set:	-0.091
The Average Y Centroid of the Five Target Set:	-0.106
The Average Point of Impact of the Five Target Set:	0.140
The Average Mean Radius of the Five Target Set:	0.762
The Distance from POA to Centroid Target #1:	0.546
The Distance from Centroid Target #2 to Centroid Target #1:	0.476
The Distance from Centroid Target #3 to Centroid Target #1:	0.591
The Distance from Centroid Target #4 to Centroid Target #1:	0.492
The Distance from Centroid Target #5 to Centroid Target #1:	0.513

BARBER - M24 0128357

SERIAL NUMBER: E6374541. __0
 TARGET NUMBER: 1
 FILE DATE: 10/19/2004
 FILE TIME: 06:47

POINT#	X	Y
1:	0.840	-1.443
2:	0.615	-1.557
3:	-1.695	-0.709
4:	-2.439	-1.783
5:	-1.450	0.176
6:	0.824	1.304
7:	-0.632	0.469
8:	0.164	0.156
9:	-0.059	0.005
10:	-0.347	-0.132

X CENTROID: -0.418
 Y CENTROID: -0.351
 POA TO CENTROID: 0.546
 HORZ SPREAD: 3.279
 VERT SPREAD: 3.087
 GROUP SPREAD: 4.492
 MIN RADIUS: 0.231
 MAX RADIUS: 2.477
 MEAN RADIUS: 1.264
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 4
 # in 3 IN DIAMETER: 6



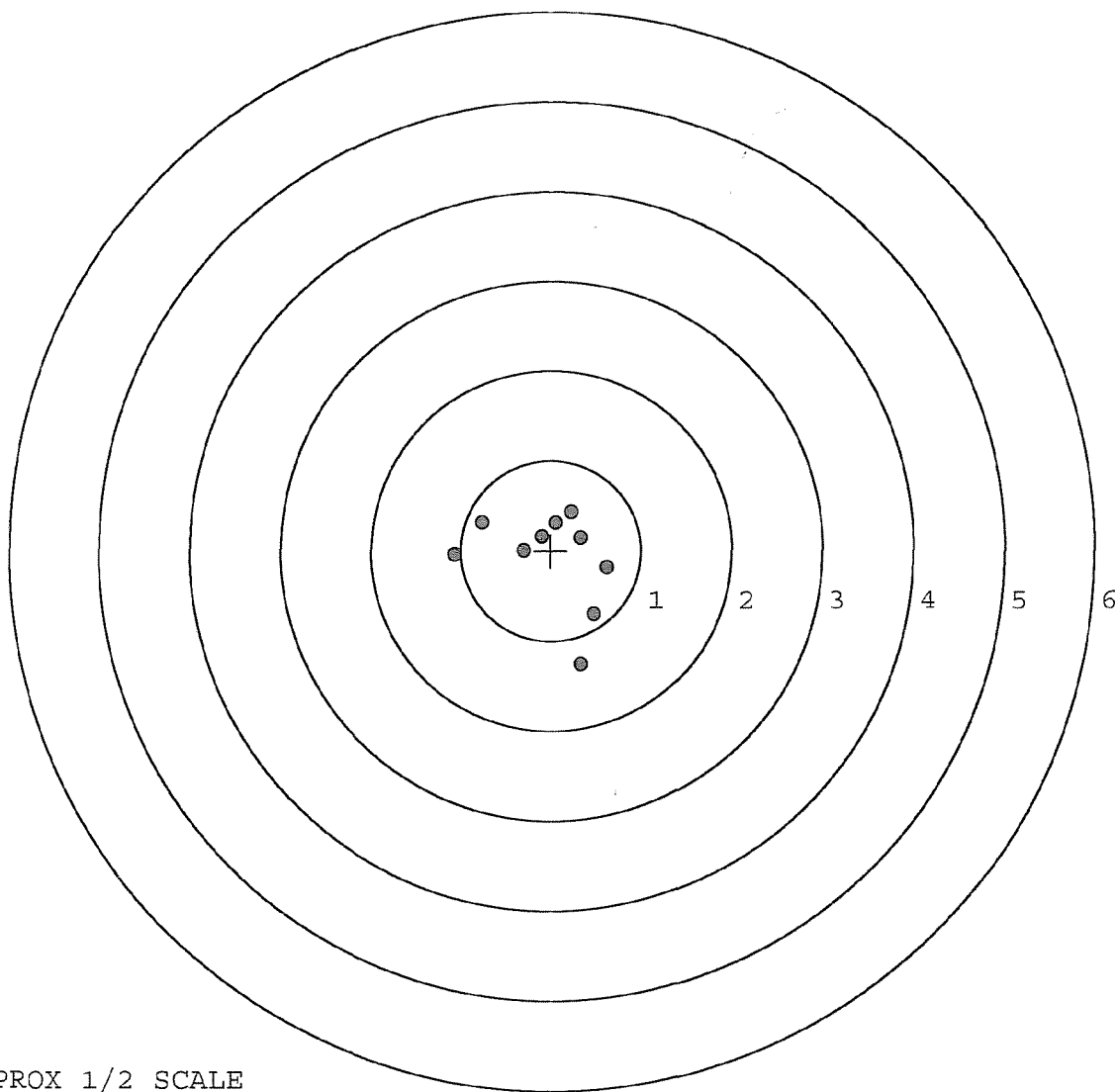
TARGET APPROX 1/2 SCALE

BARBER - M24 0128358

SERIAL NUMBER: E6374541. __0
 TARGET NUMBER: 2
 FILE DATE: 10/19/2004
 FILE TIME: 06:47

POINT#	X	Y
1:	0.329	-1.260
2:	0.478	-0.712
3:	0.625	-0.193
4:	0.321	0.145
5:	-0.772	0.315
6:	-1.067	-0.045
7:	0.223	0.428
8:	0.051	0.310
9:	-0.113	0.155
10:	-0.301	0.002

X CENTROID: -0.023
 Y CENTROID: -0.086
 POA TO CENTROID: 0.088
 HORZ SPREAD: 1.692
 VERT SPREAD: 1.688
 GROUP SPREAD: 1.922
 MIN RADIUS: 0.257
 MAX RADIUS: 1.226
 MEAN RADIUS: 0.651
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6374541. __0

TARGET NUMBER: 3

FILE DATE: 10/19/2004

FILE TIME: 06:47

POINT#	X	Y
1:	0.929	-0.474
2:	-1.064	-0.345
3:	0.334	1.014
4:	0.334	0.088
5:	0.376	-0.278
6:	0.169	-0.472
7:	0.071	0.499
8:	-0.039	0.212
9:	-0.244	0.043
10:	-0.224	-0.386

X CENTROID: 0.064

Y CENTROID: -0.010

POA TO CENTROID: 0.065

HORZ SPREAD: 1.993

VERT SPREAD: 1.488

GROUP SPREAD: 1.997

MIN RADIUS: 0.245

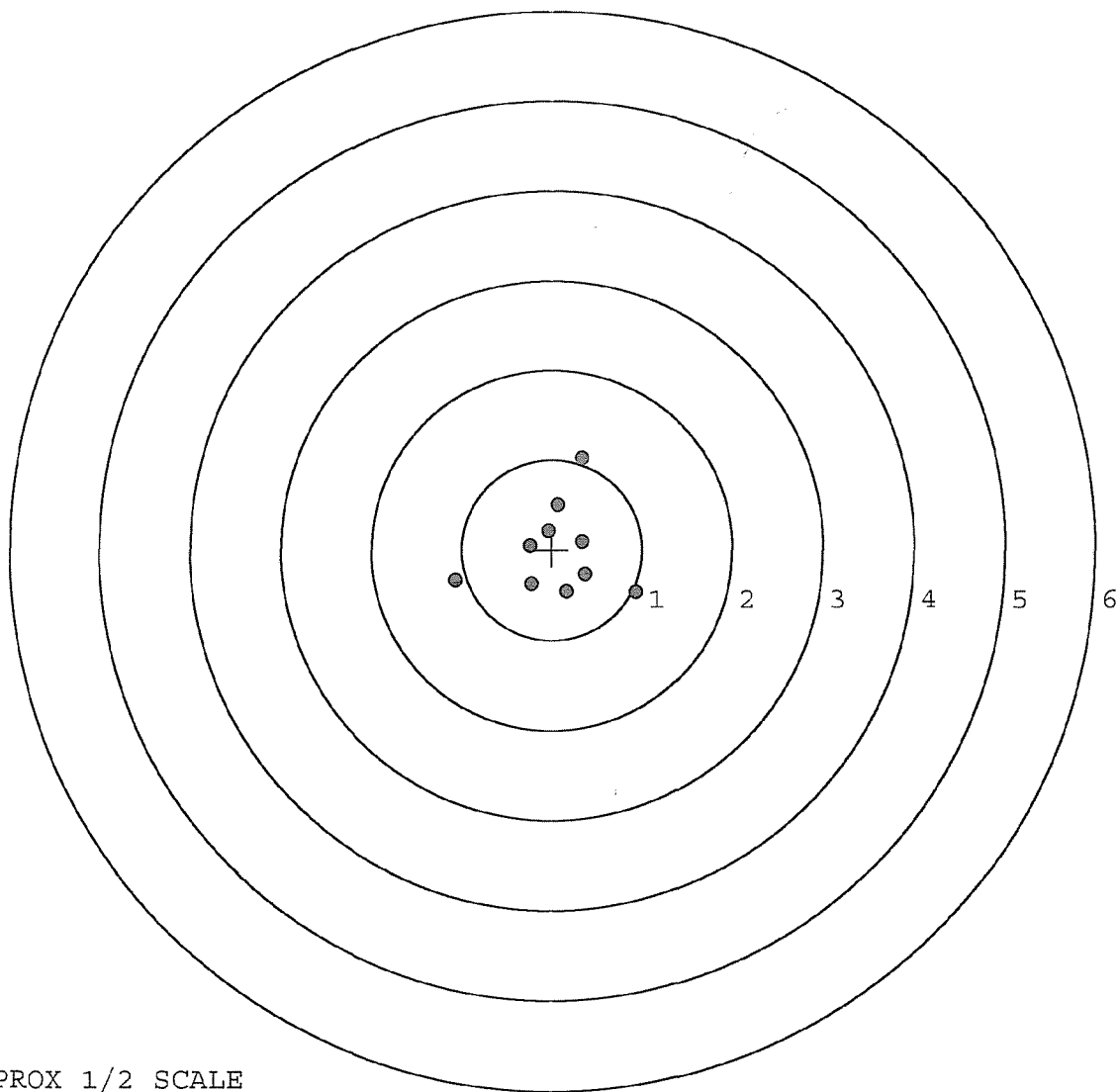
MAX RADIUS: 1.177

MEAN RADIUS: 0.593

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



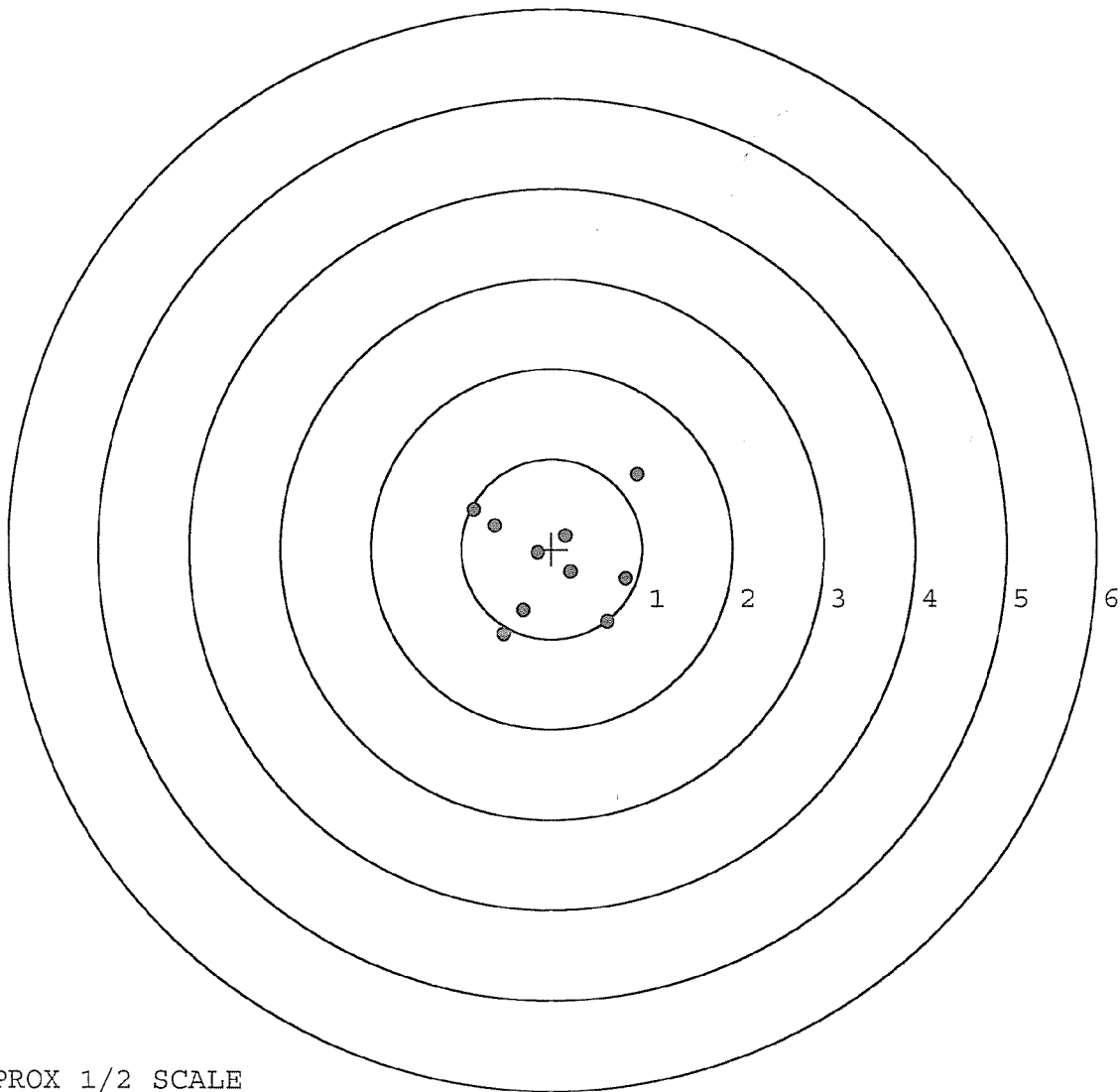
TARGET APPROX 1/2 SCALE

BARBER - M24 0128360

SERIAL NUMBER: E6374541. __0
 TARGET NUMBER: 4
 FILE DATE: 10/19/2004
 FILE TIME: 06:47

POINT#	X	Y
1:	0.616	-0.813
2:	0.819	-0.329
3:	0.213	-0.255
4:	0.945	0.831
5:	0.160	0.147
6:	-0.157	-0.041
7:	-0.319	-0.684
8:	-0.529	-0.950
9:	-0.628	0.266
10:	-0.866	0.446

X CENTROID: 0.025
 Y CENTROID: -0.138
 POA TO CENTROID: 0.141
 HORZ SPREAD: 1.811
 VERT SPREAD: 1.781
 GROUP SPREAD: 2.312
 MIN RADIUS: 0.207
 MAX RADIUS: 1.336
 MEAN RADIUS: 0.725
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



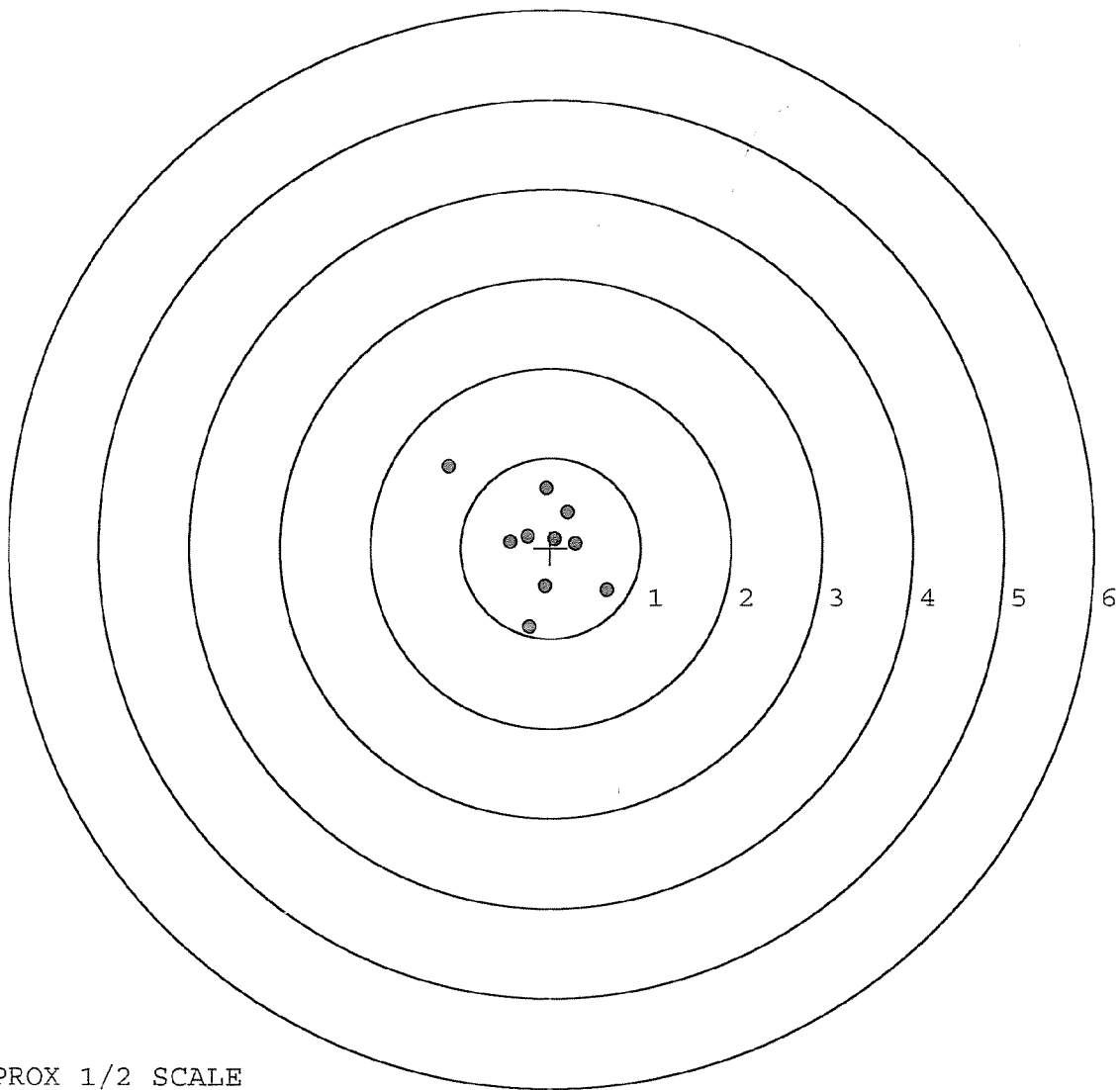
TARGET APPROX 1/2 SCALE

BARBER - M24 0128361

SERIAL NUMBER: E6374541. __0
 TARGET NUMBER: 5
 FILE DATE: 10/19/2004
 FILE TIME: 06:47

X CENTROID: -0.104
 Y CENTROID: 0.055
 POA TO CENTROID: 0.118
 HORZ SPREAD: 1.755
 VERT SPREAD: 1.779
 GROUP SPREAD: 2.229
 MIN RADIUS: 0.164
 MAX RADIUS: 1.332
 MEAN RADIUS: 0.577
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.625	-0.471
2:	-0.066	-0.425
3:	-0.238	-0.875
4:	-0.051	0.665
5:	-1.130	0.904
6:	0.193	0.395
7:	0.276	0.052
8:	-0.452	0.070
9:	-0.254	0.128
10:	0.052	0.104



TARGET APPROX 1/2 SCALE

[illegible]

R & E NUMBER	85593		
SERIAL NUMBER	E6374541		
LOG-IN DATE	9-28-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	9-28-04	RTL
560 A	RE-BARREL	10-6-04	AC
B	DRILL AND TAP	10-8-04	TRLW
575	ASSEMBLE	10-6-04	RTL
600	PROOF	10-7-04	RTL
605	CHECK HEADSPACE	10-7-04	RTL
610	DIS-ASSEMBLE GUN	10-7-04	RTL
612	MAGNAFLUX	OPERATOR	
615	ROLLMARK CALIBER	10-11-04	SB/CW
618	ROTO-BLAST	10-11-04	LB
620	APPLY COATINGS	10/14/04	HP
625 A	FINAL ASSEMBLY	10-18-04	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	10-19-04	TRLW
655	FINAL INSPECT	10-25-04	RTL
660	PACK	11-5-04	DA
		SHIP DATE	
	QAR INSPECTION DATE		

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: **RE00023087** Serial: **E6374541** Model: **700** Center Fire Caliber: **7.62 NATO M-24 (SWS)** Repairman:
 Verify Repair Status: **Closed 2/16/01 10:41:49 AM**

Address Information

Customer: **C CO SPT BN** Received From: **C CO SPT BN** Return To: **C CO SPT BN** Received From:
 Address 1: **USA JFK SWCS** Address 2: PO Box:
 City: **FT BRAGG** City: **FT BRAGG** PO Box:
 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**
 Condition Notes:
 CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	1
A008	With Swivel	1
A016	Scope Mounts	1
A017	Scope Base	1
A026	Scope	1

Repair Search Refresh Close

maglet 2/17/01 7:45 AM CAPS NUM INS SCRL
 Start NIS Inb Expl Part SA Ar Nag Ne 7:45 AM

Serial Number: **E6374541**

Model: **700**



RE00023087

BARBER - M24 0128365

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # e6374541
2 Apr 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0484
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0654
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0813617

THE AMR FOR THIS RIFLE IS: 1.07

CENTROIDAL DISTANCES

0 TO 1	.259625
1 TO 2	.134373
1 TO 3	.335876
1 TO 4	.317718
1 TO 5	.156924

$\frac{45}{3}$ <----POA

BARBER - M24 0128366

REMINGTON CENTERFIRE ACCURACY TEST

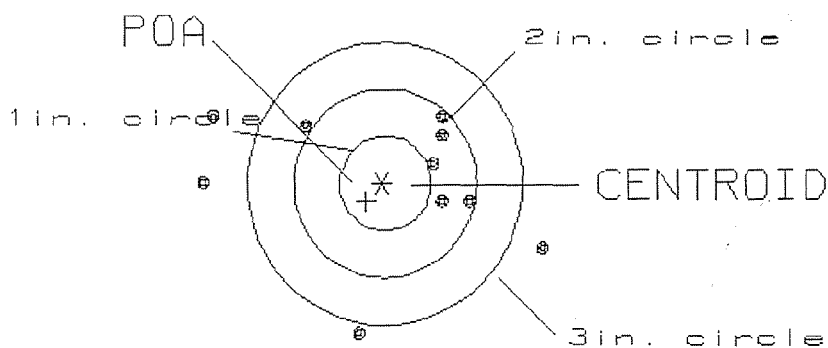
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 1
 POA TO CENTROID: .260
 MIN RADIUS : .568
 MEAN RADIUS : 1.246
 MAX RADIUS : 1.985
 CENTROID X : .178
 CENTROID Y : .189

2 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6374541

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.73
 VS= 2.35
 GS= 3.84

0
 5
 6

BARBER - M24 0128367

REMINGTON CENTERFIRE ACCURACY TEST

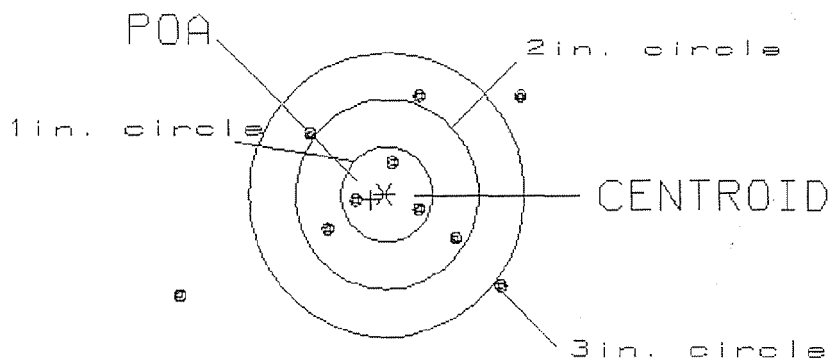
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 020
 POA TO CENTROID: .156
 MIN RADIUS : .392
 MEAN RADIUS : 1.079
 MAX RADIUS : 2.505
 CENTROID X : .144
 CENTROID Y : .059

2 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6374541

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.69
 VS= 2.05
 GS= 4.22

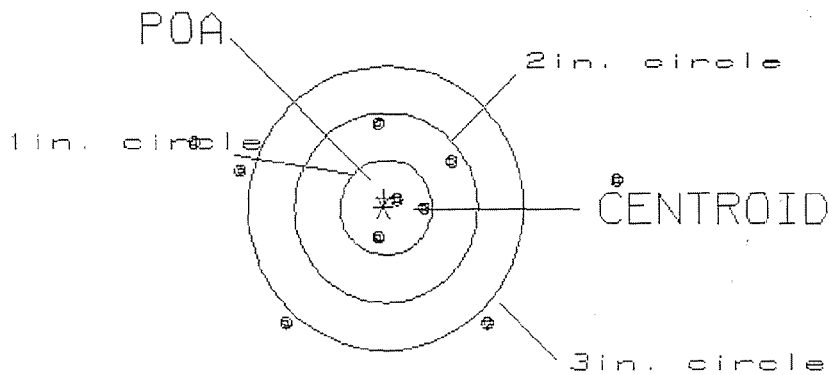
3
 5
 7

PATTERN #: L 3 □
 POA TO CENTROID: .088
 MIN RADIUS : .164
 MEAN RADIUS : 1.229
 MAX RADIUS : 2.566
 CENTROID X : -.012
 CENTROID Y : -.087

2 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6374541

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 4.60
 VS= 2.08
 GS= 4.61

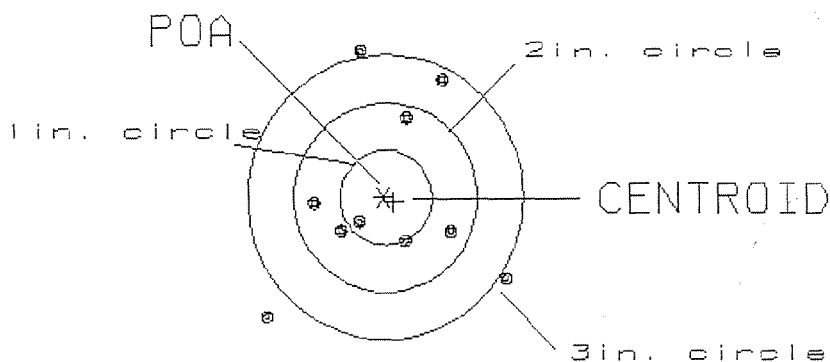
3
 5
 5

PATTERN #: 4
 POA TO CENTROID: .125
 MIN RADIUS : .359
 MEAN RADIUS : 1.014
 MAX RADIUS : 1.805
 CENTROID X : -.111
 CENTROID Y : .057

2 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6374541

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.62

2

VS= 2.77

6

GS= 3.12

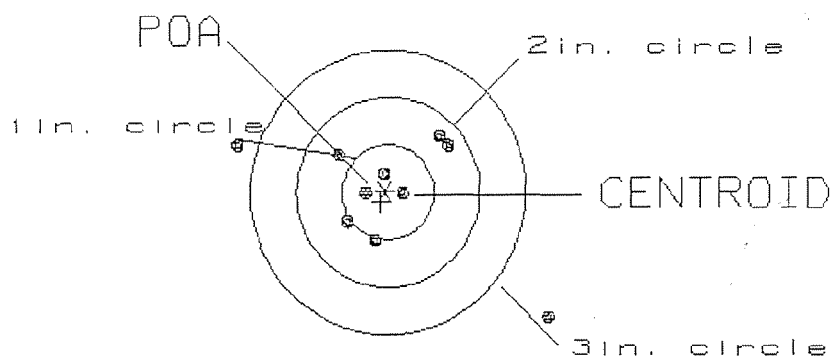
7

PATTERN #: C 5 F
 POA TO CENTROID: .117
 MIN RADIUS : .165
 MEAN RADIUS : .783
 MAX RADIUS : 2.177
 CENTROID X : .043
 CENTROID Y : .109

2 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6374541

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.42

4

VS= 1.93

6

GS= 3.85

8

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

R & E NUMBER			
SERIAL NUMBER <i>F6374541</i>			
LOG-IN DATE <i>2-17-01</i>			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	<i>2-21-01</i>	<i>CK</i>
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	<i>3-23-01</i>	<i>RW</i>
605	CHECK HEADSPACE	<i>3-23-01</i>	<i>RW</i>
610	DIS-ASSEMBLE GUN		
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	<i>4-3-01</i>	<i>RW</i>
655	FINAL INSPECT	<i>4-4-01</i>	<i>RW</i>
660	PACK		
		SHIP DATE	
QAR INSPECTION DATE			

Final Inspection

Sd: E6374541 DATE REC'D: 2-17-01 DATE RET'D:

AUDITOR: CK

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: _____

RECEIVING AND ESTIMATING REPORT

BARBER - M24 0128373

COMMENTS

ORDER

R 98-05055

INITIAL JLM	CUSTOMER ORDER NO.		WOG 7 OF 23			
DATE RECEIVED 02/24/98	DATE OPENED 02/24/98	DATE CODE	SERIAL NUMBER 66225364	NEW SERIAL NUMBER E6374541	MODEL AND GRADE 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	VIA 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		B				
TRIGGER GROUP		R				
BOLT ASSY.		S				
BARREL ASSY.		B				
REC. ASSY.		S				
WOOD		C				
METAL		C				
MAIN FAULT						

PARTS	COMMENTS					
	REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
	GALLERY TESTER	DATE	DATE	DATE	DATE	DATE

OFFICE COPY

HD5925 REV. 7/97

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0128373 28412

BARBER - M24 0128374

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # E6374541
13 May 1998

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1438
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .3806
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .40686

THE AMR FOR THIS RIFLE IS: 1.105

CENTROIDAL DISTANCES

0 TO	1	.649788
1 TO	2	.36569
1 TO	3	.418594
1 TO	4	.375686
1 TO	5	.378308

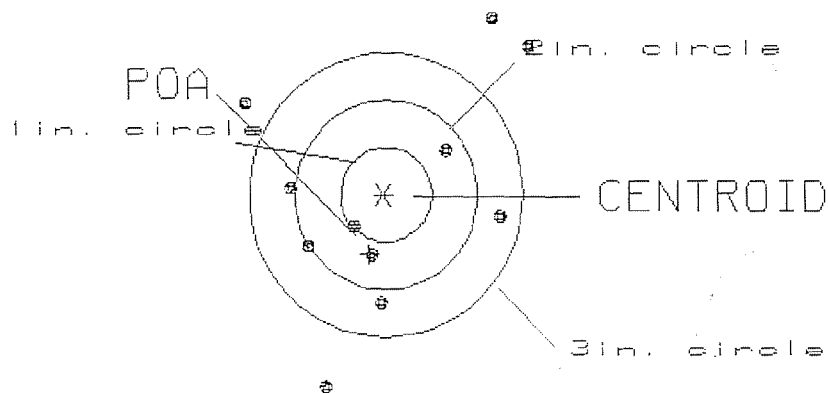
1
2
5 4
+ <----POA

PATTERN #: 1
 POA TO CENTROID: .650
 MIN RADIUS : .486
 MEAN RADIUS : 1.351
 MAX RADIUS : 2.200
 CENTROID X : .151
 CENTROID Y : .632

13 May 1998

FILE:/Hptbasic/Accuracy/Patterning/Centerfire_Patt/E6374541

CENTERFIRE PATTERN # 1



OF SHOTS= 11

IN CIRCLE

HS= 3.17

1

VS= 3.91

3

GS= 4.33

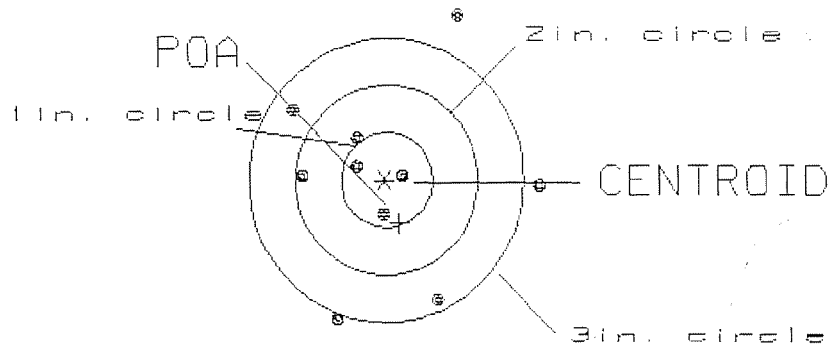
7

PATTERN #: 2
 POA TO CENTROID: .485
 MIN RADIUS : .164
 MEAN RADIUS : 1.016
 MAX RADIUS : 1.940
 CENTROID X : -.169
 CENTROID Y : .455

13 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6374541

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.70

3

VS= 3.19

5

GS= 3.45

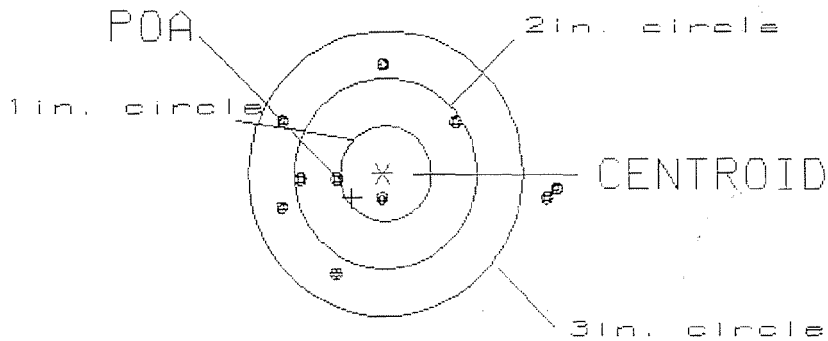
7

PATTERN #: 3
 POA TO CENTROID: .424
 MIN RADIUS : .281
 MEAN RADIUS : 1.125
 MAX RADIUS : 1.860
 CENTROID X : .337
 CENTROID Y : .257

13 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6374541

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.03
 VS= 2.24
 GS= 3.08

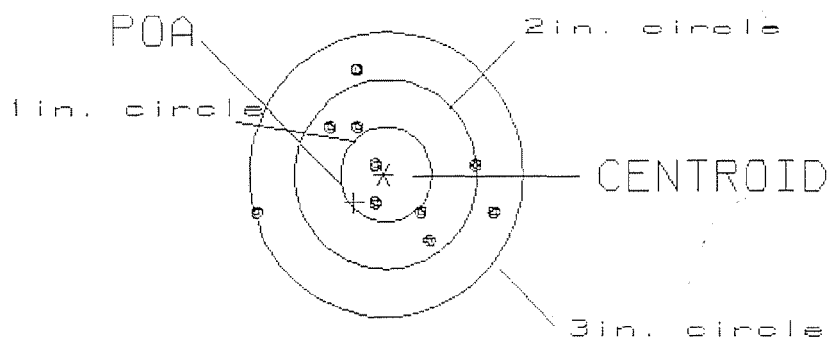
1
 4
 8

PATTERN #: E 4 E
 POA TO CENTROID: .439
 MIN RADIUS : .166
 MEAN RADIUS : .314
 MAX RADIUS : 1.455
 CENTROID X : .323
 CENTROID Y : .298

13 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6374541

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.55

2

VS= 1.79

6

GS= 2.55

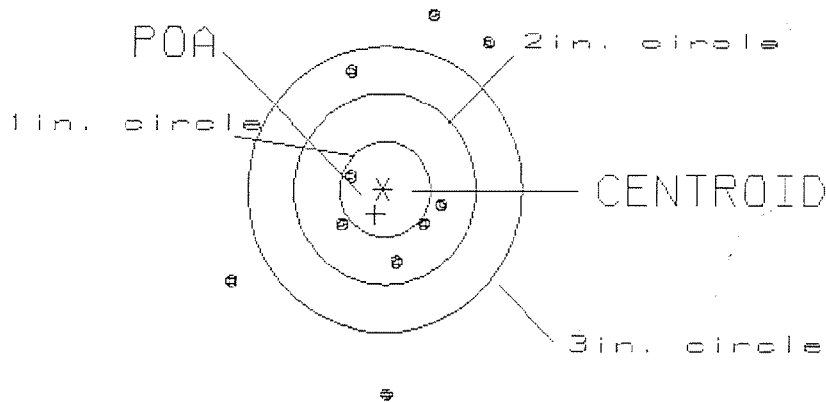
10

PATTERN #: ☐ 5 ☐
 POA TO CENTROID: .272
 MIN RADIUS : .387
 MEAN RADIUS : 1.221
 MAX RADIUS : 2.118
 CENTROID X : .077
 CENTROID Y : .261

13 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6374541

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.85
 VS= 3.92
 GS= 3.96

1
 5
 6