

EC374617
C6225219
Oco

Arms Services Repair & Estimate System
BARBER - M24 0118918

File: Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: **RE00070753** Serial: E6374617 Model 700 Center Fire Caliber: 7
 Verify Repair 62 NATO M/24 SWS Repairman: Status: Closed 9/30/2003 7:46:57 AM

Address Information

Customer: Received From Return To: Received From
 Name: C CO SPT BN C CO SPT BN
 Address 1: SWC SWC
 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 Received Condition Accessories Received

Phone: Good
 Fax: Condition Notes:
 Email: CSR Notes:
 Comments:

Accessories Received

Code	Desc	Qty
A007	With Stud	3

Repair Search Refresh Close

naglelj 9/30/2003 8:43 AM CAPS NUM INS SCPL
 start & Prep 4 Intra 1w Exite Search to Arms Ser... Part Ser... 8:43 AM

Serial Number: **E6374617**
 Model: **700**

RE00070753

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: E6374617.__0

FILE DATE AND TIME: 10/29/2003 18:46

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.017
The Average Y Centroid of the Five Target Set:	0.028
The Average Point of Impact of the Five Target Set:	0.033
The Average Mean Radius of the Five Target Set:	0.857
The Distance from POA to Centroid Target #1:	0.013
The Distance from Centroid Target #2 to Centroid Target #1:	0.146
The Distance from Centroid Target #3 to Centroid Target #1:	0.263
The Distance from Centroid Target #4 to Centroid Target #1:	0.073
The Distance from Centroid Target #5 to Centroid Target #1:	0.197

SERIAL NUMBER: E6374617. __0

TARGET NUMBER: 1

FILE DATE: 10/29/2003

FILE TIME: 18:46

X CENTROID: 0.005

Y CENTROID: 0.012

POA TO CENTROID: 0.013

HORZ SPREAD: 1.904

VERT SPREAD: 3.944

GROUP SPREAD: 4.058

MIN RADIUS: 0.254

MAX RADIUS: 2.421

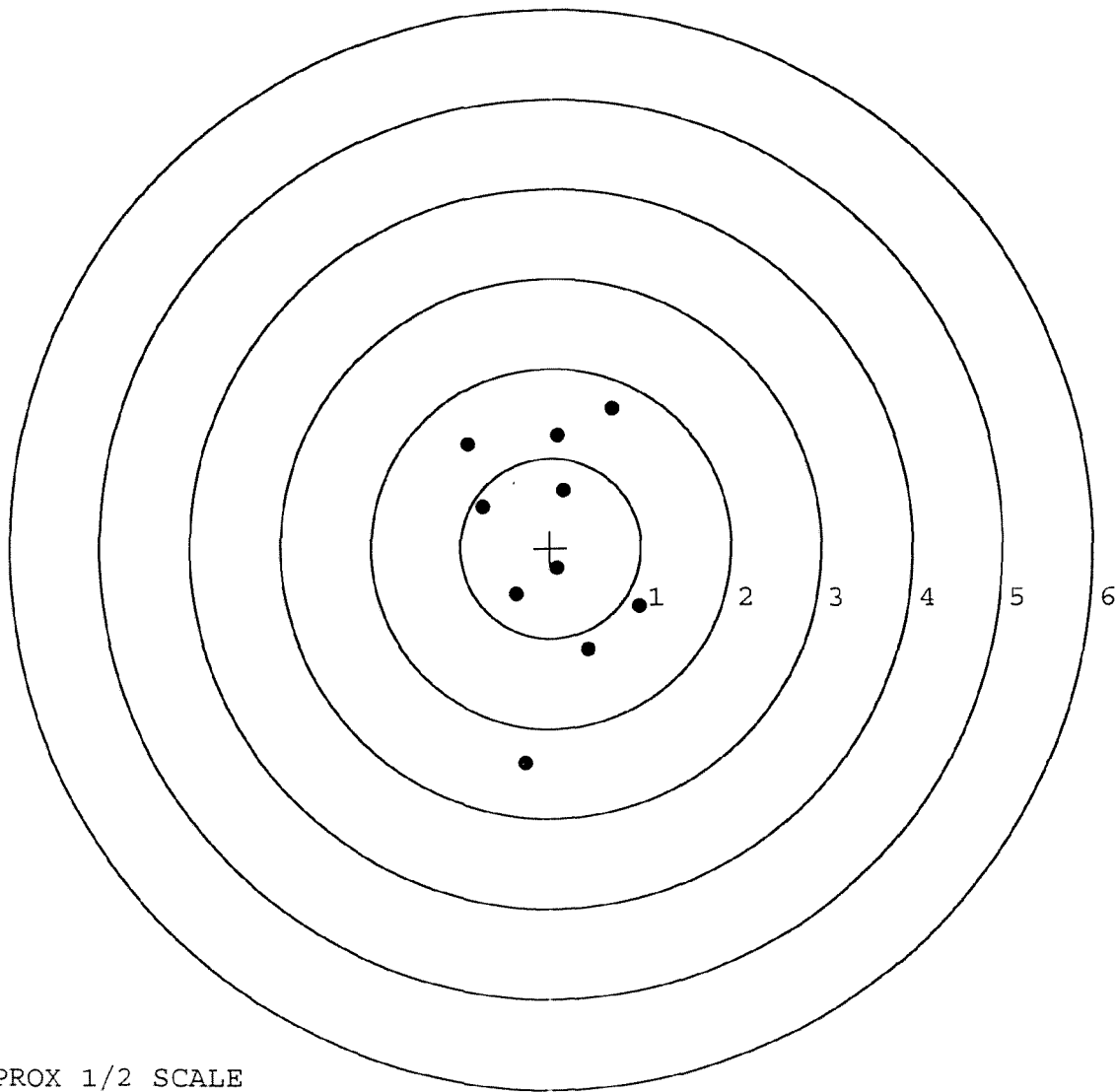
MEAN RADIUS: 1.164

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.985	-0.658
2:	0.424	-1.128
3:	-0.279	-2.392
4:	-0.384	-0.517
5:	0.079	-0.231
6:	-0.759	0.460
7:	-0.919	1.151
8:	0.085	1.251
9:	0.676	1.552
10:	0.143	0.634



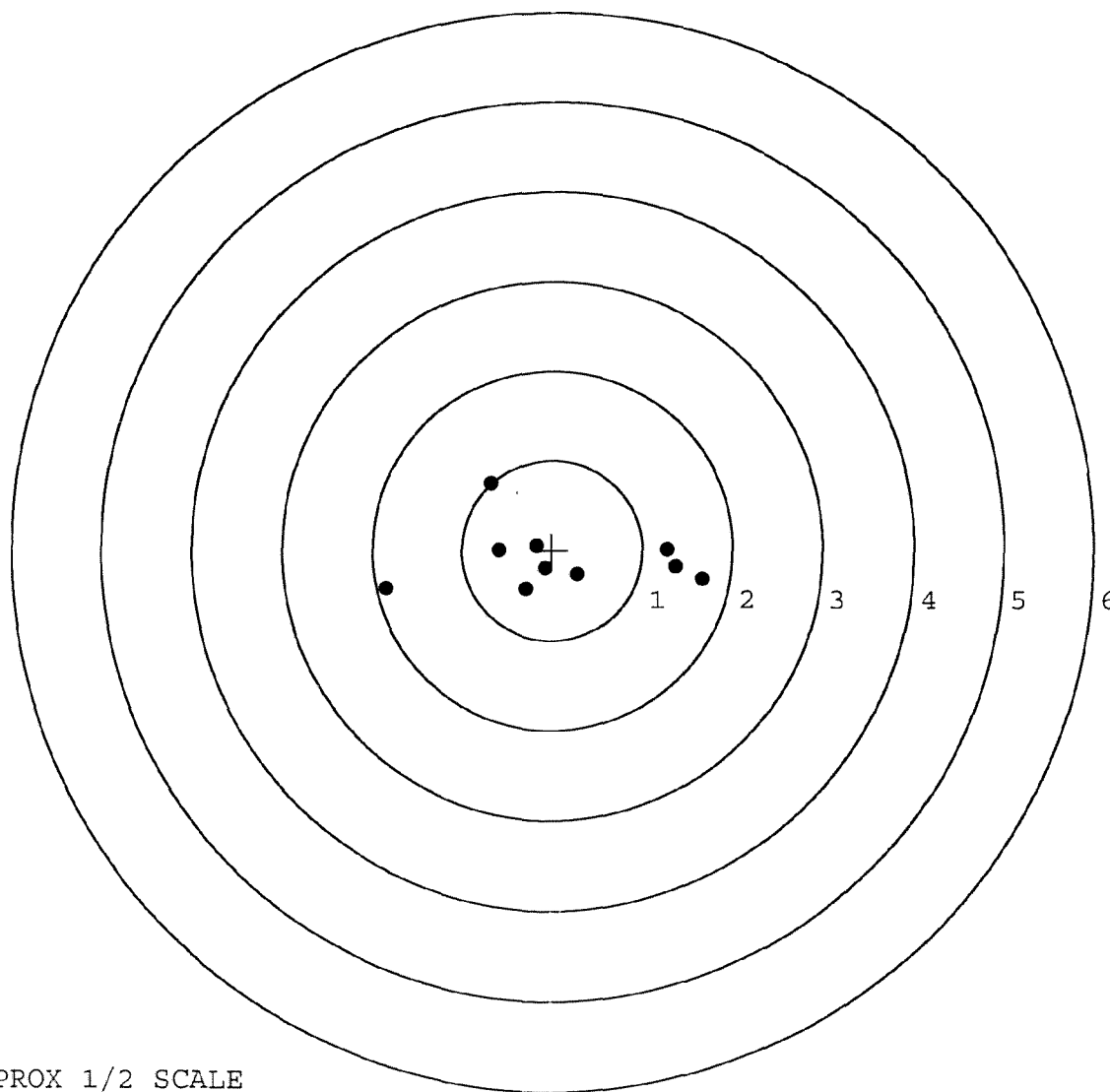
TARGET APPROX 1/2 SCALE

BARBER - M24 0118921

SERIAL NUMBER: E6374617. __0
 TARGET NUMBER: 2
 FILE DATE: 10/29/2003
 FILE TIME: 18:46

POINT#	X	Y
1:	1.662	-0.325
2:	1.373	-0.193
3:	1.270	0.000
4:	-0.078	-0.204
5:	-0.290	-0.427
6:	-0.592	0.006
7:	-1.848	-0.428
8:	-0.678	0.746
9:	0.286	-0.267
10:	-0.172	0.053

X CENTROID: 0.093
 Y CENTROID: -0.104
 POA TO CENTROID: 0.140
 HORZ SPREAD: 3.510
 VERT SPREAD: 1.174
 GROUP SPREAD: 3.512
 MIN RADIUS: 0.198
 MAX RADIUS: 1.968
 MEAN RADIUS: 0.912
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6374617. __0

TARGET NUMBER: 3

FILE DATE: 10/29/2003

FILE TIME: 18:46

POINT#	X	Y
1:	-0.215	1.823
2:	-0.048	1.494
3:	0.301	0.765
4:	0.376	0.343
5:	0.070	0.301
6:	0.065	0.470
7:	-0.270	-0.167
8:	-0.139	-0.800
9:	0.010	-1.063
10:	0.305	-0.444

X CENTROID: 0.046

Y CENTROID: 0.272

POA TO CENTROID: 0.276

HORZ SPREAD: 0.646

VERT SPREAD: 2.886

GROUP SPREAD: 2.895

MIN RADIUS: 0.038

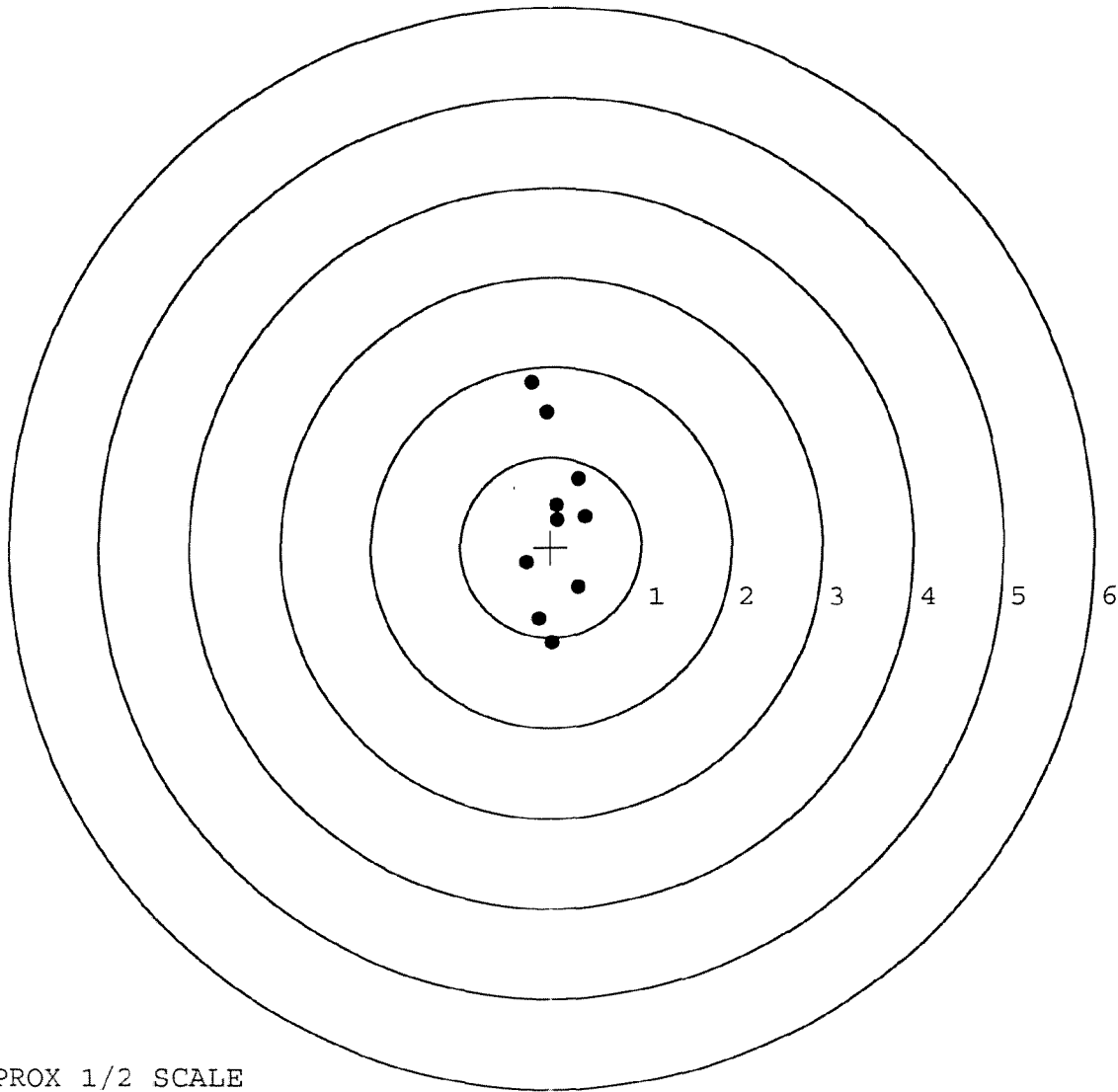
MAX RADIUS: 1.573

MEAN RADIUS: 0.765

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9

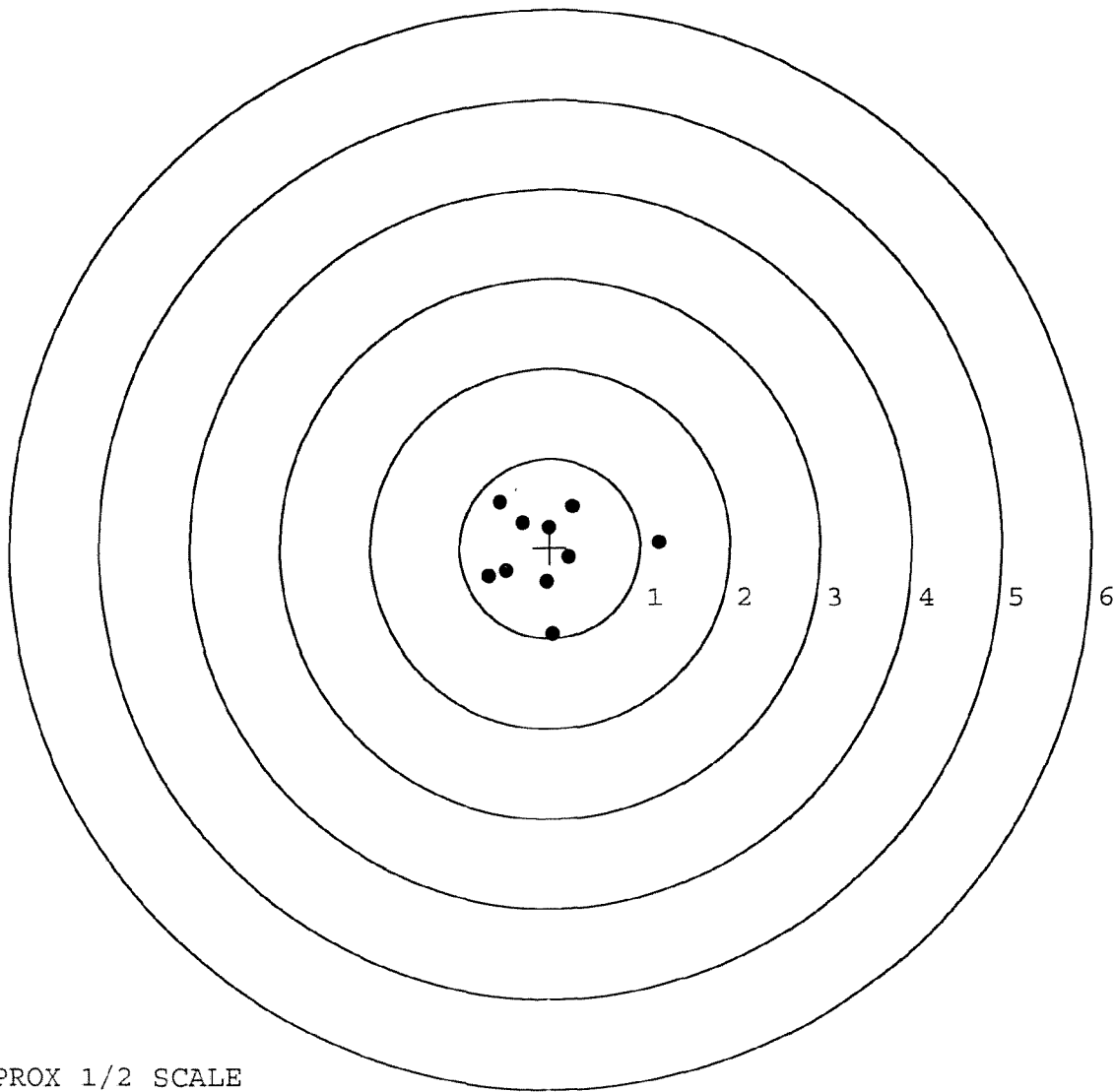


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6374617. 0
 TARGET NUMBER: 4
 FILE DATE: 10/29/2003
 FILE TIME: 18:46

POINT#	X	Y
1:	1.203	0.058
2:	0.259	0.462
3:	0.038	-0.962
4:	-0.558	0.515
5:	-0.676	-0.319
6:	-0.481	-0.259
7:	-0.030	-0.383
8:	0.213	-0.113
9:	-0.011	0.230
10:	-0.306	0.285

X CENTROID: -0.035
 Y CENTROID: -0.049
 POA TO CENTROID: 0.060
 HORZ SPREAD: 1.879
 VERT SPREAD: 1.477
 GROUP SPREAD: 1.916
 MIN RADIUS: 0.256
 MAX RADIUS: 1.242
 MEAN RADIUS: 0.601
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

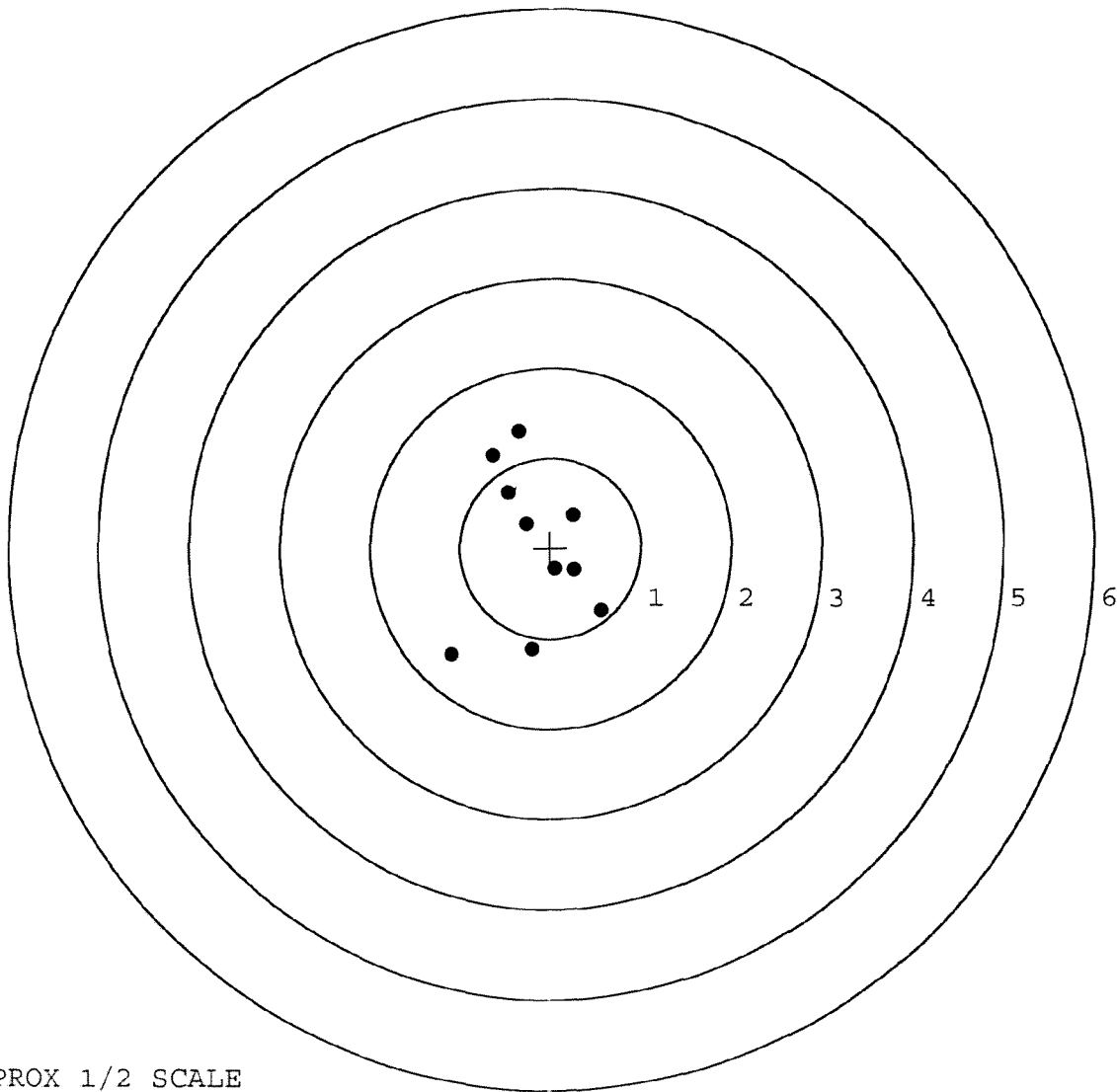


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6374617. __0
 TARGET NUMBER: 5
 FILE DATE: 10/29/2003
 FILE TIME: 18:46

POINT#	X	Y
1:	0.557	-0.699
2:	-0.208	-1.119
3:	-1.089	-1.184
4:	0.264	-0.245
5:	0.048	-0.228
6:	0.247	0.363
7:	-0.271	0.267
8:	-0.471	0.619
9:	-0.640	1.033
10:	-0.360	1.294

X CENTROID: -0.192
 Y CENTROID: 0.010
 POA TO CENTROID: 0.193
 HORZ SPREAD: 1.646
 VERT SPREAD: 2.478
 GROUP SPREAD: 2.583
 MIN RADIUS: 0.269
 MAX RADIUS: 1.493
 MEAN RADIUS: 0.843
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL # E6374617 INSPECTED BY: KTL
DATE REC'D: 9-30-03 DATE RET'D: 10-29-03

ITEM

BARREL ASSEMBLY

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

SCOPE ASSEMBLY

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

ITEM

STOCK ASSEMBLY

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

SYSTEMS CASE

☐ SCOPE CASE
☐ IRON SIGHTS
☐ DEPLOYMENT KIT

TRIGGER ASSEMBLY

☒ SAFETY OPERATION
☒ RE-SET TO FACTORY SPECS

COMMENTS:

R & E NUMBER	70753		
SERIAL NUMBER	E6374617		
LOG-IN DATE	9-30-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-6-03	RTZ
560 A	RE-BARREL	10-8-03	RTZ
B	DRILL AND TAP	10-10-03	TRW
575	ASSEMBLE	10-8-03	RTZ
600	PROOF	10-9-03	AC
605	CHECK HEADSPACE	10-9-03	AC
610	DIS-ASSEMBLE GUN	10-10-03	RTZ
612	MAGNAFLUX		
615	ROLLMARK CALIBER	10-11-03	B3
618	ROTO-BLAST	10/13/2003	DMS
620	APPLY COATINGS	10-15	TA
625 A	FINAL ASSEMBLY	10-24-03	RTZ
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	10-29-03	TRW
655	FINAL INSPECT	10-29-03	RTZ
660	PACK	10-30-03	RA
		SHIP DATE	
QAR INSPECTION DATE			

Serial Number: **E6374617**

Model: 700



RE00023092

BARBER - M24 0118928

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # E6374617
3 Apr 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: $-.0362$
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: $-.0186$
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: $.0406989$

THE AMR FOR THIS RIFLE IS: 1.082

CENTROIDAL DISTANCES

0 TO	1	.111086
1 TO	2	.193023
1 TO	3	.414403
1 TO	4	.0800562
1 TO	5	.229314

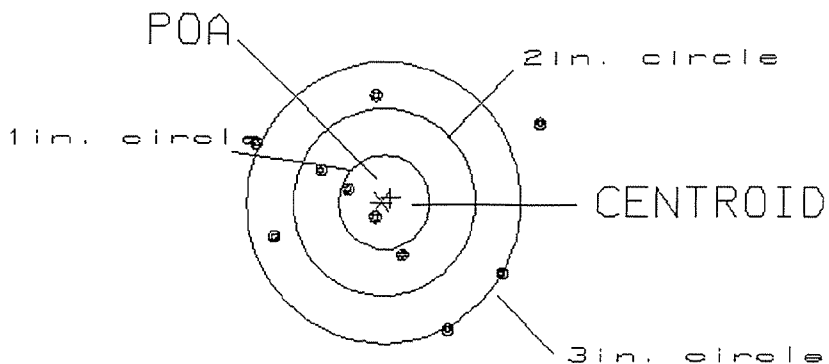
5
1+ 3 <----POA
2

PATTERN #: ☐ 1 ☐
 POA TO CENTROID: .111
 MIN RADIUS : .129
 MEAN RADIUS : 1.081
 MAX RADIUS : 1.838
 CENTROID X : -.102
 CENTROID Y : -.044

3 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/EG374617

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.07

2

VS= 2.46

4

GS= 3.09

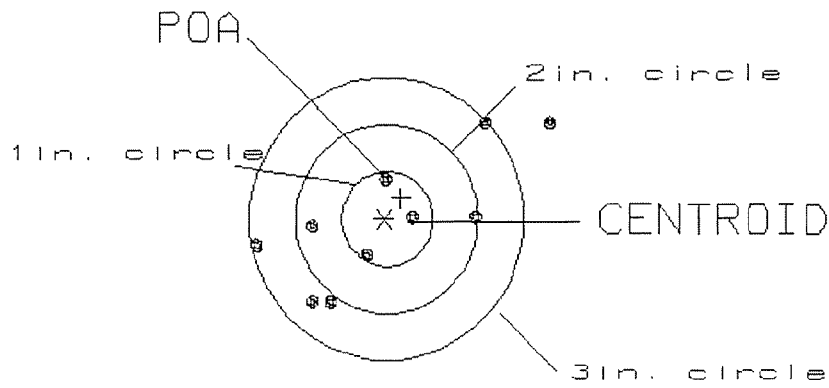
7

PATTERN #: 2
 POA TO CENTROID: .284
 MIN RADIUS : .233
 MEAN RADIUS : 1.022
 MAX RADIUS : 2.057
 CENTROID X : -.179
 CENTROID Y : -.221

3 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6374617

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.23
 VS= 1.98
 GS= 3.48

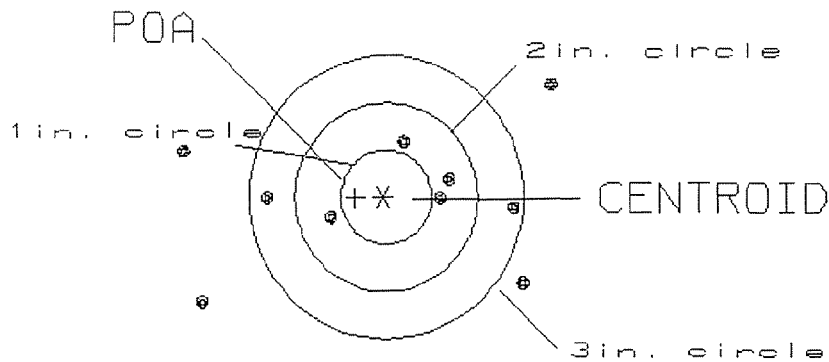
3
 5
 9

PATTERN #: 030
 POA TO CENTROID: .309
 MIN RADIUS : .551
 MEAN RADIUS : 1.364
 MAX RADIUS : 2.315
 CENTROID X : .309
 CENTROID Y : .009

3 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6374617

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.99

0

VS= 2.39

4

GS= 4.46

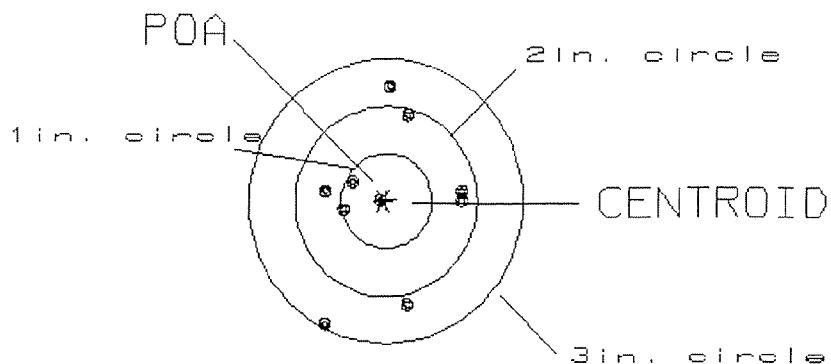
6

PATTERN #: 4
 POA TO CENTROID: .031
 MIN RADIUS : .083
 MEAN RADIUS : .800
 MAX RADIUS : 1.423
 CENTROID X : -.030
 CENTROID Y : -.009

3 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6374617

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 1.55

3

VS= 2.43

7

GS= 2.53

10

BARBER - M24 0118933

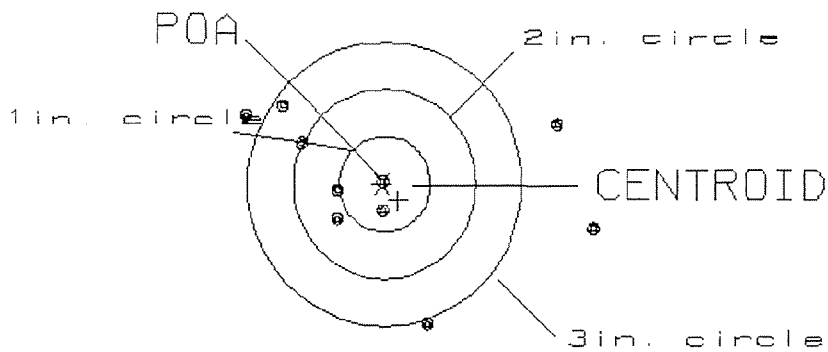
REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 5 ☐
POA TO CENTROID: .248
MIN RADIUS : .022
MEAN RADIUS : 1.142
MAX RADIUS : 2.349
CENTROID X : -.179
CENTROID Y : .172

3 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6374617

CENTERFIRE PATTERN # 5

OF SHOTS= 10

IN CIRCLE

HS= 3.81

2

VS= 2.27

4

GS= 3.99

6

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

R & E NUMBER			
SERIAL NUMBER <u>E6374617</u>			
LOG-IN DATE <u>2-17-01</u>			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	<u>2-21-01</u>	<u>RL</u>
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	<u>3-23-01</u>	<u>RL</u>
605	CHECK HEADSPACE	<u>3-23-01</u>	<u>RL</u>
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	<u>4-3-01</u>	<u>RL</u>
655	FINAL INSPECT	<u>4-4-01</u>	<u>RL</u>
660	PACK		
		SHIP DATE	
		QAR INSPECTION DATE	

Final Inspection

Sn: F0374617

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:

BARBER - M24 0118936 REPORT

COMMENTS

 ORDER
 R 98-05069

INITIAL CUSTOMER ORDER NO.

WOG 12 OF 23

JIM

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

02/24/98

02/24/98

06225249

E6374617

700 7.62

NATO

ACCESSORIES

SCOPE BASE

W/STUDS

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

TRIGGER GROUP

BOLT ASSY.

BARREL ASSY.

REC. ASSY.

WOOD

METAL

MAIN FAULT

PARTS

COMMENTS

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RM920 REV. 7-97

 CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
 KINZER V. REMINGTON

BARBER - M24 0118936 18975

BARBER - M24 0118937

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # E6374617
19 May 1998

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1586
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .306
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .344659

THE AMR FOR THIS RIFLE IS: 1.157

CENTROIDAL DISTANCES

0	TO	1	.298002
1	TO	2	.233041
1	TO	3	.326735
1	TO	4	.203482
1	TO	5	.287139

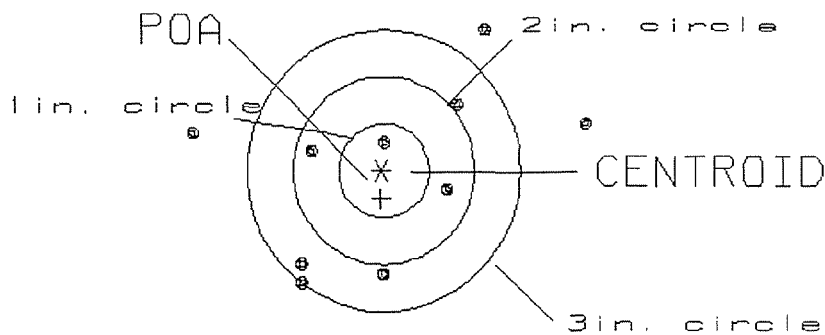
4³
1 2
+5 <----POA

PATTERN #: ☐ 1 ☐
 POA TO CENTROID: .298
 MIN RADIUS : .331
 MEAN RADIUS : 1.322
 MAX RADIUS : 2.269
 CENTROID X : .001
 CENTROID Y : .298

19 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6374617

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 4.36
 VS= 2.72
 GS= 4.36

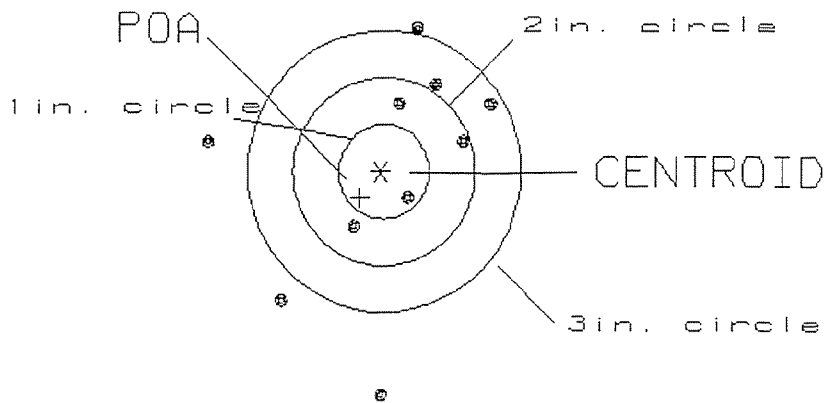
1
 3
 6

PATTERN #: 2
 POA TO CENTROID: .361
 MIN RADIUS : .366
 MEAN RADIUS : 1.285
 MAX RADIUS : 2.389
 CENTROID X : .233
 CENTROID Y : .276

19 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6374617

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.08
 VS= 3.89
 GS= 3.91

1
 4
 5

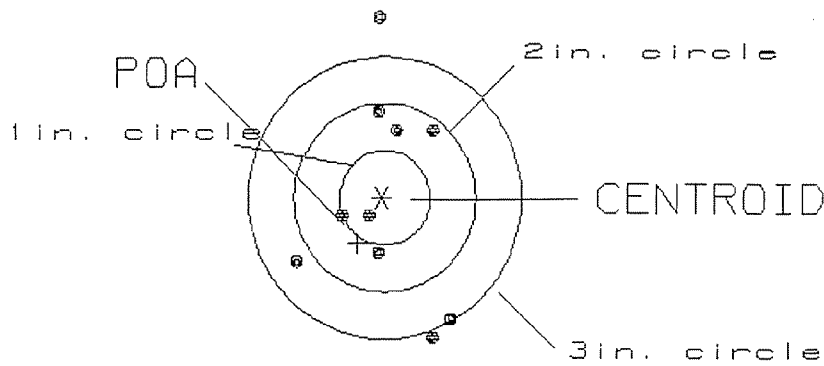
PATTERN #: 3

POA TO CENTROID: .553
 MIN RADIUS : .236
 MEAN RADIUS : .999
 MAX RADIUS : 1.935
 CENTROID X : .271
 CENTROID Y : .482

19 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6374617

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 1.69
 VS= 3.40
 GS= 3.46

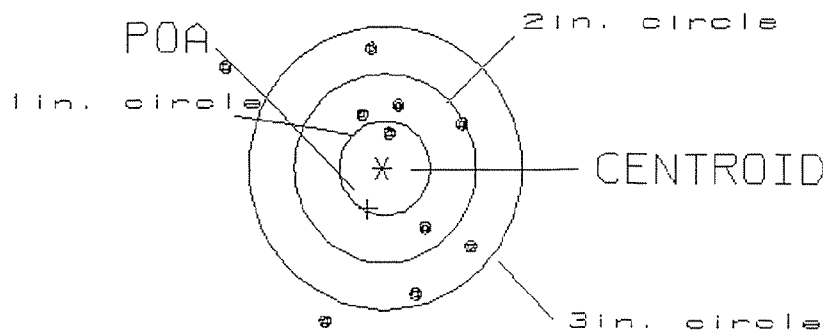
1
 6
 8

PATTERN #: 4
 POA TO CENTROID: .458
 MIN RADIUS : .357
 MEAN RADIUS : 1.099
 MAX RADIUS : 2.051
 CENTROID X : .155
 CENTROID Y : .431

19 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6374617

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.72

1

VS= 2.84

5

GS= 3.34

8

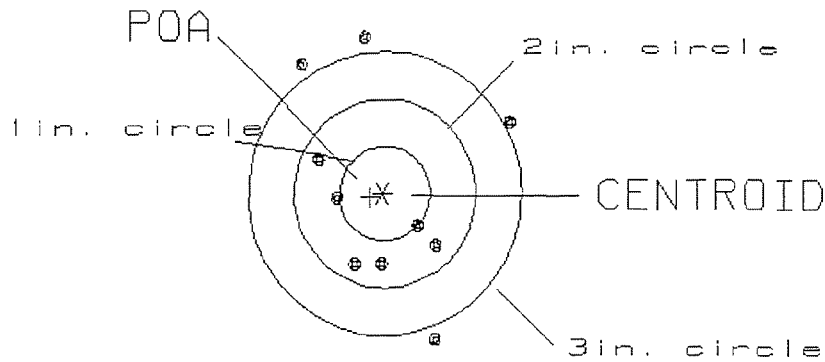
PATTERN #: 5

POA TO CENTROID: .140
 MIN RADIUS : .501
 MEAN RADIUS : 1.078
 MAX RADIUS : 1.659
 CENTROID X : .133
 CENTROID Y : .043

19 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6374617

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.27

0

VS= 3.16

6

GS= 3.26

6