

EC374617 New
C6225219 000

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: **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 Phone: Fax: Email: Comments:	Received Condition Good Condition Notes: CSR Notes:	Accessories Received <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> </tbody> </table>	Code	Desc	Qty	A007	With Stud	3
Code	Desc	Qty						
A007	With Stud	3						

Repair Search Refresh Close

naglej 9/30/2003 8:43 AM CAPS NUM INS SCPL
 start & Prop 4 Intra Intra 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

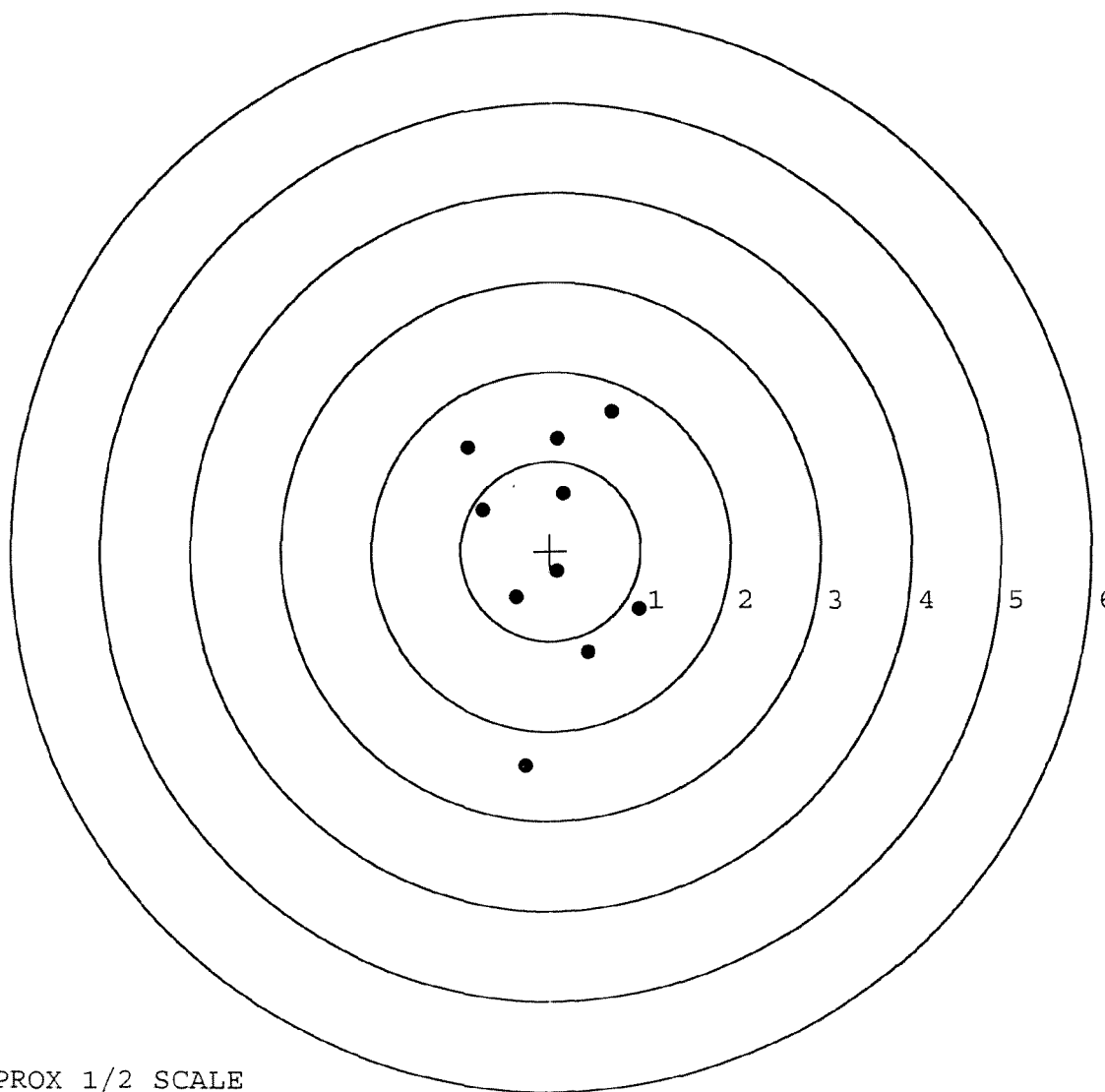
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

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

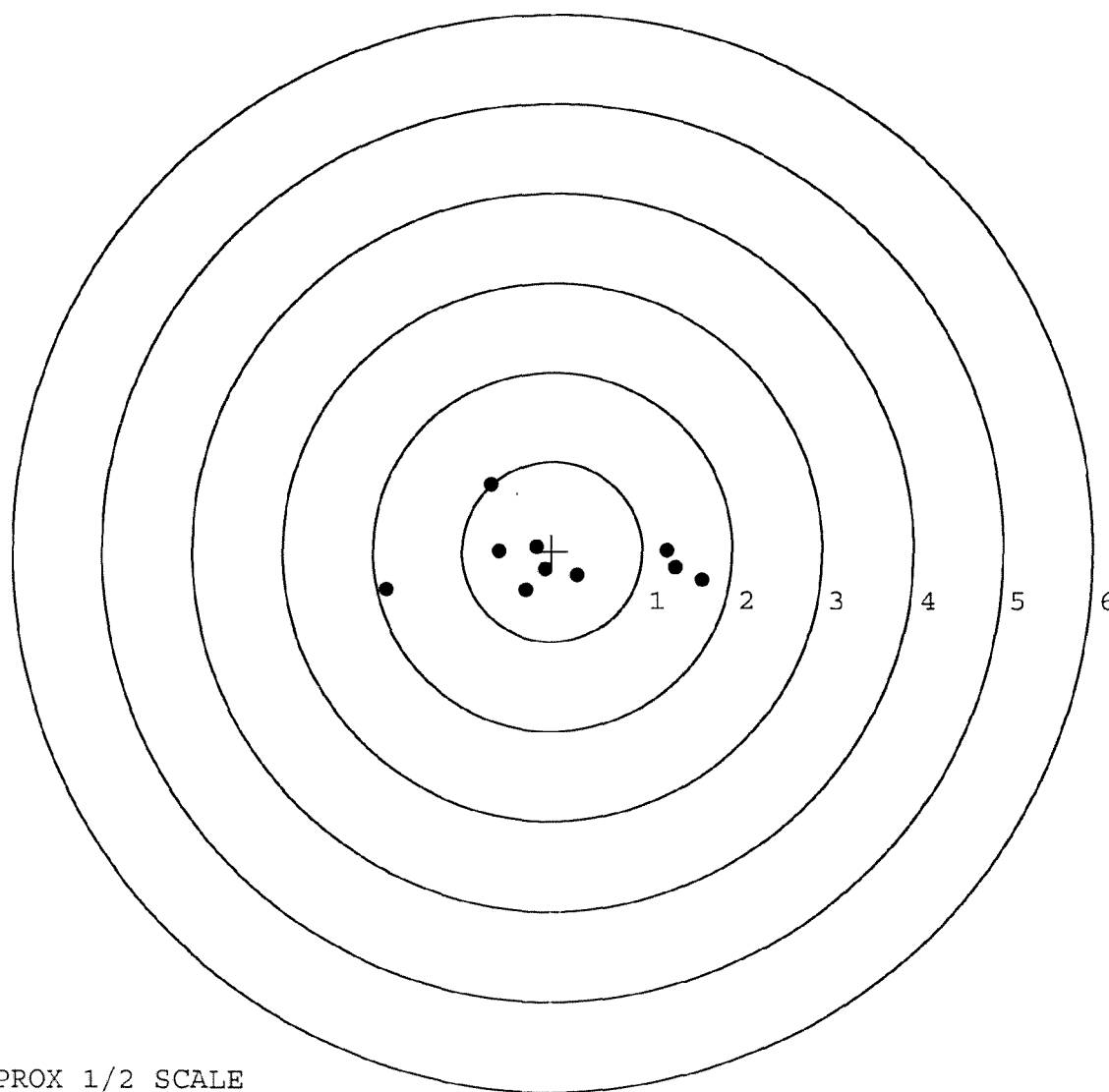


TARGET APPROX 1/2 SCALE

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

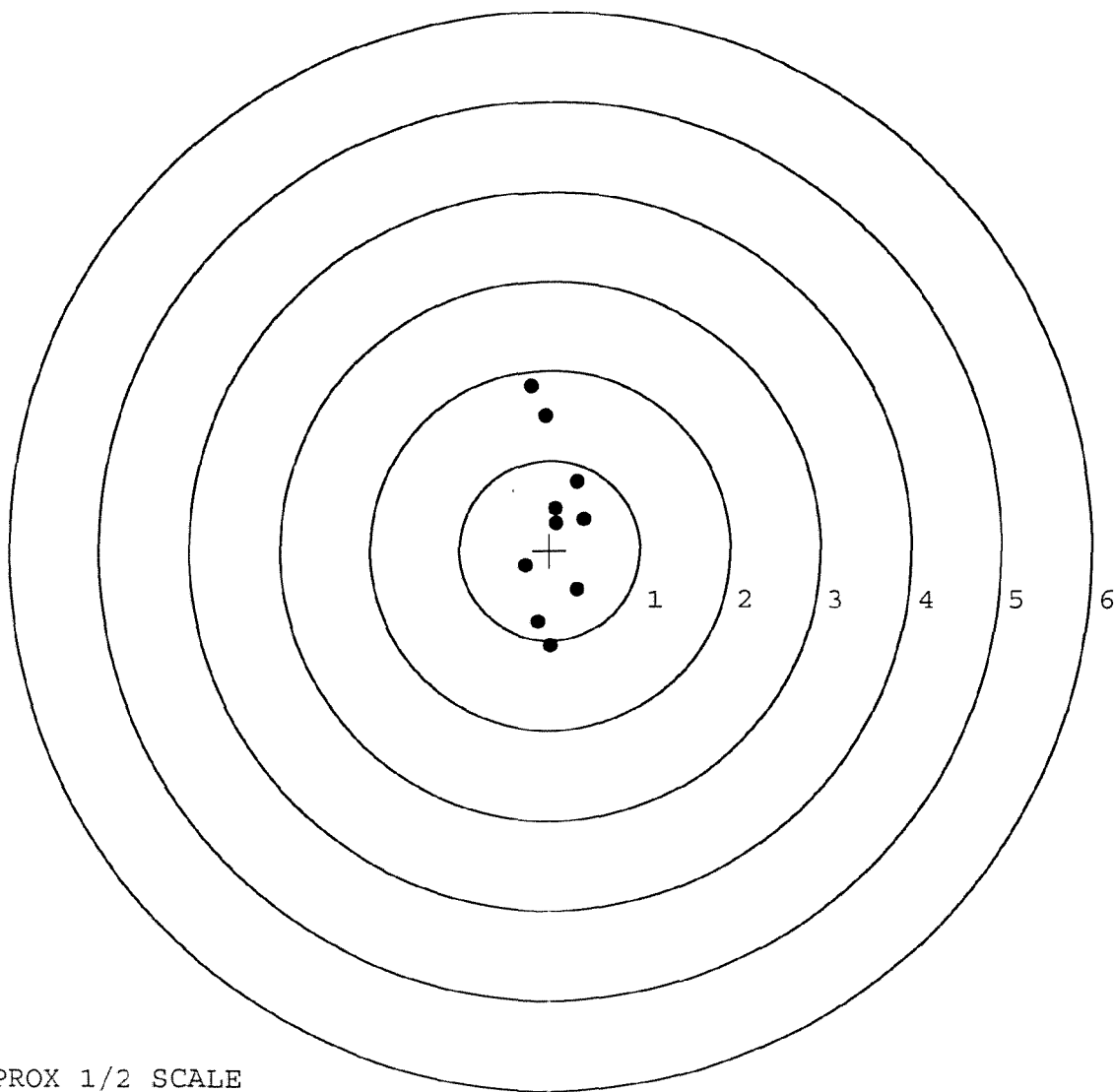


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6374617. 0
TARGET NUMBER: 3
FILE DATE: 10/29/2003
FILE TIME: 18:46

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

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

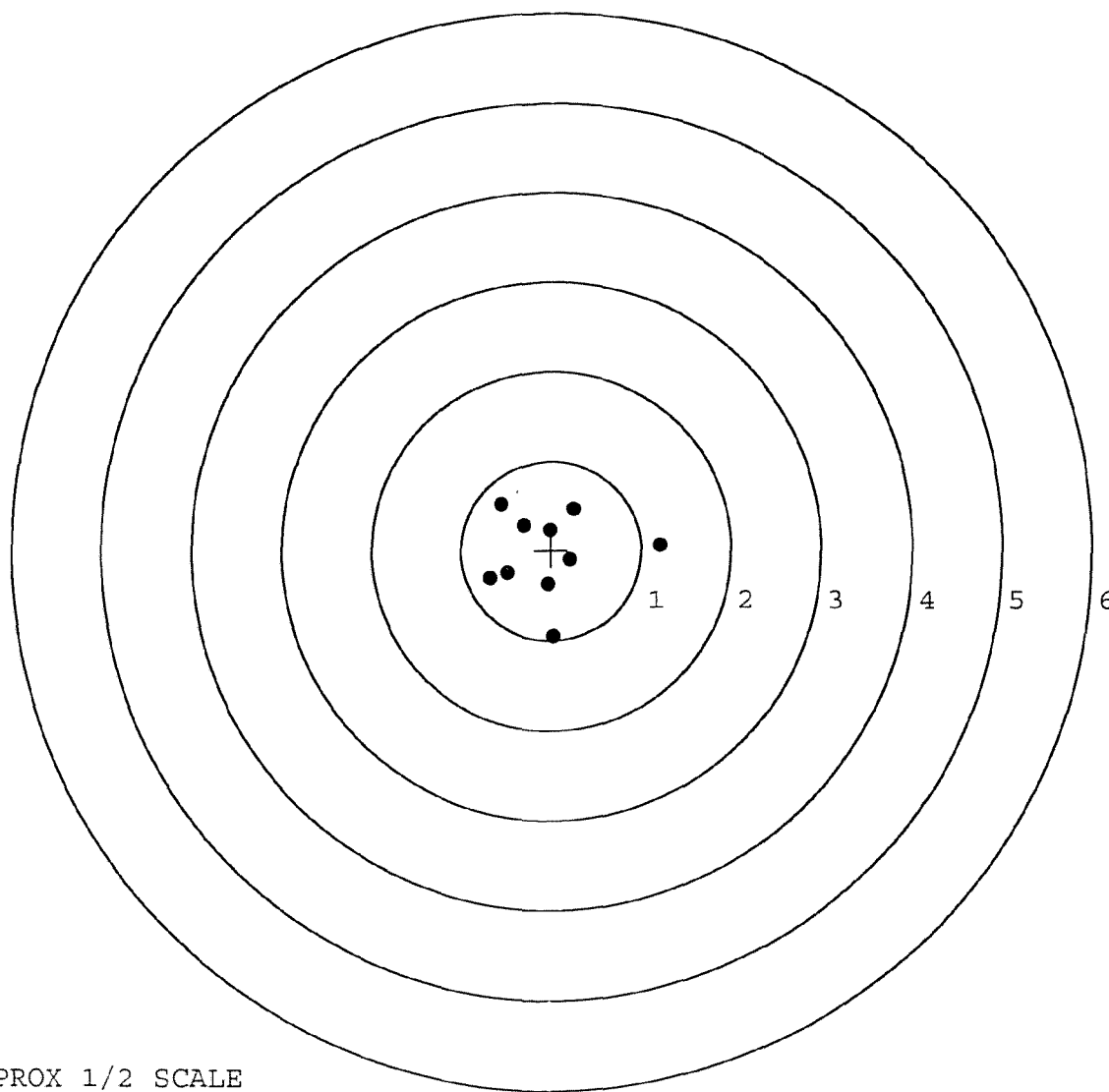


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6374617. __0
TARGET NUMBER: 4
FILE DATE: 10/29/2003
FILE TIME: 18:46

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

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



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

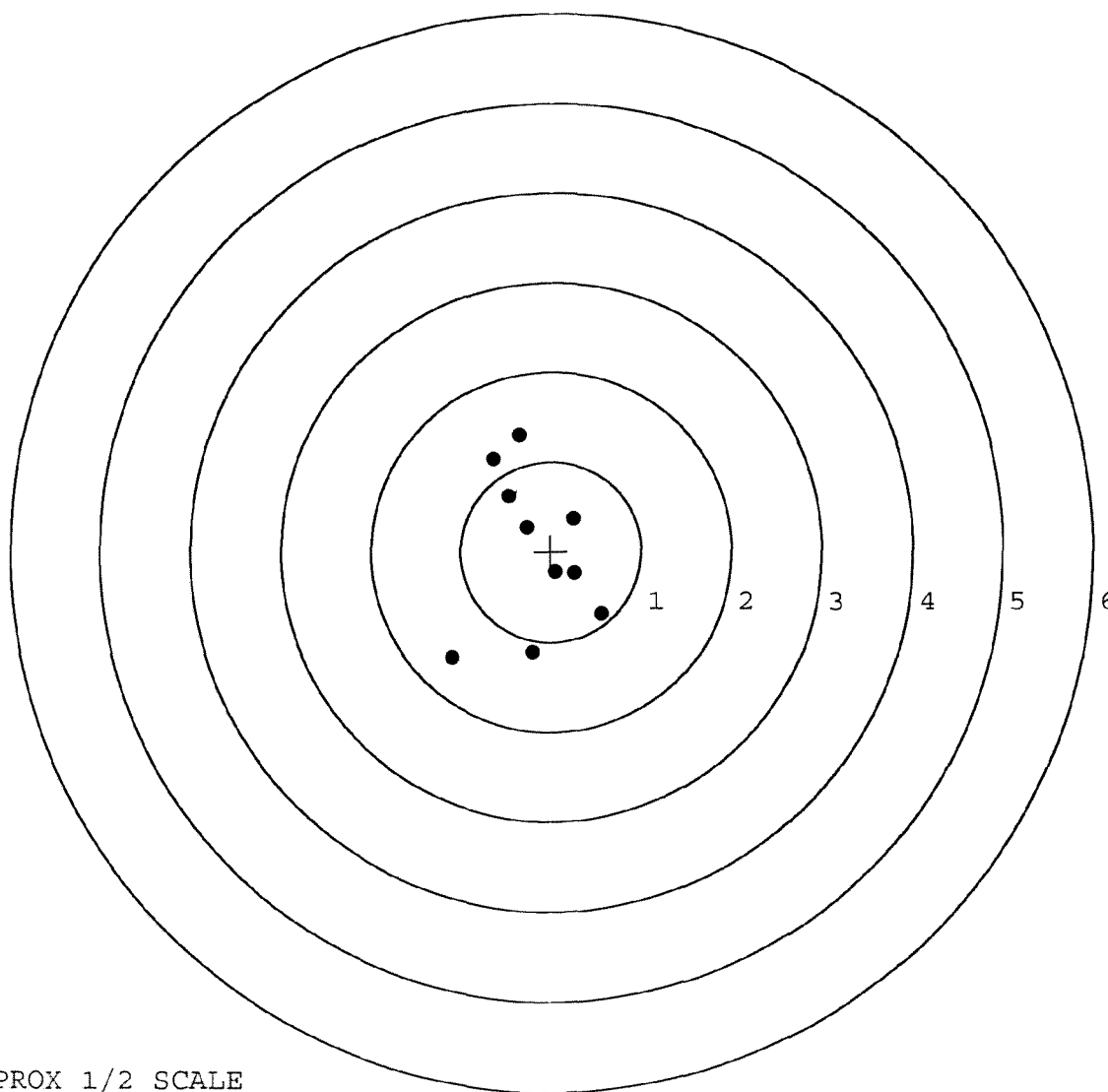
MAX RADIUS: 1.493

MEAN RADIUS: 0.843

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

FINAL INSPECTION CHECKLIST M-24 REPAIRS
CONTRACT #: DAAE-20-02-D-0127

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:

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

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	RTL
560 A	RE-BARREL	10-8-03	RTL
B	DRILL AND TAP	10-10-03	TRW
575	ASSEMBLE	10-8-03	RTL
600	PROOF	10-9-03	AC
605	CHECK HEADSPACE	10-9-03	AC
610	DIS-ASSEMBLE GUN	10-10-03	RTL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	10-11-03	B3
618	ROTO-BLAST	10/13/2003	Dans
620	APPLY COATINGS	10-15	TA
625 A	FINAL ASSEMBLY	10-24-03	RTL
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	RTL
660	PACK	10-30-03	RA
		SHIP DATE	
QAR INSPECTION DATE			

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



RE00023092

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

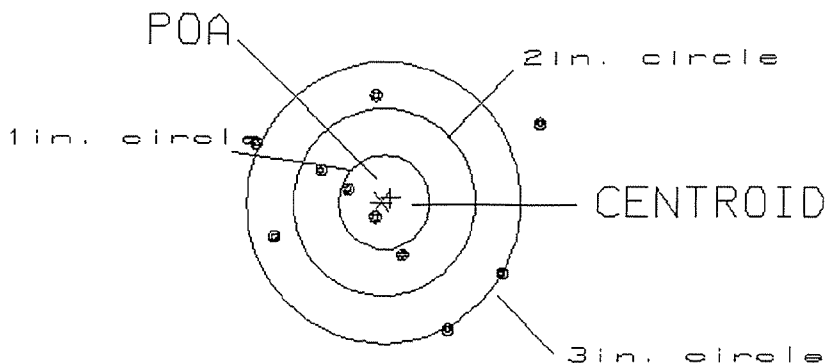
5
1+ 3 <----POA
2

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

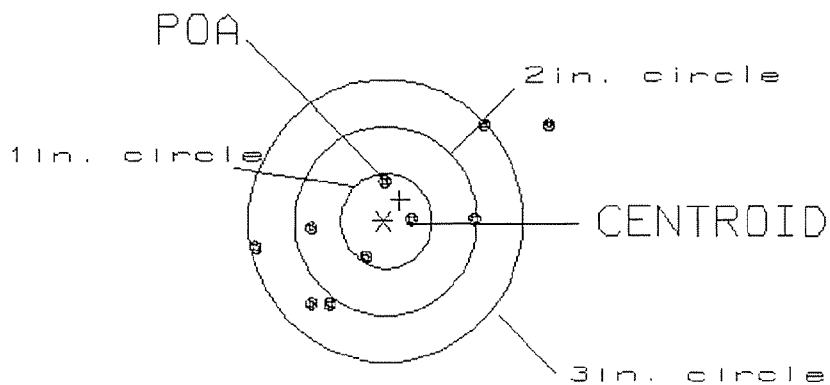
7

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

3

VS= 1.98

5

GS= 3.48

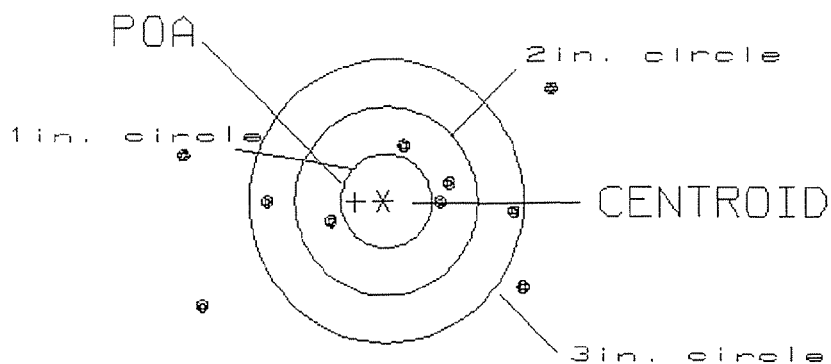
9

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

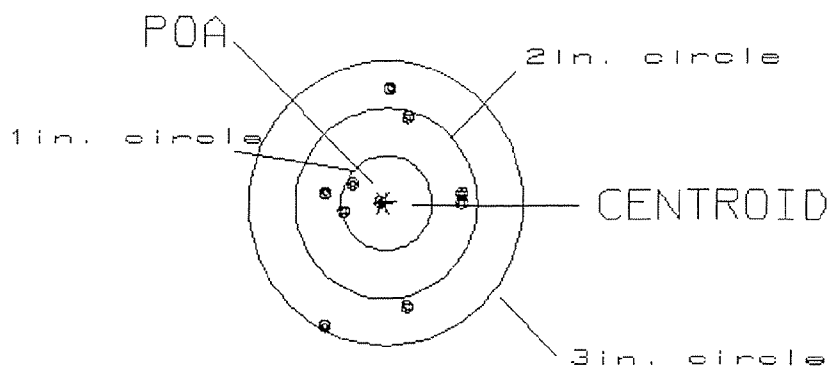
6

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

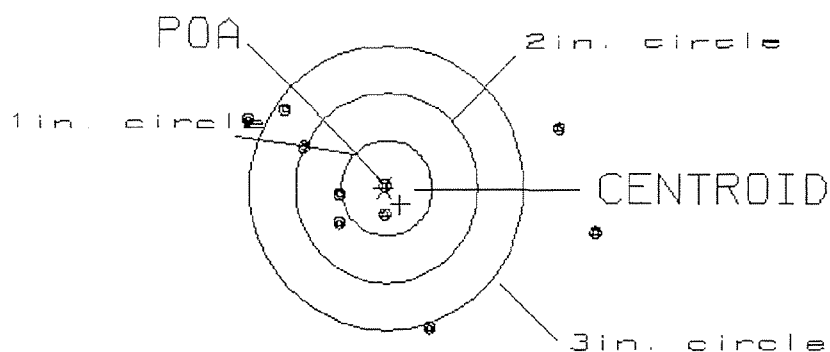
10

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
 VS= 2.27
 GS= 3.99

2
 4
 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	2-21-01	RW
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	3-23-01	RW
605	CHECK HEADSPACE	3-23-01	RW
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	4-3-01	RW
655	FINAL INSPECT	4-4-01	RW
660	PACK		
		SHIP DATE	
		QAR INSPECTION DATE	

Final Inspection

S#: 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:

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

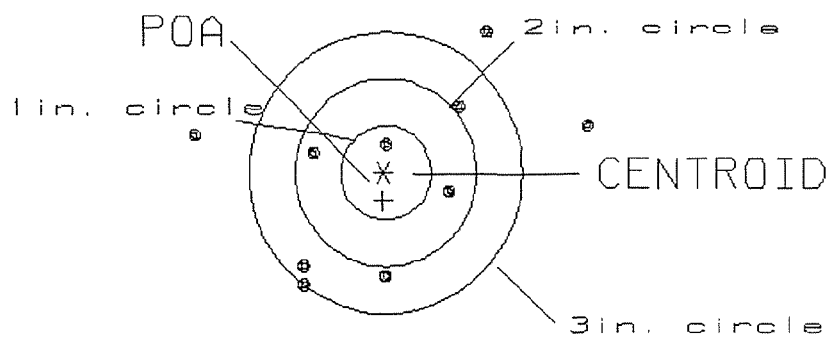
43
1 2
+5 <----POA

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

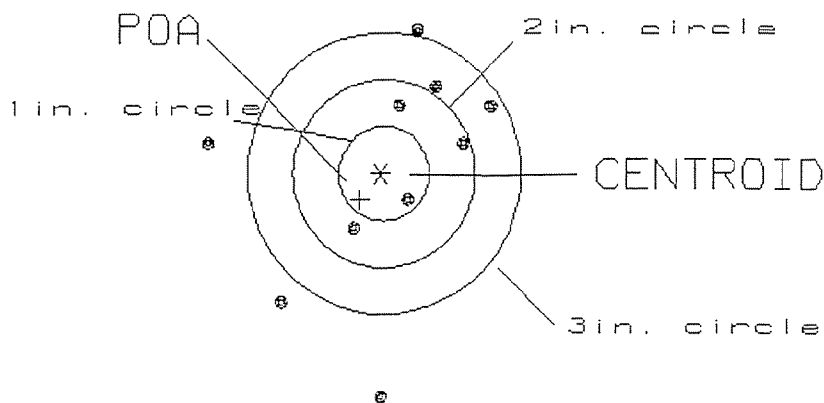
1
 3
 6

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
 6

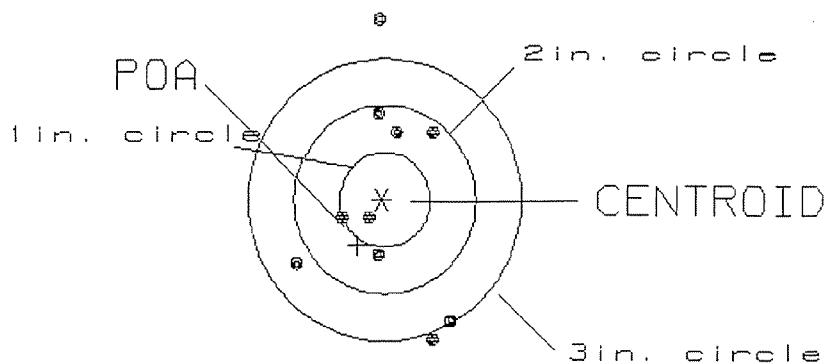
PATTERN #: 3

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

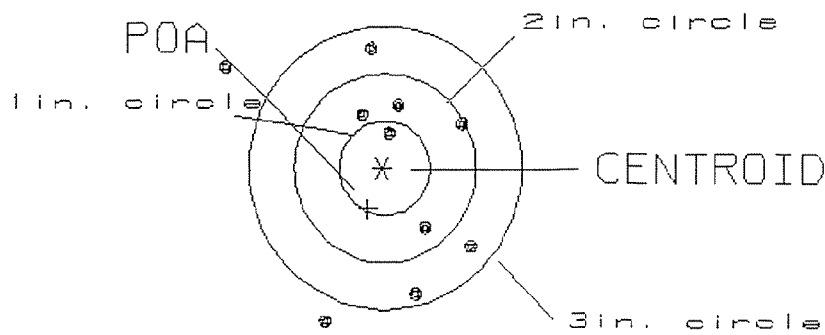
1
 6
 8

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

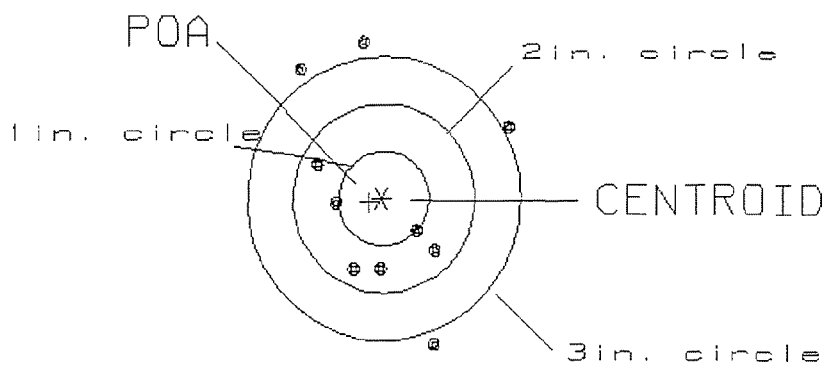
PATTERN #: 5

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