

E 637 4549

NEW

C 622 5239

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: **RE00085638** Serial: E6374549 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 9/29/2004 2:36:30 PM

Verify Repair

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

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

nagletj 9/28/2004 2:47 PM CAPS INUM INS SCPL

start 2 3 4

Serial Number: **E6374549**

Model: **M24 SWS**



RE00085638

For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG

USAPPC V1.10

M2400128491

AVERAGE PULL FORCE BETWEEN
 INITIAL & CYCLE TESTS
 2.50 LBS (plus or minus 0.50 LBS)
 3.00 LBS (plus or minus 0.75 LBS)
 4.00 LBS (plus or minus 1.00 LBS)

DATE 10-18-04
 TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.62	2.68		2.85	
PULL #2	2.79	2.71		2.76	
PULL #3	2.71	2.77		2.84	
PULL #4	2.62	2.74		2.77	
PULL #5	2.60	2.71		2.65	
TOTAL	13.34	13.61		13.90	
AVERAGE	2.66	2.72		2.78	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.19	3.22		
PULL #2	3.20	3.12		
PULL #3	3.29	3.11		
PULL #4	3.30	3.06		
PULL #5	3.25	3.14		
TOTAL	16.23	15.65		
AVERAGE	3.24	3.13		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	4.13	4.43		4.19
PULL #2	4.20	4.36		4.20
PULL #3	4.16	4.40		4.17
PULL #4	4.20	4.37		4.19
PULL #5	4.18	4.38		4.20
TOTAL	20.87	21.94		20.95
AVERAGE	4.17	4.38		4.19

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: E6374549.___0

FILE DATE AND TIME: 11/02/2004 08:57

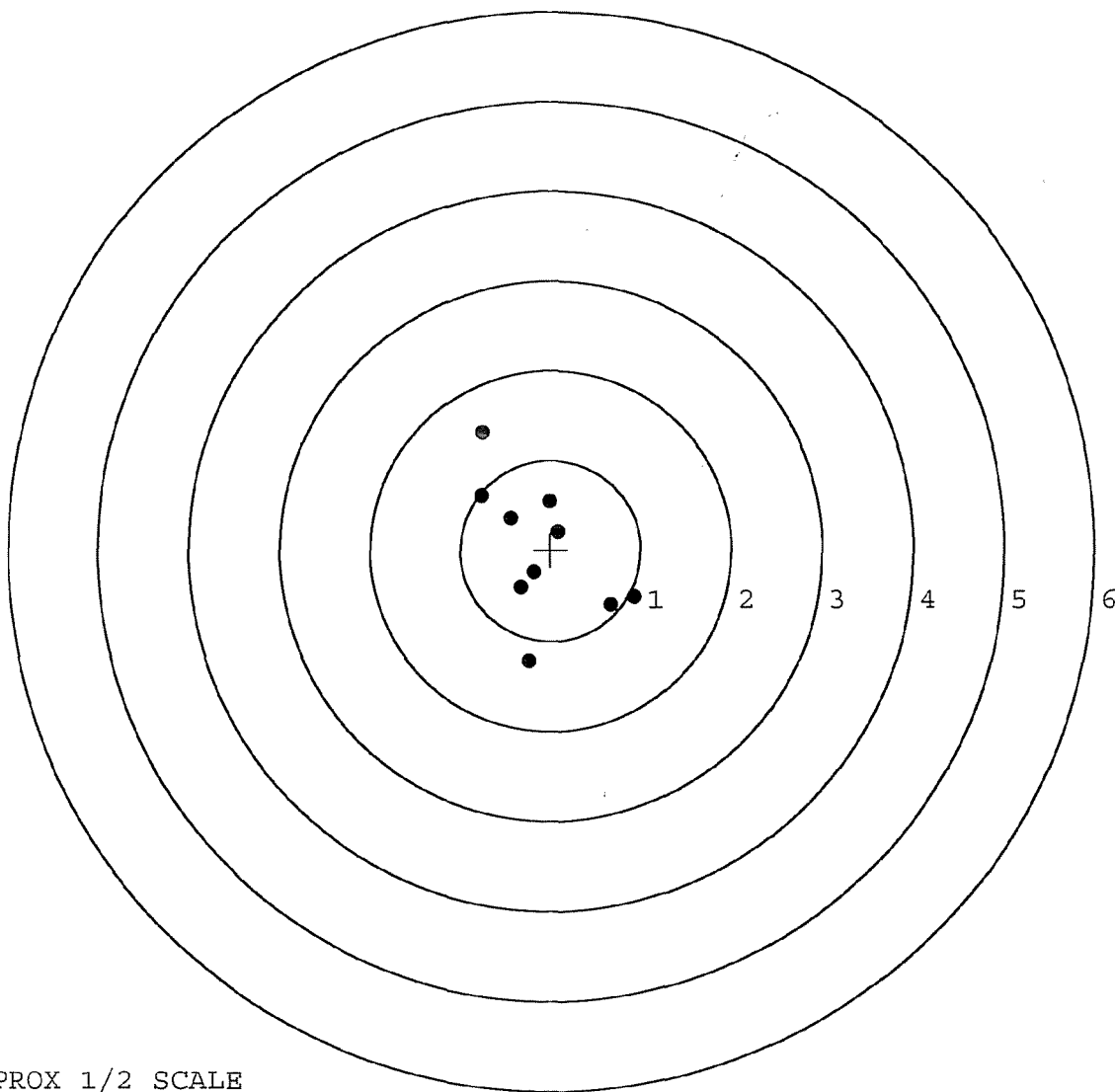
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.020
The Average Y Centroid of the Five Target Set:	-0.038
The Average Point of Impact of the Five Target Set:	0.043
The Average Mean Radius of the Five Target Set:	0.733
The Distance from POA to Centroid Target #1:	0.103
The Distance from Centroid Target #2 to Centroid Target #1:	0.039
The Distance from Centroid Target #3 to Centroid Target #1:	0.286
The Distance from Centroid Target #4 to Centroid Target #1:	0.164
The Distance from Centroid Target #5 to Centroid Target #1:	0.280

SERIAL NUMBER: E6374549. __0
TARGET NUMBER: 1
FILE DATE: 11/02/2004
FILE TIME: 08:57

X CENTROID: -0.103
Y CENTROID: -0.002
POA TO CENTROID: 0.103
HORZ SPREAD: 1.695
VERT SPREAD: 2.541
GROUP SPREAD: 2.594
MIN RADIUS: 0.262
MAX RADIUS: 1.465
MEAN RADIUS: 0.780
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.933	-0.523
2:	0.671	-0.612
3:	-0.234	-1.233
4:	-0.758	1.308
5:	-0.762	0.607
6:	-0.443	0.359
7:	-0.008	0.540
8:	0.084	0.201
9:	-0.183	-0.252
10:	-0.331	-0.418

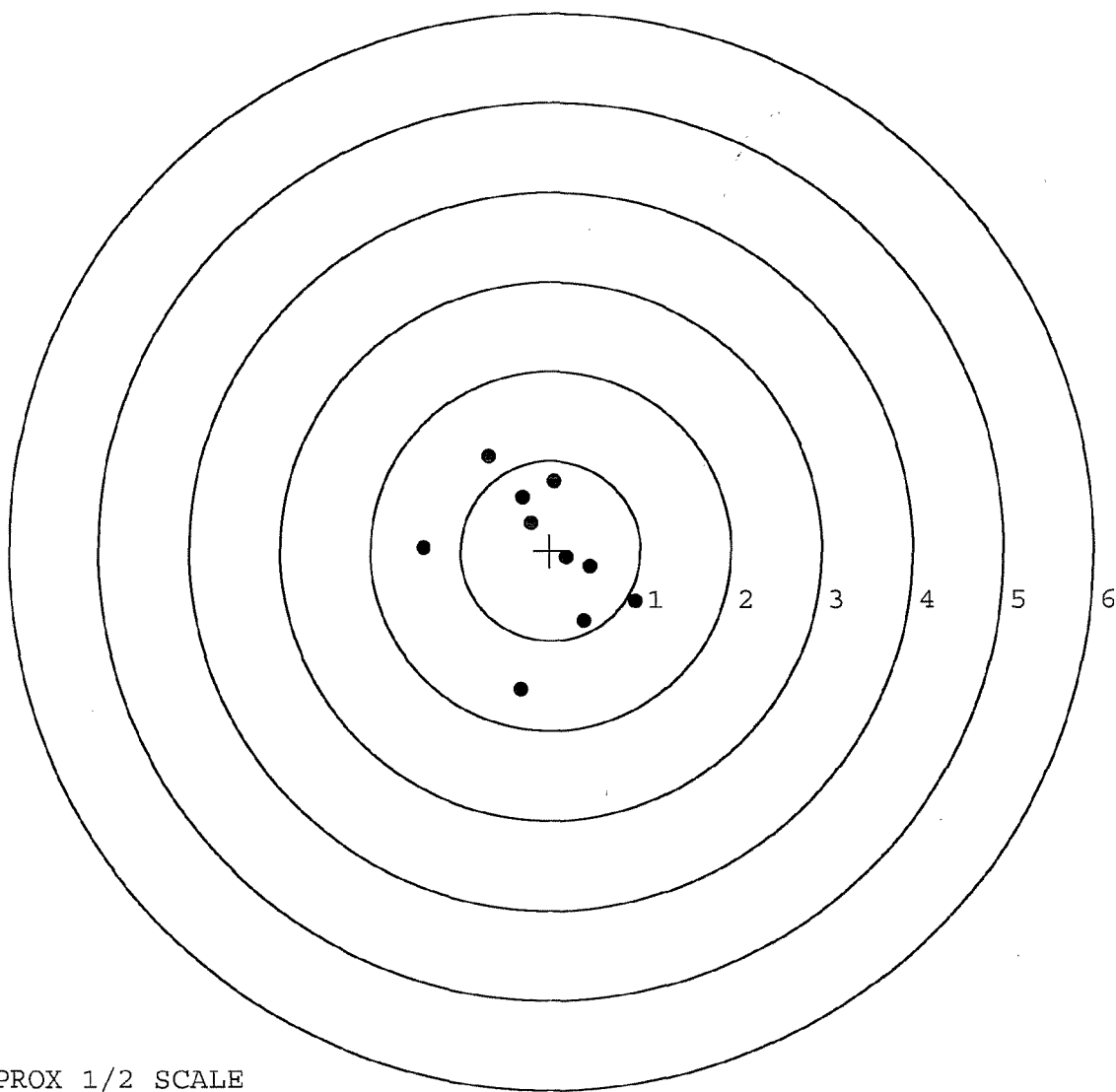


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6374549. __0
TARGET NUMBER: 2
FILE DATE: 11/02/2004
FILE TIME: 08:57

X CENTROID: -0.096
Y CENTROID: -0.040
POA TO CENTROID: 0.104
HORZ SPREAD: 2.359
VERT SPREAD: 2.595
GROUP SPREAD: 2.619
MIN RADIUS: 0.284
MAX RADIUS: 1.526
MEAN RADIUS: 0.883
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.945	-0.571
2:	0.441	-0.174
3:	0.185	-0.083
4:	0.373	-0.783
5:	-0.330	-1.548
6:	-1.414	0.035
7:	-0.215	0.307
8:	-0.310	0.597
9:	0.049	0.771
10:	-0.683	1.047

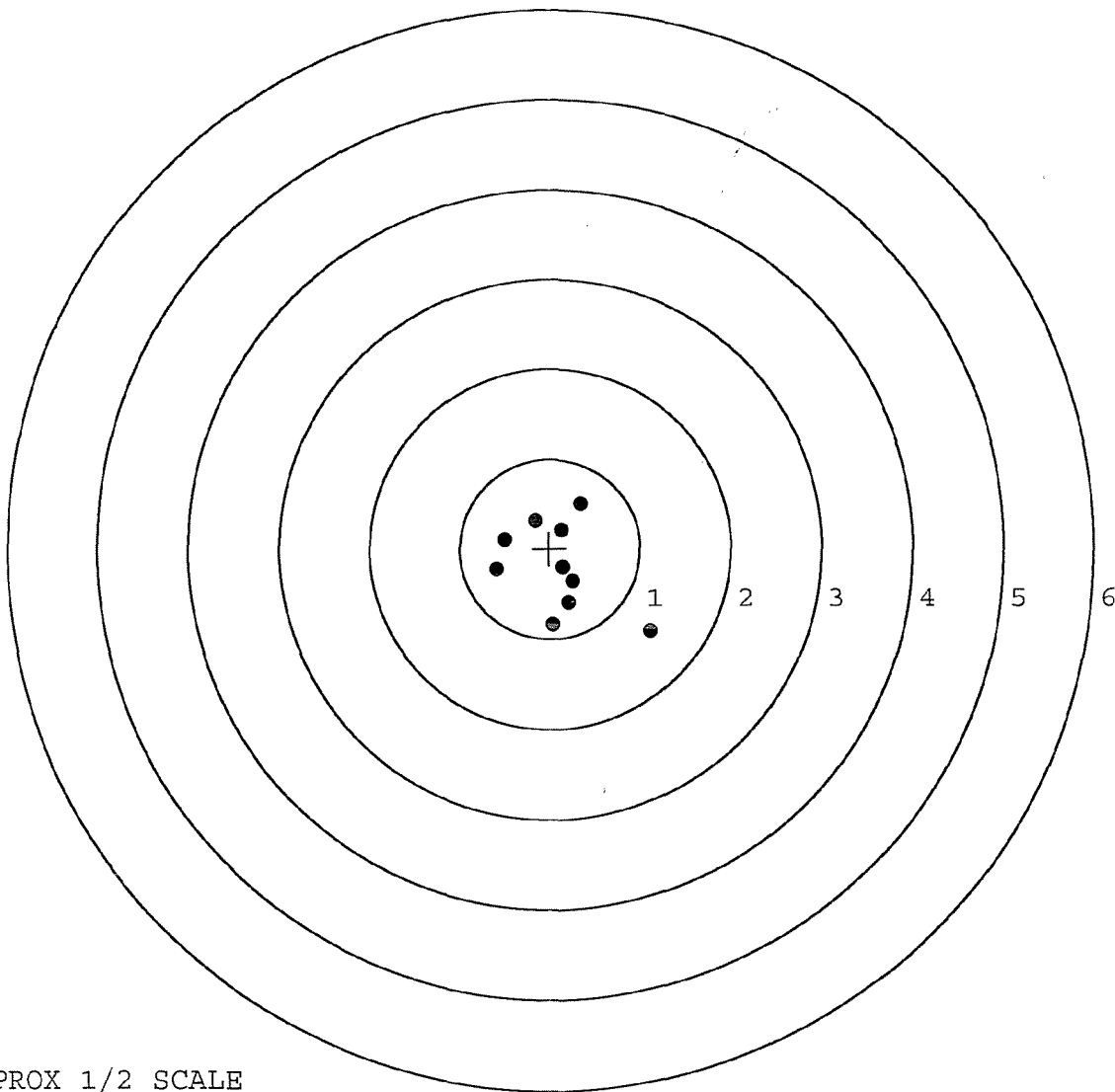


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6374549. __0
TARGET NUMBER: 3
FILE DATE: 11/02/2004
FILE TIME: 08:57

X CENTROID: 0.098
Y CENTROID: -0.206
POA TO CENTROID: 0.228
HORZ SPREAD: 1.701
VERT SPREAD: 1.429
GROUP SPREAD: 1.912
MIN RADIUS: 0.049
MAX RADIUS: 1.241
MEAN RADIUS: 0.569
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.110	-0.924
2:	0.034	-0.853
3:	-0.591	-0.231
4:	-0.501	0.105
5:	-0.161	0.308
6:	0.344	0.505
7:	0.127	0.210
8:	0.147	-0.209
9:	0.256	-0.364
10:	0.212	-0.603



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6374549. __0

TARGET NUMBER: 4

FILE DATE: 11/02/2004

FILE TIME: 08:57

X CENTROID: 0.051

Y CENTROID: -0.057

POA TO CENTROID: 0.077

HORZ SPREAD: 1.583

VERT SPREAD: 1.792

GROUP SPREAD: 1.794

MIN RADIUS: 0.172

MAX RADIUS: 1.006

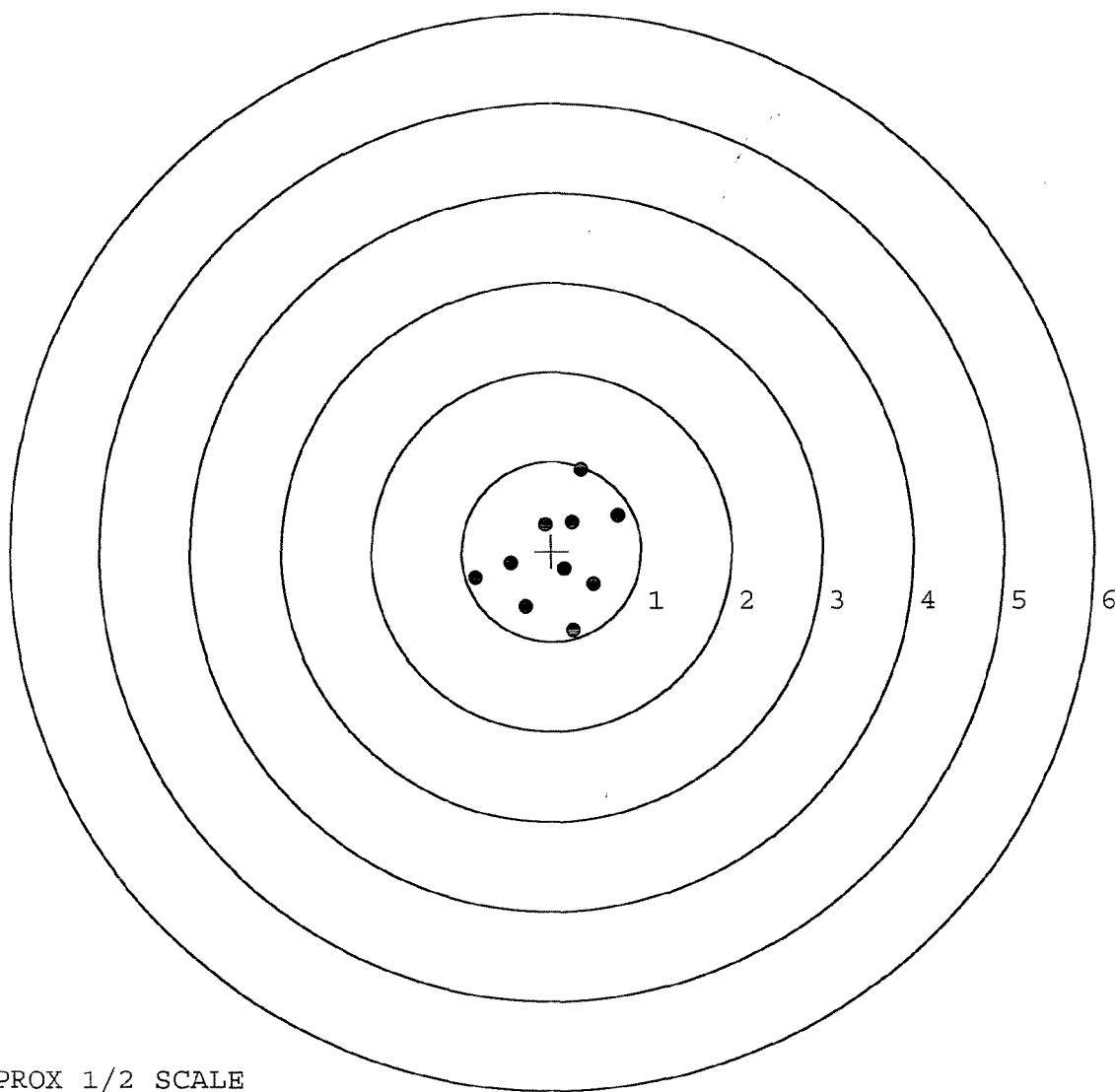
MEAN RADIUS: 0.626

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.241	-0.882
2:	-0.288	-0.620
3:	-0.449	-0.139
4:	-0.844	-0.298
5:	0.471	-0.368
6:	0.151	-0.197
7:	0.231	0.328
8:	-0.071	0.298
9:	0.739	0.396
10:	0.329	0.910



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6374549. __0

TARGET NUMBER: 5

FILE DATE: 11/02/2004

FILE TIME: 08:57

POINT#	X	Y
1:	0.467	-0.575
2:	-0.297	-1.126
3:	-0.206	-0.832
4:	-0.228	-0.416
5:	-0.588	0.658
6:	0.179	0.289
7:	0.186	0.601
8:	0.643	0.634
9:	0.808	0.878
10:	0.540	1.061

X CENTROID: 0.150

Y CENTROID: 0.117

POA TO CENTROID: 0.191

HORZ SPREAD: 1.396

VERT SPREAD: 2.187

GROUP SPREAD: 2.342

MIN RADIUS: 0.174

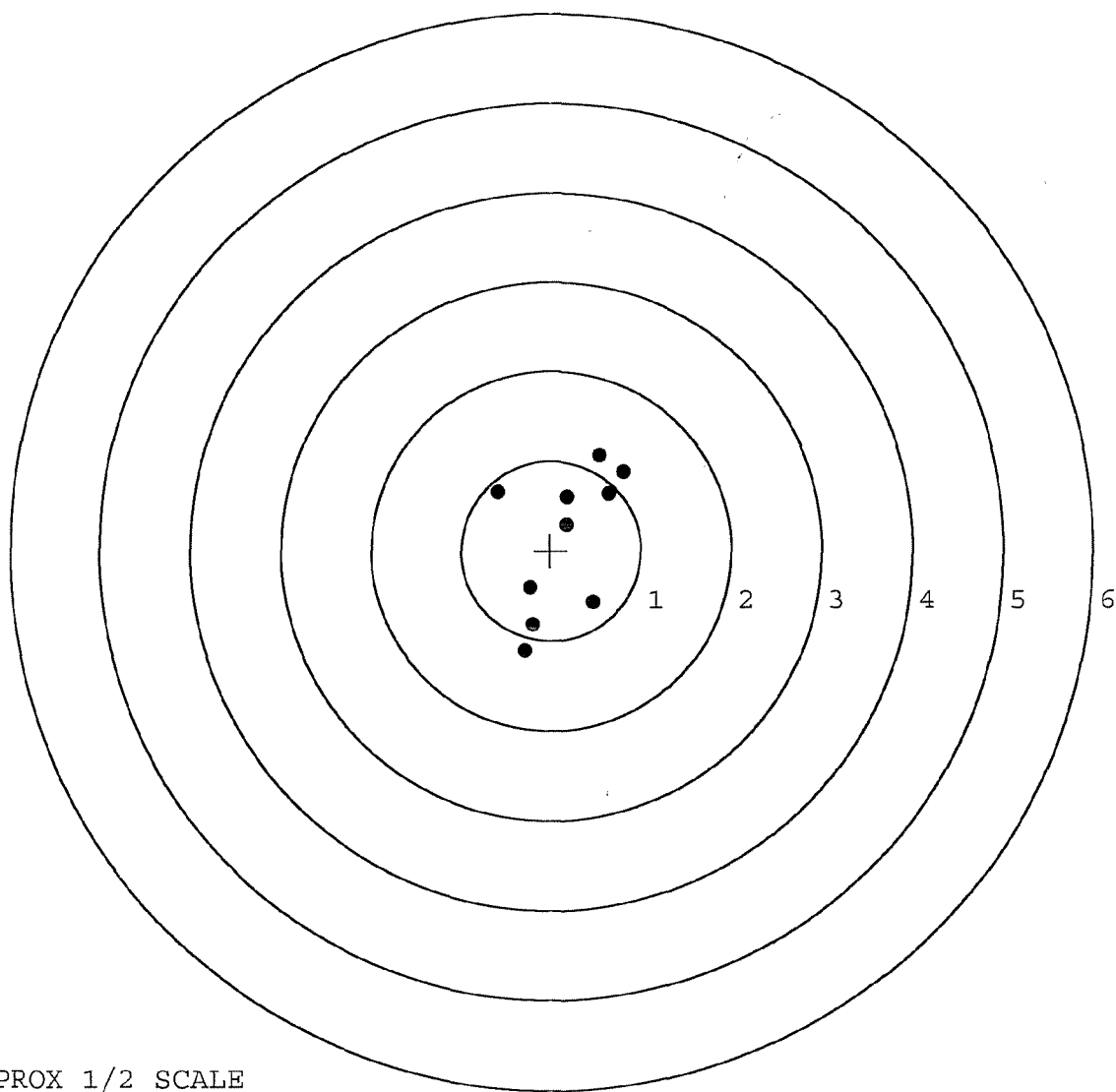
MAX RADIUS: 1.321

MEAN RADIUS: 0.807

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	85638		
SERIAL NUMBER	E 6374549		
LOG-IN DATE	9-28-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-6-04	AC
560 A	RE-BARREL	10-7-04	AC
B	DRILL AND TAP	10-12-04	TRW
575	ASSEMBLE	10-8-04	RTZ
600	PROOF	10-11-04	AC
605	CHECK HEADSPACE	10-12-04	RTZ
610	DIS-ASSEMBLE GUN	10-12-04	RTZ
612	MAGNAFLUX		
615	ROLLMARK CALIBER	10/13/04	CB
618	ROTO-BLAST	10/14/04	CB
620	APPLY COATINGS	10/23/04	HP
625 A	FINAL ASSEMBLY	10-27-04	RTZ
B	TRIGGER PULL TEST	11-3-04	DA
C	SAFETY "ON" FORCE	11-3-04	DA
D	SAFETY "OFF" FORCE	11-3-04	DA
E	FIRING PIN INDENT	11-3-04	DA
640	TARGET	11-2-04	TRW
655	FINAL INSPECT	11-3-04	AC
660	PACK	11-4-04	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: **RE00023089** Serial: **E6374549** Model: **700** Center Fire Caliber: **Z 62 NATO M 24 (SWS)** Repairman:
 Verify Repair Status: **Closed 2/16/01 10:45:43 AM**

Address Information

Customer: ☒ Received From Return To: ☒ Received From

Name: **C CO SPT BN** **C CO SPT BN**
 Address 1: **USA JFK SWCS** **USA JFK SWCS**
 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

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 7:46 AM CAPS NUM NS SCRL

Start NIS Inb Expl Part SA Ar... Nag... Ne... 7:46 AM

Serial: **E6374549**

Model: **700**



RE00023089

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # E6374549
4 Apr 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.056
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0768
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0950486

THE AMR FOR THIS RIFLE IS: 1.068

CENTROIDAL DISTANCES

0 TO 1	.0920706
1 TO 2	.169744
1 TO 3	.0845281
1 TO 4	.0852115
1 TO 5	.245801

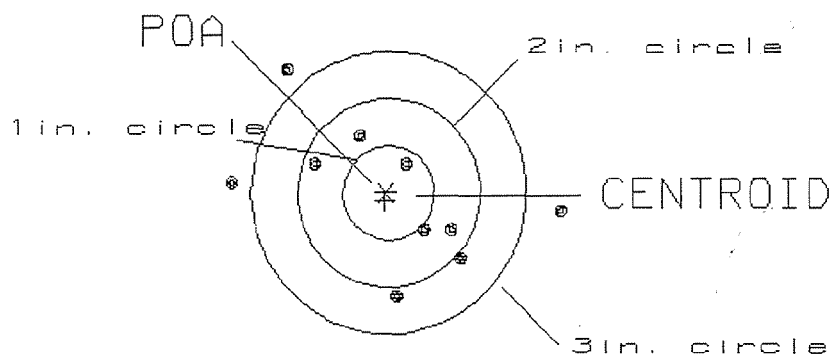
5 3/4
2" <----POA

PATTERN #: ☐ 1 ☐
 POA TO CENTROID: .092
 MIN RADIUS : .317
 MEAN RADIUS : 1.081
 MAX RADIUS : 1.899
 CENTROID X : .014
 CENTROID Y : .091

4 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6374549

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.62

1

VS= 2.38

5

GS= 3.63

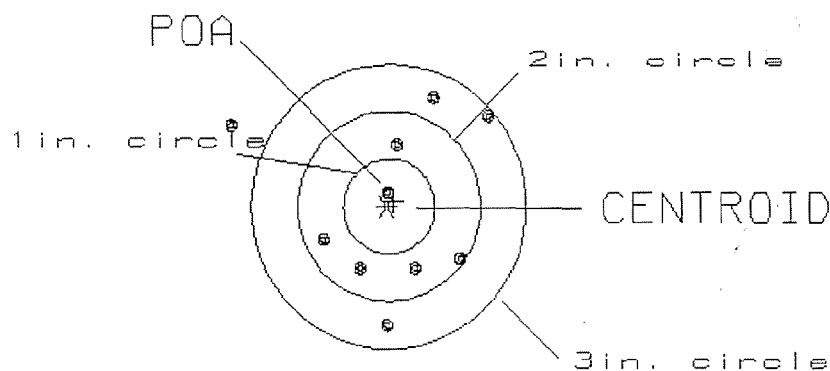
7

PATTERN #: ☐ 2 ☐
 POA TO CENTROID: .094
 MIN RADIUS : .137
 MEAN RADIUS : .973
 MAX RADIUS : 1.897
 CENTROID X : -.079
 CENTROID Y : -.051

4 Apr 2001

FILE:/Hqbasic/Accuracy/Patterning/Centerfire_Patt/E6374549

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.81

1

VS= 2.36

6

GS= 2.86

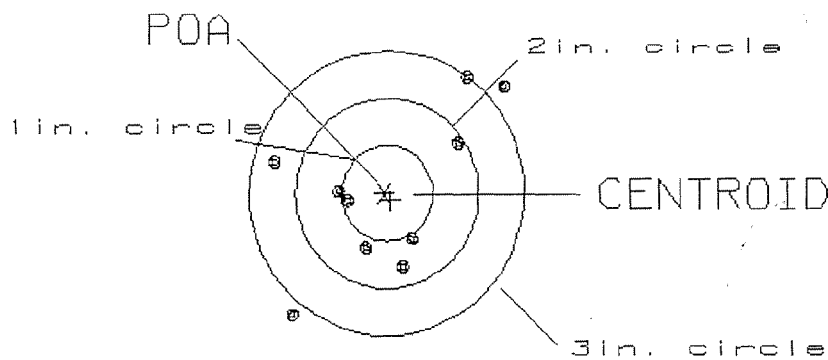
9

PATTERN #: 3
 POA TO CENTROID: .102
 MIN RADIUS : .440
 MEAN RADIUS : .999
 MAX RADIUS : 1.714
 CENTROID X : -.069
 CENTROID Y : .075

4 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6374549

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.56

2

VS= 2.56

6

GS= 3.33

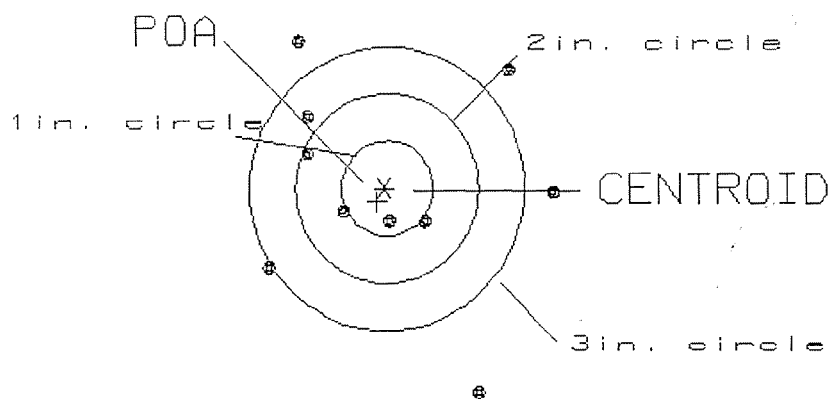
7

PATTERN #: 4
 POA TO CENTROID: .164
 MIN RADIUS : .367
 MEAN RADIUS : 1.298
 MAX RADIUS : 2.408
 CENTROID X : .083
 CENTROID Y : .141

4 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6374549

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.00
 VS= 3.69
 GS= 4.23

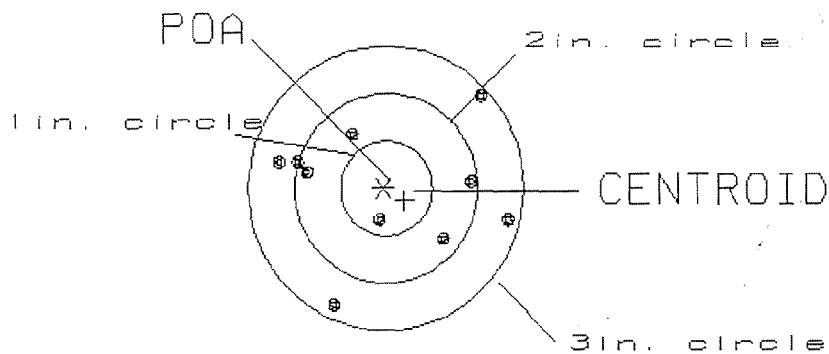
1
 4
 5

PATTERN #: 5
 POA TO CENTROID: .262
 MIN RADIUS : .346
 MEAN RADIUS : .991
 MAX RADIUS : 1.401
 CENTROID X : -.229
 CENTROID Y : .128

4 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6374549

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.41
 VS= 2.13
 GS= 2.67

1
 6
 10

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

R & E NUMBER			
SERIAL NUMBER <i>E6374549</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>CE</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

Sn: E6374549

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

COMMENTS

ORDER

R 98-05067

INITIAL CUSTOMER ORDER NO

WOC 11 OF 23

JLM

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

02/24/98

02/24/98

C6225239

E6374519

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

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

CUST NO: 113830 C.O.D

WRITE ☐

FROM 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

S

BOLT ASSY.

S

BARREL ASSY.

L

REC. ASSY.

D1

WOOD

C

METAL

C

MAIN FAULT

PARTS

COMMENTS

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

RD6925 REV. 7/97

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400128509

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # E6374549
19 May 1998

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1218
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2956
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .31971

THE AMR FOR THIS RIFLE IS: 1.147

CENTROIDAL DISTANCES

0 TO	1	.265008
1 TO	2	.222171
1 TO	3	.0636946
1 TO	4	.273412
1 TO	5	.336376

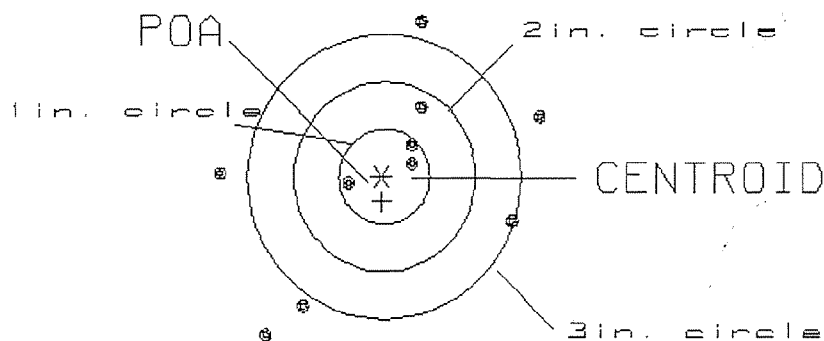
5
b 4
+ <----POA

PATTERN #: 1
 POA TO CENTROID: .265
 MIN RADIUS : .336
 MEAN RADIUS : 1.245
 MAX RADIUS : 2.115
 CENTROID X : -.002
 CENTROID Y : .265

19 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6374549

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.48
 VS= 3.26
 GS= 3.77

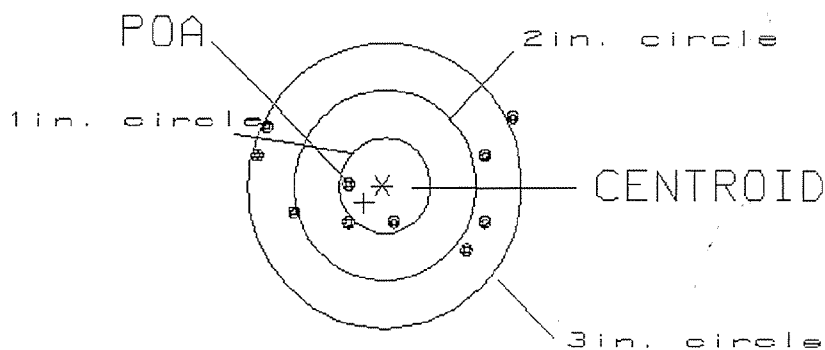
3
 4
 5

PATTERN #: 2
 POA TO CENTROID: .268
 MIN RADIUS : .372
 MEAN RADIUS : 1.033
 MAX RADIUS : 1.540
 CENTROID X : .202
 CENTROID Y : .177

19 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E66374549

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.79

2

VS= 1.42

3

GS= 2.82

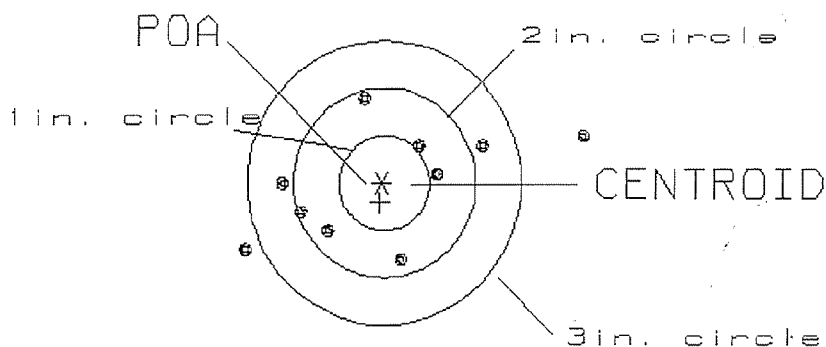
5

PATTERN #: 3
 POA TO CENTROID: .207
 MIN RADIUS : .550
 MEAN RADIUS : 1.072
 MAX RADIUS : 2.227
 CENTROID X : .022
 CENTROID Y : .206

19 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6374549

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.66

0

VS= 1.68

6

GS= 3.84

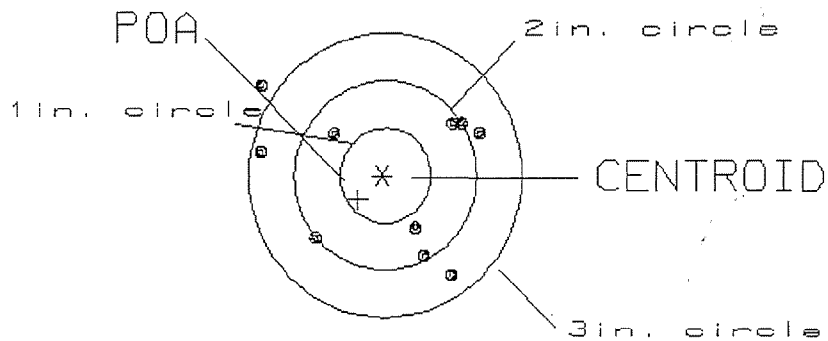
4

PATTERN #: 4
 POA TO CENTROID: .369
 MIN RADIUS : .692
 MEAN RADIUS : 1.075
 MAX RADIUS : 1.663
 CENTROID X : .271
 CENTROID Y : .250

19 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6374549

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.35
 VS= 2.02
 GS= 2.88

0
 4
 9

PATTERN #: ☐ 5 ☐

POA TO CENTROID: .591

MIN RADIUS : .284

MEAN RADIUS : 1.310

MAX RADIUS : 2.263

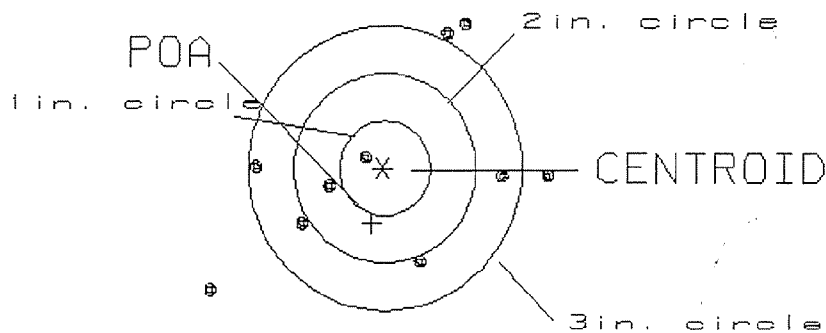
CENTROID X : .116

CENTROID Y : .580

19 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6374549

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.65

1

VS= 2.78

2

GS= 3.94

6