

E64/3555

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: RE00147686

Serial: E6413535 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: Closed 7/17/2008 6:22:05 AM

Verify Repair

Address Information

Customer:

Received From

Return To:

Received From

Name: PBO 1/75 RANGER REGIMENT

PBO 1/75 RANGER REGIMENT

Address 1: ATTN: WO1 CURTIS B MATHIS

ATTN: WO1 CURTIS B MATHIS

Address 2: 1036 LIBERATOR RD

PO Box:

1036 LIBERATOR RD

PO Box:

City: HUNTER AAF

HUNTER AAF

State: GA

Zip Code: 31409

Country: US

State: GA

Zip Code: 31409

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NN

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A057	Fit and Rear Sgt Base	1
D000	MARS RAIL	1

Repair Search

Refresh

Close

naglej

7/17/2008

8:10 AM

DAPS

NUM

INS

SCRL



Reset

E6413555 RTL
~~E6413535~~

Model: M24 SWS



RE00147686

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER 147686
SERIAL NUMBER E6413555
LOG-IN DATE 7-17-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	9-29-08	RTZ
505	RE-BARREL	9-30-08	RTZ
560	ASSEMBLE	9-30-08	RTZ
600	PROOF	10-2-08	X.P.D.
605	CHECK HEADSPACE	10-2-08	X.P.D.
610	DIS-ASSEMBLE GUN	10-2-08	X.P.D.
612	MAGNAFLUX	10-6-08	SE
510	DRILL AND TAP	10/8/08	(H)
615	ROLLMARK CALIBER	10/9/08	RT
618	ROTO-BLAST		
620	APPLY COATINGS	10-11	✓
625	FINAL ASSEMBLY	10-13-08	RTZ
640	FUNCTION TEST AND	10-15-08	TC
650	TARGET	10-14-08	X.D.
	MALFUNCTION <u>Doc</u>	CORRECTION	10-15-08 TC
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	10-14-08 TC
670	FINAL INSPECTION	10-21-08	X.D.
	A) HEADSPACE	PASS	10-21-08 X.D.
	B) TRIGGER PULL	2.80 2.84 2.80 2.81 2.74	10-17-08 TC
680	F) SAFETY ON FORCE	4.0 4.0 3.0	10-21-08 X.D.
	G) SAFETY OFF FORCE	5.0 5.0 5.0	10-21-08 X.D.
	I) FIRING PIN INDENT	.021 .021 .021	10-21-08 X.D.
690	PACK		10/21/08 Fz

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: E6413555.__0

FILE DATE AND TIME: 10/15/2008 06:34

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.099
The Average Y Centroid of the Five Target Set:	-0.012
The Average Point of Impact of the Five Target Set:	0.100
The Average Mean Radius of the Five Target Set:	0.649
The Distance from POA to Centroid Target #1:	0.196
The Distance from Centroid Target #2 to Centroid Target #1:	0.654
The Distance from Centroid Target #3 to Centroid Target #1:	0.371
The Distance from Centroid Target #4 to Centroid Target #1:	0.430
The Distance from Centroid Target #5 to Centroid Target #1:	0.389

SERIAL NUMBER: E6413555. __0

TARGET NUMBER: 1

FILE DATE: 10/15/2008

FILE TIME: 06:34

POINT#	X	Y
--------	---	---

1:	-0.147	-0.783
----	--------	--------

2:	0.833	-0.370
----	-------	--------

3:	0.730	0.209
----	-------	-------

4:	0.522	0.106
----	-------	-------

5:	-0.397	-0.036
----	--------	--------

6:	-0.633	-0.179
----	--------	--------

7:	-0.298	0.444
----	--------	-------

8:	-0.009	0.553
----	--------	-------

9:	-0.095	0.910
----	--------	-------

10:	0.499	0.823
-----	-------	-------

X CENTROID: 0.101

Y CENTROID: 0.168

POA TO CENTROID: 0.196

HORZ SPREAD: 1.466

VERT SPREAD: 1.693

GROUP SPREAD: 1.731

MIN RADIUS: 0.401

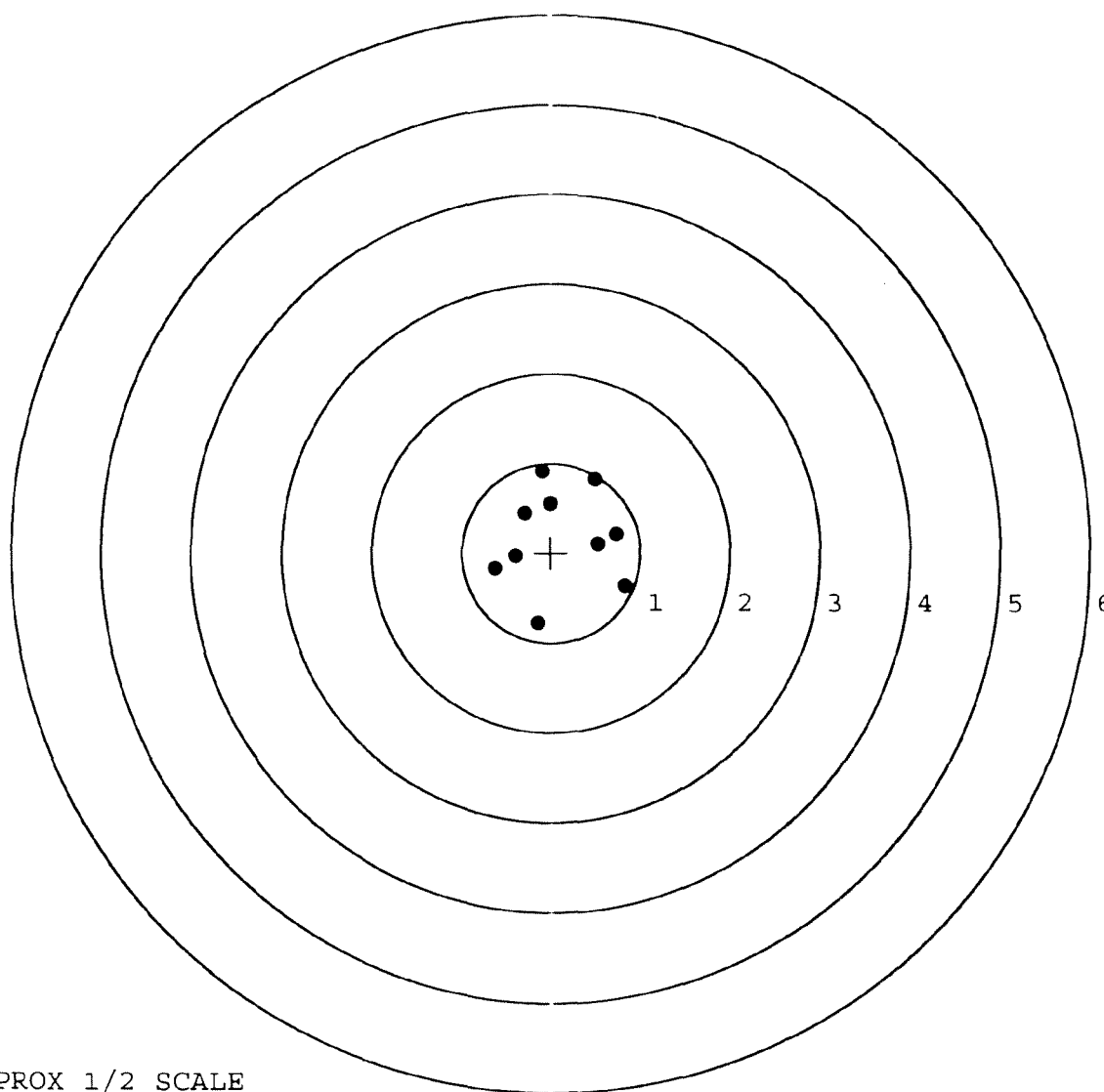
MAX RADIUS: 0.982

MEAN RADIUS: 0.672

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413555. __0

TARGET NUMBER: 2

FILE DATE: 10/15/2008

FILE TIME: 06:34

POINT#	X	Y
1:	-0.926	1.018
2:	0.015	0.709
3:	-0.345	-0.258
4:	-0.479	-0.342
5:	-0.038	-0.591
6:	-0.092	-0.810
7:	-0.224	-1.068
8:	-0.469	-0.887
9:	0.288	-1.345
10:	0.583	-0.704

X CENTROID: -0.169

Y CENTROID: -0.428

POA TO CENTROID: 0.460

HORZ SPREAD: 1.509

VERT SPREAD: 2.363

GROUP SPREAD: 2.657

MIN RADIUS: 0.209

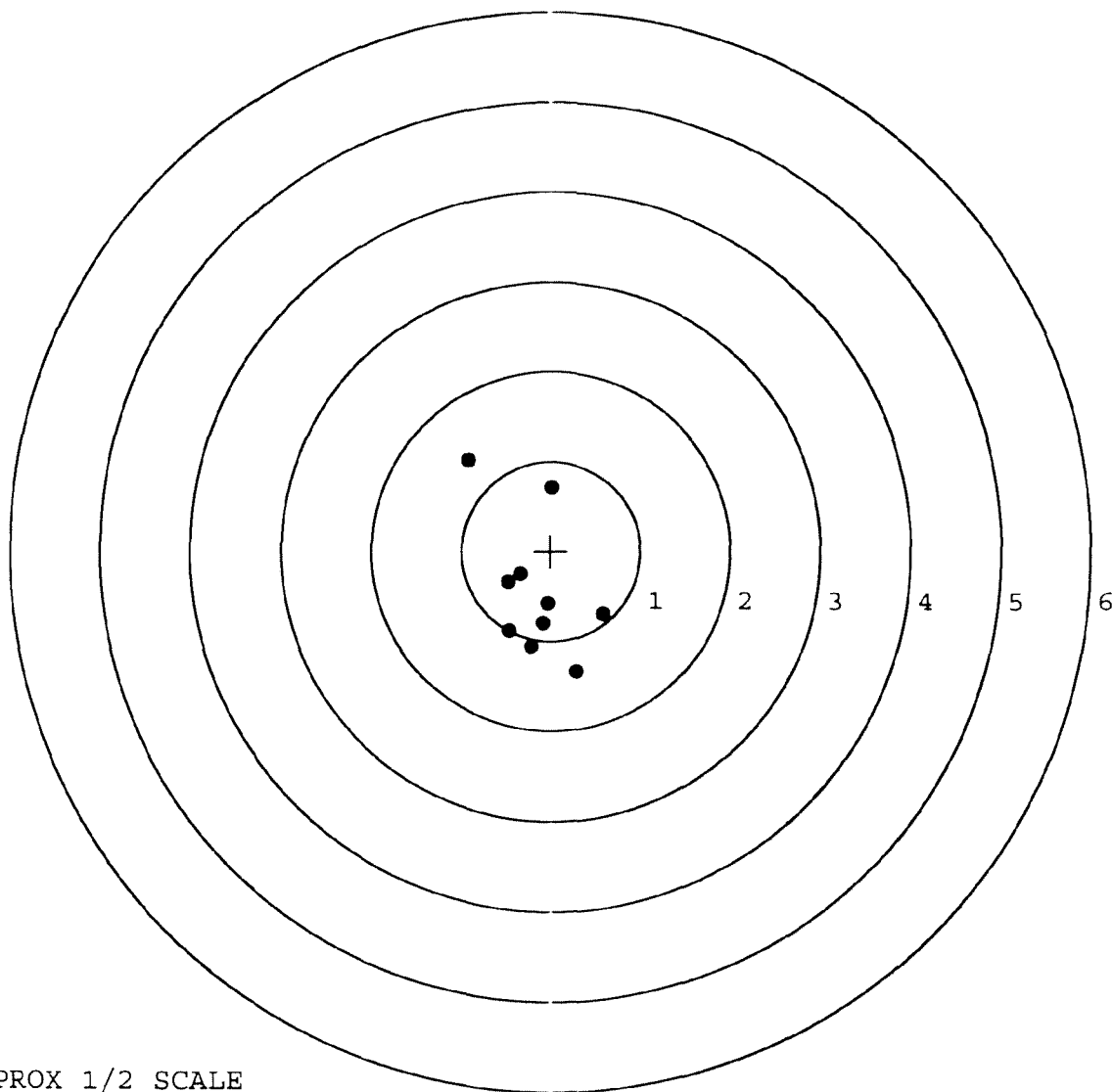
MAX RADIUS: 1.632

MEAN RADIUS: 0.697

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413555. __0

TARGET NUMBER: 3

FILE DATE: 10/15/2008

FILE TIME: 06:34

POINT#	X	Y
--------	---	---

1:	0.693	0.265
----	-------	-------

2:	0.112	1.074
----	-------	-------

3:	-0.021	0.715
----	--------	-------

4:	-0.156	0.642
----	--------	-------

5:	-0.268	0.606
----	--------	-------

6:	-0.351	0.391
----	--------	-------

7:	-0.574	0.039
----	--------	-------

8:	-0.889	-0.007
----	--------	--------

9:	-0.746	-0.527
----	--------	--------

10:	-0.407	-0.676
-----	--------	--------

X CENTROID: -0.261

Y CENTROID: 0.252

POA TO CENTROID: 0.363

HORZ SPREAD: 1.582

VERT SPREAD: 1.750

GROUP SPREAD: 1.643

MIN RADIUS: 0.166

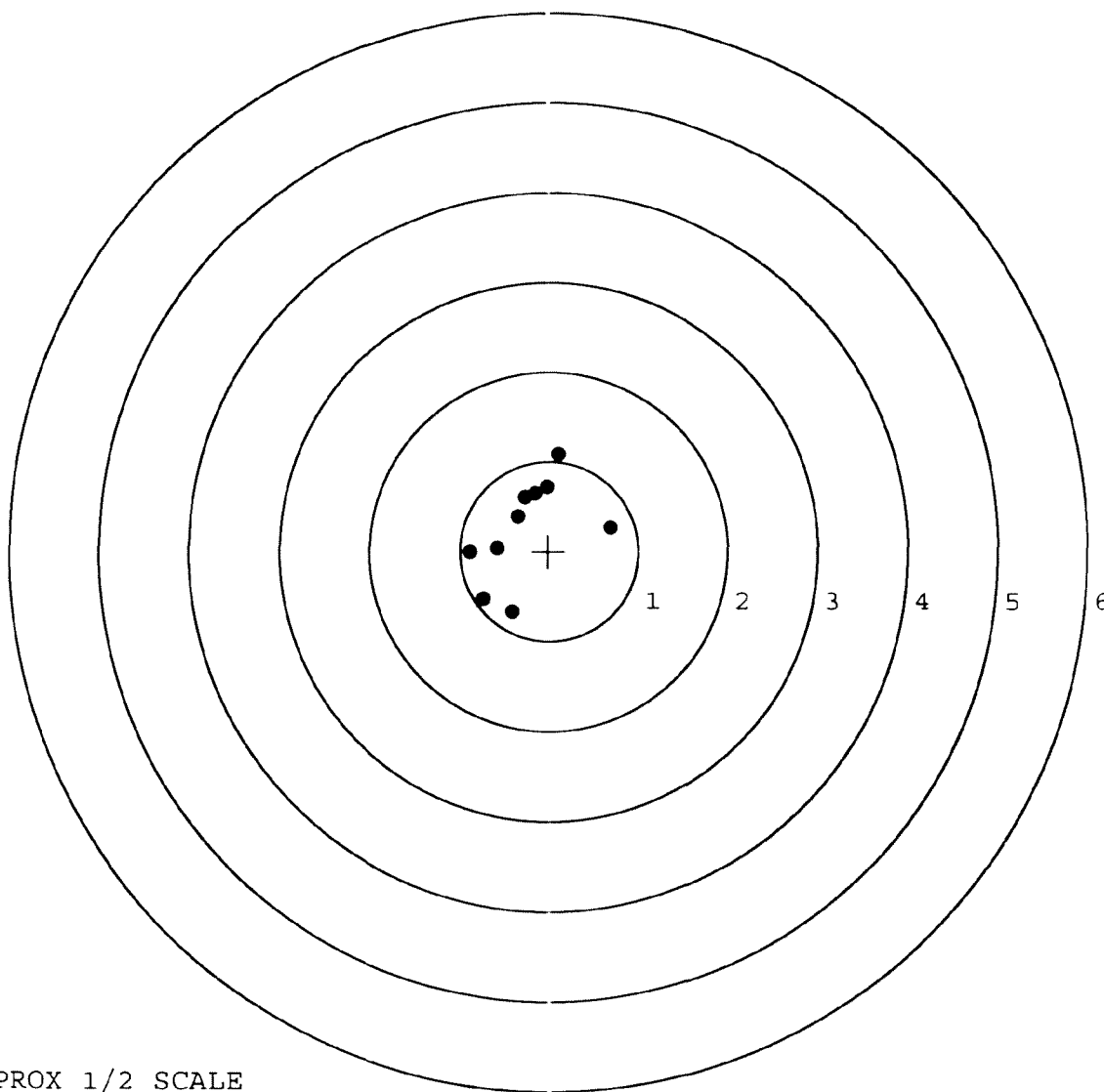
MAX RADIUS: 0.954

MEAN RADIUS: 0.622

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

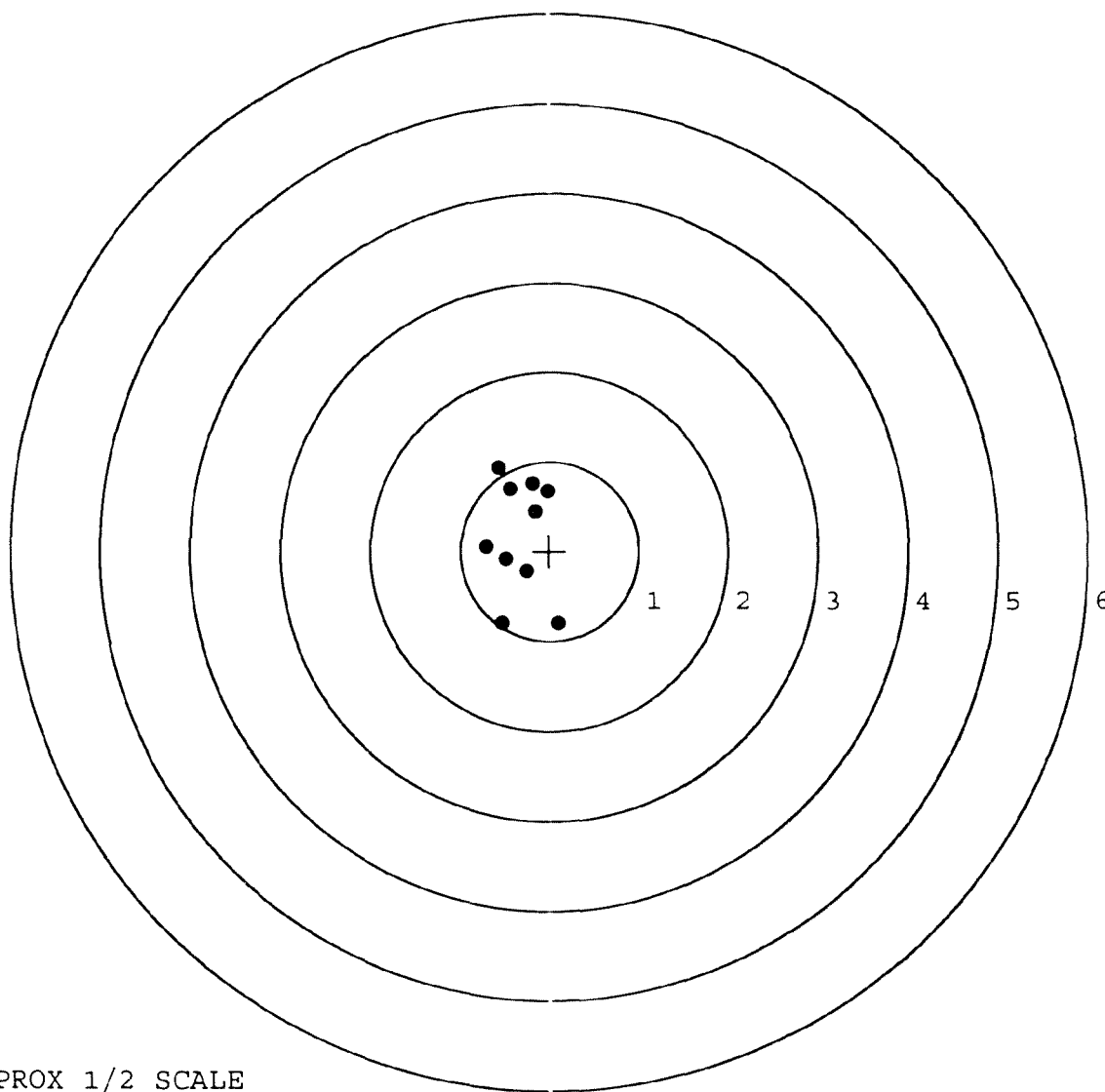


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413555. __0
TARGET NUMBER: 4
FILE DATE: 10/15/2008
FILE TIME: 06:34

POINT#	X	Y
1:	0.097	-0.807
2:	-0.536	-0.800
3:	-0.255	-0.232
4:	-0.492	-0.093
5:	-0.710	0.059
6:	-0.164	0.441
7:	-0.020	0.671
8:	-0.193	0.759
9:	-0.444	0.696
10:	-0.573	0.940

X CENTROID: -0.329
Y CENTROID: 0.163
POA TO CENTROID: 0.367
HORZ SPREAD: 0.807
VERT SPREAD: 1.747
GROUP SPREAD: 1.871
MIN RADIUS: 0.304
MAX RADIUS: 1.060
MEAN RADIUS: 0.603
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

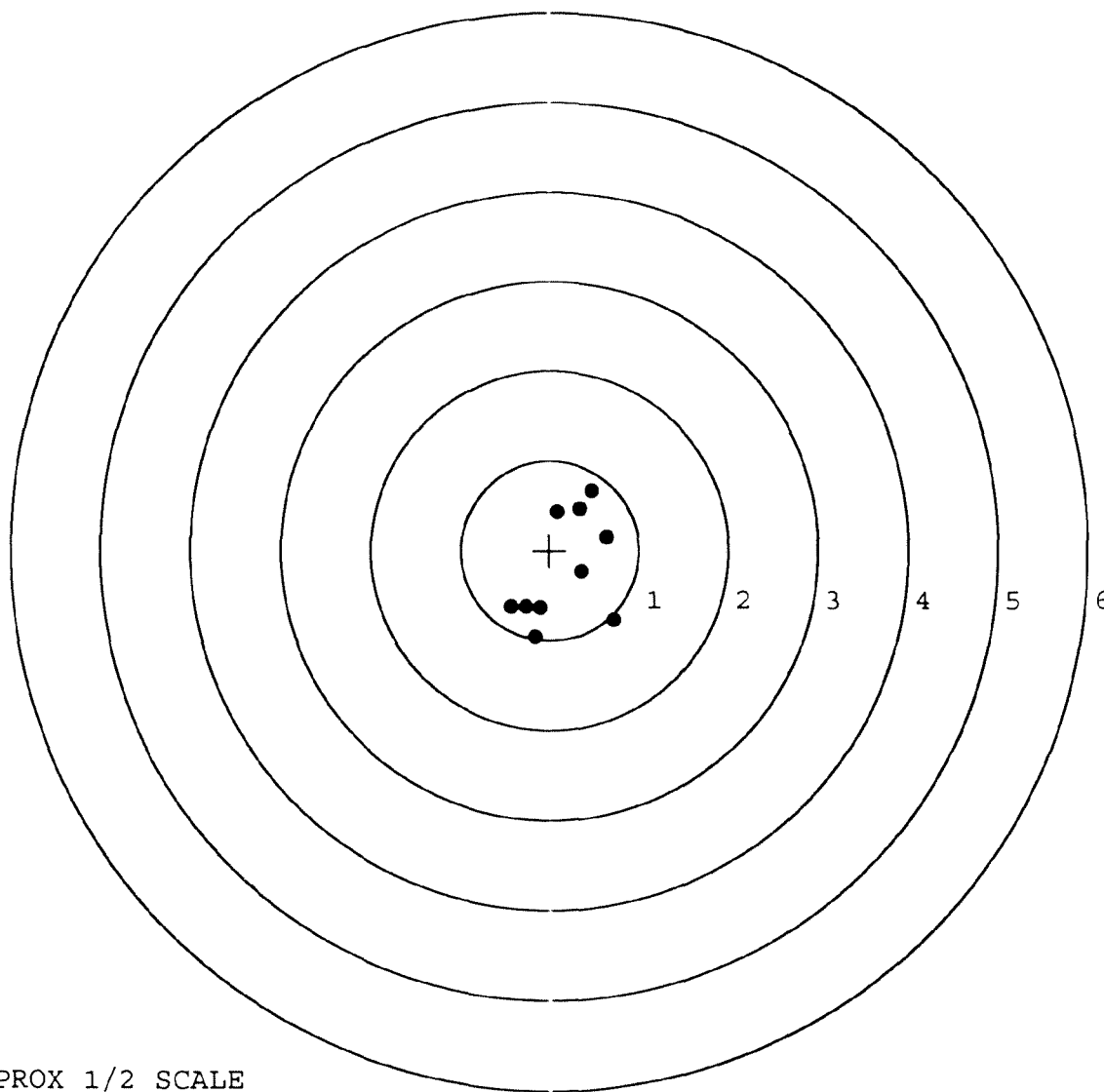


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413555. __0
TARGET NUMBER: 5
FILE DATE: 10/15/2008
FILE TIME: 06:34

POINT#	X	Y
1:	0.717	-0.777
2:	-0.170	-0.971
3:	-0.438	-0.629
4:	-0.272	-0.631
5:	-0.112	-0.641
6:	0.357	-0.237
7:	0.637	0.153
8:	0.083	0.430
9:	0.336	0.468
10:	0.471	0.667

X CENTROID: 0.161
Y CENTROID: -0.217
POA TO CENTROID: 0.270
HORZ SPREAD: 1.155
VERT SPREAD: 1.638
GROUP SPREAD: 1.759
MIN RADIUS: 0.197
MAX RADIUS: 0.937
MEAN RADIUS: 0.654
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

Repair Number: **RE00015707** Serial: C6225307 Model: 700 Center Fire Caliber: 7.62 NATO M-24 (SWS) Repairman: Status: Closed 10/18/00 9:50:00 AM

Verify Repair

Address Information

Customer: Received From: Return To: Received From:

Name: DS/GS ELECTRONICS MAINTENANCE DS/GS ELECTRONICS MAINTENANCE

Address 1: 1175TH RANGER REGIMENT BLDG 1360 1175TH RANGER REGIMENT BLDG 1360

Address 2: 108 EMMETT RIFLES DR STE PO Box 108 EMMETT RIFLES DR STE PO Box

City: HUNTER ARMY AIRFIELD HUNTER ARMY AIRFIELD

State: GA Zip Code: 31409 Country: US State: GA Zip Code: 31409 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
A006	Sling Strap, LEATHEF	1
A007	With Stud	1
A009	Soft Case	1
A010	Hard Case	1
A016	Scope Mounts	1
A017	Scope Base	1
A026	Scope	1
X	DEPI OYMENT KIT	1

Repair Search Refresh Close

10/18/00 9:25 AM NUM

Start [Icons] 9:25 AM

C6225307

Model: **700**



RE00015707

96001 - BBL Assy
Complete

96005 - Bolt Assy

E6413555

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

R & E NUMBER <u>15707</u>			
SERIAL NUMBER <u>E 6413555</u>			
LOG-IN DATE <u>10-13-00</u>			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-17-00	CK
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	10-20-00	CK
605	CHECK HEADSPACE	10-20-00	CK
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	11-14-00	CK
655	FINAL INSPECT	11-21-00	CK
660	PACK		
		SHIP DATE	
		QAR INSPECTION DATE	

Final Inspection

S.N. E6413555

DATE REC'D: 10-13-00

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 # e6413555
22 Nov 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1392
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0484
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .147374

THE AMR FOR THIS RIFLE IS: .9816

CENTROIDAL DISTANCES

0 TO	1	.201326
1 TO	2	.519317
1 TO	3	.10632
1 TO	4	.125196
1 TO	5	.359694

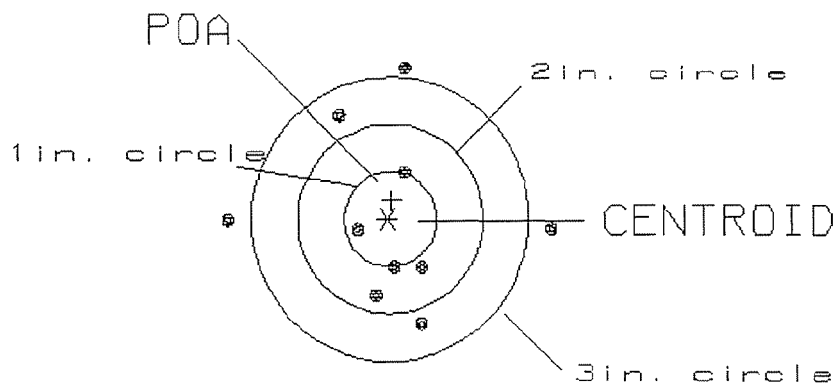
2
5 4 31 <----POA

PATTERN #: 1
 POA TO CENTROID: .201
 MIN RADIUS : .402
 MEAN RADIUS : 1.028
 MAX RADIUS : 1.756
 CENTROID X : -.046
 CENTROID Y : -.196

22 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413555

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.47

2

VS= 2.61

5

GS= 3.47

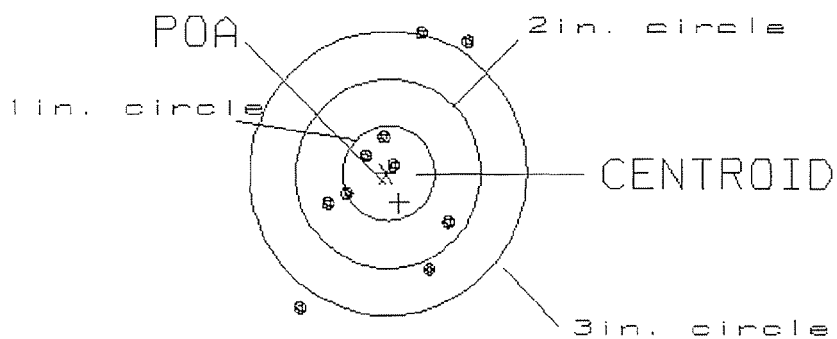
7

PATTERN #: 2
 POA TO CENTROID: .346
 MIN RADIUS : .110
 MEAN RADIUS : .884
 MAX RADIUS : 1.706
 CENTROID X : -.149
 CENTROID Y : .313

22 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413555

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 1.85

3

VS= 2.87

6

GS= 3.35

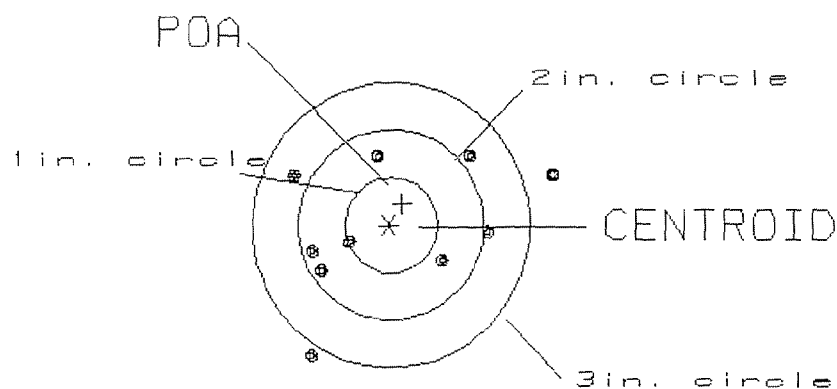
8

PATTERN #: 3
 POA TO CENTROID: .270
 MIN RADIUS : .458
 MEAN RADIUS : 1.049
 MAX RADIUS : 1.857
 CENTROID X : -.148
 CENTROID Y : -.226

22 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413555

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.87

1

VS= 2.17

5

GS= 3.26

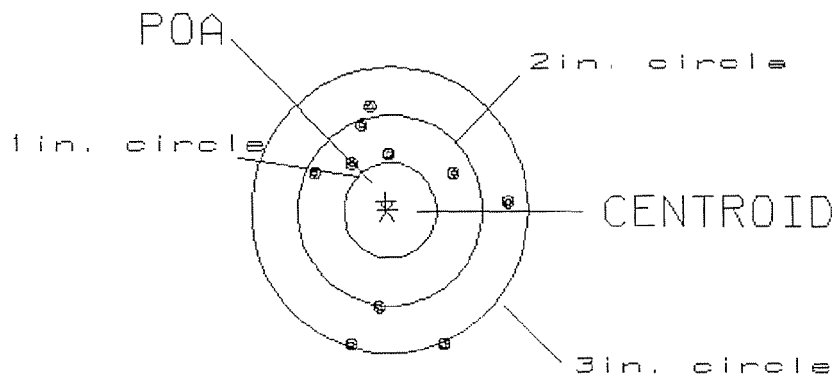
8

PATTERN #: ☐ 4 ☐
 POA TO CENTROID: .091
 MIN RADIUS : .559
 MEAN RADIUS : 1.025
 MAX RADIUS : 1.546
 CENTROID X : .019
 CENTROID Y : -.089

22 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413555

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.11
 VS= 2.52
 GS= 2.64

0
 5
 9

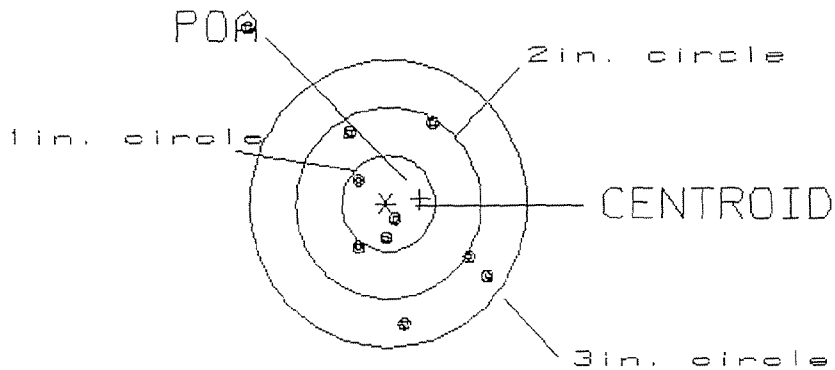
PATTERN #: ☐ 5 ☐

POA TO CENTROID: .375
 MIN RADIUS : .169
 MEAN RADIUS : .922
 MAX RADIUS : 2.371
 CENTROID X : -.372
 CENTROID Y : -.044

22 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413555

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.54

3

VS= 3.09

6

GS= 3.64

9

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225307
20 Nov 2000

E6413555

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.258

THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1018

THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .277358

THE AMR FOR THIS RIFLE IS: 1.85

CENTROIDAL DISTANCES

Ø TO 1	.531417
1 TO 2	.984324
1 TO 3	.583563
1 TO 4	.77938
1 TO 5	.207087

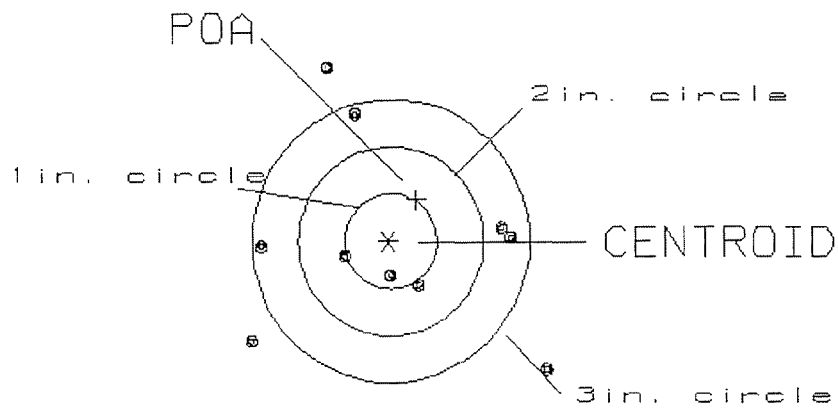
4
3 + ←----POA
5
1

PATTERN #: 1
 POA TO CENTROID: .531
 MIN RADIUS : .365
 MEAN RADIUS : 1.264
 MAX RADIUS : 2.179
 CENTROID X : -.298
 CENTROID Y : -.440

20 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225307

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.20
 VS= 3.16
 GS= 3.99

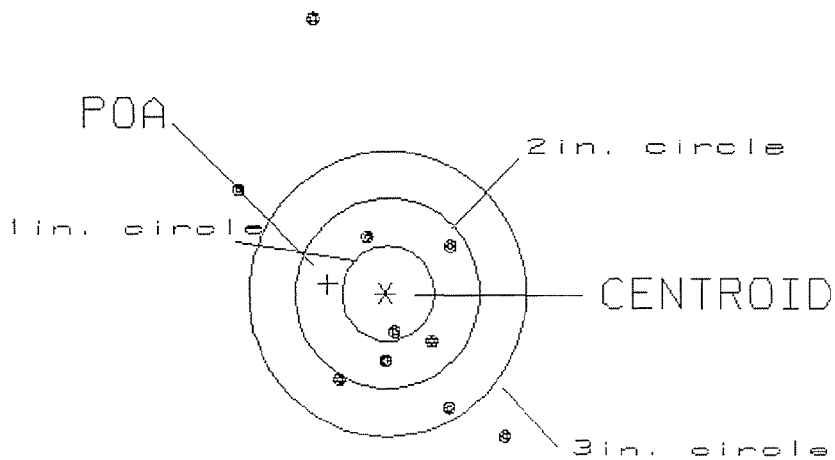
1
 3
 7

PATTERN #: L 2 U
 POA TO CENTROID: .633
 MIN RADIUS : .376
 MEAN RADIUS : 1.263
 MAX RADIUS : 3.046
 CENTROID X : .625
 CENTROID Y : -.098

20 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225307

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.86
 VS= 4.44
 GS= 4.91

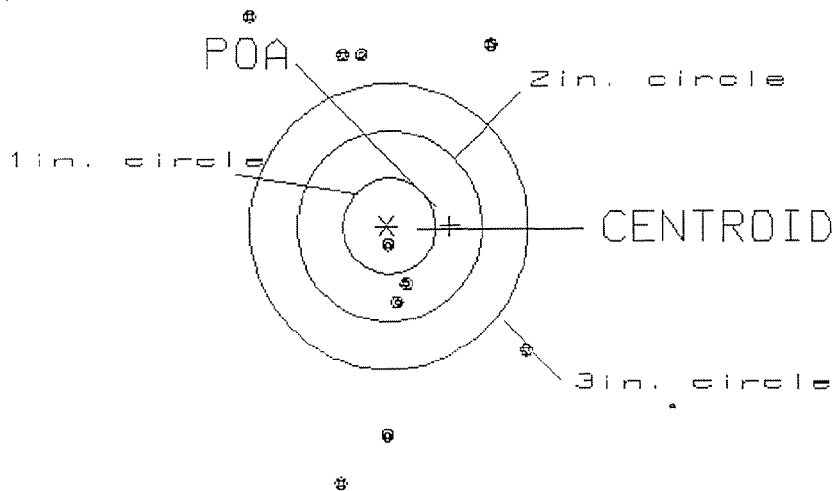
1
 6
 7

PATTERN #: 3
 POA TO CENTROID: .687
 MIN RADIUS : .229
 MEAN RADIUS : 1.713
 MAX RADIUS : 2.735
 CENTROID X : -.687
 CENTROID Y : -.005

20 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225307

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.94
 VS= 4.91
 GS= 5.00

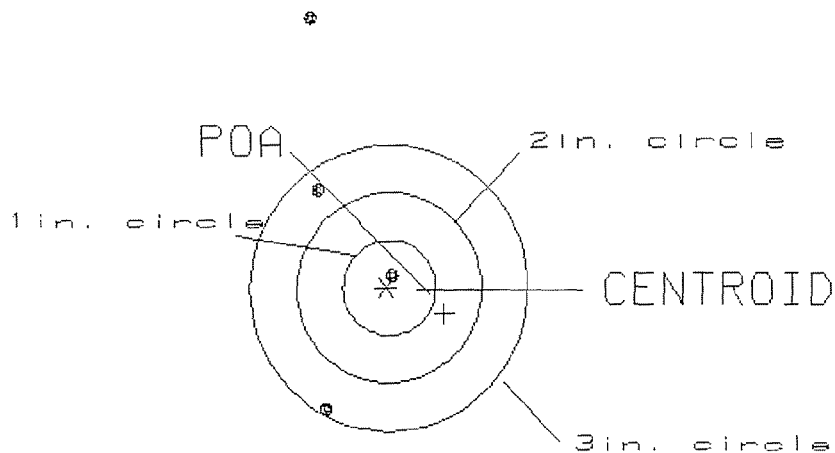
1
 3
 3

PATTERN #: 4
 POA TO CENTROID: .680
 MIN RADIUS : .186
 MEAN RADIUS : 2.866
 MAX RADIUS : 5.878
 CENTROID X : -.626
 CENTROID Y : .267

20 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225307

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.09

1

VS= 10.07

1

GS= 10.07

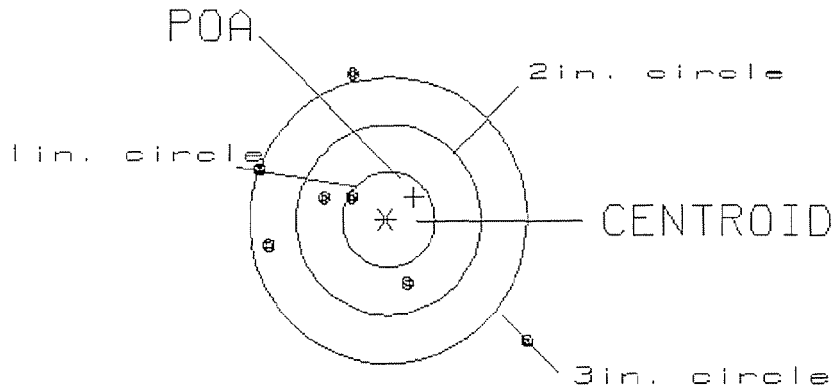
3

PATTERN #: ☐ 5 ☐
 POA TO CENTROID: .383
 MIN RADIUS : .481
 MEAN RADIUS : 2.146
 MAX RADIUS : 6.254
 CENTROID X : -.304
 CENTROID Y : -.233

20 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225307

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.33
 VS= 9.85
 GS= 9.86

1
 3
 5