

E637 4631

Arms Service Repair & Estimate System
 BARBER - M24 0119146

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

Repair Inquiry

Repair Number: **RE00070747** Serial: E6374631 Model 700 Center Fire Caliber: 7 Repairman: _____
 Verify Repair 62 NATO M/24 SWS Status: Closed 9/30/2003 7:46:29 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> <tr> <td>A017</td> <td>Scope Base</td> <td>1</td> </tr> </tbody> </table>			Code	Desc	Qty	A007	With Stud	3	A017	Scope Base	1
Code	Desc	Qty											
A007	With Stud	3											
A017	Scope Base	1											

Repair Search Refresh Close

naglej 9/30/2003 8:41 AM CAPS NUM HNS SCRL

start 8 Micro 4 Micro My Exits Search to Arms Ser Parts Ser 8:41 AM

Serial Number: **E6374631**
 Model: **700**

RE00070747

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: E6374631.___0
FILE DATE AND TIME: 10/29/2003 18:54

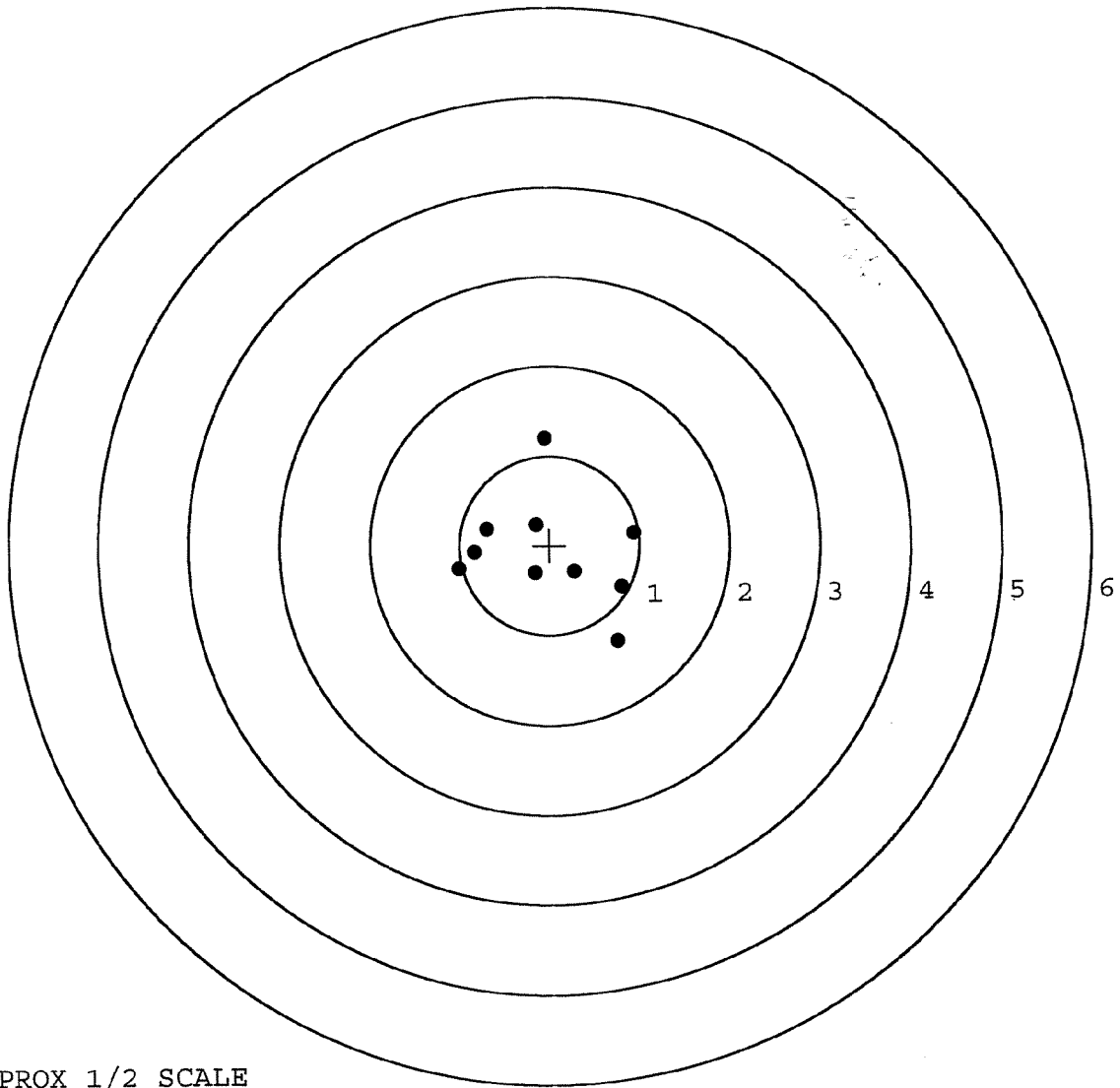
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.028
The Average Y Centroid of the Five Target Set:	-0.034
The Average Point of Impact of the Five Target Set:	0.044
The Average Mean Radius of the Five Target Set:	0.737
The Distance from POA to Centroid Target #1:	0.075
The Distance from Centroid Target #2 to Centroid Target #1:	0.129
The Distance from Centroid Target #3 to Centroid Target #1:	0.145
The Distance from Centroid Target #4 to Centroid Target #1:	0.147
The Distance from Centroid Target #5 to Centroid Target #1:	0.059

SERIAL NUMBER: E6374631.0
 TARGET NUMBER: 1
 FILE DATE: 10/29/2003
 FILE TIME: 18:54

X CENTROID: -0.014
 Y CENTROID: -0.074
 POA TO CENTROID: 0.075
 HORZ SPREAD: 1.947
 VERT SPREAD: 2.272
 GROUP SPREAD: 2.408
 MIN RADIUS: 0.281
 MAX RADIUS: 1.269
 MEAN RADIUS: 0.795
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.752	-1.077
2:	0.794	-0.469
3:	0.939	0.127
4:	0.277	-0.294
5:	-0.161	-0.313
6:	-0.148	0.231
7:	-0.047	1.195
8:	-0.696	0.188
9:	-0.838	-0.067
10:	-1.008	-0.259

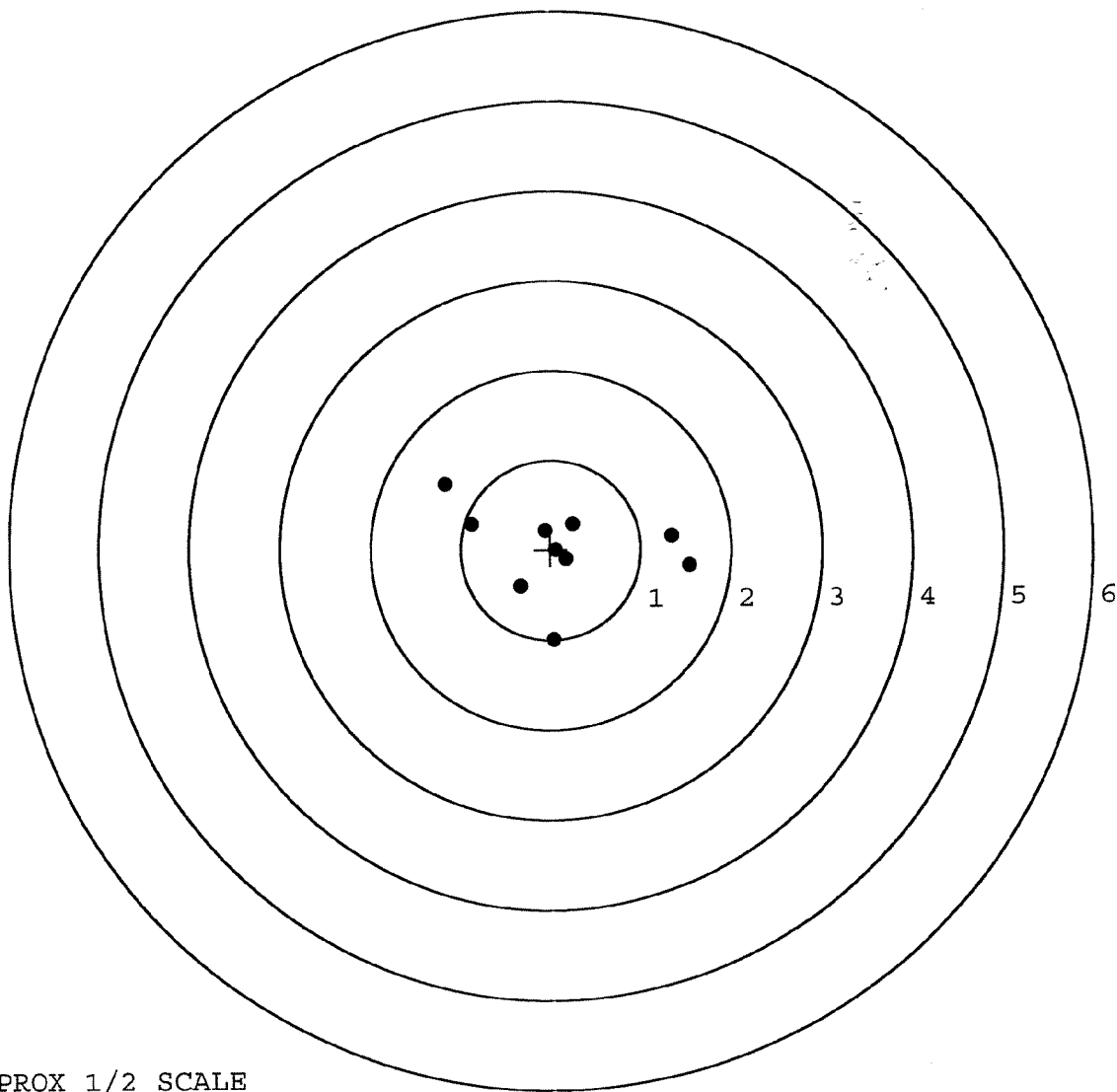


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6374631. __ 0
 TARGET NUMBER: 2
 FILE DATE: 10/29/2003
 FILE TIME: 18:54

X CENTROID: 0.096
 Y CENTROID: -0.006
 POA TO CENTROID: 0.096
 HORZ SPREAD: 2.706
 VERT SPREAD: 1.744
 GROUP SPREAD: 2.862
 MIN RADIUS: 0.039
 MAX RADIUS: 1.469
 MEAN RADIUS: 0.756
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.536	-0.192
2:	1.346	0.142
3:	0.035	-1.004
4:	-0.338	-0.410
5:	-0.878	0.287
6:	-1.170	0.740
7:	0.250	0.284
8:	-0.060	0.212
9:	0.180	-0.110
10:	0.057	-0.008

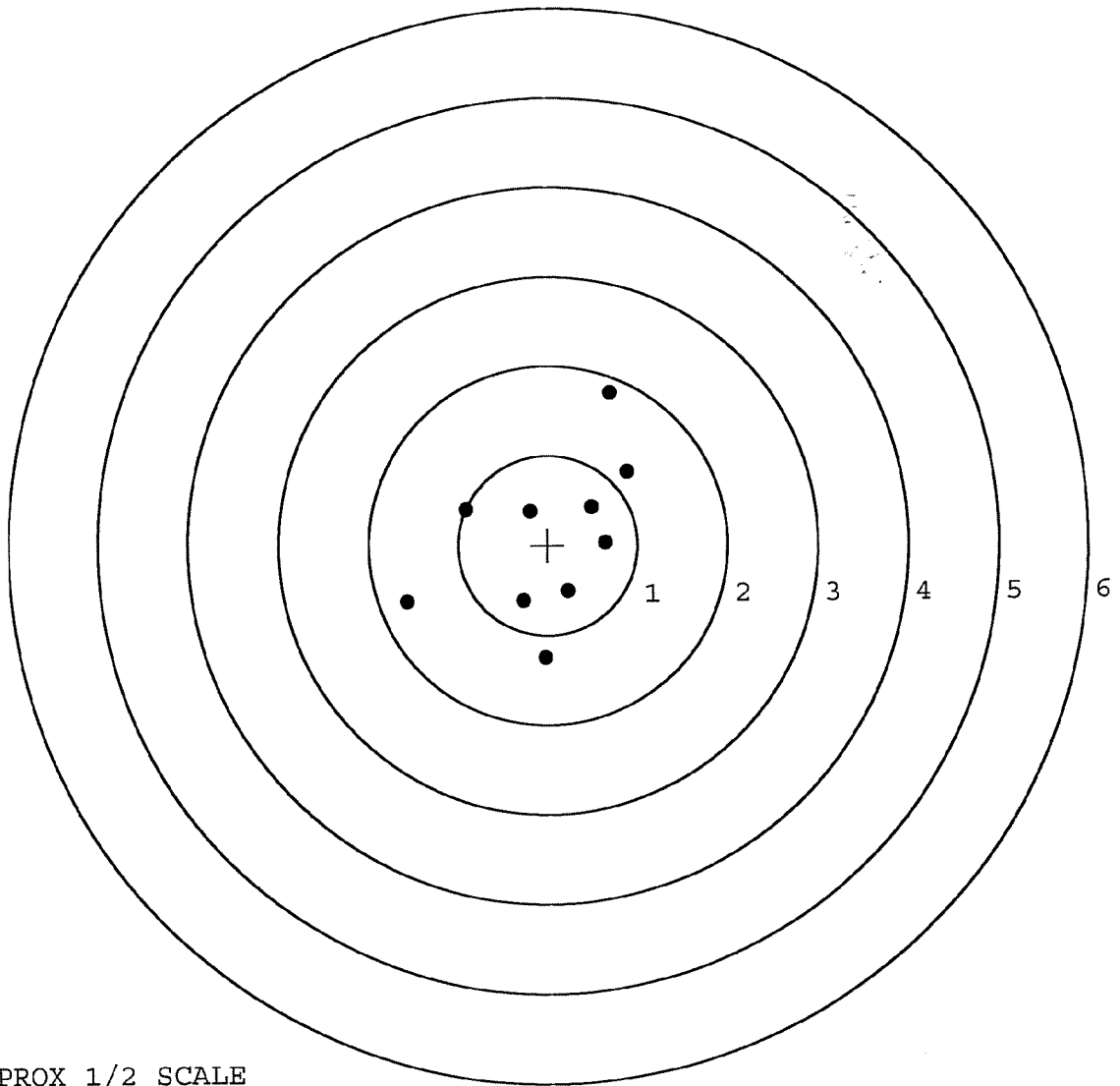


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6374631. 0
 TARGET NUMBER: 3
 FILE DATE: 10/29/2003
 FILE TIME: 18:54

X CENTROID: -0.005
 Y CENTROID: 0.071
 POA TO CENTROID: 0.071
 HORZ SPREAD: 2.471
 VERT SPREAD: 2.947
 GROUP SPREAD: 3.253
 MIN RADIUS: 0.360
 MAX RADIUS: 1.771
 MEAN RADIUS: 0.994
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 8

POINT#	X	Y
1:	-1.579	-0.624
2:	-0.036	-1.254
3:	-0.276	-0.625
4:	0.224	-0.518
5:	0.640	0.021
6:	0.492	0.425
7:	0.892	0.812
8:	0.705	1.693
9:	-0.195	0.377
10:	-0.913	0.402



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6374631. __0

TARGET NUMBER: 4

FILE DATE: 10/29/2003

FILE TIME: 18:54

POINT#	X	Y
1:	0.572	-0.737
2:	-0.084	-0.653
3:	-0.414	-0.866
4:	-0.432	-0.234
5:	-0.020	0.535
6:	0.176	0.709
7:	0.139	0.309
8:	0.372	0.100
9:	0.444	-0.034
10:	0.528	-0.245

X CENTROID: 0.128

Y CENTROID: -0.112

POA TO CENTROID: 0.170

HORZ SPREAD: 1.004

VERT SPREAD: 1.575

GROUP SPREAD: 1.682

MIN RADIUS: 0.323

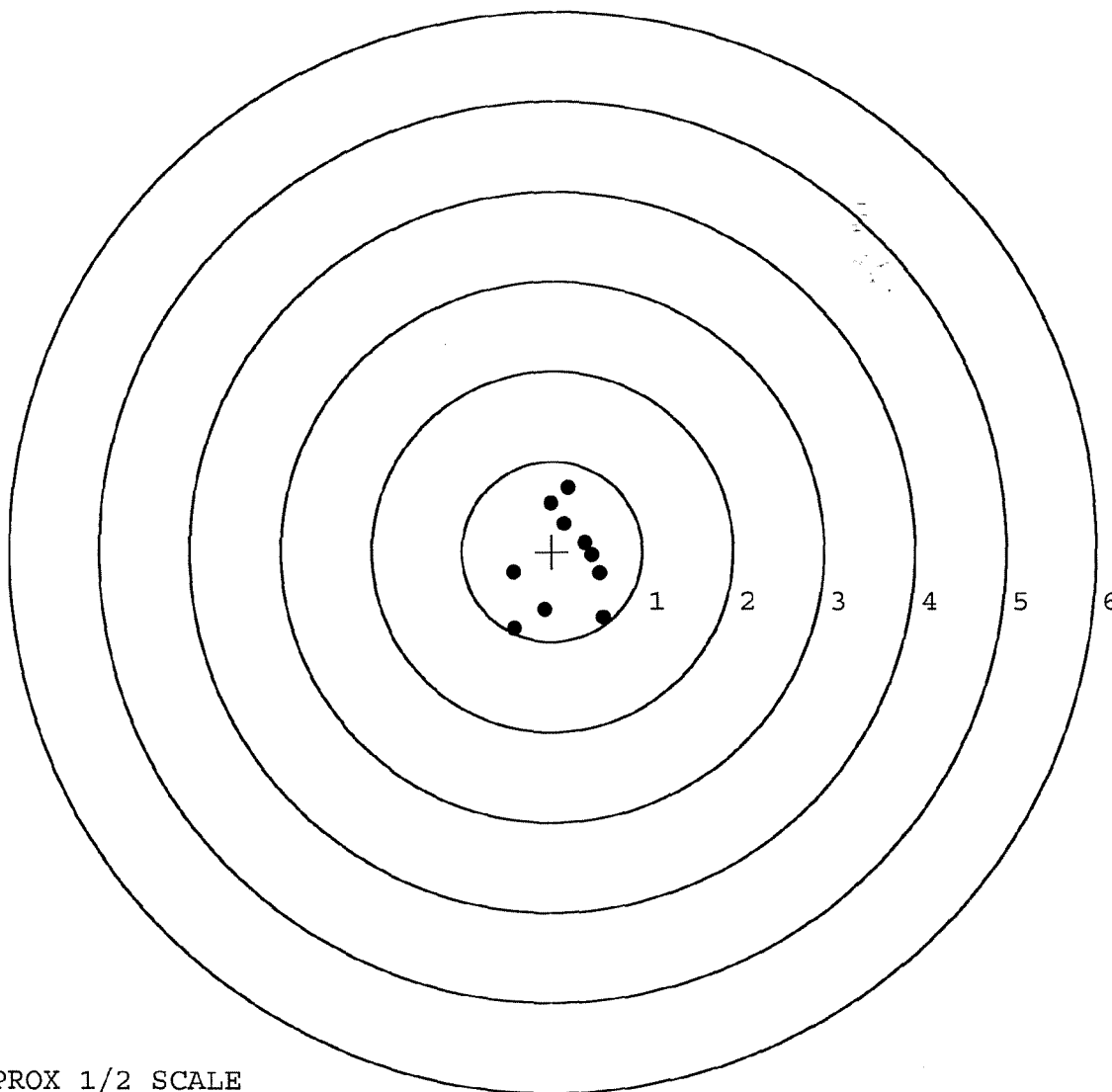
MAX RADIUS: 0.929

MEAN RADIUS: 0.583

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

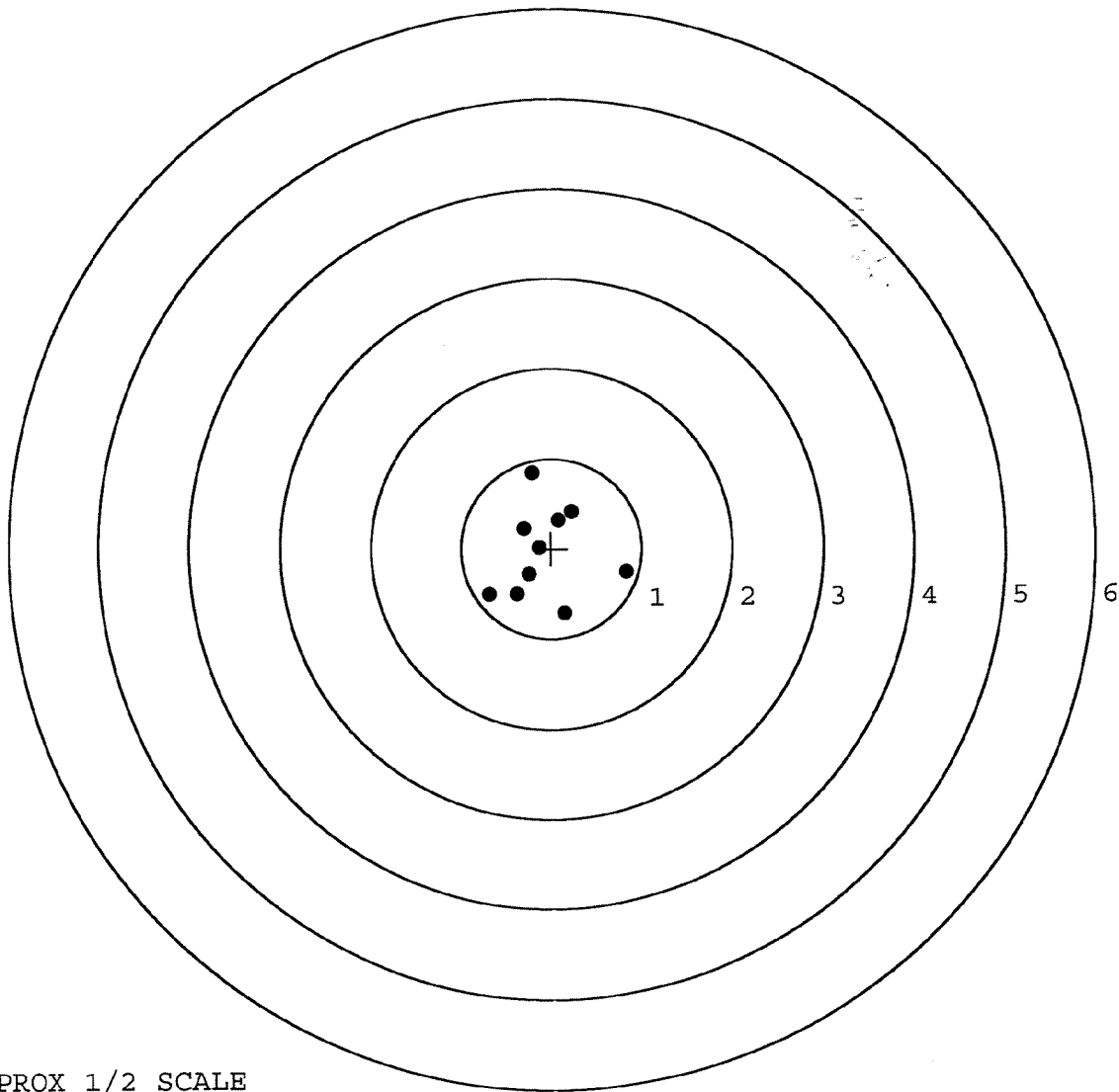


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6374631. __0
 TARGET NUMBER: 5
 FILE DATE: 10/29/2003
 FILE TIME: 18:54

X CENTROID: -0.067
 Y CENTROID: -0.050
 POA TO CENTROID: 0.084
 HORZ SPREAD: 1.518
 VERT SPREAD: 1.561
 GROUP SPREAD: 1.537
 MIN RADIUS: 0.089
 MAX RADIUS: 0.924
 MEAN RADIUS: 0.556
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.830	-0.271
2:	0.153	-0.720
3:	-0.382	-0.509
4:	-0.688	-0.511
5:	-0.210	0.841
6:	0.227	0.413
7:	0.086	0.317
8:	-0.303	0.222
9:	-0.250	-0.292
10:	-0.135	0.008



TARGET APPROX 1/2 SCALE

FINAL INSPECTION CHECKLIST M-24 REPAIRS
CONTRACT #: DAAE-20-02-D-0127SERIAL # E6374631INSPECTED BY: RFLDATE REC'D: 9-30-03DATE 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	070747		
SERIAL NUMBER	E6374631		
LOG-IN DATE	10-4-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-4-03	RW
560 A	RE-BARREL	10-7-03	RTL
B	DRILL AND TAP	10-9-03	TRW
575	ASSEMBLE	10-7-03	RTL
600	PROOF		
605	CHECK HEADSPACE	10-7-03	RTL
610	DIS-ASSEMBLE GUN	10-7-03	RTL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	10-11-03	LB
618	ROTO-BLAST	10/13/2003	Dans.
620	APPLY COATINGS	10-14	TH
625 A	FINAL ASSEMBLY	10-23-03	RW
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	10-30-03	RTL
660	PACK	10-30-03	RA
		SHIP DATE	
	QAR INSPECTION DATE		

Arms Services Repair & Estimate System

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

Repair Inquiry

Repair Number: **RE00023074** Serial: **E6374631** Model: **700** Center Fire Caliber: **7.62 NATO M-24 (SWS)** Repairman: Status: **Closed 2/16/01 10:10:14 AM**

Verify Repair

Address Information

Customer: **C CO SPT BN** Received From: **C CO SPT BN** Return To: **C CO SPT BN** Received From:

Name: **C CO SPT BN** Address 1: **USA JFK SWCS** Address 2: PO Box: City: **FT BRAGG** State: **NC** Zip Code: **28310** Country: **US**

State: **NC** Zip Code: **28310** Country: **US**

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: Fax: Email: Comments:

Received Condition

Condition: **Poor** Condition Notes: ESR 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

Start NIS Inb Exp Part SA Ar... Nag Ne 7:43 AM

Serial Number: **E6374631**Model: **700****RE00023074**

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # E6374631
2 Apr 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0836
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0858
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .119794

THE AMR FOR THIS RIFLE IS: 1.107

CENTROIDAL DISTANCES

0	TO	1	.341686
1	TO	2	.460896
1	TO	3	.727069
1	TO	4	.47529
1	TO	5	.400661

3
4
+2 <----POA
1

REMINGTON CENTERFIRE ACCURACY TEST

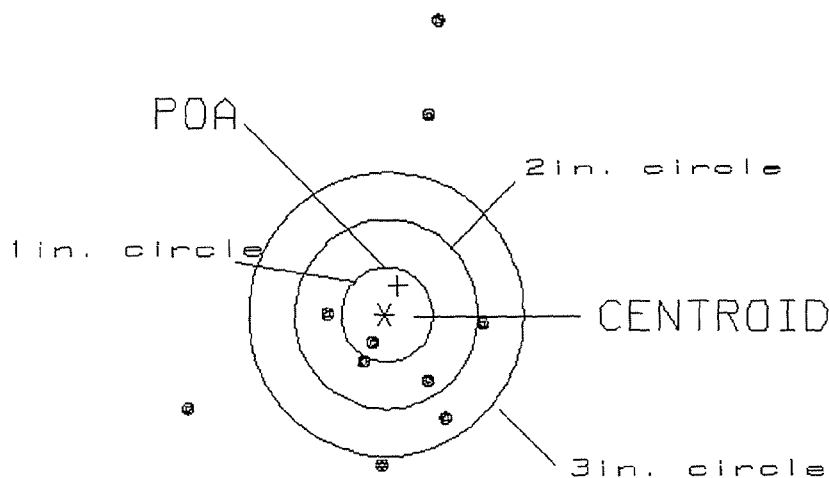
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 1 ☐
 POA TO CENTROID: .341
 MIN RADIUS : .336
 MEAN RADIUS : 1.398
 MAX RADIUS : 3.114
 CENTROID X : -.150
 CENTROID Y : -.307

2 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6374631

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.23
 VS= 4.63
 GS= 4.88

1
 4
 6

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 2 ☐

POA TO CENTROID: .146

MIN RADIUS : .246

MEAN RADIUS : 1.232

MAX RADIUS : 2.432

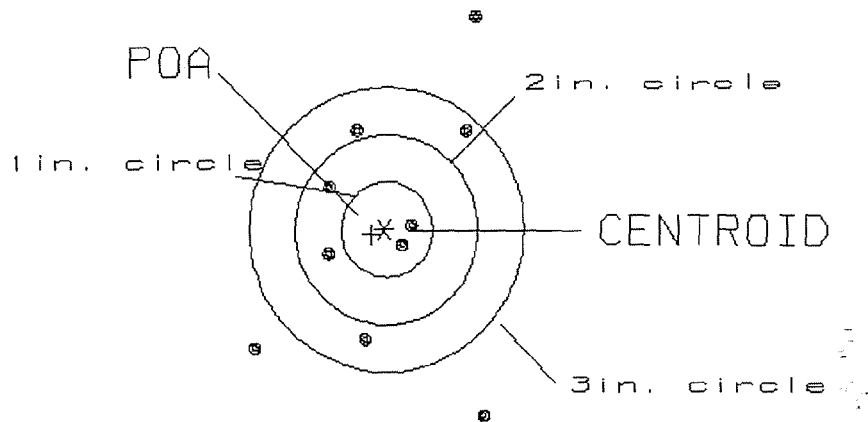
CENTROID X : .134

CENTROID Y : .056

2 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6374631

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.52

2

VS= 4.25

4

GS= 4.25

7

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

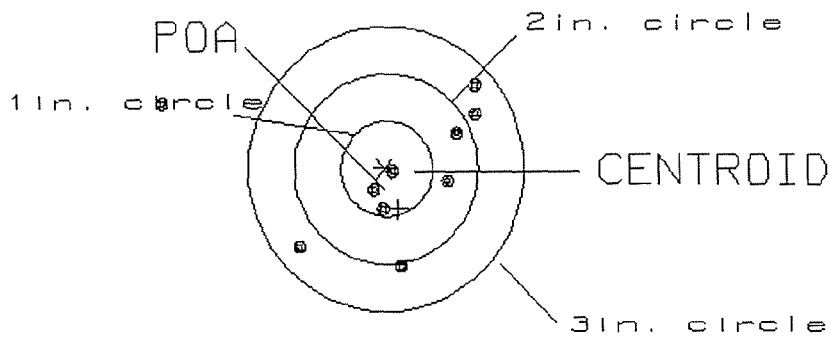
PATTERN #: ☐ 3 ☐

POA TO CENTROID: .450
 MIN RADIUS : .063
 MEAN RADIUS : .950
 MAX RADIUS : 2.543
 CENTROID X : -.160
 CENTROID Y : .420

2 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6374631

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.40

3

VS= 1.89

6

GS= 3.40

9

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

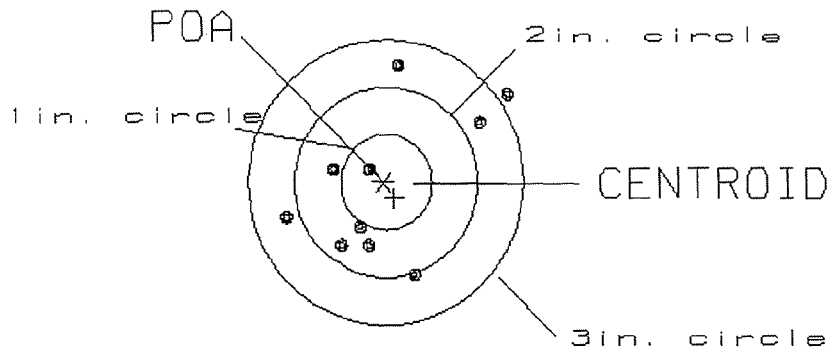
PATTERN #: 4

POA TO CENTROID: .203
 MIN RADIUS : .235
 MEAN RADIUS : .916
 MAX RADIUS : 1.638
 CENTROID X : -.115
 CENTROID Y : .167

2 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6374631

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.41
 VS= 2.27
 GS= 2.74

1
 5
 9

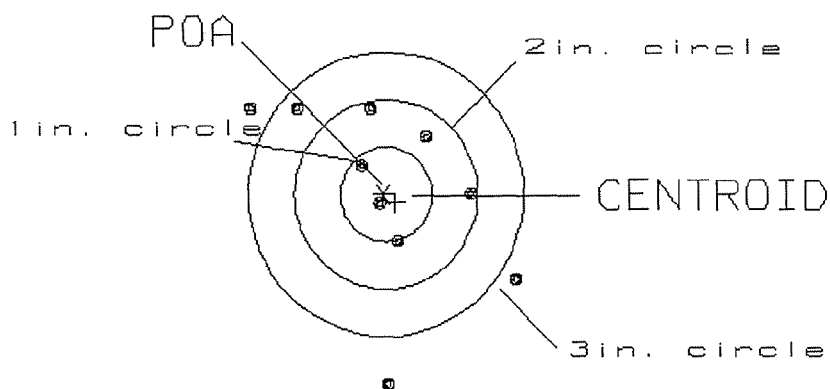
PATTERN #: ☐ 5 ☐

POA TO CENTROID: .157
 MIN RADIUS : .105
 MEAN RADIUS : 1.040
 MAX RADIUS : 2.032
 CENTROID X : -.127
 CENTROID Y : .093

2 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6374631

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.92

2

VS= 2.97

6

GS= 3.47

7

**CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON**

Final Inspection

S.N. F6374631

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: