

E637 4631

Repair Inquiry

Repair Number: **RE00070747**Serial: E6374631 Model 700 Center Fire Caliber: 7
62 NATO M/24 SWS

Repairman:

Verify Repair

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

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

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

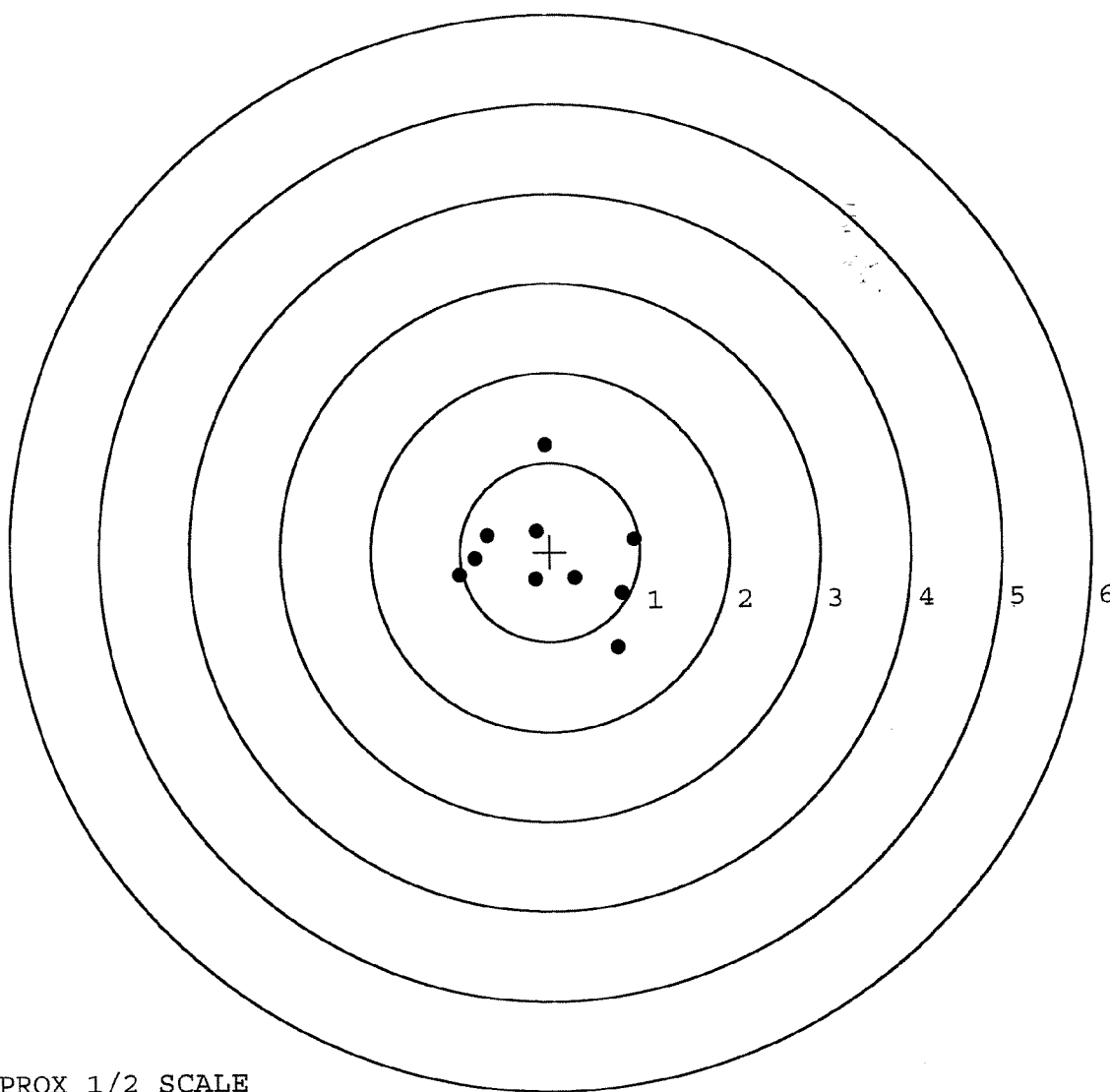
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

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

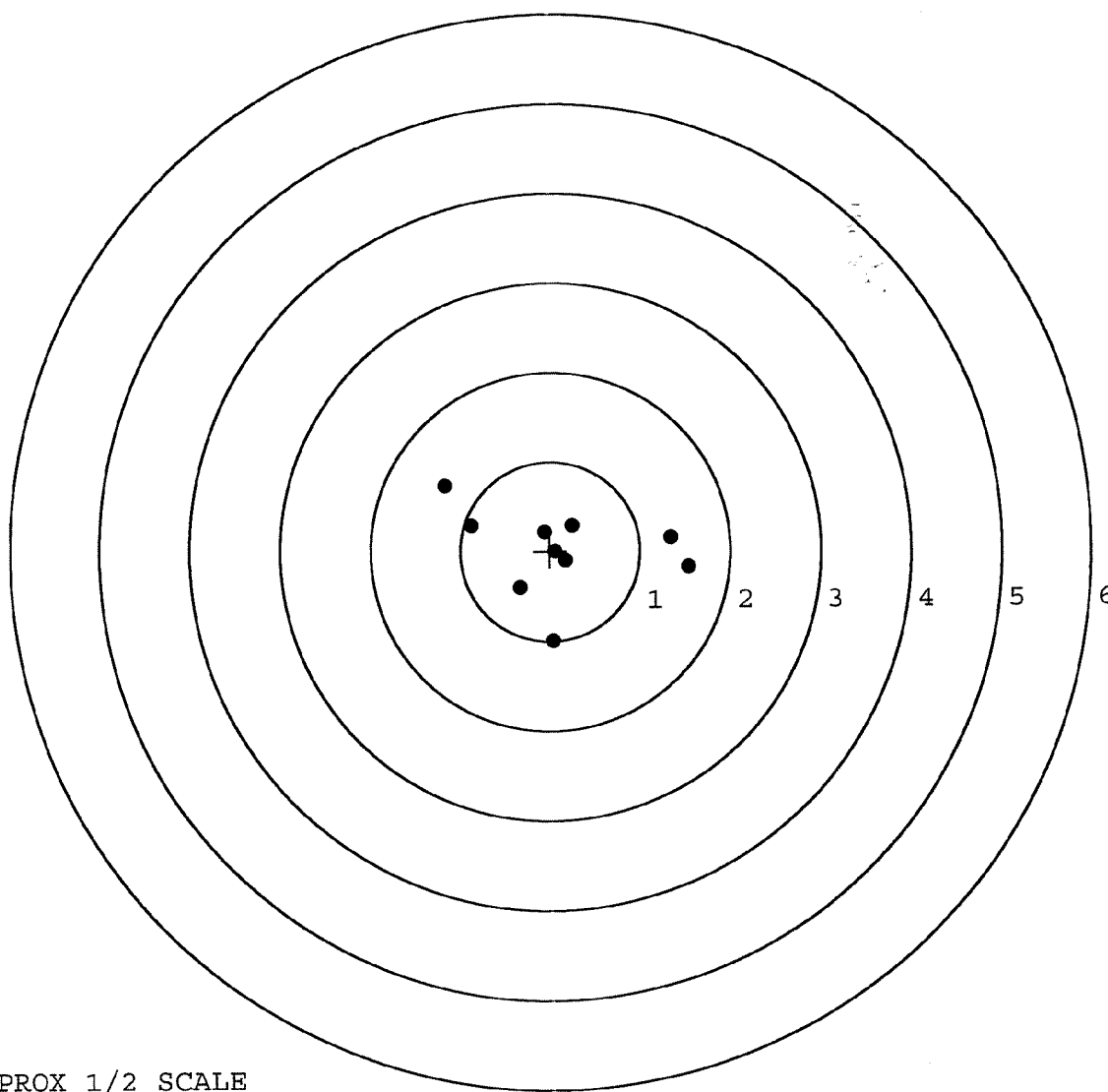


TARGET APPROX 1/2 SCALE

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

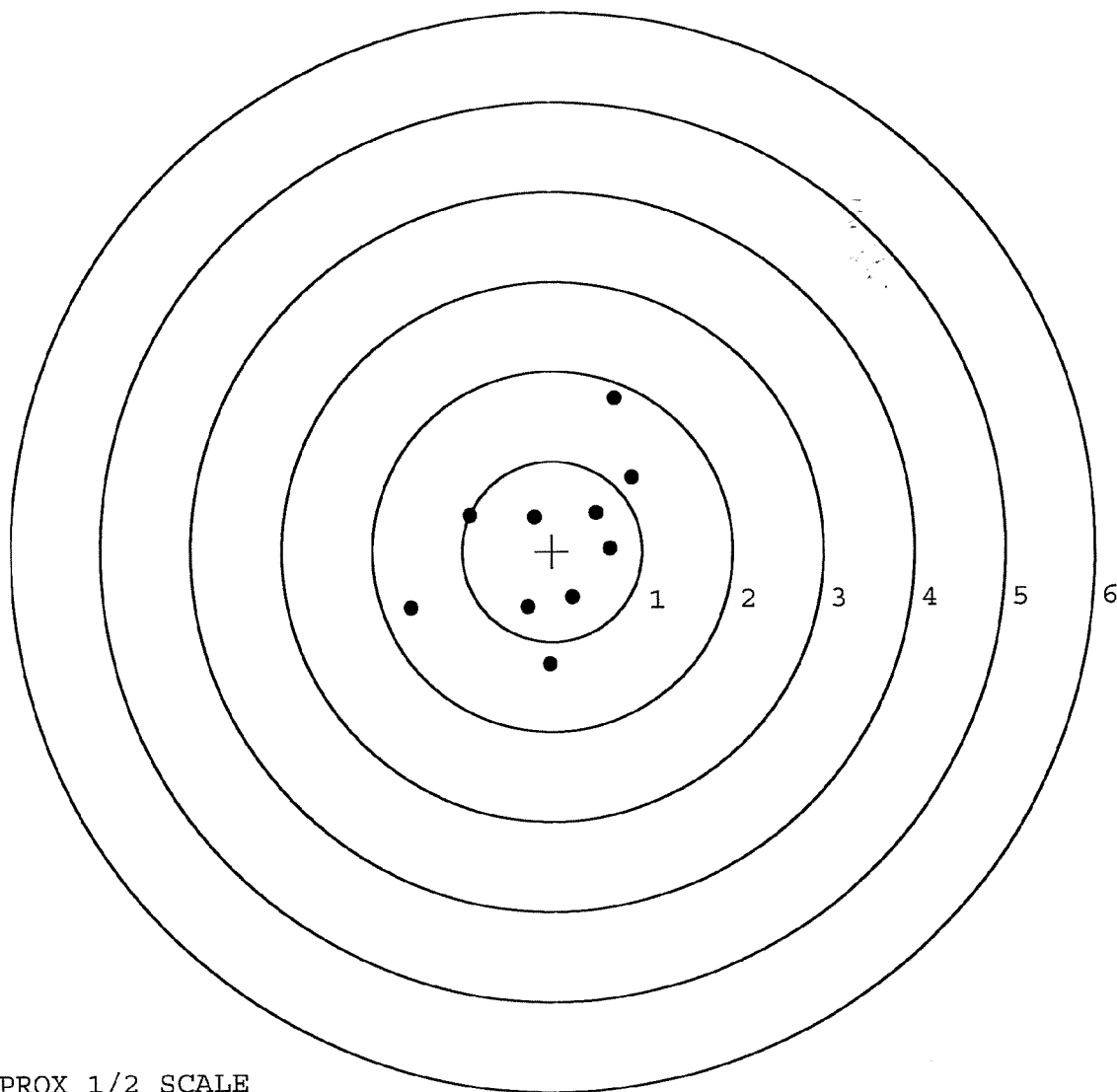


TARGET APPROX 1/2 SCALE

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

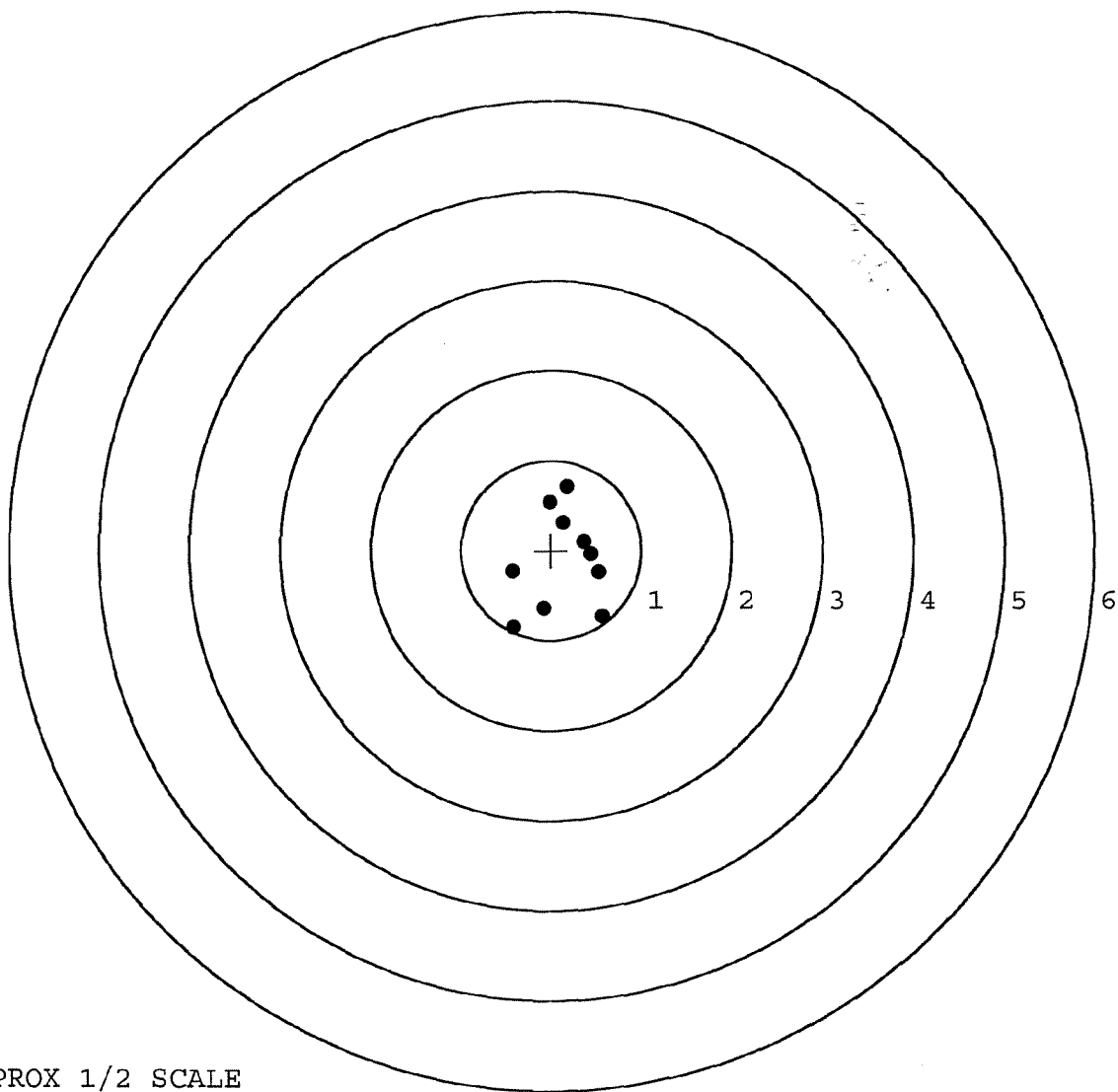
MAX RADIUS: 0.929

MEAN RADIUS: 0.583

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

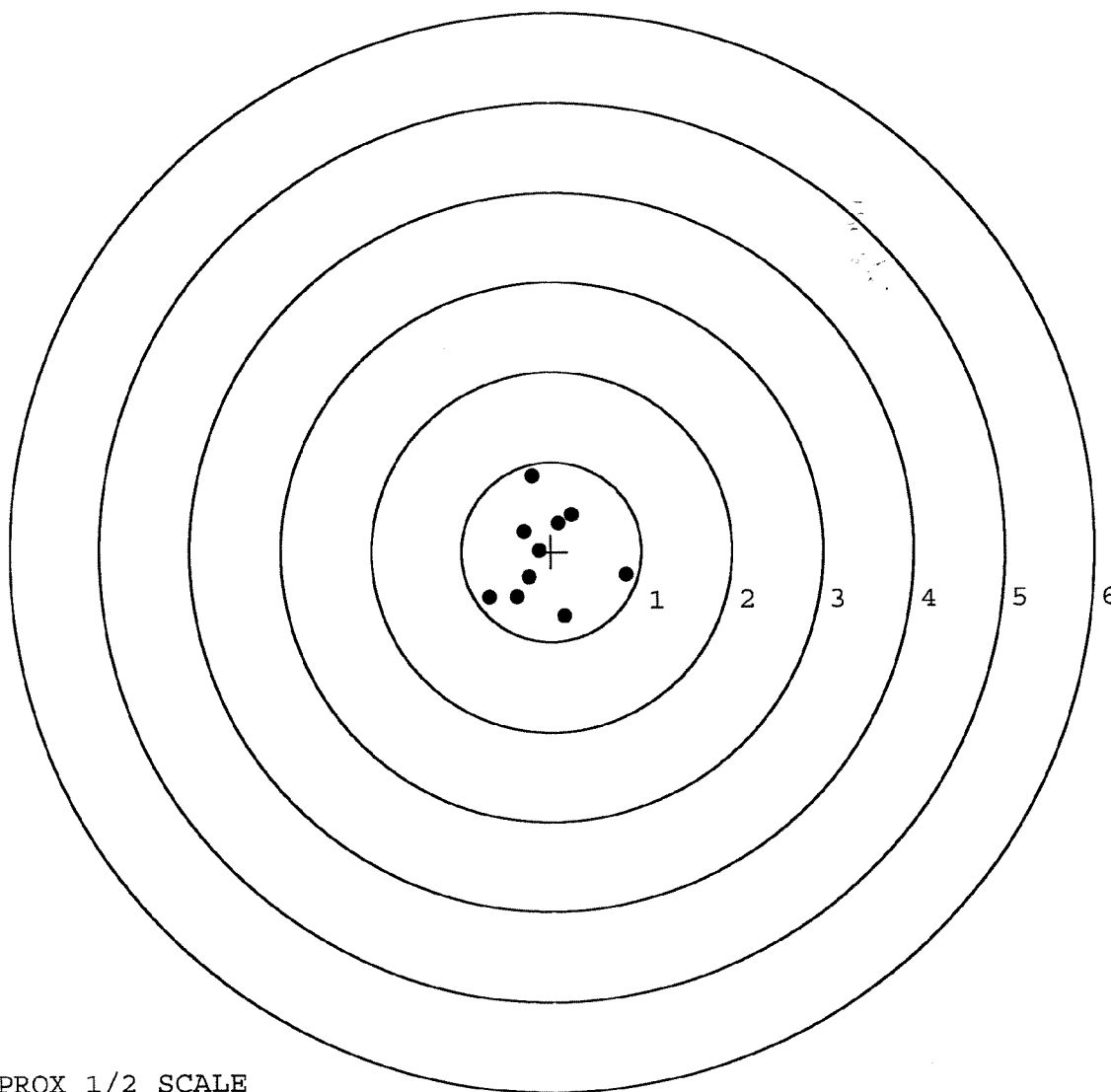


TARGET APPROX 1/2 SCALE

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-0127

SERIAL # E6374631 INSPECTED BY: RFL

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	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	83
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: ☒ 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**

FBI

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 2/17/01 7:43 AM CAPS NUM INS SERL

Start NIS Inb Expl 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

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

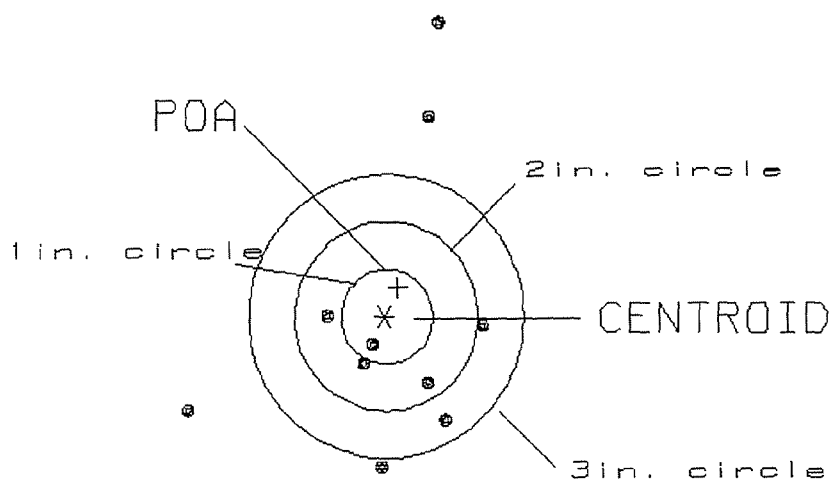
3
4
+2 <----POA
1

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

PATTERN #: ☐ 2 ☐

POA TO CENTROID: .146

MIN RADIUS : .246

MEAN RADIUS : 1.232

MAX RADIUS : 2.432

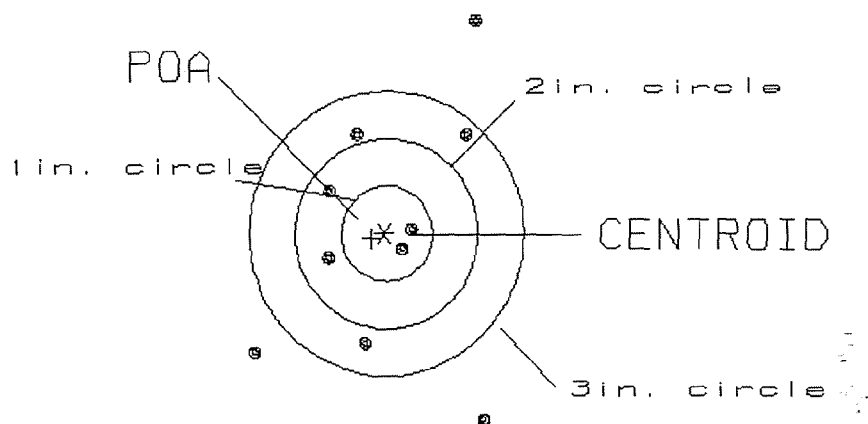
CENTROID X : .134

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

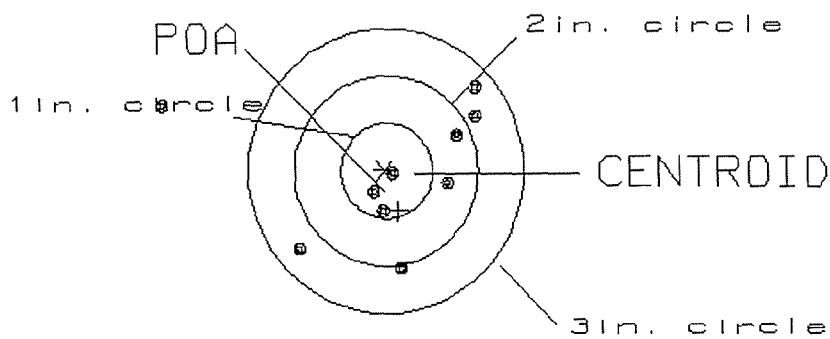
PATTERN #: ☐ 3 ☐

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

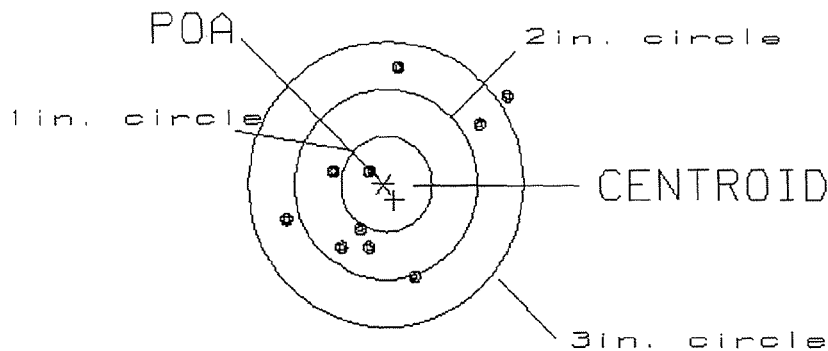
PATTERN #: ☐ 4 ☐

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

1

VS= 2.27

5

GS= 2.74

9

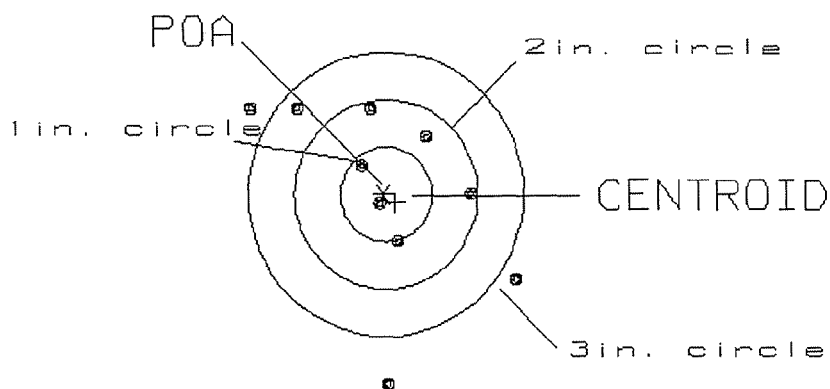
PATTERN #: ☐ 5 ☐

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

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

R & E NUMBER			
SERIAL NUMBER <i>E 6374631</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>CK</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>4-2-01</i>	<i>RW</i>
655	FINAL INSPECT	<i>4-3-01</i>	<i>RW</i>
660	PACK		
		SHIP DATE	
		QAR INSPECTION DATE	

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: _____

