

G6360 935
Rapha
E 6413593

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: **RE00085642** Serial: E6413593 Model M24 SWS CenterFire Caliber 7.62 NATO Repairman: Status: Closed 9/28/2004 2:36:49 PM

Address Information

Customer: C CO SPT BN 1ST SWTG A Received From: C CO SPT BN 1ST SWTG A Return To: C CO SPT BN 1ST SWTG A

Address 1: AHN ARMAMENT FACILITY Address 2: PO Box: FT BRAGG City: 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: 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

naglatj 9/28/2004 2:52 PM CAPS NUM INS SCRL

start 2 3 4

G 6360935

Serial Number: **E6413593**

Model: M24 SWS



RE00085642

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6360935.__0
FILE DATE AND TIME: 11/02/2004 09:02

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.035
The Average Y Centroid of the Five Target Set:	-0.001
The Average Point of Impact of the Five Target Set:	0.035
The Average Mean Radius of the Five Target Set:	0.984
The Distance from POA to Centroid Target #1:	0.152
The Distance from Centroid Target #2 to Centroid Target #1:	0.222
The Distance from Centroid Target #3 to Centroid Target #1:	0.162
The Distance from Centroid Target #4 to Centroid Target #1:	0.395
The Distance from Centroid Target #5 to Centroid Target #1:	0.134

SERIAL NUMBER: G6360935. __0

TARGET NUMBER: 1

FILE DATE: 11/02/2004

FILE TIME: 09:02

X CENTROID: -0.030

Y CENTROID: -0.149

POA TO CENTROID: 0.152

HORZ SPREAD: 1.884

VERT SPREAD: 2.909

GROUP SPREAD: 3.094

MIN RADIUS: 0.490

MAX RADIUS: 1.988

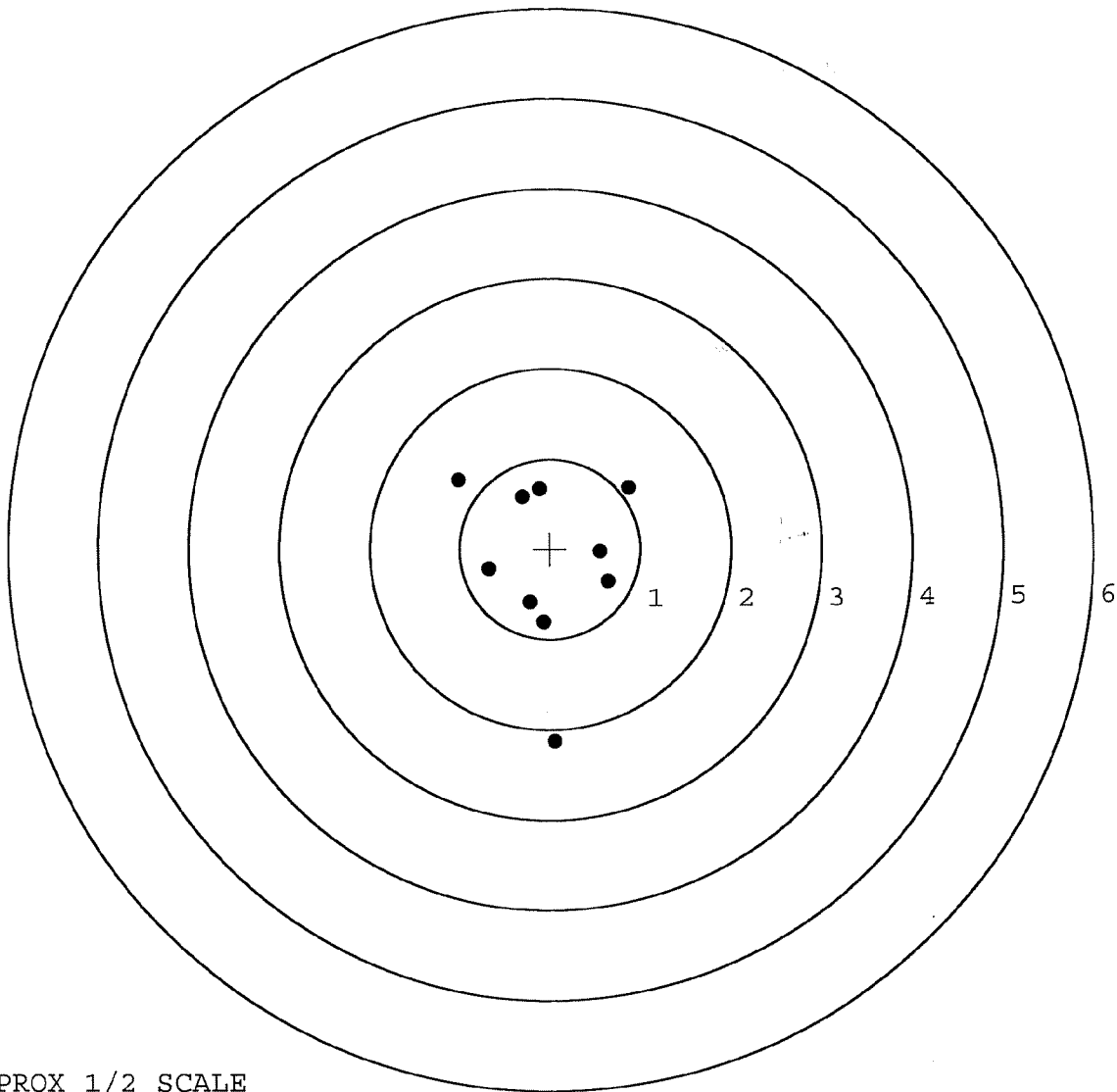
MEAN RADIUS: 0.927

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.044	-2.135
2:	0.874	0.675
3:	0.557	-0.038
4:	0.640	-0.371
5:	-0.080	-0.818
6:	-0.225	-0.598
7:	-0.676	-0.223
8:	-0.304	0.581
9:	-0.118	0.667
10:	-1.010	0.774



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360935. 0

TARGET NUMBER: 2

FILE DATE: 11/02/2004

FILE TIME: 09:02

X CENTROID: 0.024

Y CENTROID: 0.066

POA TO CENTROID: 0.071

HORZ SPREAD: 2.806

VERT SPREAD: 3.306

GROUP SPREAD: 3.434

MIN RADIUS: 0.401

MAX RADIUS: 2.198

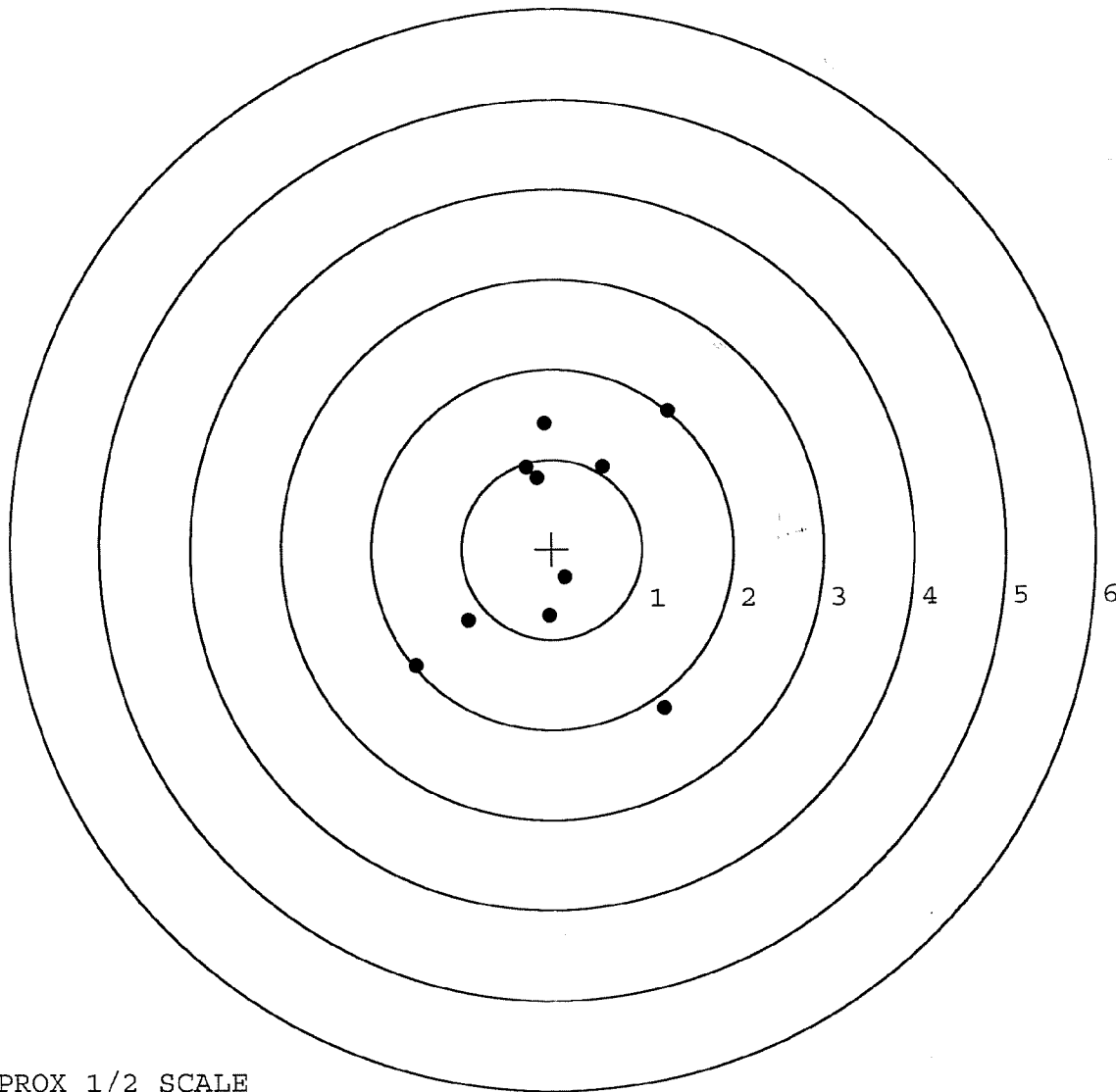
MEAN RADIUS: 1.269

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 7

POINT#	X	Y
1:	1.230	-1.771
2:	-0.036	-0.744
3:	0.143	-0.316
4:	-0.931	-0.791
5:	-1.514	-1.282
6:	-0.275	0.914
7:	-0.166	0.795
8:	-0.074	1.406
9:	0.572	0.919
10:	1.292	1.535



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360935. __0

TARGET NUMBER: 3

FILE DATE: 11/02/2004

FILE TIME: 09:02

X CENTROID: -0.092

Y CENTROID: 0.000

POA TO CENTROID: 0.092

HORZ SPREAD: 3.065

VERT SPREAD: 3.438

GROUP SPREAD: 3.241

MIN RADIUS: 0.297

MAX RADIUS: 2.195

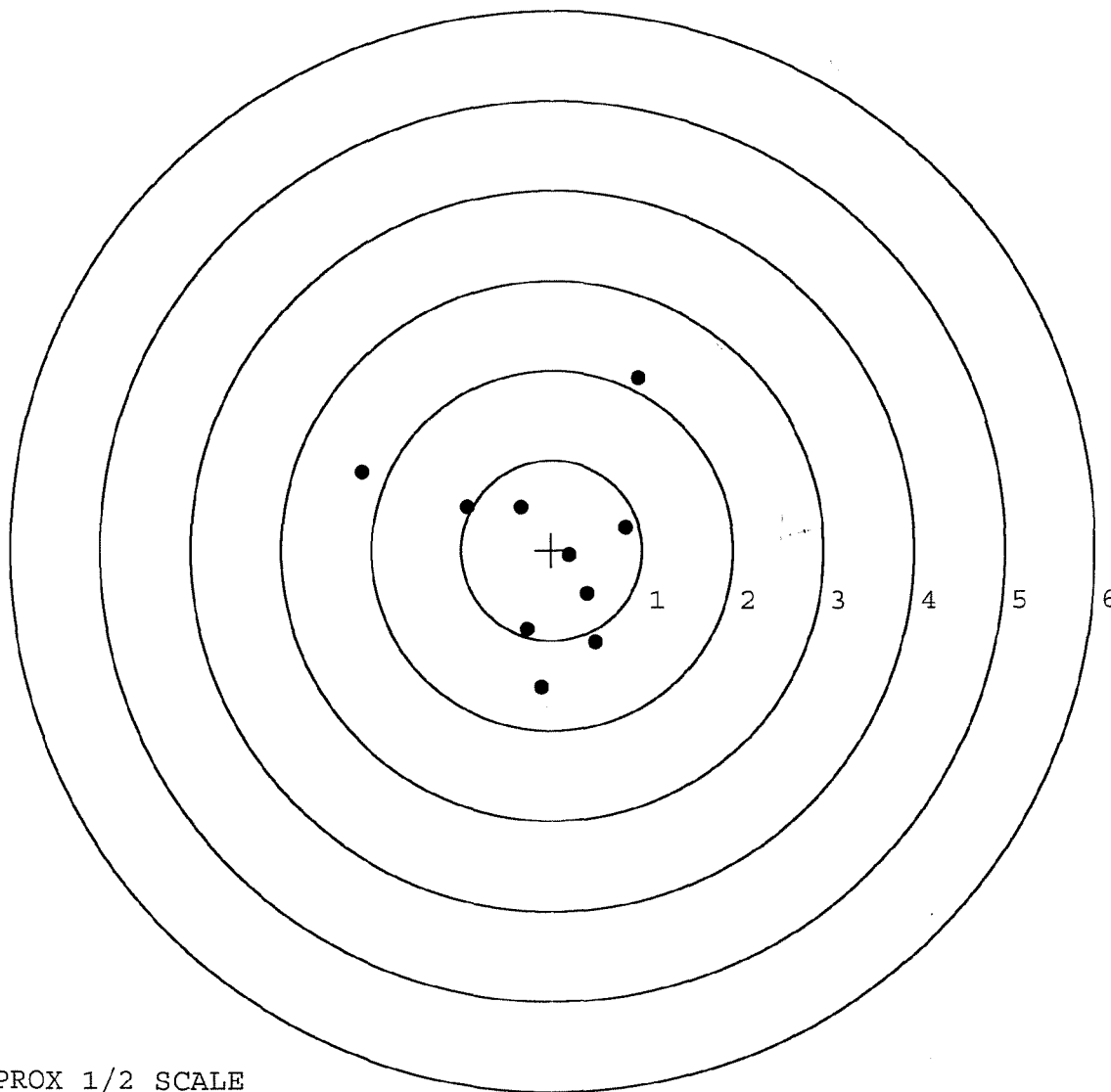
MEAN RADIUS: 1.143

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 7

POINT#	X	Y
1:	-0.116	-1.523
2:	0.493	-1.025
3:	0.394	-0.485
4:	-0.279	-0.883
5:	0.198	-0.064
6:	0.826	0.251
7:	-0.343	0.479
8:	-0.935	0.479
9:	-2.111	0.861
10:	0.954	1.915



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360935. 0

TARGET NUMBER: 4

FILE DATE: 11/02/2004

FILE TIME: 09:02

POINT#	X	Y
1:	0.689	-0.429
2:	0.587	-0.464
3:	0.507	-0.626
4:	0.003	-0.746
5:	-0.144	-0.240
6:	0.206	0.056
7:	-0.195	0.260
8:	-0.045	0.056
9:	0.766	1.249
10:	0.453	1.819

X CENTROID: 0.283

Y CENTROID: 0.094

POA TO CENTROID: 0.298

HORZ SPREAD: 0.961

VERT SPREAD: 2.565

GROUP SPREAD: 2.604

MIN RADIUS: 0.085

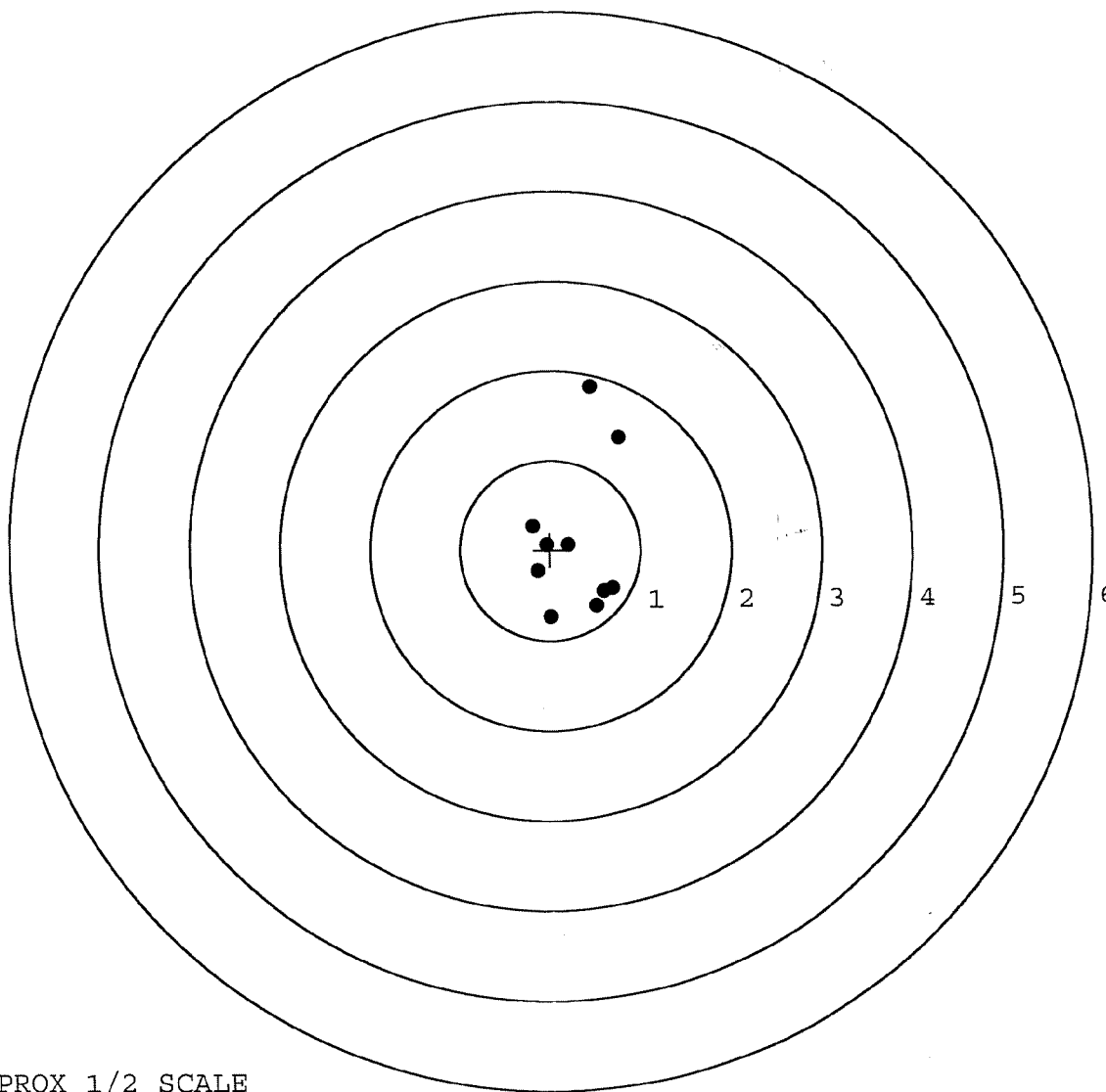
MAX RADIUS: 1.734

MEAN RADIUS: 0.738

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360935. 0

TARGET NUMBER: 5

FILE DATE: 11/02/2004

FILE TIME: 09:02

X CENTROID: -0.008

Y CENTROID: -0.017

POA TO CENTROID: 0.018

HORZ SPREAD: 1.705

VERT SPREAD: 2.890

GROUP SPREAD: 3.139

MIN RADIUS: 0.305

MAX RADIUS: 1.844

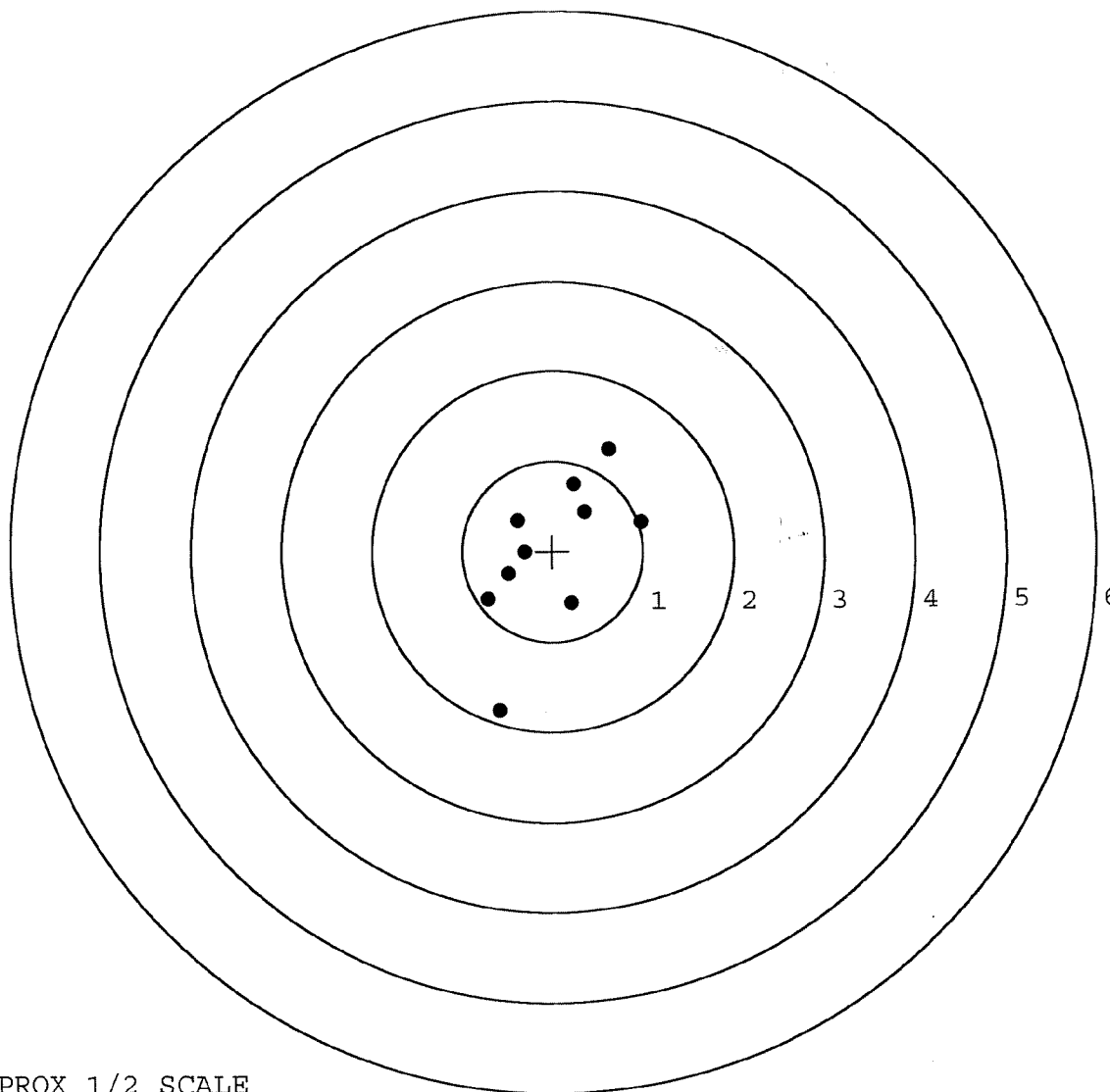
MEAN RADIUS: 0.842

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.597	-1.764
2:	0.211	-0.579
3:	0.985	0.323
4:	0.628	1.126
5:	0.240	0.740
6:	0.361	0.435
7:	-0.384	0.340
8:	-0.313	-0.007
9:	-0.490	-0.253
10:	-0.720	-0.528



TARGET APPROX 1/2 SCALE

[illegible]

AVERAGE PULL FORCE BETWEEN
 INITIAL BARBER - M24 0082711
 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)

SERIAL NO.

DATE 10-13-04

TESTER TRCJ

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.19	2.17		2.26	
PULL #2	2.34	2.35		2.17	
PULL #3	2.52	2.49		2.15	
PULL #4	2.41	2.41		2.12	
PULL #5	2.50	2.35		2.01	
TOTAL	11.96	11.77		10.71	
AVERAGE	2.39	2.35		2.14	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.34	3.20		
PULL #2	3.43	3.24		
PULL #3	3.28	2.99		
PULL #4	3.35	3.17		
PULL #5	3.38	3.12		
TOTAL	16.78	15.72		
AVERAGE	3.35	3.14		

	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	4.36	4.23		3.95
PULL #2	4.02	4.12		4.06
PULL #3	4.26	4.19		4.09
PULL #4	4.33	4.21		3.99
PULL #5	4.33	4.21		3.99
TOTAL	21.30	20.96		20.08
AVERAGE	4.26	4.19		4.01

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

R & E NUMBER	85642		
SERIAL NUMBER	E 6413593 new G 6360935		
LOG-IN DATE	9-28-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-7-04	AC
560 A	RE-BARREL	10-8-04	AC
B	DRILL AND TAP	10-12-04	TRW
575	ASSEMBLE	10-8-04	RTL
600	PROOF	10-11-04	K
605	CHECK HEADSPACE	10-12-04	RTL
610	DIS-ASSEMBLE GUN	10-12-04	RTL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	10/13/04	CU
618	ROTO-BLAST	10/14/04	LB
620	APPLY COATINGS	10/25/04	HP
625 A	FINAL ASSEMBLY	10-28-04	RTL
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

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Repair Inquiry

Repair Number: **RE00023084** Serial: **E6374564** Model: **700** Center Fire Caliber: **7.62 NATO M-24 (SWS)** Repairman: Status: **Closed 2/16/01 10:37:34 AM**

Verify Repair

Address Information

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

Address 1: **USA JFK SWCS** Address 2: PO Box: City: **FT BRAGG** 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** 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

7:44 AM CAPS NUM INS SCRL

Start NIS Inb Expl Part SA Ar... Nag Ne 7:44 AM

Serial Number: **E6374564**

Model: **700**



RE00023084

E6413593

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # E6413593
2 Apr 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .029
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0292
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0411539

THE AMR FOR THIS RIFLE IS: 1.128

CENTROIDAL DISTANCES

0	TO	1	.0748465
1	TO	2	.267088
1	TO	3	.317907
1	TO	4	.0756042
1	TO	5	.175414

2
4 5 <----POA
3

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

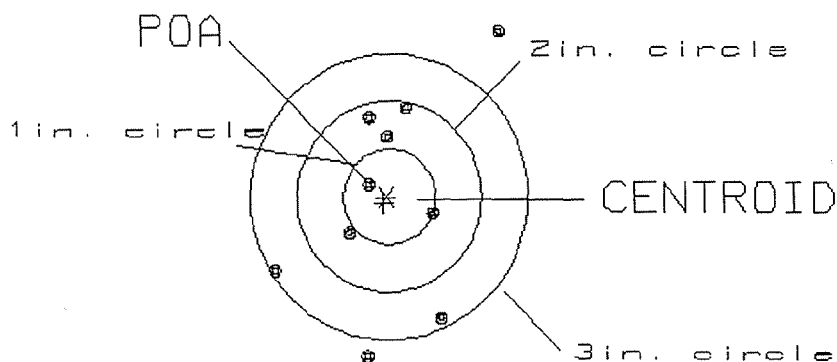
PATTERN #: ☐ 1 ☐

POA TO CENTROID: .074
 MIN RADIUS : .227
 MEAN RADIUS : 1.023
 MAX RADIUS : 2.101
 CENTROID X : .029
 CENTROID Y : .069

2 Apr 2001

FILE:/Hqbasic/Accuracy/Patterning/Centerfire_Patt/e6413593

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.41
 VS= 3.38
 GS= 3.67

2
 6
 8

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

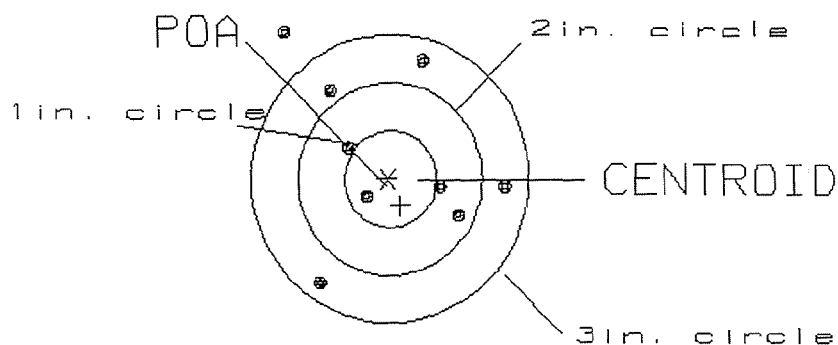
PATTERN #: ☐ 2 ☐

POA TO CENTROID: .309
 MIN RADIUS : .332
 MEAN RADIUS : 1.155
 MAX RADIUS : 2.189
 CENTROID X : -.141
 CENTROID Y : .275

2 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413593

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.43
 VS= 3.67
 GS= 3.98

1
 4
 5

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

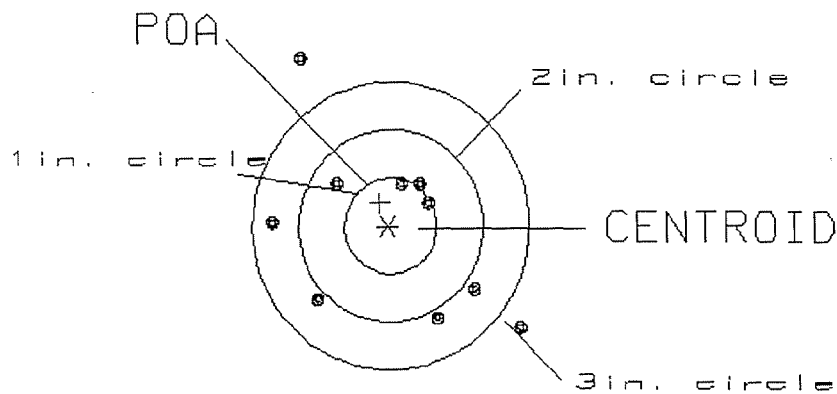
PATTERN #: 3

POA TO CENTROID: .259
 MIN RADIUS : .466
 MEAN RADIUS : 1.050
 MAX RADIUS : 2.015
 CENTROID X : .090
 CENTROID Y : -.243

2 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413593

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.66
 VS= 2.83
 GS= 3.70

2
 4
 8

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

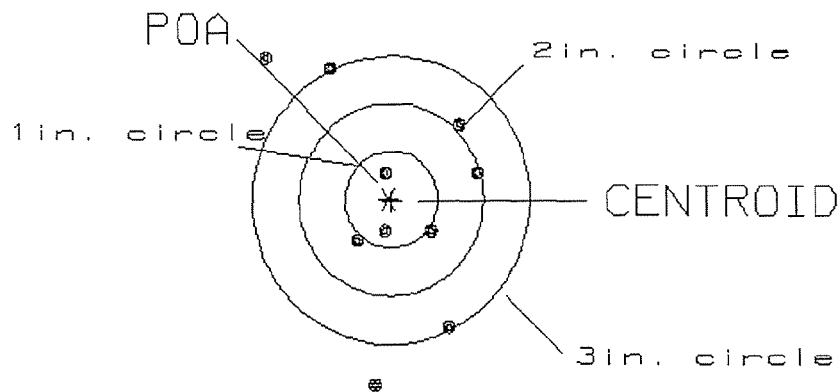
PATTERN #: ☐ 4 ☐

POA TO CENTROID: .039
 MIN RADIUS : .297
 MEAN RADIUS : 1.064
 MAX RADIUS : 2.022
 CENTROID X : -.031
 CENTROID Y : .023

2 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413593

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.24
 VS= 3.43
 GS= 3.63

2
 5
 7

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 5 ☐

POA TO CENTROID: .199

MIN RADIUS : .144

MEAN RADIUS : 1.348

MAX RADIUS : 2.523

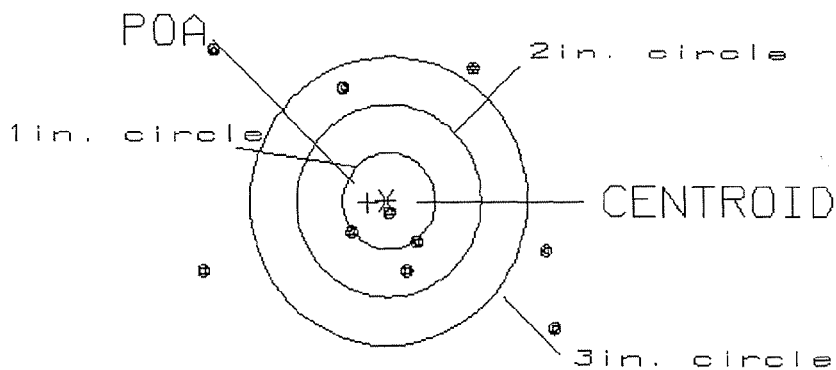
CENTROID X : .198

CENTROID Y : .022

2 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413593

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.80

2

VS= 2.94

4

GS= 4.72

5

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

R & E NUMBER			
SERIAL NUMBER <i>F6413593</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>4-3-07</i>	<i>RW</i>
660	PACK		
		SHIP DATE	
QAR INSPECTION DATE			

Final Inspection

Sn: E6413593 DATE REC'D: 2-17-01 DATE RET'D:

Auditor: CF

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: