

E6413518

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: **RE00108290** Serial: E6413518 Model M24 SWS Center Fire
 Verify Repair: **High Priority** Caliber: 7.62 NATO Repairman: Status: Closed 2/13/2006 11:06:01 AM

Address Information

Customer: ☒ Received From Return To: ☒ Received From

Name: C CO 3/3 SFG (A) C CO 3/3 SFG (A)

Address 1: BLDG 1351 PATRICK LYNCH BLDG 1351 PATRICK LYNCH

Address 2: KUWAIT STREET PO Box: KUWAIT STREET 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

Fair

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A057	Fit and Rear Sgt Base	1

Repair Search **Refresh** **Close**

naqlel 2/13/2006 11:10 AM CAPS NUM INS SCRL

start 2 Microsoft Offi... Arms Services R... 3 Internet Expl... Part Search by M... 11:10 AM

Serial Number: **E6413518**

Model: **M24 SWS**



RE00108290

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: E6413518.___0
FILE DATE AND TIME: 02/22/2006 07:53

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.091
The Average Y Centroid of the Five Target Set:	0.002
The Average Point of Impact of the Five Target Set:	0.091
The Average Mean Radius of the Five Target Set:	0.727
The Distance from POA to Centroid Target #1:	0.094
The Distance from Centroid Target #2 to Centroid Target #1:	0.040
The Distance from Centroid Target #3 to Centroid Target #1:	0.107
The Distance from Centroid Target #4 to Centroid Target #1:	0.421
The Distance from Centroid Target #5 to Centroid Target #1:	0.276

SERIAL NUMBER: E6413518. 0

TARGET NUMBER: 1

FILE DATE: 02/22/2006

FILE TIME: 07:53

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

1:	1.216	0.364
----	-------	-------

2:	0.128	1.070
----	-------	-------

3:	0.734	1.240
----	-------	-------

4:	-0.745	0.777
----	--------	-------

5:	-0.038	0.029
----	--------	-------

6:	-0.466	-0.071
----	--------	--------

7:	0.106	-0.267
----	-------	--------

8:	-0.005	-0.634
----	--------	--------

9:	-0.302	-0.687
----	--------	--------

10:	-0.341	-0.924
-----	--------	--------

X CENTROID: 0.029

Y CENTROID: 0.090

POA TO CENTROID: 0.094

HORZ SPREAD: 1.961

VERT SPREAD: 2.164

GROUP SPREAD: 2.416

MIN RADIUS: 0.090

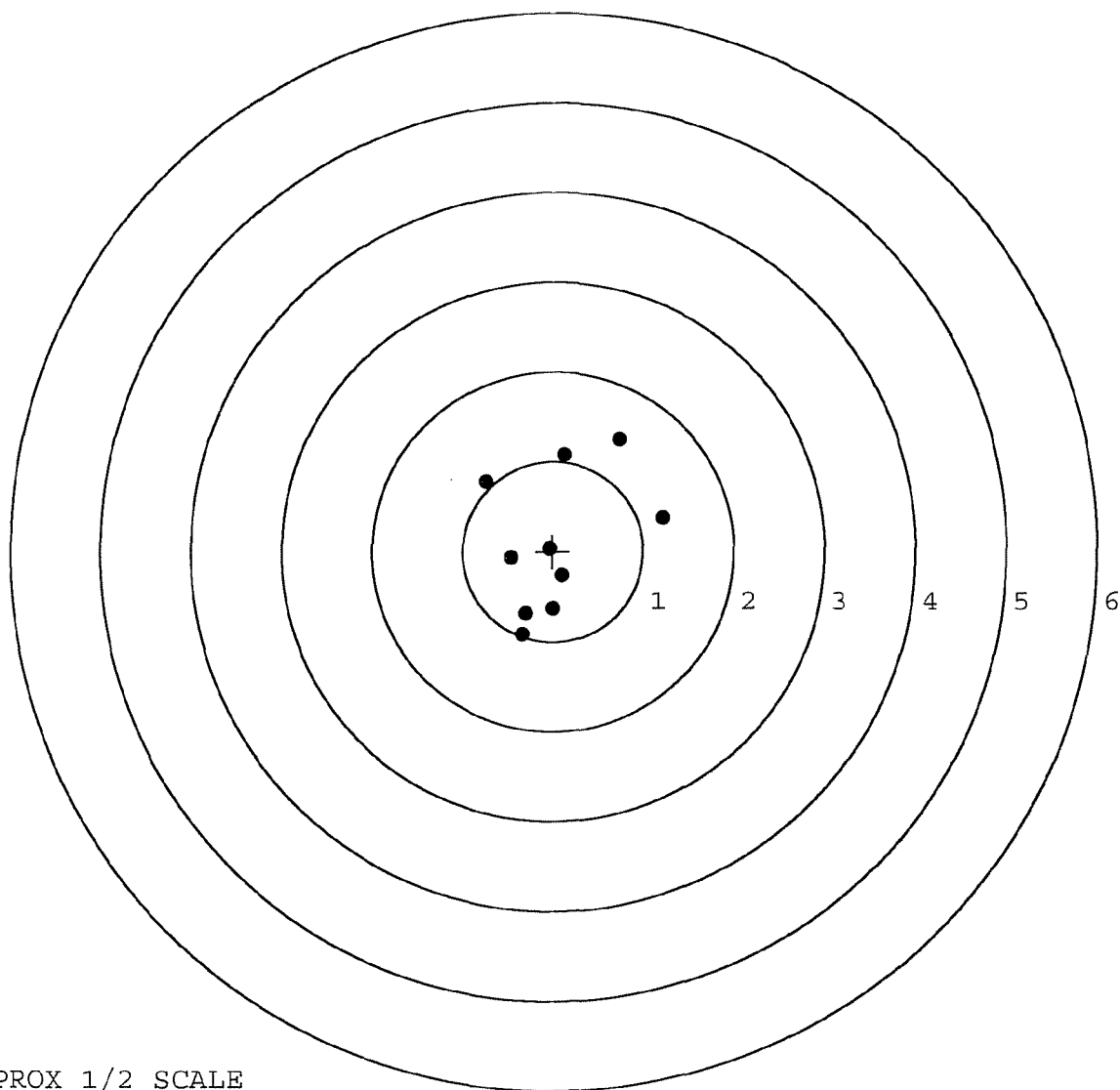
MAX RADIUS: 1.349

MEAN RADIUS: 0.821

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10

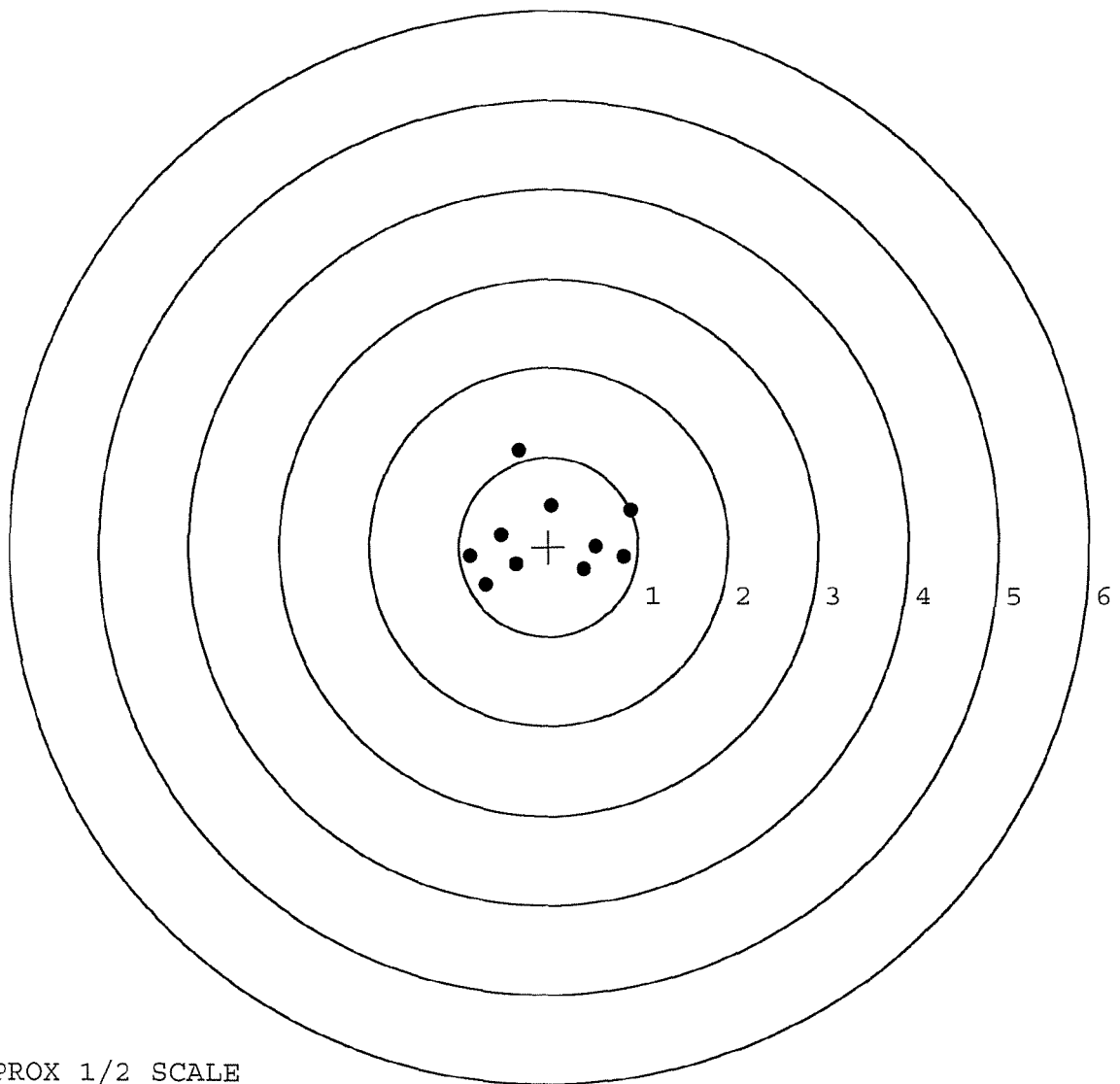


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413518. 0
TARGET NUMBER: 2
FILE DATE: 02/22/2006
FILE TIME: 07:53

POINT#	X	Y
1:	0.029	0.466
2:	0.916	0.407
3:	-0.337	1.077
4:	0.844	-0.115
5:	0.527	0.004
6:	0.396	-0.258
7:	-0.534	0.136
8:	-0.362	-0.194
9:	-0.879	-0.108
10:	-0.706	-0.424

X CENTROID: -0.011
Y CENTROID: 0.099
POA TO CENTROID: 0.100
HORZ SPREAD: 1.795
VERT SPREAD: 1.501
GROUP SPREAD: 1.678
MIN RADIUS: 0.369
MAX RADIUS: 1.031
MEAN RADIUS: 0.709
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413518. 0

TARGET NUMBER: 3

FILE DATE: 02/22/2006

FILE TIME: 07:53

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

1:	-0.310	-0.840
----	--------	--------

2:	0.636	-0.498
----	-------	--------

3:	0.384	-0.144
----	-------	--------

4:	0.691	0.070
----	-------	-------

5:	0.165	0.582
----	-------	-------

6:	-0.149	0.913
----	--------	-------

7:	-0.214	-0.093
----	--------	--------

8:	-0.344	0.276
----	--------	-------

9:	-0.734	0.175
----	--------	-------

10:	-0.903	0.508
-----	--------	-------

X CENTROID: -0.078

Y CENTROID: 0.095

POA TO CENTROID: 0.123

HORZ SPREAD: 1.594

VERT SPREAD: 1.753

GROUP SPREAD: 1.760

MIN RADIUS: 0.232

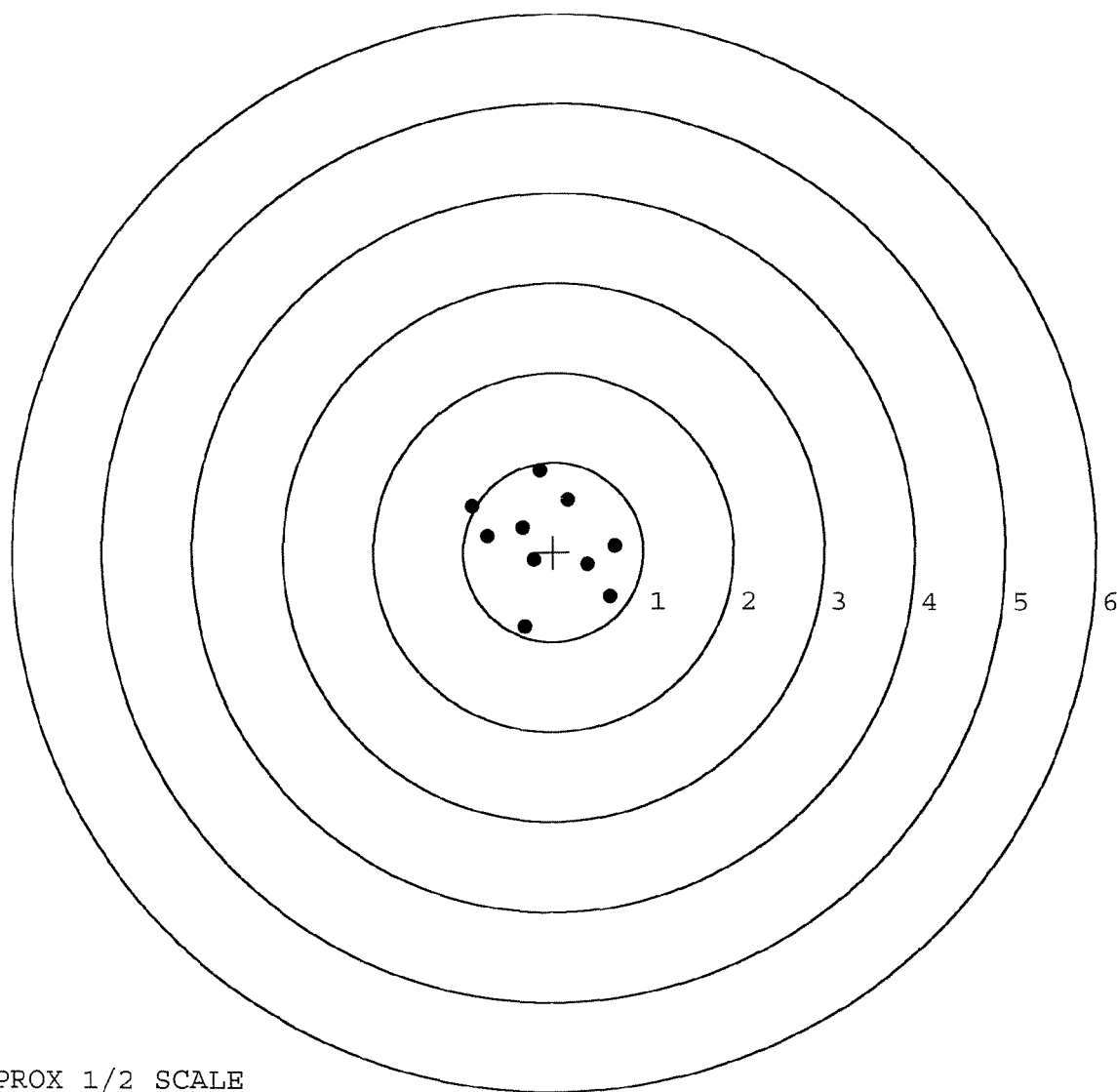
MAX RADIUS: 0.963

MEAN RADIUS: 0.668

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

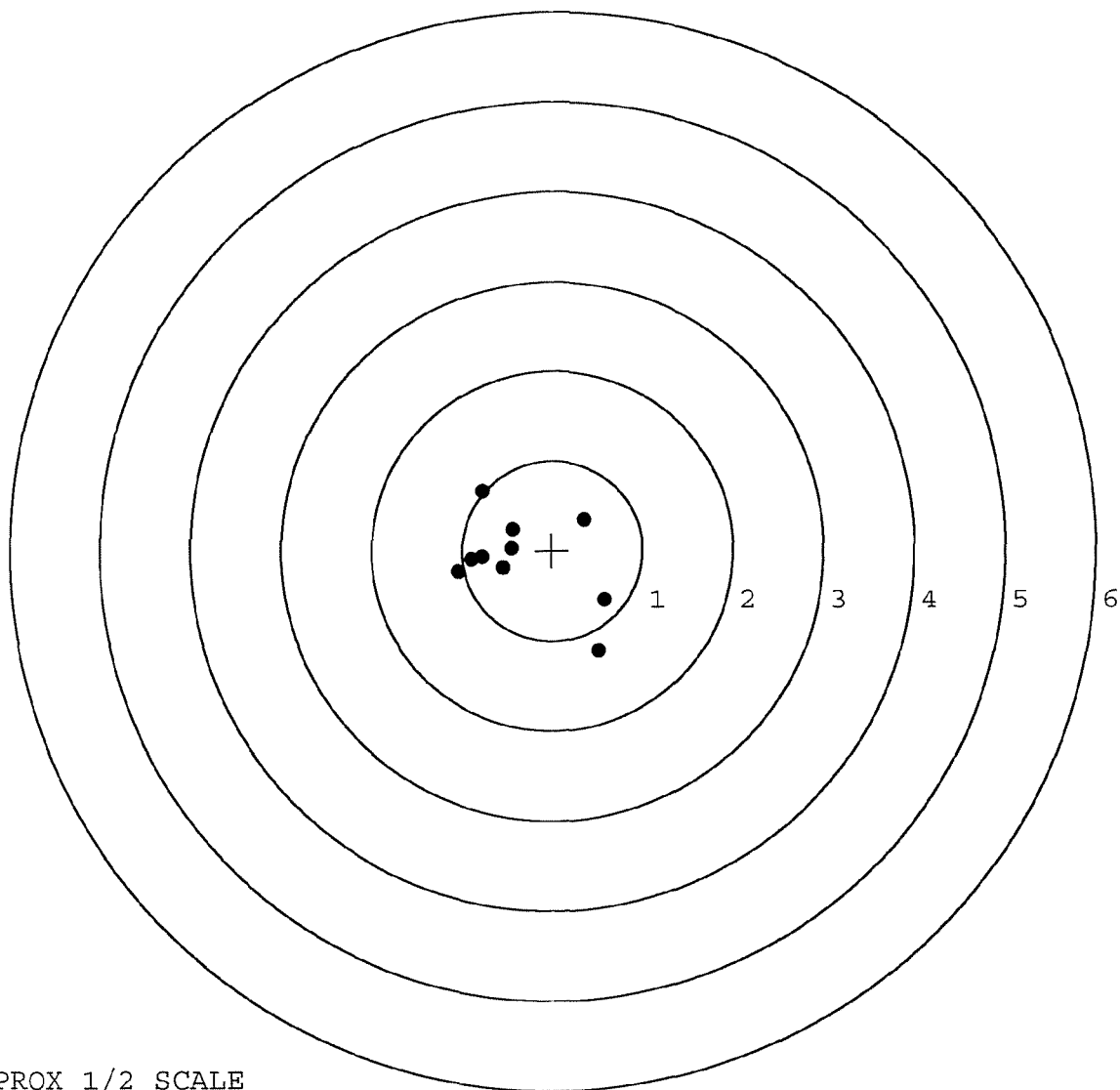


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413518. 0
TARGET NUMBER: 4
FILE DATE: 02/22/2006
FILE TIME: 07:53

POINT#	X	Y
1:	0.523	-1.119
2:	0.582	-0.553
3:	0.357	0.342
4:	-0.778	0.665
5:	-1.042	-0.239
6:	-0.895	-0.097
7:	-0.779	-0.071
8:	-0.545	-0.193
9:	-0.452	0.027
10:	-0.446	0.237

X CENTROID: -0.347
Y CENTROID: -0.100
POA TO CENTROID: 0.362
HORZ SPREAD: 1.624
VERT SPREAD: 1.784
GROUP SPREAD: 2.208
MIN RADIUS: 0.165
MAX RADIUS: 1.340
MEAN RADIUS: 0.651
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

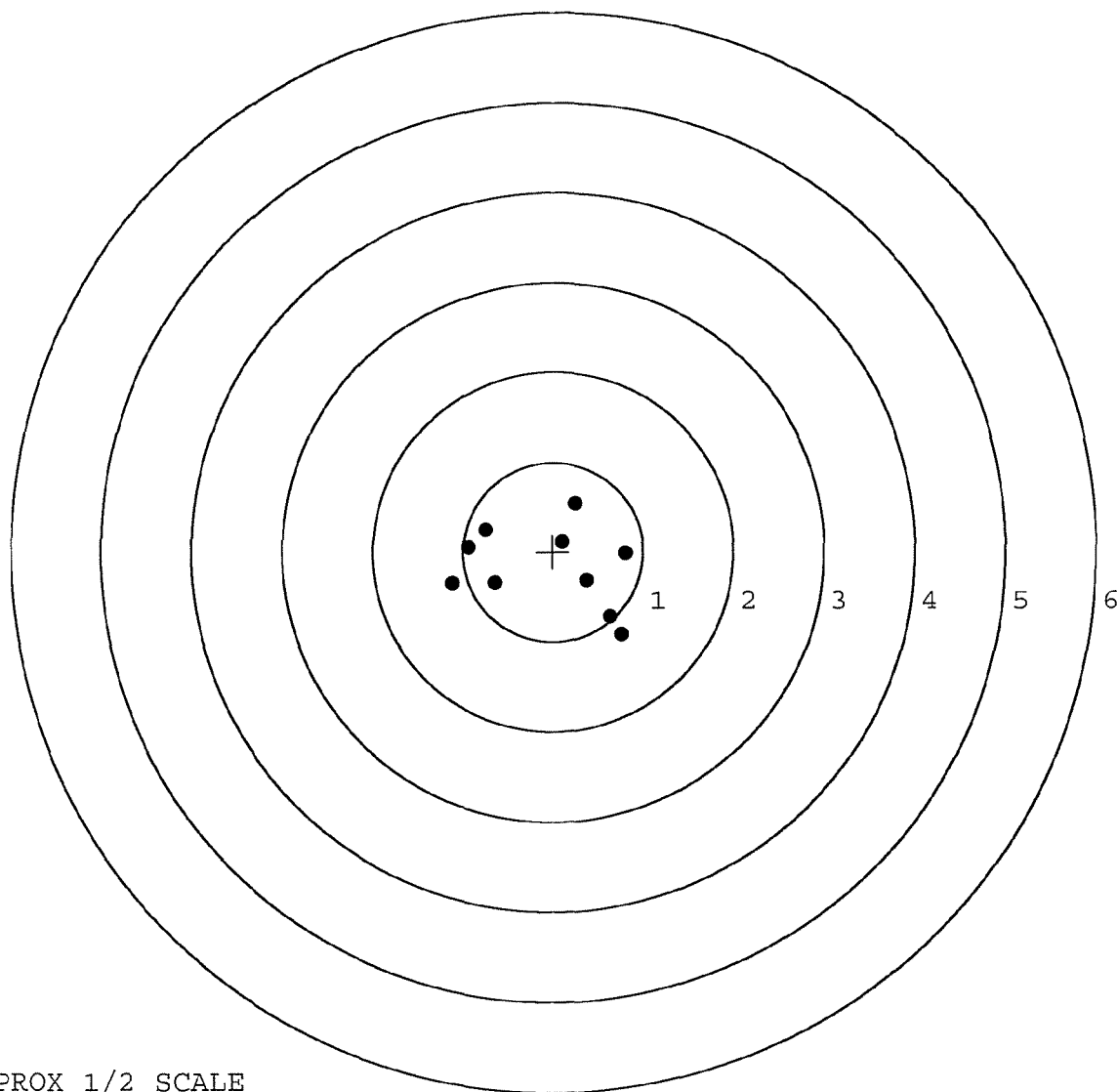


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413518. 0
TARGET NUMBER: 5
FILE DATE: 02/22/2006
FILE TIME: 07:53

X CENTROID: -0.050
Y CENTROID: -0.175
POA TO CENTROID: 0.182
HORZ SPREAD: 1.924
VERT SPREAD: 1.477
GROUP SPREAD: 1.963
MIN RADIUS: 0.323
MAX RADIUS: 1.110
MEAN RADIUS: 0.785
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.761	-0.932
2:	0.635	-0.729
3:	0.810	-0.024
4:	0.377	-0.321
5:	0.108	0.107
6:	0.250	0.545
7:	-0.644	-0.349
8:	-1.114	-0.356
9:	-0.934	0.059
10:	-0.751	0.251



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	108290			
SERIAL NUMBER	E643518			
LOG-IN DATE	2-13-06			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		2-13-06	RTZ
505	RE-BARREL		2-14-06	RTZ
560	ASSEMBLE		2-14-06	RTZ
600	PROOF	MAGNA-FLUX INSPECTED	2-14-06	TRW
605	CHECK HEADSPACE		2-14-06	TRW
610	DIS-ASSEMBLE GUN	FEB 16 2006	2-15-06	RTZ
612	MAGNAFLUX	OPERATOR <i>unus</i>	2/15/06	<i>unus</i>
510	DRILL AND TAP		2-15-06	TRW
615	ROLLMARK CALIBER		2-15-06	CW
618	ROTO-BLAST		2-16-06	LB
620	APPLY COATINGS		2/21/06	RE
625	FINAL ASSEMBLY		2-22-06	RTZ
640	FUNCTION TEST AND	PASS FAIL	2-22-06	TRW
650	TARGET	PASS FAIL		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	2-22-06	CH
670	FINAL INSPECTION		2-22-06	AC
	A) HEADSPACE	PASS FAIL	2-22-06	AC
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS		N/A
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS	6 lbs 6 lbs 6 lbs	A
	G) SAFETY OFF FORCE	2 LBS MIN	3 lbs 3 lbs 3 lbs	A
	I) FIRING PIN INDENT	.020	.021 .021 .021	AC
690	PACK		3-3-06	RTZ

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: **RE00009450** Serial: **C6594561** Model: **700** Center Fire Caliber: **7.62 NATO M-24 (SWS)** Repairman: **E6413518** Status: **New 5/18/00 2:40:03 PM**

Verify Repair

Address Information

Customer: **HSC 3RD BN, 3RD SFG (A)** Received From: **HSC 3RD BN, 3RD SFG (A)** Return To: **HSC 3RD BN, 3RD SFG (A)**

Address 1: **FORT BRAGG** Address 2: **FORT BRAGG** PO Box: PO Box:

City: **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

Condition: **Poor** Condition Notes: CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	2
A008	With Swivel	2
A010	Hard Case	1
A017	Scope Base	1

Repair Search **Refresh** **Close**

naglej 5/18/00 3:04 PM CAPS NUM INS SCRL

Start Inb... Micr... SA... Nag... Audit R&... Ar... RE... Prin... 3:04 PM

Serial Number:

C6594561

Model: **700**



RE00009450

96001 - BBL Assy Complete
96005 - BOLT
96018 - Stock

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # e6413518
7 Sep 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0552
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1416
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .151979

THE AMR FOR THIS RIFLE IS: 1.286

CENTROIDAL DISTANCES

0 TO 1	.375353
1 TO 2	.509836
1 TO 3	.466905
1 TO 4	.252676
1 TO 5	.315702

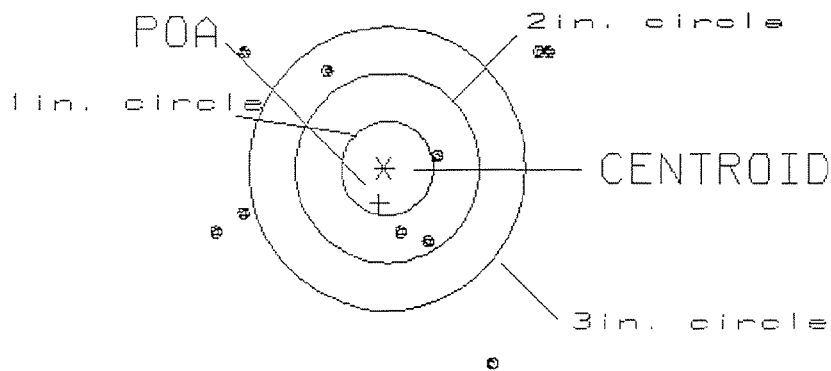
1
4
2 5 <----POA

PATTERN #: ☐ 1 ☐
 POA TO CENTROID: .376
 MIN RADIUS : .577
 MEAN RADIUS : 1.539
 MAX RADIUS : 2.344
 CENTROID X : .057
 CENTROID Y : .371

7 Sep 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/eb413510

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.64
 VS= 3.25
 GS= 4.20

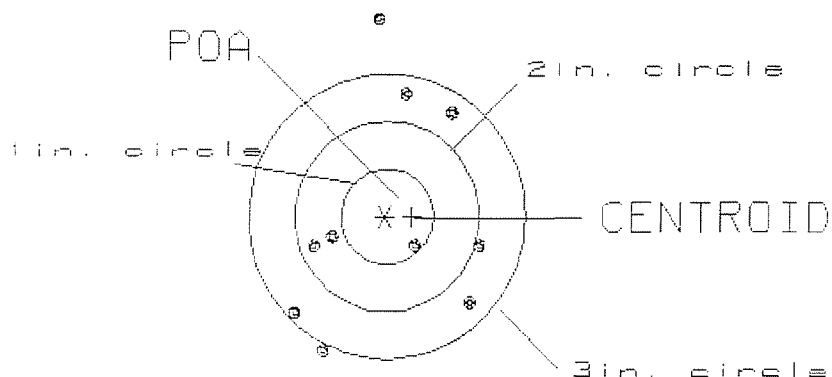
0
 3
 4

PATTERN #: 2
 POA TO CENTROID: .301
 MIN RADIUS : .431
 MEAN RADIUS : 1.198
 MAX RADIUS : 2.119
 CENTROID X : -.301
 CENTROID Y : .008

7 Sep 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413518

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.01
 US= 3.53
 GS= 3.57

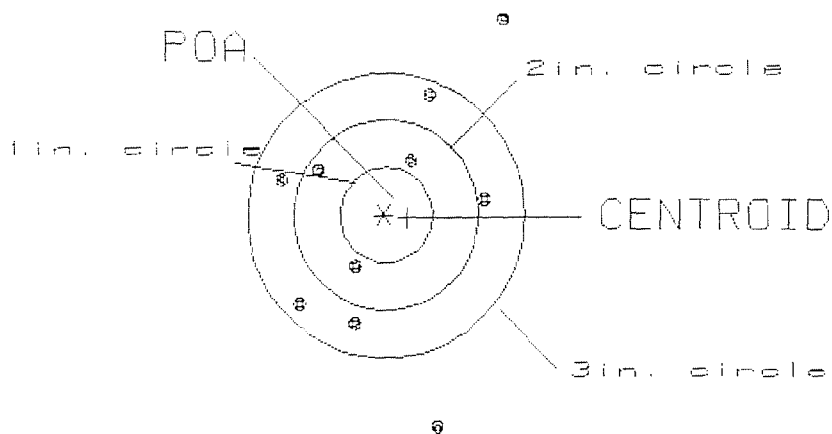
1
 3
 6

PATTERN #: 3
 POA TO CENTROID: .264
 MIN RADIUS : .599
 MEAN RADIUS : 1.295
 MAX RADIUS : 2.415
 CENTROID X : -.263
 CENTROID Y : .031

7 Sep 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413518

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.41
 CS= 4.29
 GS= 4.35

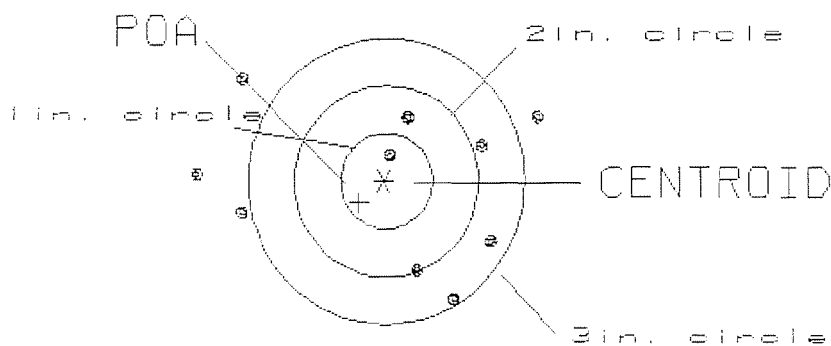
0
 3
 8

PATTERN #: 4
 POA TO CENTROID: .351
 MIN RADIUS : .253
 MEAN RADIUS : 1.307
 MAX RADIUS : 2.044
 CENTROID X : .266
 CENTROID Y : .229

7 Sep 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413518

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

H3= 3.65
 V3= 2.37
 G3= 3.70

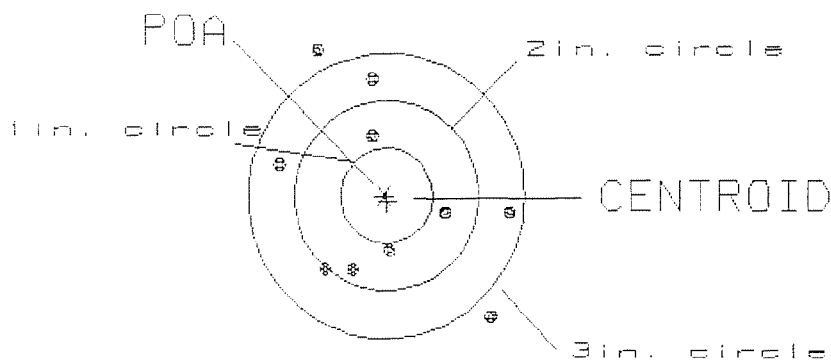
1
 3
 6

PATTERN #: 5
 POA TO CENTROID: .078
 MIN RADIUS : .589
 MEAN RADIUS : 1.090
 MAX RADIUS : 1.704
 CENTROID X : -.035
 CENTROID Y : .069

7 Sep 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413518

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.52

0

VS= 2.75

4

GS= 3.36

8

Final Inspection

S.N. E6413518

DATE REC'D: 5-12-00

DATE RET'D:

AUDITOR: RW

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:

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

[illegible]