

E 6413469
Replace
C-6522141

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: RE00144395

Serial: E6413474 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: Closed 4/14/2008 1:18:07 PM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: BROCK BUDDLES

BROCK BUDDLES

Address 1: C CO 1ST BN

C CO 1ST BN

Address 2: 7TH SFG (A)

PO Box:

7TH SFG (A)

PO Box:

City: FT. BRAGG

FT. 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: NN

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
D000	MARS RAIL	1

Repair Search

Refresh

Close

nagletj

4/14/2008

3:26 PM

NUM



Serial Number: E6413474

Model: M24 SWS



RE00144395

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: E6413474.___0

FILE DATE AND TIME: 05/07/2008 04:35

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.004
The Average Y Centroid of the Five Target Set:	-0.061
The Average Point of Impact of the Five Target Set:	0.061
The Average Mean Radius of the Five Target Set:	0.941
The Distance from POA to Centroid Target #1:	0.199
The Distance from Centroid Target #2 to Centroid Target #1:	0.353
The Distance from Centroid Target #3 to Centroid Target #1:	0.357
The Distance from Centroid Target #4 to Centroid Target #1:	0.262
The Distance from Centroid Target #5 to Centroid Target #1:	0.315

SERIAL NUMBER: E6413474. 0

TARGET NUMBER: 1

FILE DATE: 05/07/2008

FILE TIME: 04:35

POINT#	X	Y
1:	1.084	-1.826
2:	0.632	-1.019
3:	2.146	-0.019
4:	-0.159	-0.582
5:	-0.575	-0.350
6:	-0.429	0.028
7:	-0.695	0.251
8:	-0.242	0.637
9:	-0.702	1.918
10:	0.115	-0.639

X CENTROID: 0.118

Y CENTROID: -0.160

POA TO CENTROID: 0.199

HORZ SPREAD: 2.848

VERT SPREAD: 3.744

GROUP SPREAD: 4.148

MIN RADIUS: 0.479

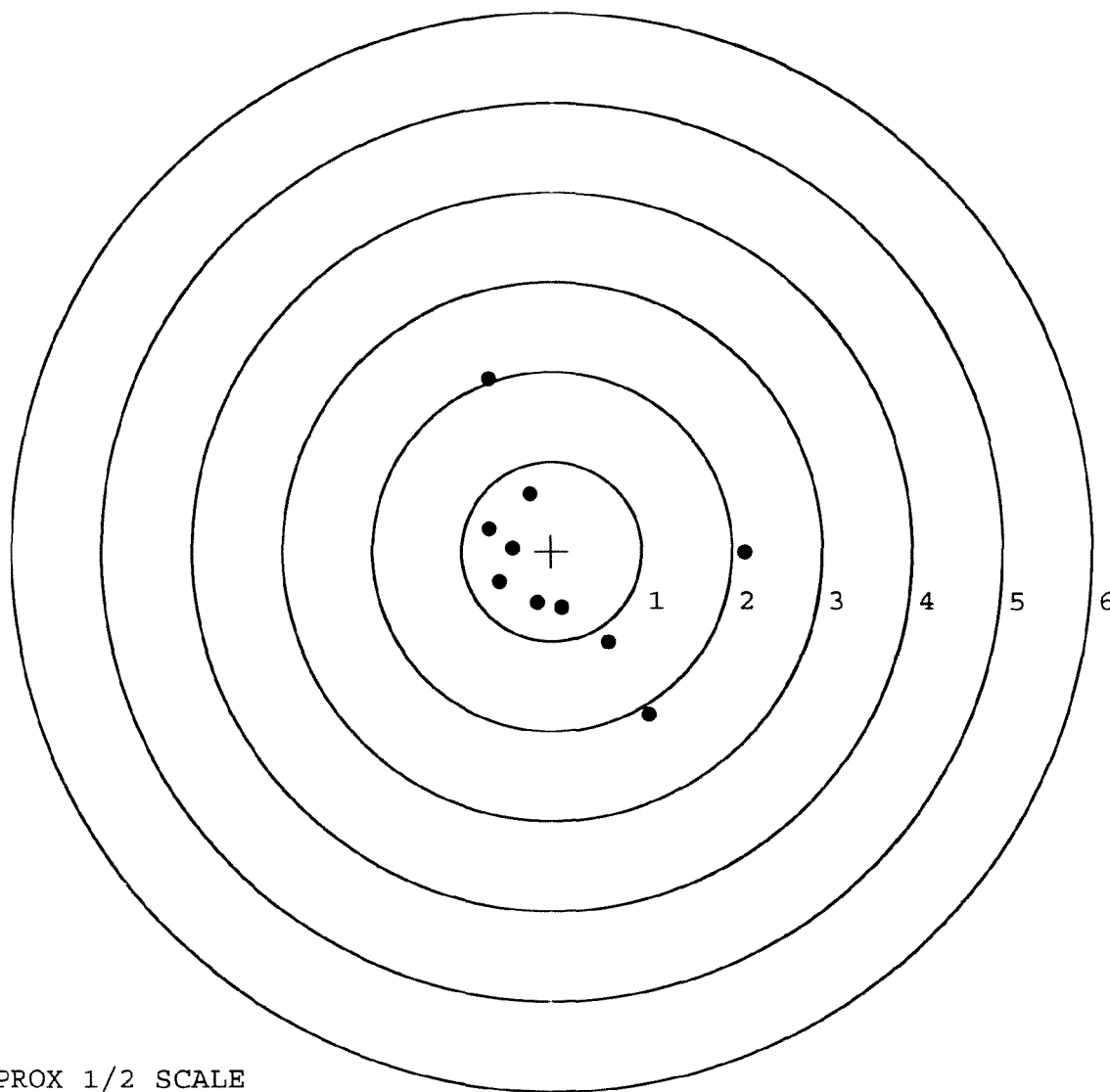
MAX RADIUS: 2.234

MEAN RADIUS: 1.126

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 7

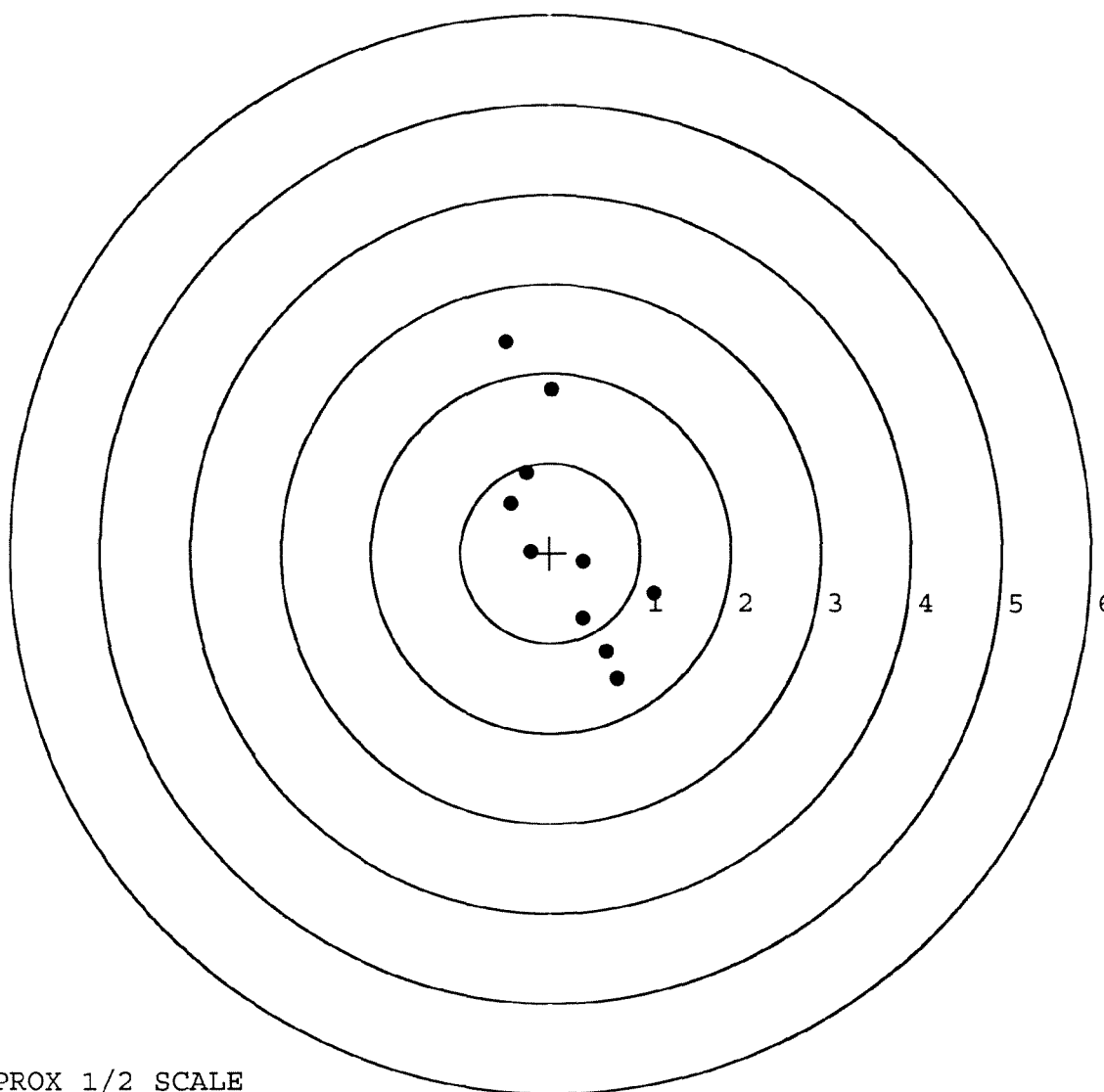


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413474. __0
TARGET NUMBER: 2
FILE DATE: 05/07/2008
FILE TIME: 04:35

X CENTROID: 0.188
Y CENTROID: 0.186
POA TO CENTROID: 0.264
HORZ SPREAD: 1.644
VERT SPREAD: 3.742
GROUP SPREAD: 3.943
MIN RADIUS: 0.333
MAX RADIUS: 2.267
MEAN RADIUS: 1.135
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 7

POINT#	X	Y
1:	1.152	-0.452
2:	0.751	-1.394
3:	0.631	-1.098
4:	0.365	-0.722
5:	0.368	-0.094
6:	-0.220	0.016
7:	-0.434	0.550
8:	-0.265	0.887
9:	0.026	1.816
10:	-0.492	2.348

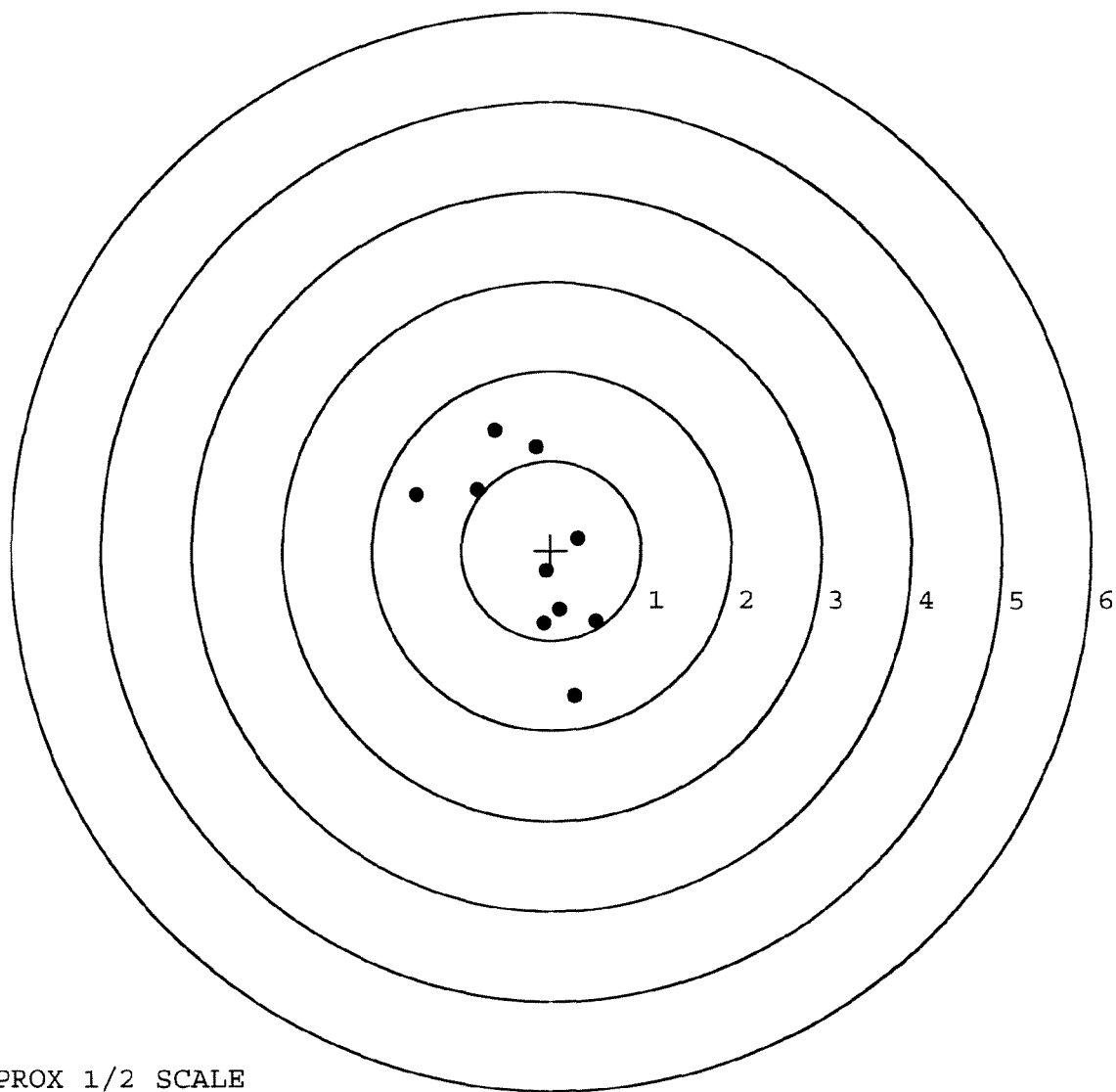


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413474. __0
TARGET NUMBER: 3
FILE DATE: 05/07/2008
FILE TIME: 04:35

POINT#	X	Y
1:	0.496	-0.791
2:	-0.084	-0.816
3:	0.094	-0.666
4:	-0.056	-0.227
5:	0.298	0.144
6:	-0.825	0.679
7:	-1.506	0.615
8:	-0.165	1.147
9:	-0.629	1.337
10:	0.263	-1.630

X CENTROID: -0.211
Y CENTROID: -0.021
POA TO CENTROID: 0.212
HORZ SPREAD: 2.002
VERT SPREAD: 2.967
GROUP SPREAD: 3.098
MIN RADIUS: 0.258
MAX RADIUS: 1.678
MEAN RADIUS: 1.000
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413474. __0

TARGET NUMBER: 4

FILE DATE: 05/07/2008

FILE TIME: 04:35

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

1:	0.319	-2.362
----	-------	--------

2:	0.070	-1.501
----	-------	--------

3:	0.535	-0.159
----	-------	--------

4:	0.280	0.221
----	-------	-------

5:	-0.070	0.269
----	--------	-------

6:	-0.298	0.240
----	--------	-------

7:	-0.509	0.449
----	--------	-------

8:	0.094	-0.305
----	-------	--------

9:	-0.205	-0.302
----	--------	--------

10:	-0.170	-0.518
-----	--------	--------

X CENTROID: 0.005

Y CENTROID: -0.397

POA TO CENTROID: 0.397

HORZ SPREAD: 1.044

VERT SPREAD: 2.811

GROUP SPREAD: 2.930

MIN RADIUS: 0.128

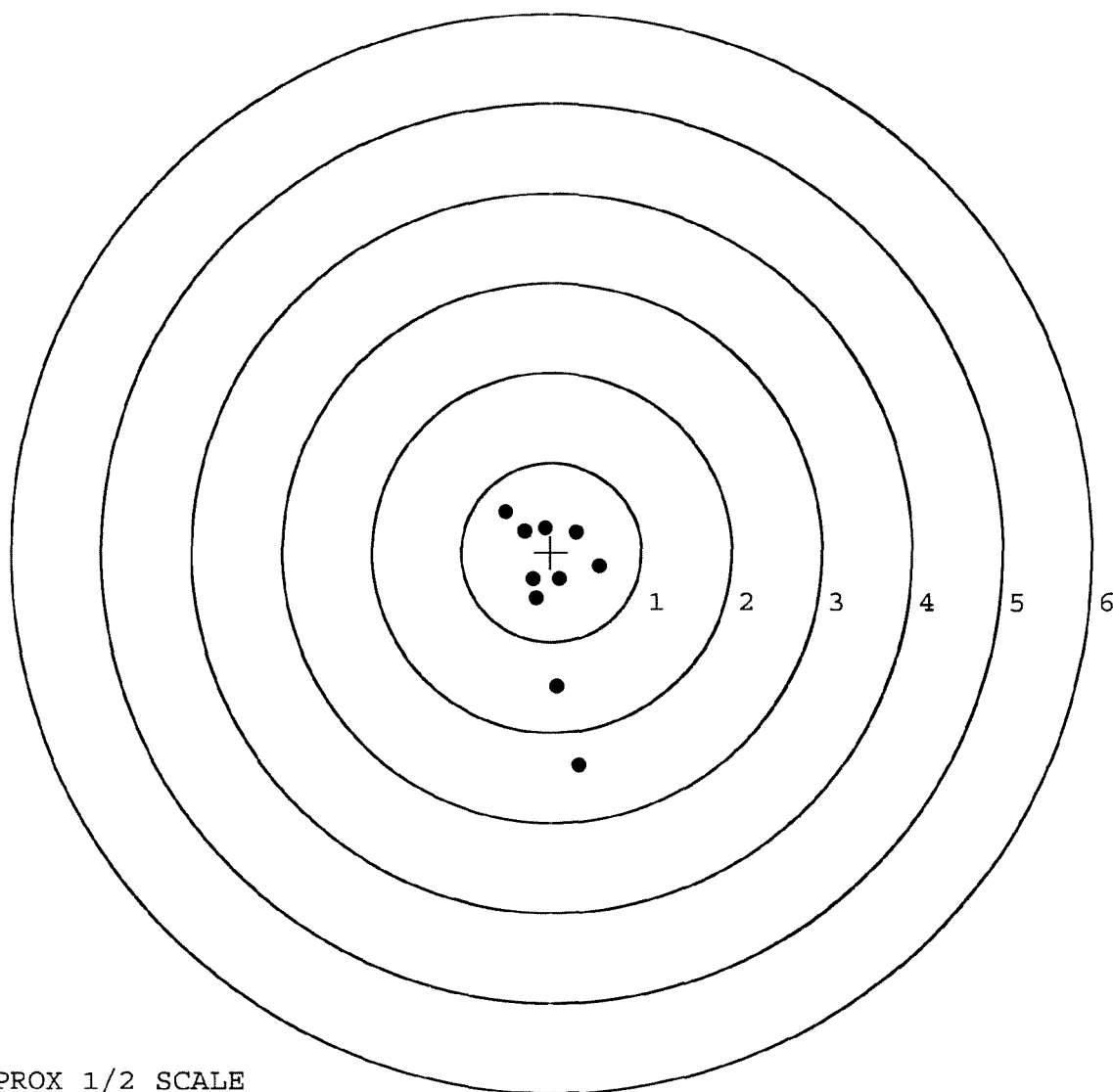
MAX RADIUS: 1.990

MEAN RADIUS: 0.729

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

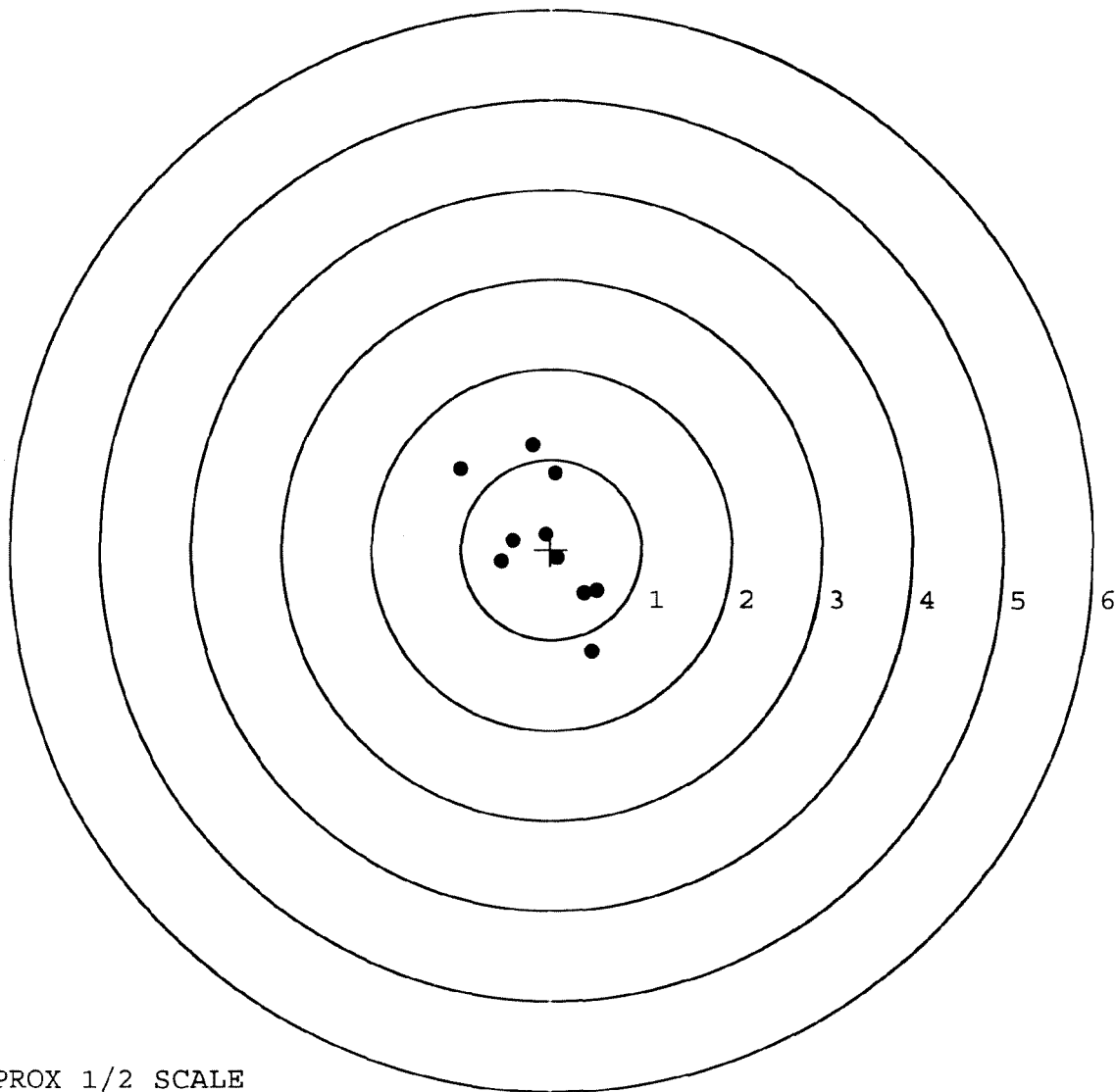


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413474. __0
TARGET NUMBER: 5
FILE DATE: 05/07/2008
FILE TIME: 04:35

POINT#	X	Y
1:	0.051	0.851
2:	-0.203	1.165
3:	-1.004	0.888
4:	-0.054	0.169
5:	0.078	-0.099
6:	-0.431	0.100
7:	-0.553	-0.134
8:	0.512	-0.454
9:	0.371	-0.484
10:	0.449	-1.133

X CENTROID: -0.078
Y CENTROID: 0.087
POA TO CENTROID: 0.117
HORZ SPREAD: 1.516
VERT SPREAD: 2.298
GROUP SPREAD: 2.489
MIN RADIUS: 0.086
MAX RADIUS: 1.329
MEAN RADIUS: 0.715
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

WAF NUMBER 144395
SERIAL NUMBER 126413474
LOG-IN DATE 4-14-08

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		4-17-08	RTZ
505	RE-BARREL		4-22-08	RTZ
560	ASSEMBLE		4-22-08	RTZ
600	PROOF	MAGNA-FLUX	4-22-08	TRW
605	CHECK HEADSPACE	APR 24 2008	4-22-08	TRW
610	DIS-ASSEMBLE GUN		4-22-08	RTZ
612	MAGNAFLUX	OPERATOR <u>Ward</u>	4/24/08	Ward
510	DRILL AND TAP		4-22-08	TRW
615	ROLLMARK CALIBER		4-23-08	CW
618	ROTO-BLAST		4-24-08	DG
620	APPLY COATINGS		4-28-08	WV
625	FINAL ASSEMBLY		5-7-08	RTZ
640	FUNCTION TEST AND	PASS FAIL	5-6-08	RTZ
650	TARGET	PASS FAIL	5-6-08	RTZ
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	N/A	
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	5-6-08	RP
670	FINAL INSPECTION A) HEADSPACE	PASS FAIL	5-7-08	RTZ
	B) TRIGGER PULL	2.41 2.24 2.19 2.32 2.74	5/7/08	Fin
680	F) SAFETY ON FORCE	8° 8° 8°	5-7-08	RTZ
	G) SAFETY OFF FORCE	3° 3° 3°	5-7-08	RTZ
	I) FIRING PIN INDENT	021 021 021	5-7-08	RTZ
690	PACK		5/8/08	Fin

Repair Inquiry

Repair Number: **RE00061099**Serial: C6522141 Model 700 Center Fire Caliber:
7.62 NATO M-24 (SWS)

Repairman:

Verify Repair

Status:

Closed 2/5/2003 7:31:35 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received FromName: **CO C SUPPORT BATTALION****CO C SUPPORT BATTALION**Address 1: **I ST SWTG (A)****I ST SWTG (A)**Address 2: **ATTN ARMAMENT FAC**

PO Box:

ATTN ARMAMENT FAC

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

Poor

Condition

Notes:

CSR

Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	1
A017	Scope Base	1
A026	Scope	1
X	FRT & REAR SGT BA	1

Repair Search

Refresh

Close

nagletj

2/6/2003

8:06 AM

CAPS

NUM

INS

SCL

start

Inbox - Micro...

Calendar - Micro...

Shot Show? - M...

Arms Services R...

E:05 AM

Serial
Number:**C6522141**Model: **700****RE00061099**

New# E6413469

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: E6413469.___0
FILE DATE AND TIME: 03/07/2003 15:04

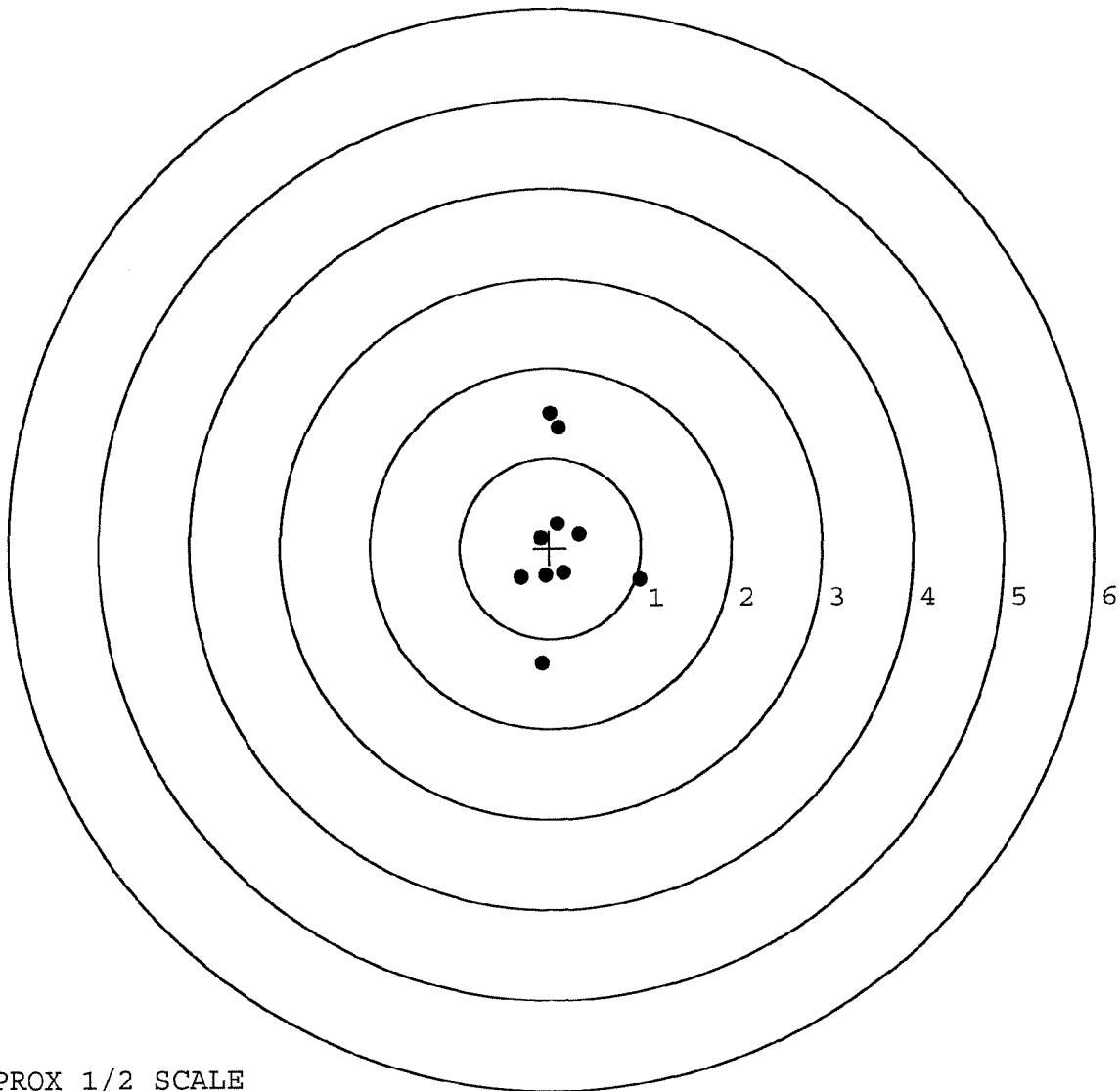
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.052
The Average Y Centroid of the Five Target Set:	0.063
The Average Point of Impact of the Five Target Set:	0.081
The Average Mean Radius of the Five Target Set:	0.727
The Distance from POA to Centroid Target #1:	0.136
The Distance from Centroid Target #2 to Centroid Target #1:	0.167
The Distance from Centroid Target #3 to Centroid Target #1:	0.347
The Distance from Centroid Target #4 to Centroid Target #1:	0.291
The Distance from Centroid Target #5 to Centroid Target #1:	0.202

SERIAL NUMBER: E6413469. __0
TARGET NUMBER: 1
FILE DATE: 03/07/2003
FILE TIME: 15:04

X CENTROID: 0.107
Y CENTROID: 0.083
POA TO CENTROID: 0.136
HORZ SPREAD: 1.314
VERT SPREAD: 2.778
GROUP SPREAD: 2.780
MIN RADIUS: 0.187
MAX RADIUS: 1.418
MEAN RADIUS: 0.702
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.991	-0.351
2:	-0.091	-1.281
3:	-0.323	-0.326
4:	0.148	-0.277
5:	-0.049	-0.300
6:	-0.104	0.111
7:	0.086	0.269
8:	0.316	0.155
9:	0.097	1.335
10:	0.004	1.497

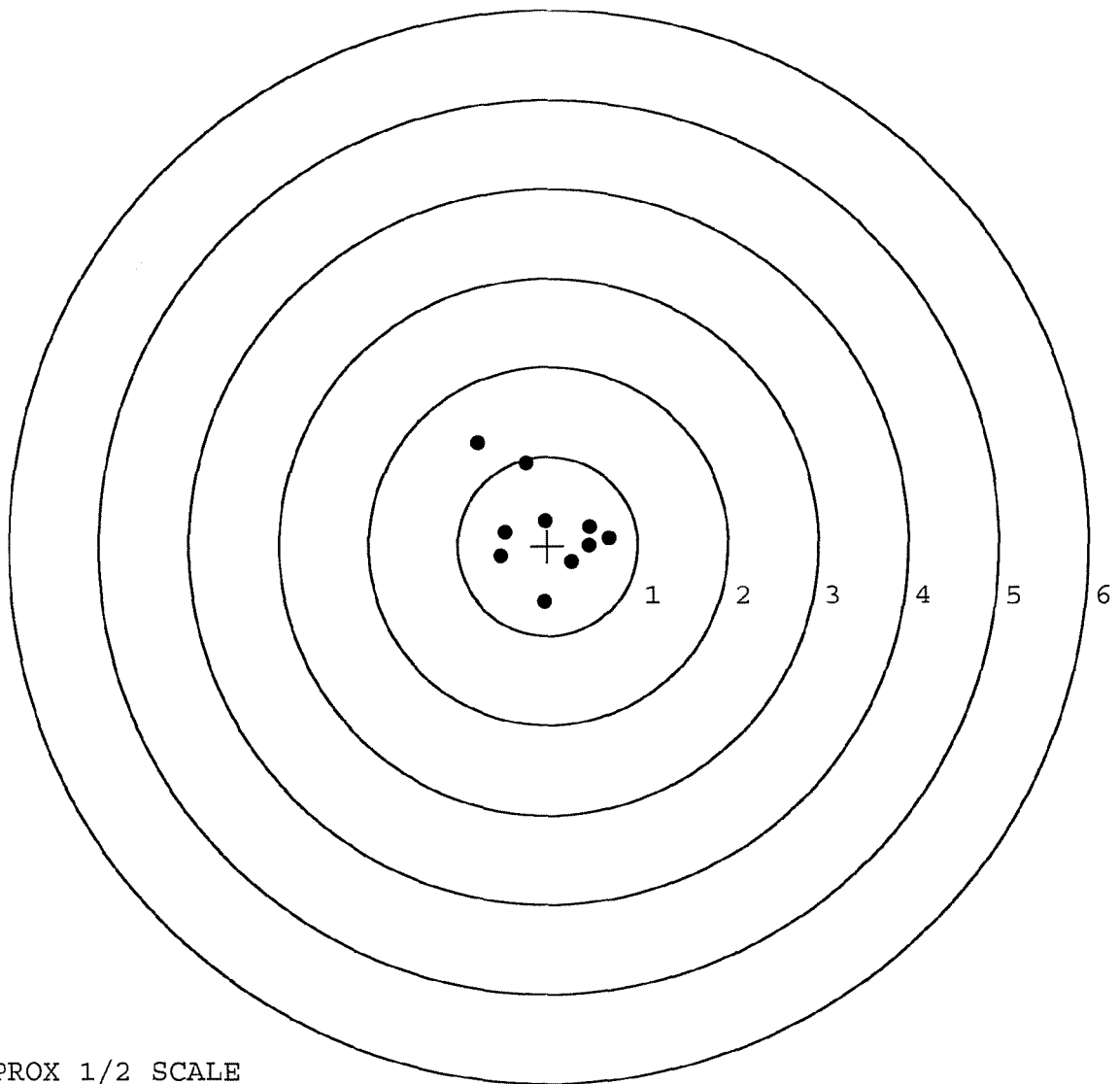


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413469. __0
TARGET NUMBER: 2
FILE DATE: 03/07/2003
FILE TIME: 15:04

POINT#	X	Y
1:	-0.783	1.145
2:	-0.250	0.926
3:	-0.028	0.283
4:	-0.477	0.149
5:	-0.525	-0.121
6:	-0.036	-0.630
7:	0.267	-0.181
8:	0.676	0.087
9:	0.461	0.213
10:	0.461	0.004

X CENTROID: -0.023
Y CENTROID: 0.188
POA TO CENTROID: 0.189
HORZ SPREAD: 1.459
VERT SPREAD: 1.775
GROUP SPREAD: 1.926
MIN RADIUS: 0.096
MAX RADIUS: 1.222
MEAN RADIUS: 0.613
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

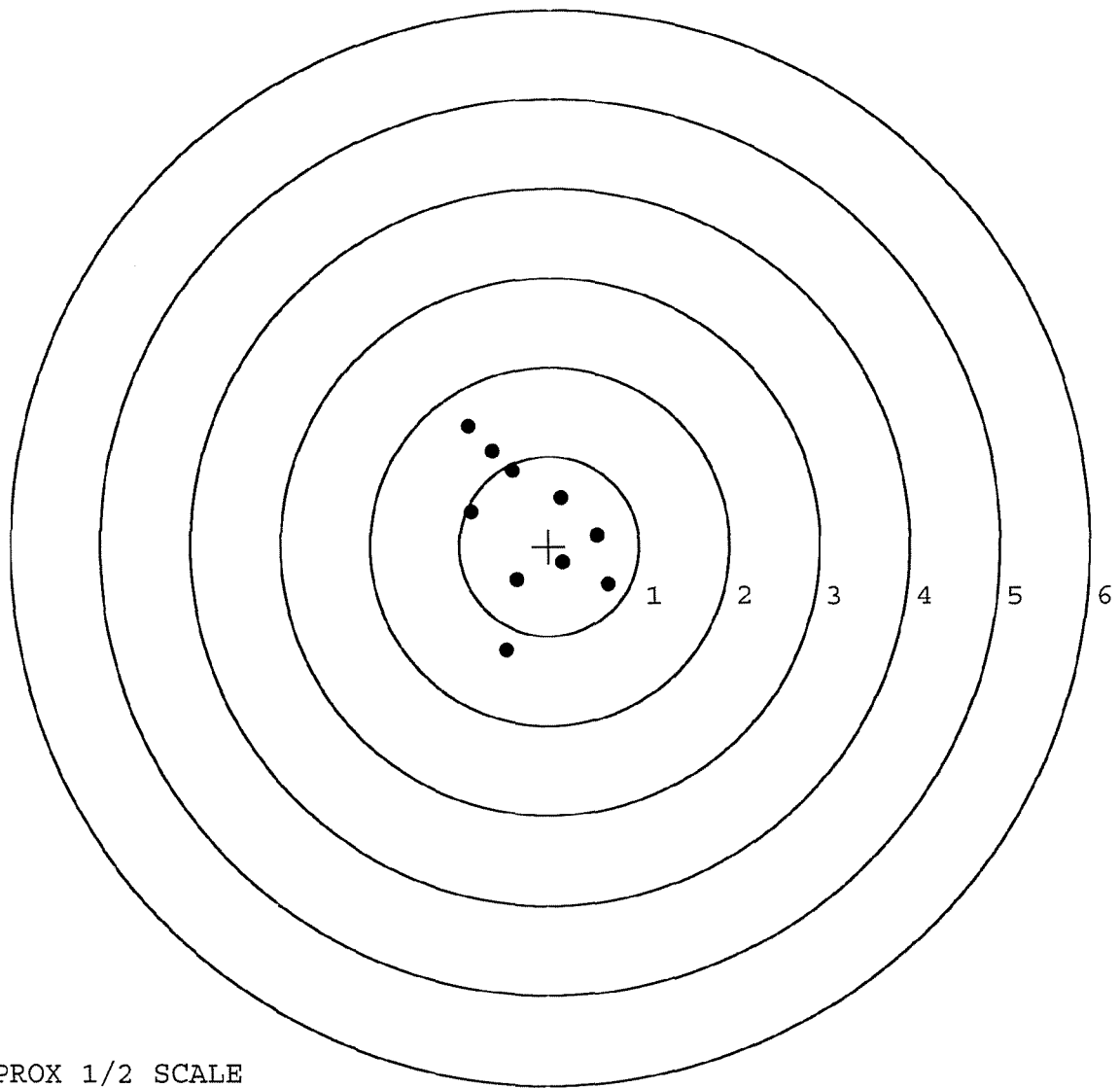


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413469. __0
TARGET NUMBER: 3
FILE DATE: 03/07/2003
FILE TIME: 15:04

POINT#	X	Y
1:	-0.471	-1.169
2:	-0.355	-0.375
3:	0.156	-0.185
4:	0.538	0.125
5:	0.659	-0.423
6:	0.138	0.539
7:	-0.869	0.376
8:	-0.412	0.835
9:	-0.638	1.050
10:	-0.902	1.332

X CENTROID: -0.216
Y CENTROID: 0.210
POA TO CENTROID: 0.301
HORZ SPREAD: 1.561
VERT SPREAD: 2.501
GROUP SPREAD: 2.538
MIN RADIUS: 0.483
MAX RADIUS: 1.403
MEAN RADIUS: 0.845
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413469. 0

TARGET NUMBER: 4

FILE DATE: 03/07/2003

FILE TIME: 15:04

POINT#	X	Y
1:	1.119	-0.325
2:	0.807	-0.314
3:	0.268	-1.146
4:	-0.619	-0.639
5:	-0.170	-0.545
6:	-0.110	-0.068
7:	0.474	0.392
8:	-0.460	0.386
9:	-0.842	0.209
10:	-1.047	0.489

X CENTROID: -0.058

Y CENTROID: -0.156

POA TO CENTROID: 0.167

HORZ SPREAD: 2.166

VERT SPREAD: 1.635

GROUP SPREAD: 2.314

MIN RADIUS: 0.102

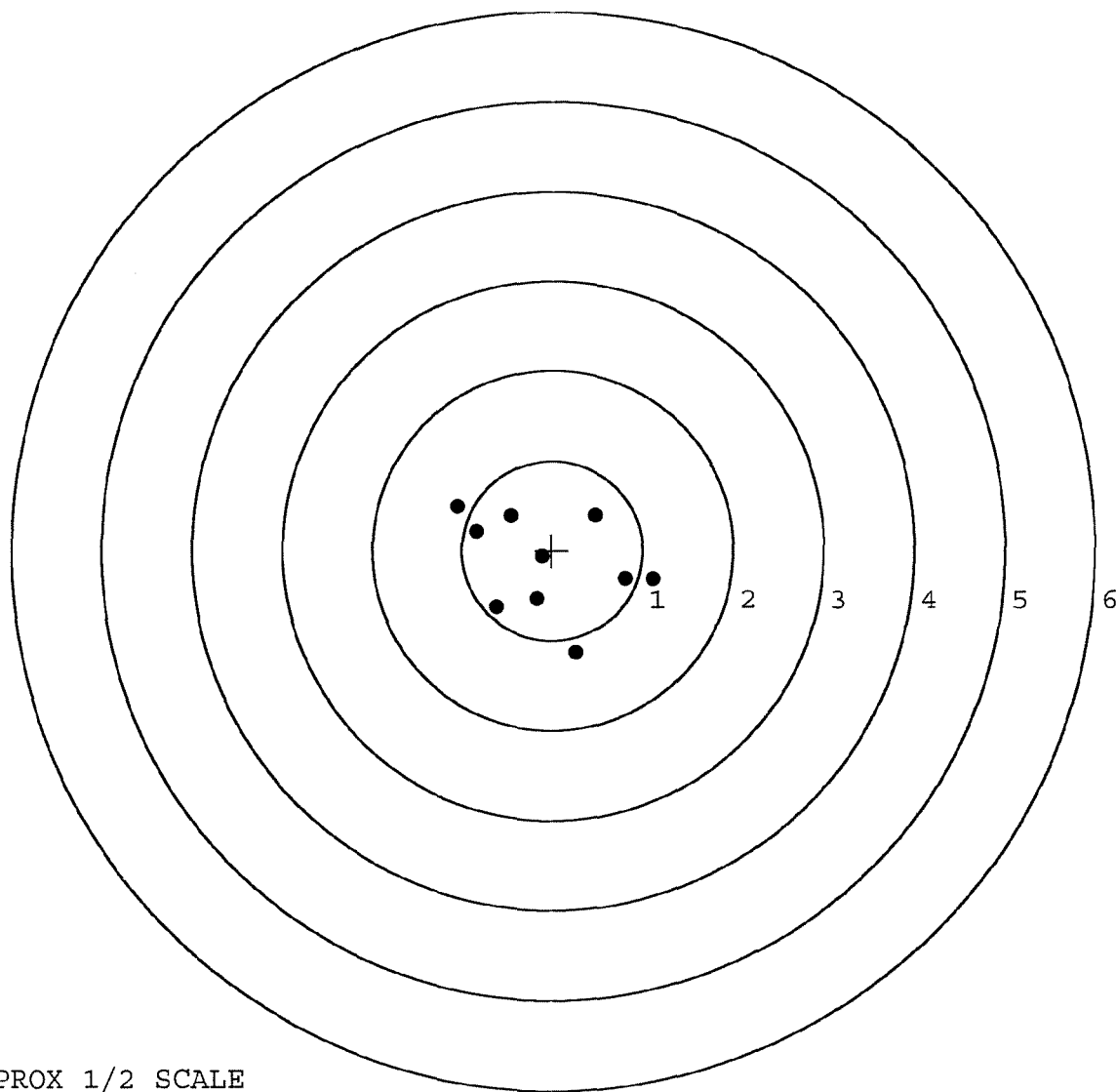
MAX RADIUS: 1.189

MEAN RADIUS: 0.784

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413469. __0

TARGET NUMBER: 5

FILE DATE: 03/07/2003

FILE TIME: 15:04

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

1:	0.674	0.223
----	-------	-------

2:	0.424	-0.279
----	-------	--------

3:	0.232	-0.238
----	-------	--------

4:	-0.005	-0.964
----	--------	--------

5:	-0.740	-0.883
----	--------	--------

6:	-0.339	-0.141
----	--------	--------

7:	-0.385	0.221
----	--------	-------

8:	0.133	0.304
----	-------	-------

9:	0.249	0.678
----	-------	-------

10:	-0.948	0.964
-----	--------	-------

X CENTROID: -0.070

Y CENTROID: -0.012

POA TO CENTROID: 0.071

HORZ SPREAD: 1.622

VERT SPREAD: 1.928

GROUP SPREAD: 2.146

MIN RADIUS: 0.298

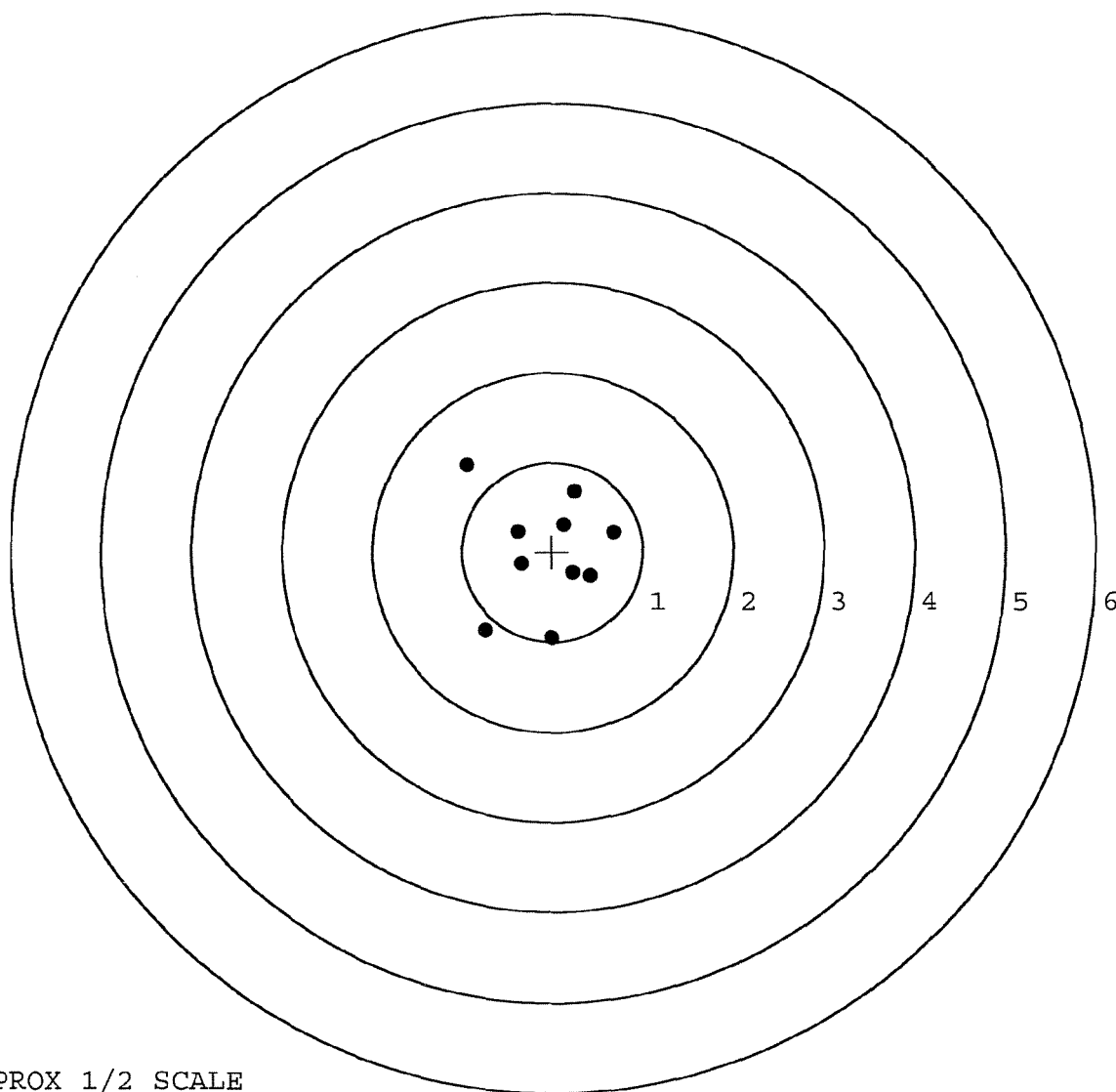
MAX RADIUS: 1.312

MEAN RADIUS: 0.691

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

SERIAL # E6413469 (New) INSPECTED BY: RTL

DATE REC'D: 2-5-03 DATE RET'D: 3-10-03

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:

INITIAL
2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

DATE 3-5-03

TESTER TRW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.65	2.43		2.66	MIN. SETTING,
PULL #2	2.54	2.74		2.31	NO AVG. OF 5
PULL #3	2.61	2.63		2.77	READINGS ACCEPT-
PULL #4	2.60	2.68		2.43	ABLE LESS THAN 2
PULL #5	2.66	2.72		2.71	
TOTAL	13.06	13.20		12.88	
AVG.	2.61	2.64		2.57	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.22	3.26		
PULL #2	3.47	3.11		
PULL #3	3.22	3.21		
PULL #4	3.42	3.37		
PULL #5	3.35	3.18		
TOTAL	16.68	16.13		
AVG.	3.33	3.22		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# .80 TARGET & ACCUR.
PULL #1	4.38	4.13		4.06
PULL #2	4.36	4.24		4.03
PULL #3	4.13	4.04		4.15
PULL #4	4.05	4.15		4.16
PULL #5	4.04	3.94		4.32
TOTAL	20.96	20.50		20.72
AVG.	4.19	4.10		4.14

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

R & E NUMBER	61099		
SERIAL NUMBER	C6522141 - E6413469		
LOG-IN DATE	2/5/03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2/7/03	RW
560 A	RE-BARREL		
B	DRILL AND TAP	2-20-03	TRW
575	ASSEMBLE	2-13-03	RTL
600	PROOF	2-13-03	AC
605	CHECK HEADSPACE	2-13-03	RTL
610	DIS-ASSEMBLE GUN	2-14-03	RTL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	2/19/03	B
618	ROTO-BLAST	2-26-03	RTA
620	APPLY COATINGS	3-3	RTA
625 A	FINAL ASSEMBLY	3-5-03	RW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	3-6-03	TRW
655	FINAL INSPECT	3-10-03	RTL
660	PACK	3-10-03	RTA
		SHIP DATE	
	QAR INSPECTION DATE		