

G6534978

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: **RE00138057**

Serial: G6534978 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 03/06/2006

Repairman:

Status: Closed 12/6/2007 8:54:53 AM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: **COMMANDER**

COMMANDER

Address 1: **JHC, 1-21 INFANTRY BATTALION**

JHC, 1-21 INFANTRY BATTALION

Address 2: PO Box:

PO Box:

City: **SCHOFIELD BARRACKS**

SCHOFIELD BARRACKS

State: **HI**

Zip Code: **96857**

Country: **US**

State: **HI**

Zip Code: **96857**

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
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

12/7/2007

10:49 AM

CAPS

NUM

INS

SCRL

start

6 Mi...

4 Mi...

5 Int...

Arms ...

Part S...

DCSI ...

10:49 AM

Serial: **G6534978**
Model: **M24 SWS**

RE00138057

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6534978.__0
FILE DATE AND TIME: 02/05/2008 07:22

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.042
The Average Y Centroid of the Five Target Set:	0.021
The Average Point of Impact of the Five Target Set:	0.047
The Average Mean Radius of the Five Target Set:	0.821
The Distance from POA to Centroid Target #1:	0.114
The Distance from Centroid Target #2 to Centroid Target #1:	0.659
The Distance from Centroid Target #3 to Centroid Target #1:	0.156
The Distance from Centroid Target #4 to Centroid Target #1:	0.116
The Distance from Centroid Target #5 to Centroid Target #1:	0.093

SERIAL NUMBER: G6534978. 0

TARGET NUMBER: 1

FILE DATE: 02/05/2008

FILE TIME: 07:22

X CENTROID: -0.035

Y CENTROID: -0.109

POA TO CENTROID: 0.114

HORZ SPREAD: 2.901

VERT SPREAD: 1.297

GROUP SPREAD: 3.028

MIN RADIUS: 0.184

MAX RADIUS: 1.547

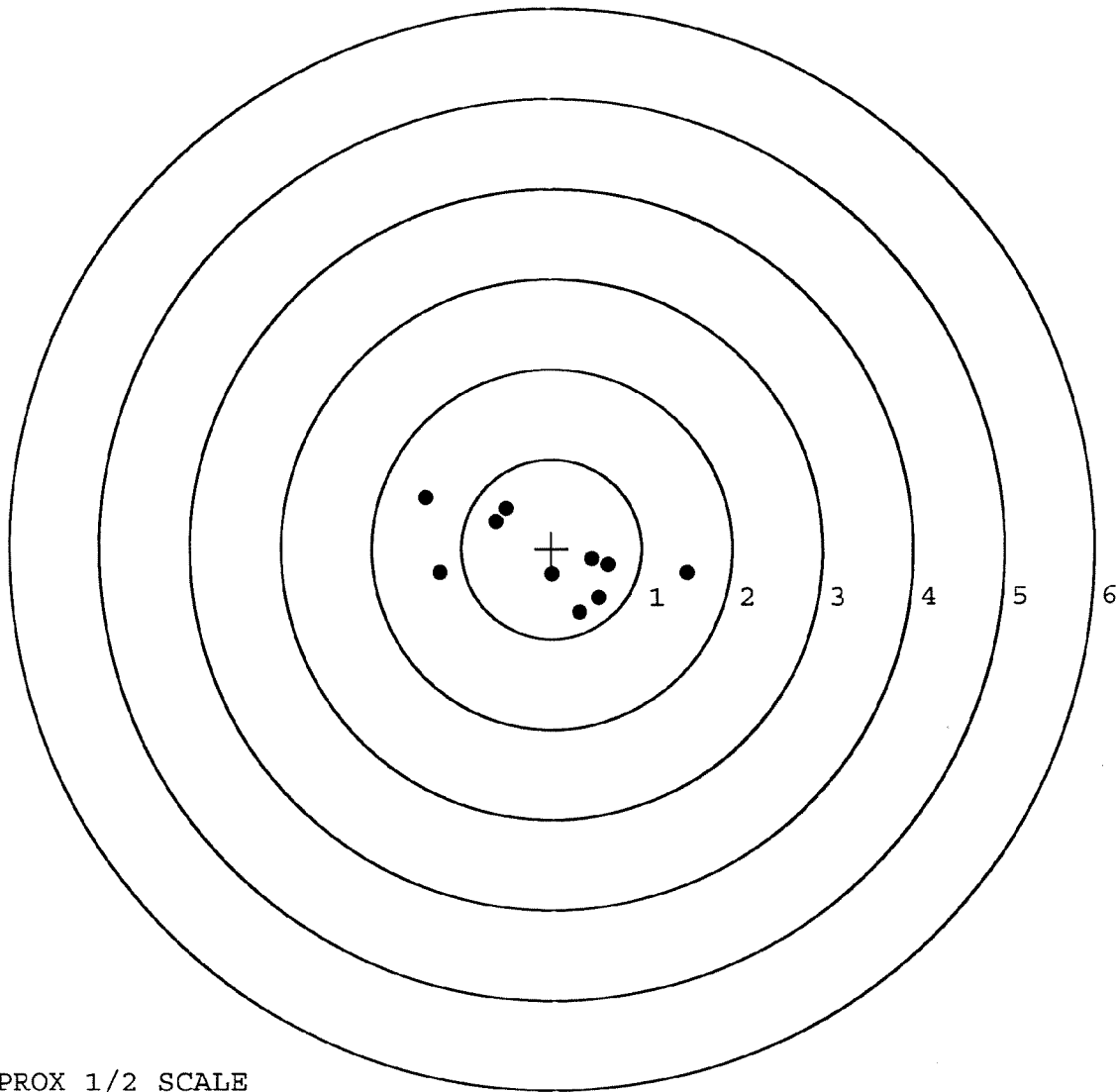
MEAN RADIUS: 0.850

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.502	-0.286
2:	0.631	-0.189
3:	0.450	-0.126
4:	0.522	-0.558
5:	0.307	-0.715
6:	0.004	-0.289
7:	-0.617	0.305
8:	-0.505	0.453
9:	-1.399	0.582
10:	-1.246	-0.265



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6534978. 0

TARGET NUMBER: 2

FILE DATE: 02/05/2008

FILE TIME: 07:22

POINT#	X	Y
1:	1.334	2.384
2:	0.205	1.603
3:	0.080	1.321
4:	0.478	-0.087
5:	0.318	-0.049
6:	-0.267	0.308
7:	-0.126	-0.276
8:	-0.154	-0.011
9:	0.042	-0.004
10:	0.097	-0.119

X CENTROID: 0.201

Y CENTROID: 0.507

POA TO CENTROID: 0.545

HORZ SPREAD: 1.601

VERT SPREAD: 2.660

GROUP SPREAD: 3.034

MIN RADIUS: 0.508

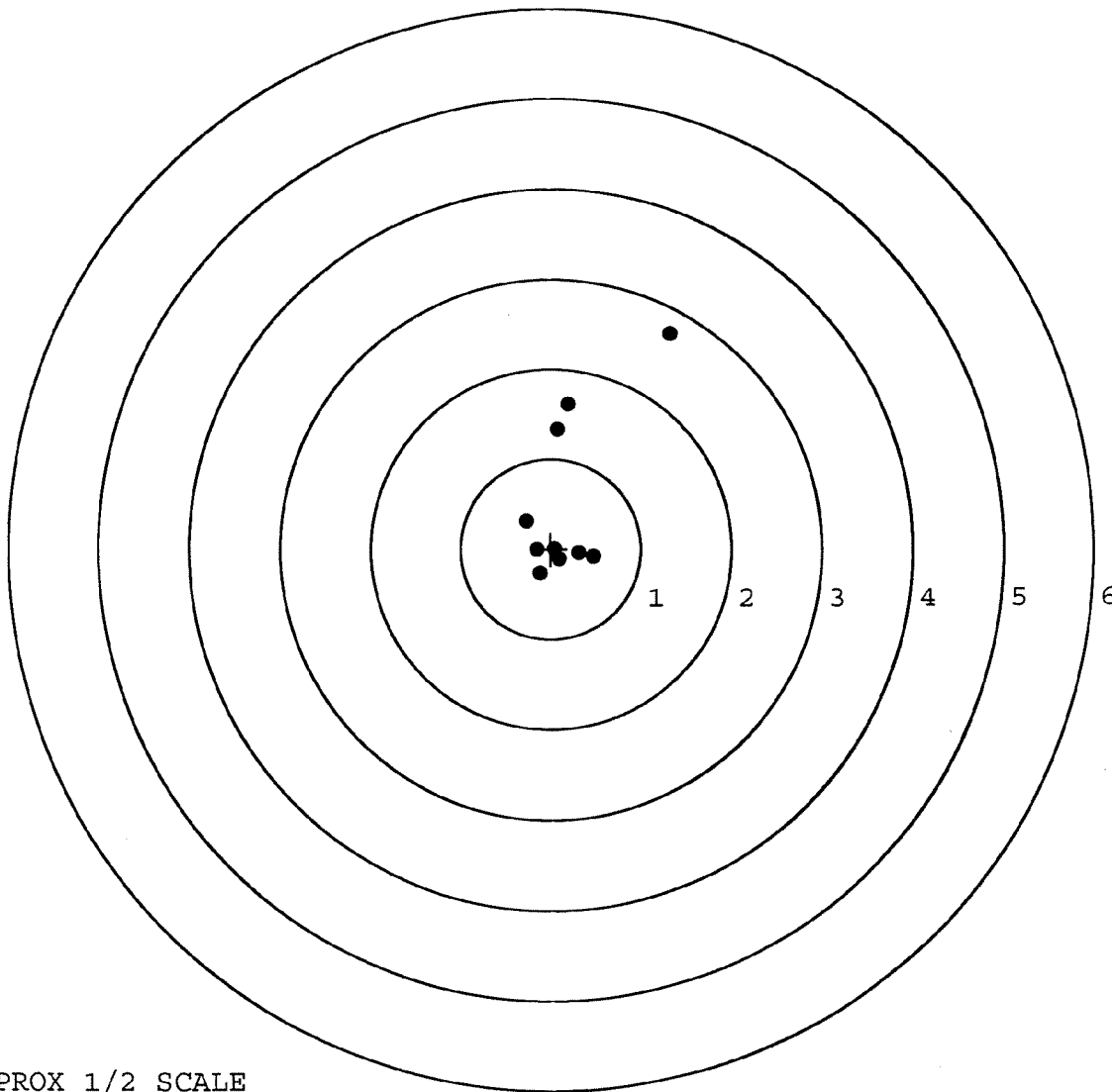
MAX RADIUS: 2.193

MEAN RADIUS: 0.849

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6534978. __ 0

TARGET NUMBER: 3

FILE DATE: 02/05/2008

FILE TIME: 07:22

X CENTROID: 0.039

Y CENTROID: -0.246

POA TO CENTROID: 0.249

HORZ SPREAD: 1.602

VERT SPREAD: 2.825

GROUP SPREAD: 3.121

MIN RADIUS: 0.410

MAX RADIUS: 1.614

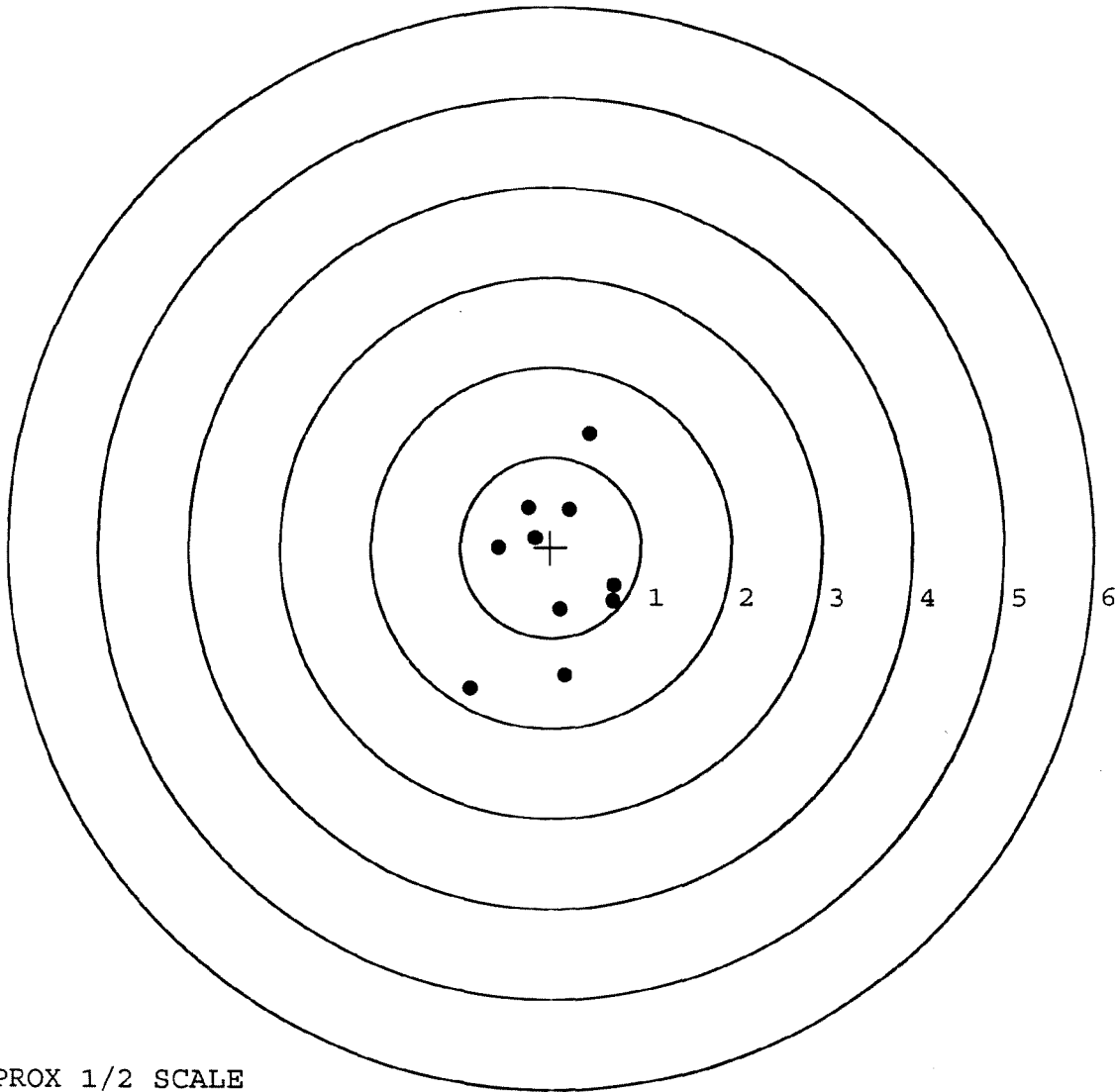
MEAN RADIUS: 0.871

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.690	-0.594
2:	0.703	-0.421
3:	0.157	-1.416
4:	0.106	-0.687
5:	-0.899	-1.560
6:	-0.574	0.002
7:	-0.177	0.103
8:	-0.252	0.434
9:	0.209	0.414
10:	0.427	1.265



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6534978. __0

TARGET NUMBER: 4

FILE DATE: 02/05/2008

FILE TIME: 07:22

POINT#	X	Y
1:	1.101	-0.035
2:	0.250	0.246
3:	0.474	0.868
4:	1.037	0.910
5:	0.134	-0.323
6:	0.077	-0.622
7:	-0.253	-0.615
8:	-0.383	-0.188
9:	-0.646	-0.129
10:	-1.276	-0.435

X CENTROID: 0.051

Y CENTROID: -0.032

POA TO CENTROID: 0.061

HORZ SPREAD: 2.377

VERT SPREAD: 1.532

GROUP SPREAD: 2.676

MIN RADIUS: 0.302

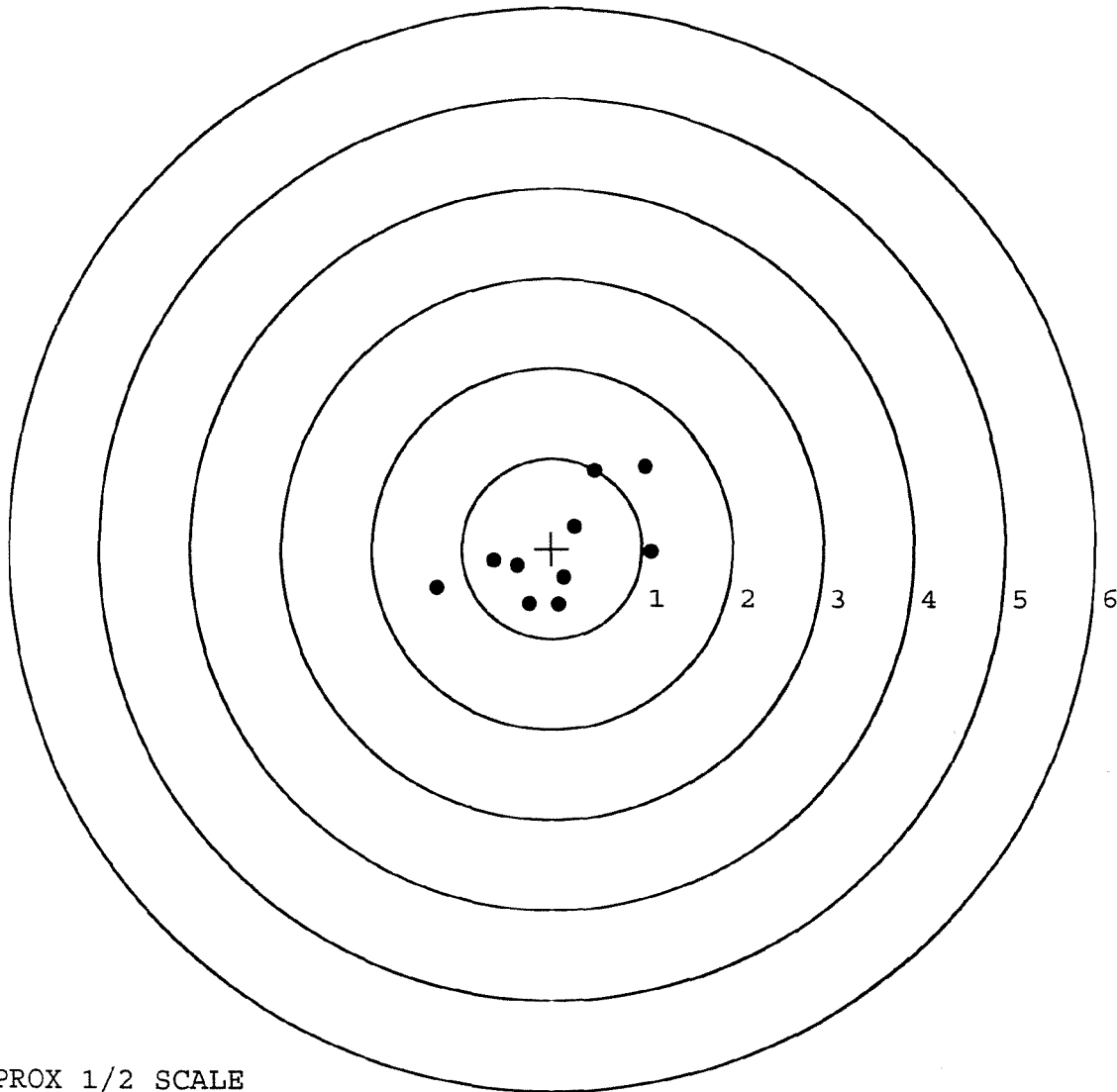
MAX RADIUS: 1.387

MEAN RADIUS: 0.785

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6534978. __0

TARGET NUMBER: 5

FILE DATE: 02/05/2008

FILE TIME: 07:22

POINT#	X	Y
1:	0.621	-0.913
2:	0.718	-0.427
3:	0.385	0.157
4:	0.520	0.360
5:	0.496	0.657
6:	-0.341	0.269
7:	-0.482	-0.075
8:	-0.436	-0.529
9:	-1.306	-0.120
10:	-0.619	0.456

X CENTROID: -0.044

Y CENTROID: -0.016

POA TO CENTROID: 0.047

HORZ SPREAD: 2.024

VERT SPREAD: 1.570

GROUP SPREAD: 2.084

MIN RADIUS: 0.412

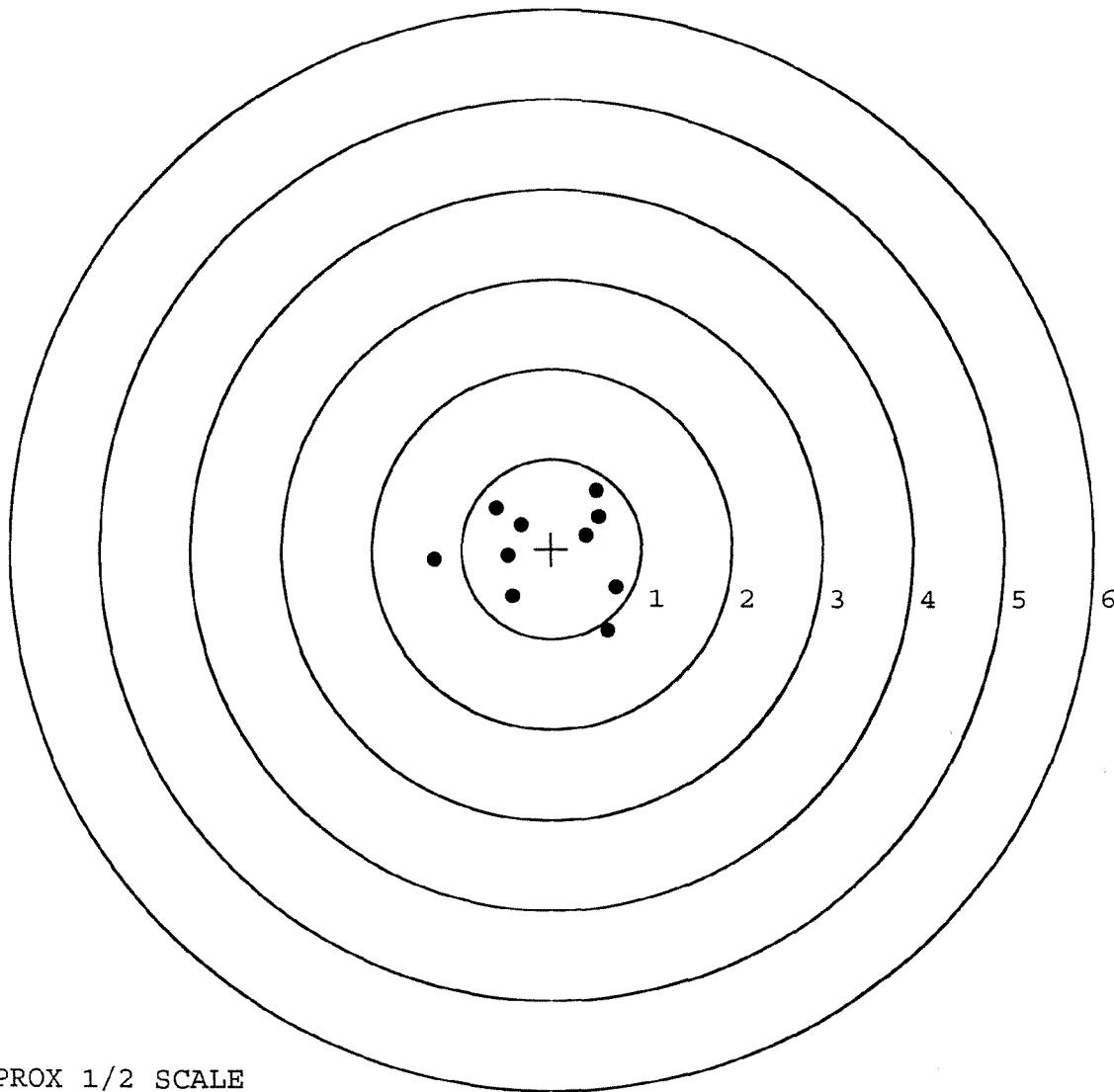
MAX RADIUS: 1.266

MEAN RADIUS: 0.750

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER

13857

SERIAL NUMBER

G6504978

LOG-IN DATE

12-6-07

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	1-15-08	RTZ
505	RE-BARREL	1-22-08	RTZ
560	ASSEMBLE	1-22-08	RTZ
600	PROOF	1-23-08	TRW
605	CHECK HEADSPACE	1-23-08	TRW
610	DIS-ASSEMBLE GUN	1-23-08	RTZ
612	MAGNAFLUX	1-23-08	JB
510	DRILL AND TAP	1-23-08	TRW
615	ROLLMARK CALIBER	1-23-08	CW
618	ROTO-BLAST	1-23-08	Hy
620	APPLY COATINGS	1-29-08	CW
625	FINAL ASSEMBLY	1-31-08	RTZ
640	FUNCTION TEST AND	2-1-08	TRW
650	TARGET	2-1-08	TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	2-1-08	RP
	A) HEADSPACE	PASS	FAIL
	B) TRIGGER PULL	2.26 2.37 2.20 2.34 2.59 2.408	DA
680	F) SAFETY ON FORCE	50 55 50 2.48	DA
	G) SAFETY OFF FORCE	20 2.5 25 2.48	DA
	I) FIRING PIN INDENT	.025 .025 .024 2.48	DA
690	PACK	1-3-12-08	DA

ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
UPC



ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
UPC



SERIAL NO.



M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

- INSTRUCTION BOOK 3518

DD FORM

proof of purchase



owner registration sticker



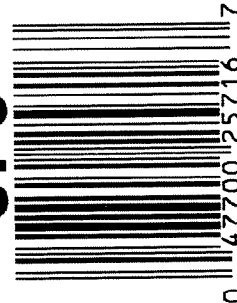
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6534978

UPC



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G 6534978

OP #	OPERATION NAME	READINGS	DATE	INITIAL
420 & 430	ASSEMBLE ACTION ASSEMBLE TO STOCK		11/3/05	CD
440	PROOF		11/3/05	CD
460	CHECK HEADSPACE	MAGNAFLUX	11/3/05	CD
470	DIS-ASSEMBLE ACTION		11/3/05	CD
480 & 490	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	H80 FOR GPD	1/9/06	GPD
500	ROLLMARK CALIBER		1/9/06	CW
510	DRILL AND TAP SIGHT HOLES		1-6-06	TRW
520	GOFF BLAST BBL / REC		1-9-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)		1/10	HP
	(BOLT)			
560	RE-ASSEMBLE ACTION A) CLEAN INSIDE OF BOLT ASSEMBLY		1-16-06	Ac
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		1-16-06	Ac
	C) INSPECT EJECTOR HOLE FOR CHAMFER		1-16-06	Ac
	D) OIL FIRING PIN ASSEMBLY		2/16/06	MJD
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		2/16/06	MJD

REV-8405

OP # OPERATION NAME		READINGS			DATE	INITIAL			
560	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	<u>5.0</u>	<u>5.0</u>	<u>5.0</u>	1-28-06	DA		
CONT.									
	G) SAFETY OFF FORCE	2 LBS MIN	<u>2.0</u>	<u>2.0</u>	<u>2.0</u>	1-28-06	DA		
	H) TRIGGER PULL TEST AND RETAINABILITY					2/16/06	MJD		
	I) FIRING PIN INDENT	.020 MIN	<u>.024</u>	<u>.024</u>	<u>.024</u>	2/16/06	MJD		
	J) ASSEMBLE STOCK					1-17-06	BG		
	K) ASSEMBLE SWIVEL STUDS					2-16-06	MTM		
	L) ATTACH FRONT AND REAR SIGHT ASSY'S					1-17-06	BG		
	M) IRON SIGHT ALIGNMENT					1-17-06	BG		
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER					1-17-06	BG		
640 & 650	FUNCTION TEST AND TARGET		<u>PASS</u>	FAIL		1/17/06	MJD		
			<u>PASS</u>	FAIL					
	MALFUNCTION ^{Bolt drops on} receiver		CORRECTION	OK		1-24-06	TRL		
	MALFUNCTION		CORRECTION						
	MALFUNCTION		CORRECTION						
	MALFUNCTION		CORRECTION						
660	INSPECT FOR LIVE AMMO					1-17-06	MTM		
670	FINAL INSPECTION A) HEADSPACE					2/16/06	MJD		
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.61</u>	<u>2.59</u>	<u>2.60</u>	<u>2.69</u>	<u>2.72</u>	1-25-06	TRL
	C) FUNCTION					2/16/06	MJD		
690	PACK					3-6-06	DA		

BARBER - M24 0089017
**AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS**

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)

DATE 1-16-06

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.53	2.58		2.36	
PULL #2	2.35	2.67		2.50	
PULL #3	2.52	2.63		2.51	
PULL #4	2.49	2.62		2.52	
PULL #5	2.45	2.55		2.50	
TOTAL	12.34	13.05		12.39	
AVERAGE	2.46	2.61		2.47	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.37	3.26		
PULL #2	3.20	3.12		
PULL #3	3.13	3.16		
PULL #4	3.09	3.12		
PULL #5	3.11	3.15		
TOTAL	15.90	15.81		
AVERAGE	3.18	3.16		

	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	4.18	4.12		3.98
PULL #2	4.16	4.07		4.03
PULL #3	4.11	3.90		4.04
PULL #4	4.10	4.13		4.04
PULL #5	4.05	4.05		4.01
TOTAL	20.60	20.27		20.10
AVERAGE	4.12	4.05		4.02

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6534978.___0
FILE DATE AND TIME: 01/17/2006 22:43

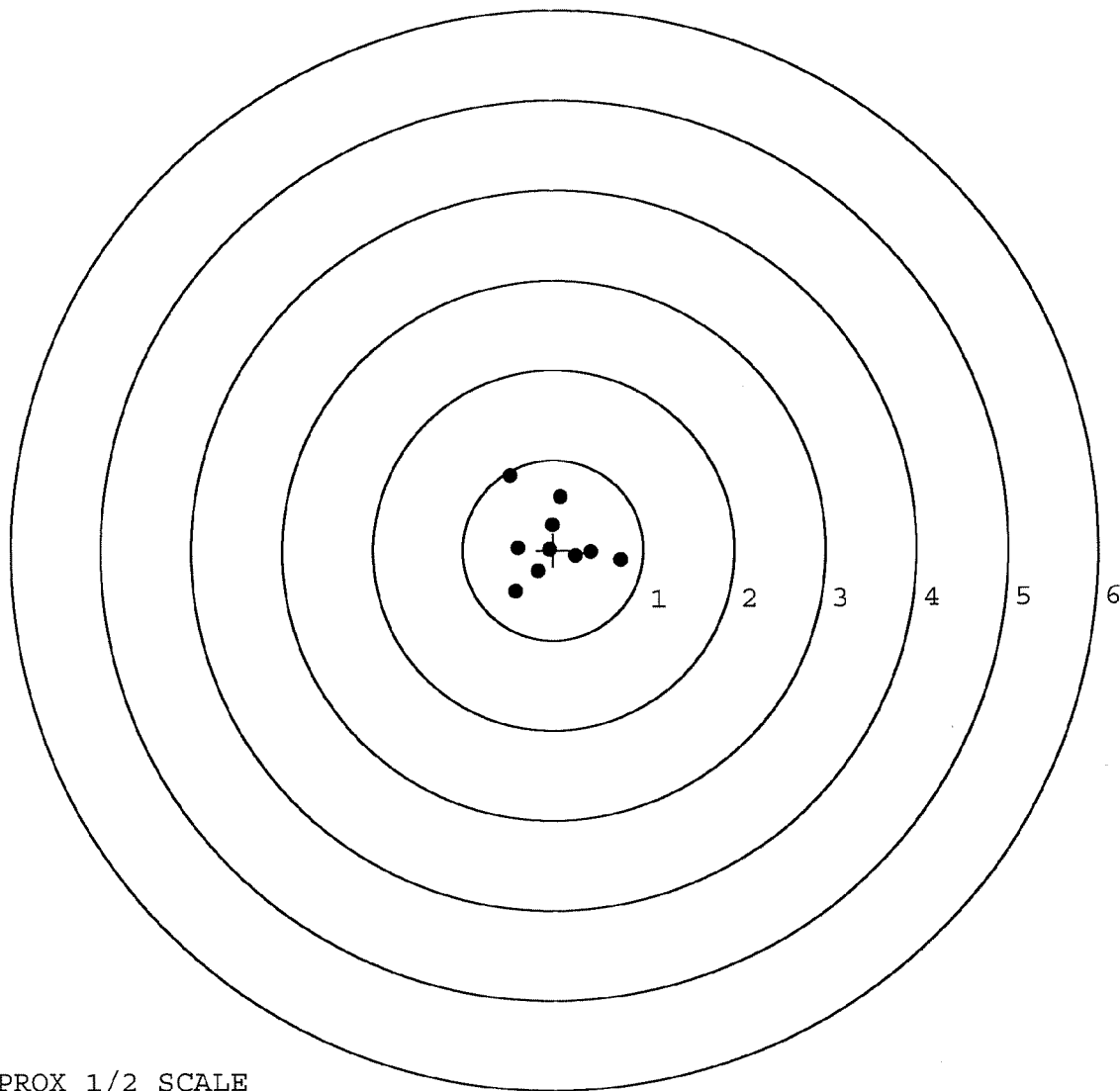
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.160
The Average Y Centroid of the Five Target Set:	0.100
The Average Point of Impact of the Five Target Set:	0.189
The Average Mean Radius of the Five Target Set:	0.647
The Distance from POA to Centroid Target #1:	0.079
The Distance from Centroid Target #2 to Centroid Target #1:	0.242
The Distance from Centroid Target #3 to Centroid Target #1:	0.118
The Distance from Centroid Target #4 to Centroid Target #1:	0.334
The Distance from Centroid Target #5 to Centroid Target #1:	0.346

SERIAL NUMBER: G6534978. __0
 TARGET NUMBER: 1
 FILE DATE: 01/17/2006
 FILE TIME: 22:43

POINT#	X	Y
1:	0.083	0.589
2:	-0.474	0.831
3:	-0.414	-0.466
4:	-0.389	0.025
5:	-0.170	-0.246
6:	0.248	-0.068
7:	-0.007	0.279
8:	-0.045	0.006
9:	0.752	-0.124
10:	0.415	-0.032

X CENTROID: 0.000
 Y CENTROID: 0.079
 POA TO CENTROID: 0.079
 HORZ SPREAD: 1.226
 VERT SPREAD: 1.297
 GROUP SPREAD: 1.554
 MIN RADIUS: 0.086
 MAX RADIUS: 0.889
 MEAN RADIUS: 0.463
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6534978. 0

TARGET NUMBER: 2

FILE DATE: 01/17/2006

FILE TIME: 22:43

X CENTROID: -0.093

Y CENTROID: 0.303

POA TO CENTROID: 0.317

HORZ SPREAD: 2.043

VERT SPREAD: 1.925

GROUP SPREAD: 2.289

MIN RADIUS: 0.296

MAX RADIUS: 1.286

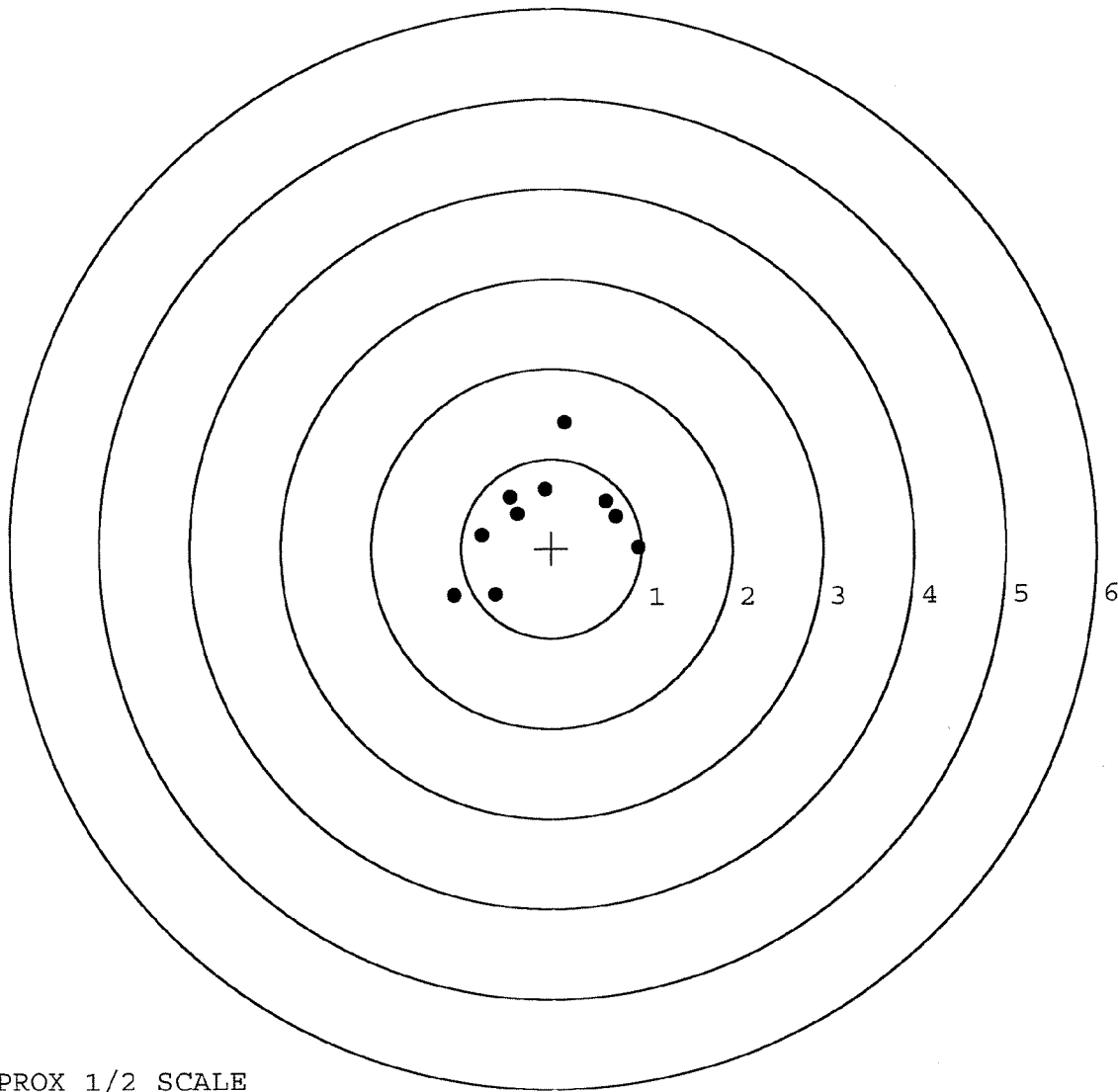
MEAN RADIUS: 0.785

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.071	0.664
2:	-0.458	0.575
3:	-0.376	0.391
4:	-0.771	0.159
5:	0.158	1.404
6:	0.612	0.521
7:	0.720	0.349
8:	0.962	0.005
9:	-0.626	-0.519
10:	-1.081	-0.521

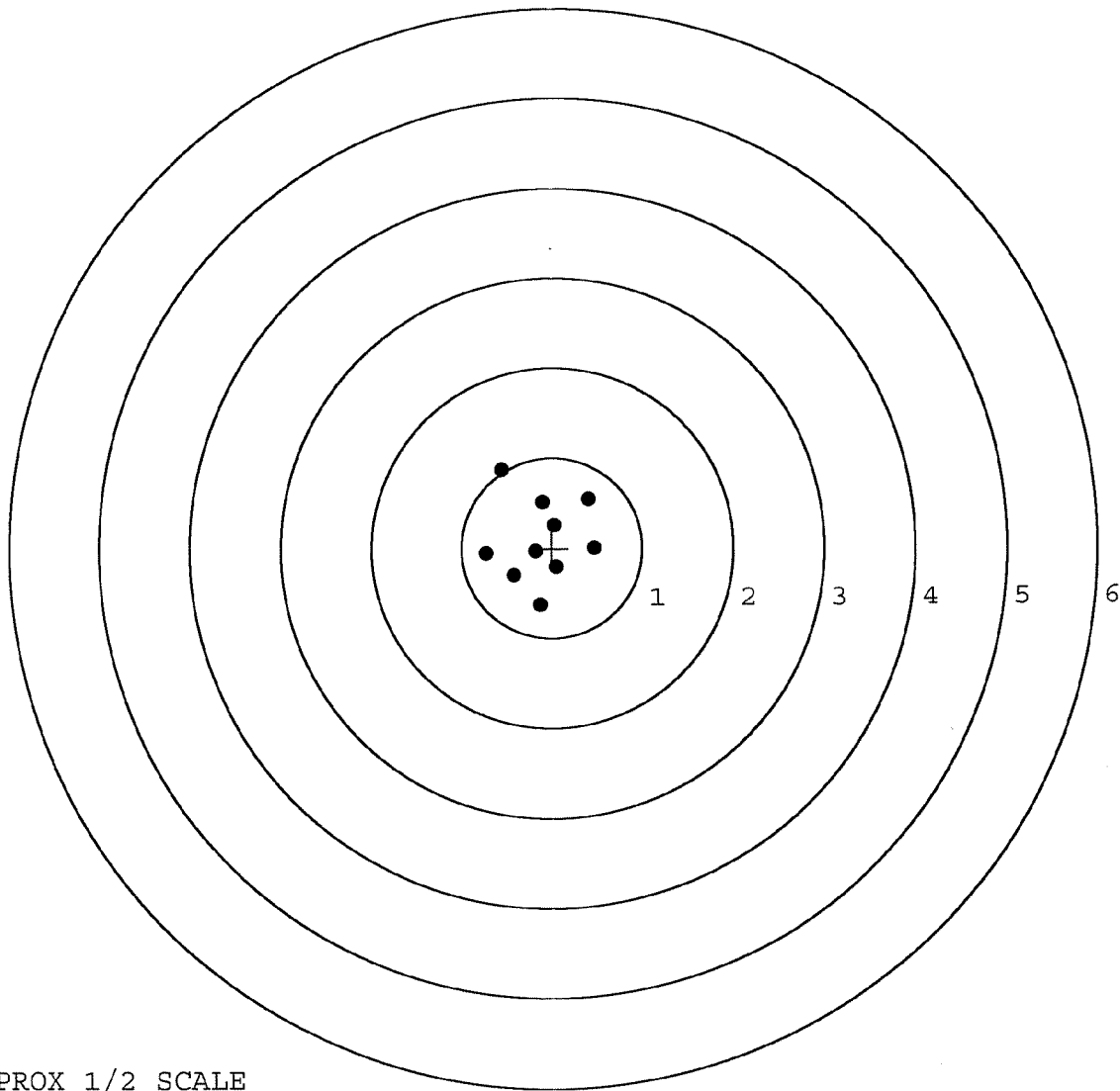


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6534978. __0
 TARGET NUMBER: 3
 FILE DATE: 01/17/2006
 FILE TIME: 22:43

X CENTROID: -0.117
 Y CENTROID: 0.093
 POA TO CENTROID: 0.150
 HORZ SPREAD: 1.198
 VERT SPREAD: 1.507
 GROUP SPREAD: 1.565
 MIN RADIUS: 0.144
 MAX RADIUS: 0.893
 MEAN RADIUS: 0.516
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.554	0.872
2:	0.407	0.541
3:	0.469	-0.004
4:	0.030	0.254
5:	-0.101	0.511
6:	-0.183	-0.035
7:	-0.425	-0.302
8:	-0.133	-0.635
9:	0.051	-0.210
10:	-0.729	-0.058



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6534978. __0

TARGET NUMBER: 4

FILE DATE: 01/17/2006

FILE TIME: 22:43

X CENTROID: -0.253

Y CENTROID: -0.138

POA TO CENTROID: 0.288

HORZ SPREAD: 2.067

VERT SPREAD: 2.348

GROUP SPREAD: 2.281

MIN RADIUS: 0.128

MAX RADIUS: 1.534

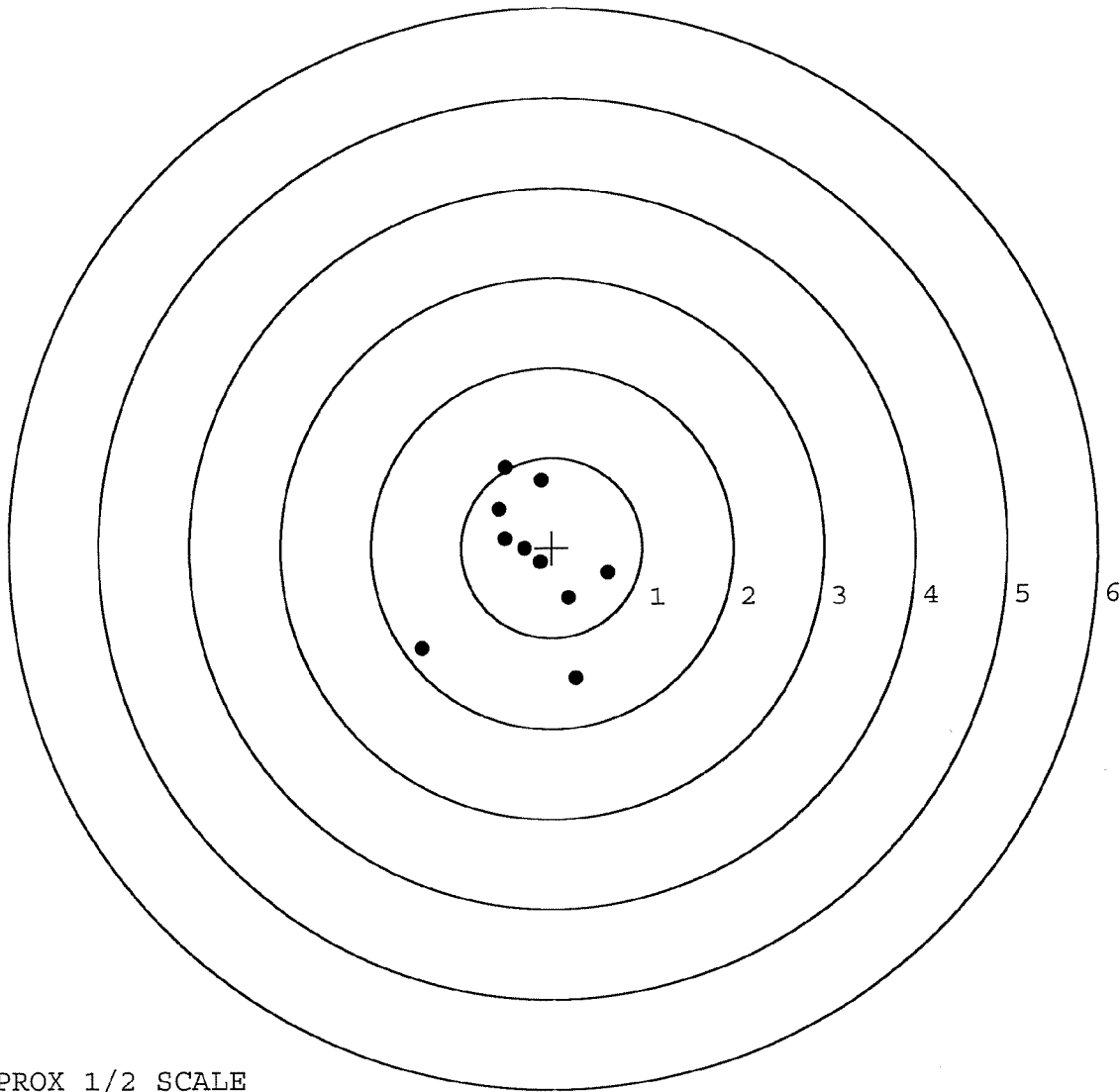
MEAN RADIUS: 0.769

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.118	0.750
2:	-0.512	0.900
3:	-0.583	0.433
4:	-0.518	0.104
5:	-0.303	-0.010
6:	-0.127	-0.161
7:	0.186	-0.562
8:	0.261	-1.448
9:	-1.441	-1.108
10:	0.626	-0.280



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6534978. 0

TARGET NUMBER: 5

FILE DATE: 01/17/2006

FILE TIME: 22:43

POINT#	X	Y
1:	-1.027	0.902
2:	-0.657	1.010
3:	0.144	0.810
4:	0.625	-0.056
5:	-1.056	0.317
6:	-0.398	0.235
7:	-0.199	0.030
8:	0.095	-0.379
9:	-0.316	-0.484
10:	-0.572	-0.747

X CENTROID: -0.336

Y CENTROID: 0.164

POA TO CENTROID: 0.374

HORZ SPREAD: 1.681

VERT SPREAD: 1.757

GROUP SPREAD: 1.910

MIN RADIUS: 0.094

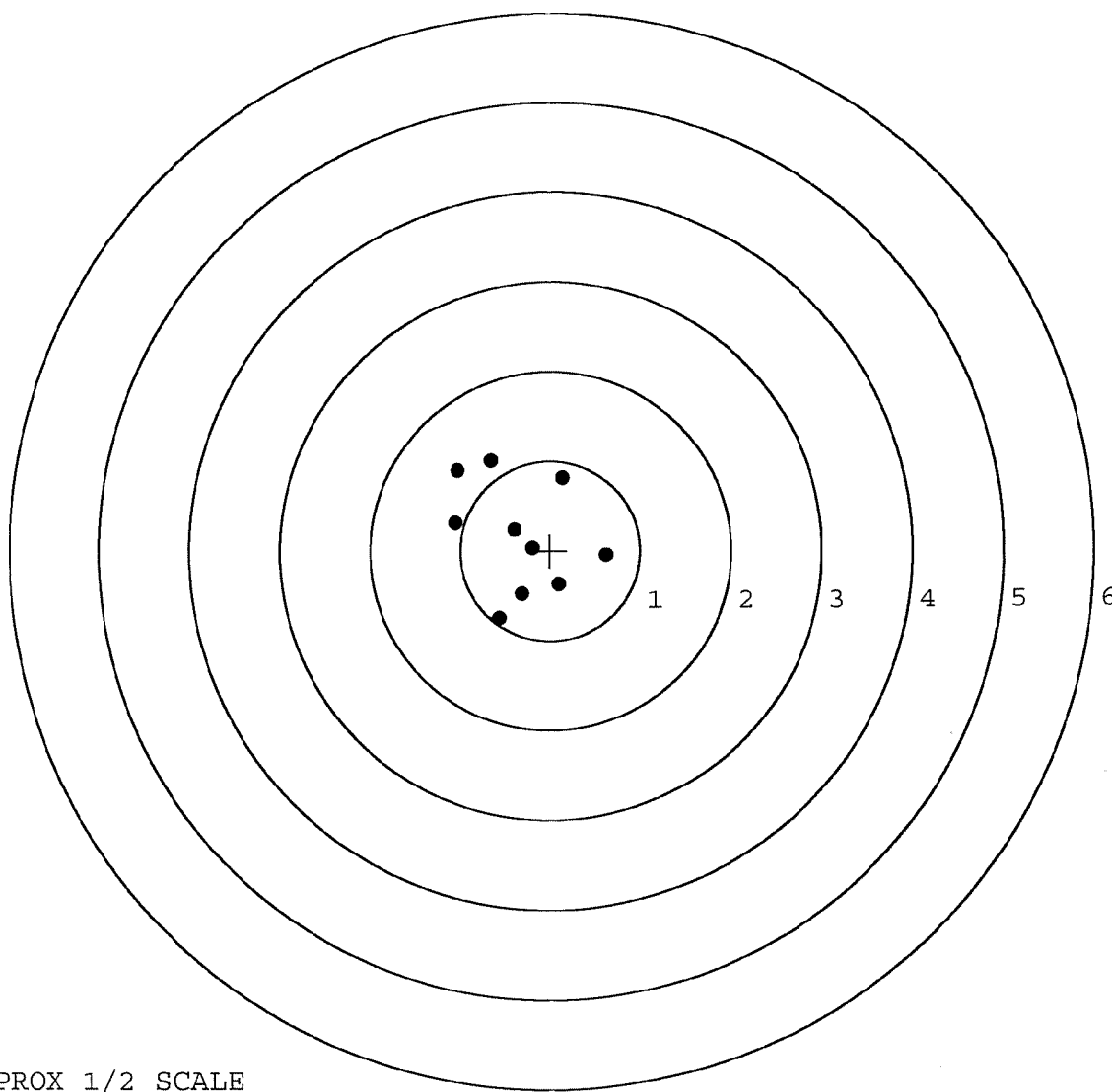
MAX RADIUS: 1.011

MEAN RADIUS: 0.701

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE