

G-652 / 273

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: **RE00138058**

Serial: G6521273 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 03/06/2006

Repairman:

Status: Closed 12/6/2007 8:54:49 AM

Address Information

Customer: ☐ Received From Return To: ☐ Received From

Name: **COMMANDER** **COMMANDER**

Address 1: **HHC, 1-21 INFANTRY BATTALION** **HHC, 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 Number: **G6521273**

Model: **M24 SWS**



RE00138058

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6521273.__0
FILE DATE AND TIME: 02/01/2008 09:09

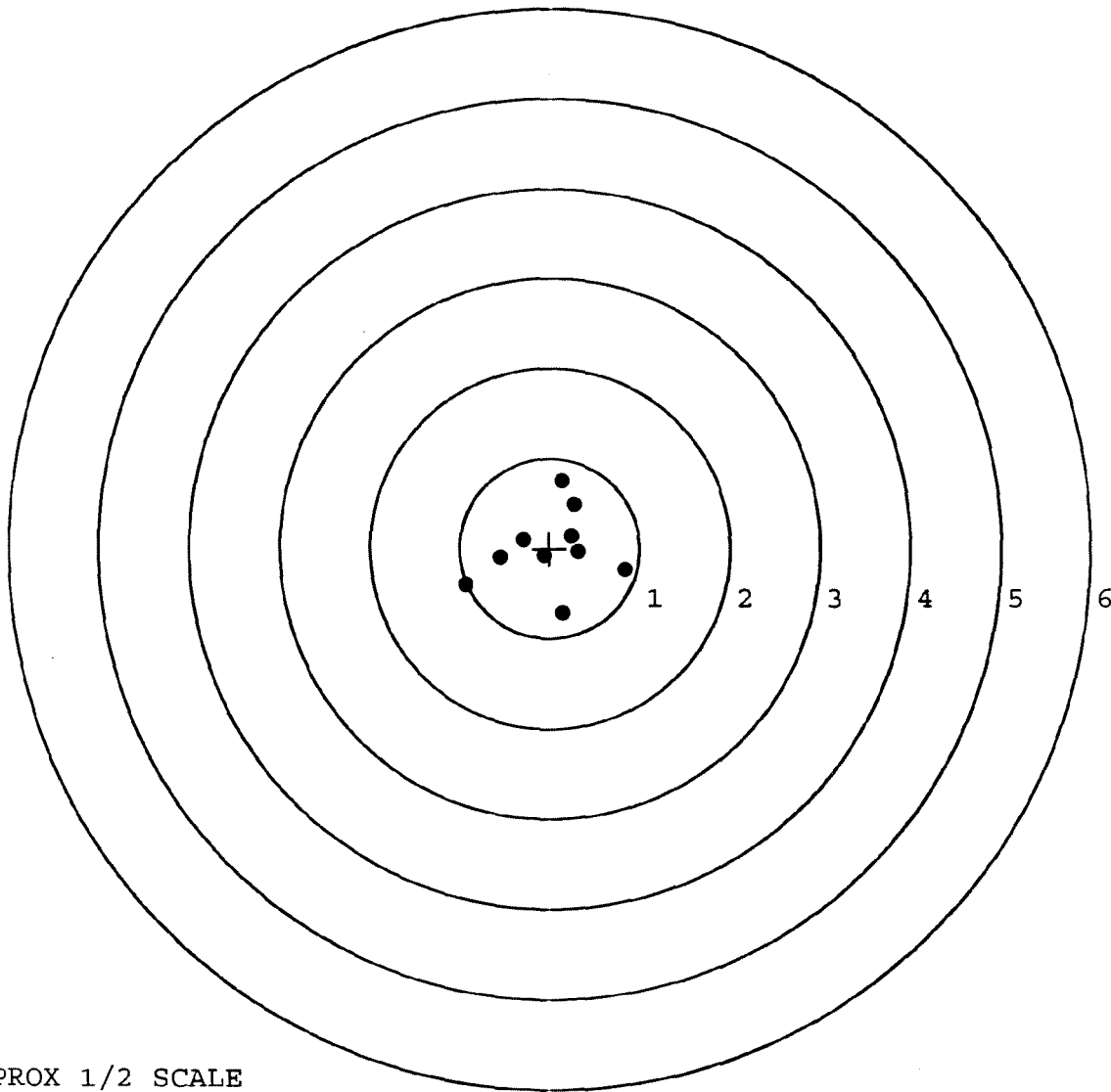
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.008
The Average Y Centroid of the Five Target Set:	-0.017
The Average Point of Impact of the Five Target Set:	0.019
The Average Mean Radius of the Five Target Set:	0.621
The Distance from POA to Centroid Target #1:	0.020
The Distance from Centroid Target #2 to Centroid Target #1:	0.082
The Distance from Centroid Target #3 to Centroid Target #1:	0.109
The Distance from Centroid Target #4 to Centroid Target #1:	0.037
The Distance from Centroid Target #5 to Centroid Target #1:	0.121

SERIAL NUMBER: G6521273. __0
TARGET NUMBER: 1
FILE DATE: 02/01/2008
FILE TIME: 09:09

X CENTROID: 0.014
Y CENTROID: -0.015
POA TO CENTROID: 0.020
HORZ SPREAD: 1.770
VERT SPREAD: 1.473
GROUP SPREAD: 1.778
MIN RADIUS: 0.103
MAX RADIUS: 1.026
MEAN RADIUS: 0.553
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.147	-0.726
2:	0.837	-0.244
3:	-0.933	-0.410
4:	-0.550	-0.105
5:	-0.287	0.097
6:	-0.062	-0.085
7:	0.322	-0.043
8:	0.135	0.747
9:	0.275	0.488
10:	0.253	0.135



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521273. __0

TARGET NUMBER: 2

FILE DATE: 02/01/2008

FILE TIME: 09:09

X CENTROID: -0.004

Y CENTROID: 0.065

POA TO CENTROID: 0.066

HORZ SPREAD: 1.463

VERT SPREAD: 1.636

GROUP SPREAD: 1.673

MIN RADIUS: 0.121

MAX RADIUS: 0.913

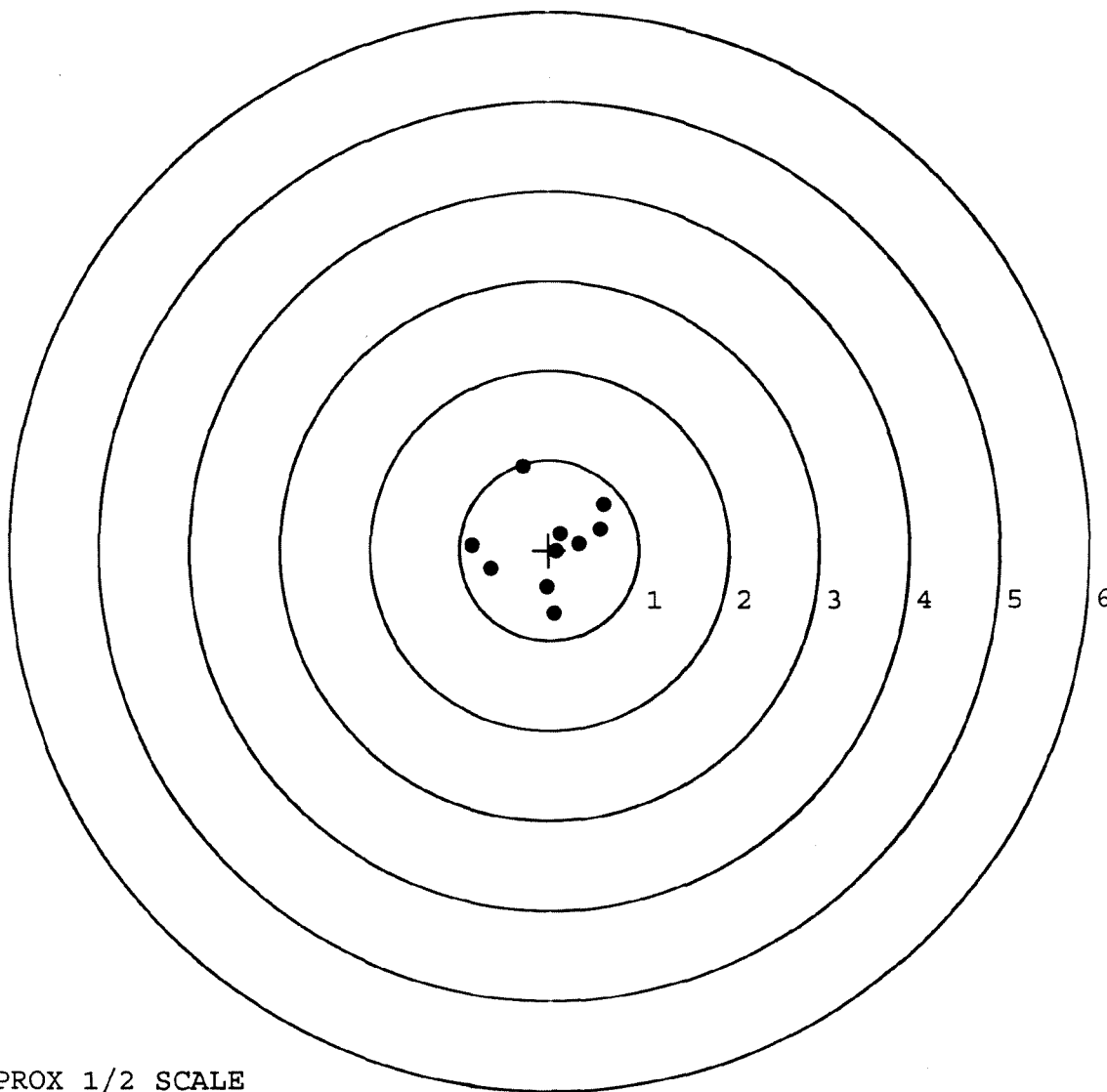
MEAN RADIUS: 0.571

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.292	0.932
2:	-0.855	0.056
3:	-0.647	-0.205
4:	0.057	-0.704
5:	-0.033	-0.412
6:	0.608	0.512
7:	0.573	0.234
8:	0.336	0.073
9:	0.124	0.184
10:	0.085	-0.016

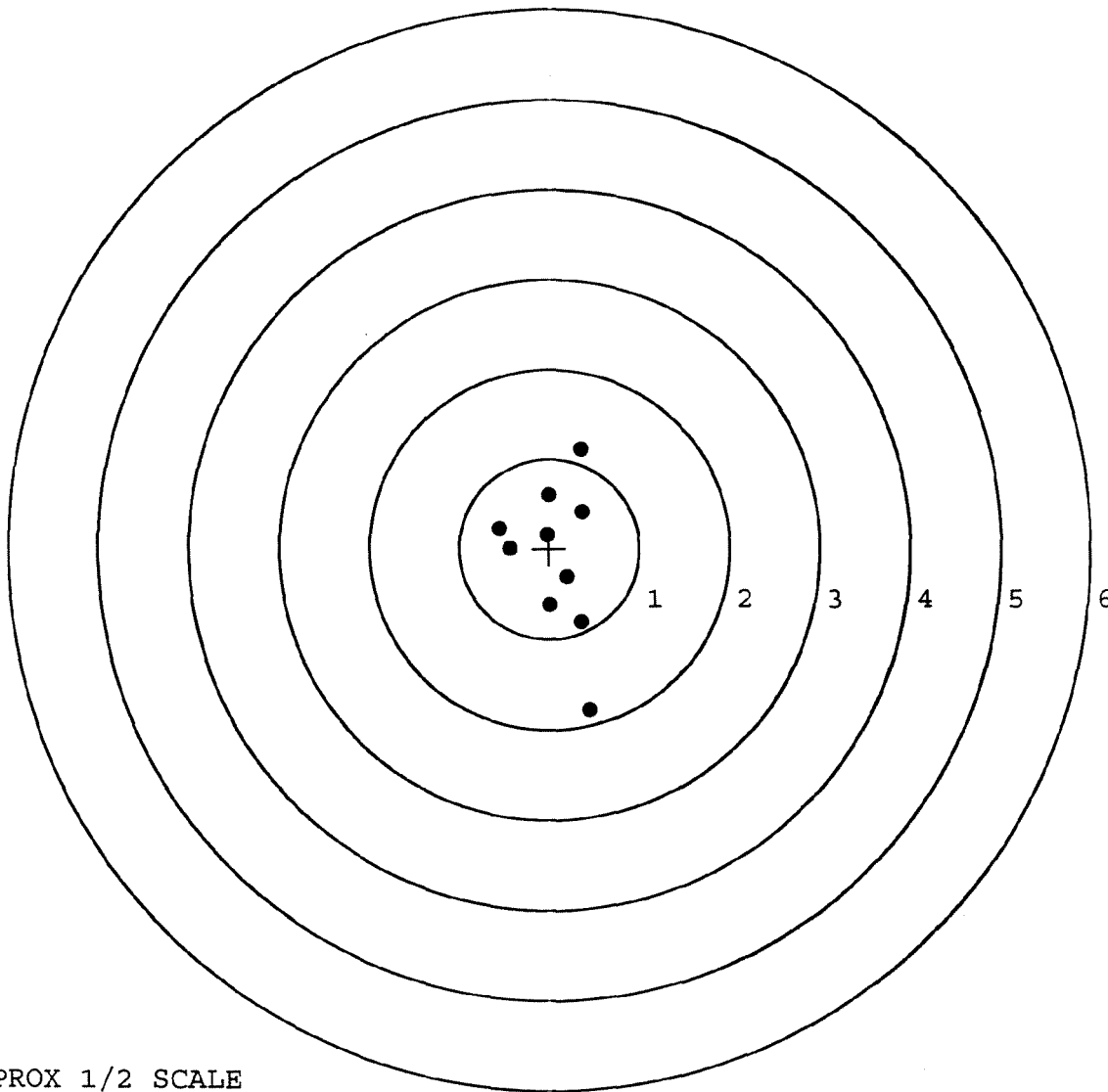


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521273. __0
TARGET NUMBER: 3
FILE DATE: 02/01/2008
FILE TIME: 09:09

POINT#	X	Y
1:	-0.557	0.222
2:	-0.437	0.004
3:	0.363	-0.818
4:	0.008	-0.629
5:	0.206	-0.319
6:	-0.026	0.147
7:	0.373	0.410
8:	-0.009	0.598
9:	0.358	1.110
10:	0.447	-1.783

X CENTROID: 0.073
Y CENTROID: -0.106
POA TO CENTROID: 0.128
HORZ SPREAD: 1.004
VERT SPREAD: 2.893
GROUP SPREAD: 2.894
MIN RADIUS: 0.251
MAX RADIUS: 1.718
MEAN RADIUS: 0.732
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521273. __0

TARGET NUMBER: 4

FILE DATE: 02/01/2008

FILE TIME: 09:09

POINT#	X	Y
1:	-0.427	-1.154
2:	-0.245	-0.713
3:	-0.007	-0.800
4:	0.527	-0.129
5:	-0.082	-0.146
6:	0.248	0.409
7:	-0.136	0.362
8:	0.021	0.834
9:	-0.145	0.764
10:	0.065	0.609

X CENTROID: -0.018

Y CENTROID: 0.004

POA TO CENTROID: 0.018

HORZ SPREAD: 0.954

VERT SPREAD: 1.988

GROUP SPREAD: 2.038

MIN RADIUS: 0.163

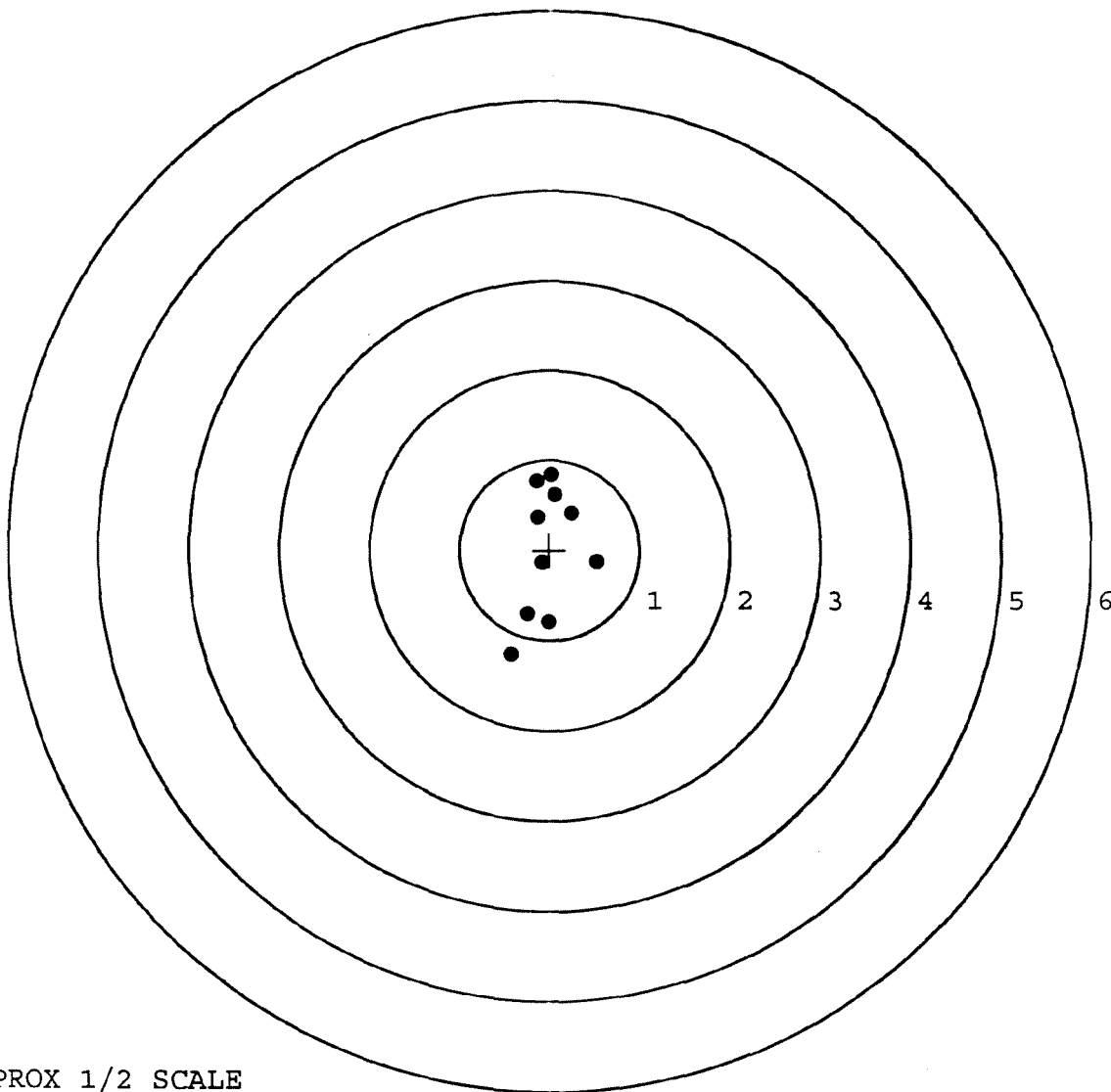
MAX RADIUS: 1.228

MEAN RADIUS: 0.658

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521273. __0

TARGET NUMBER: 5

FILE DATE: 02/01/2008

FILE TIME: 09:09

POINT#	X	Y
1:	-0.889	0.762
2:	-0.698	-0.686
3:	0.034	-0.586
4:	0.297	-0.568
5:	0.820	0.069
6:	0.199	-0.188
7:	0.011	-0.022
8:	0.011	0.252
9:	-0.456	0.183
10:	-0.382	0.448

X CENTROID: -0.105

Y CENTROID: -0.034

POA TO CENTROID: 0.111

HORZ SPREAD: 1.709

VERT SPREAD: 1.448

GROUP SPREAD: 1.844

MIN RADIUS: 0.117

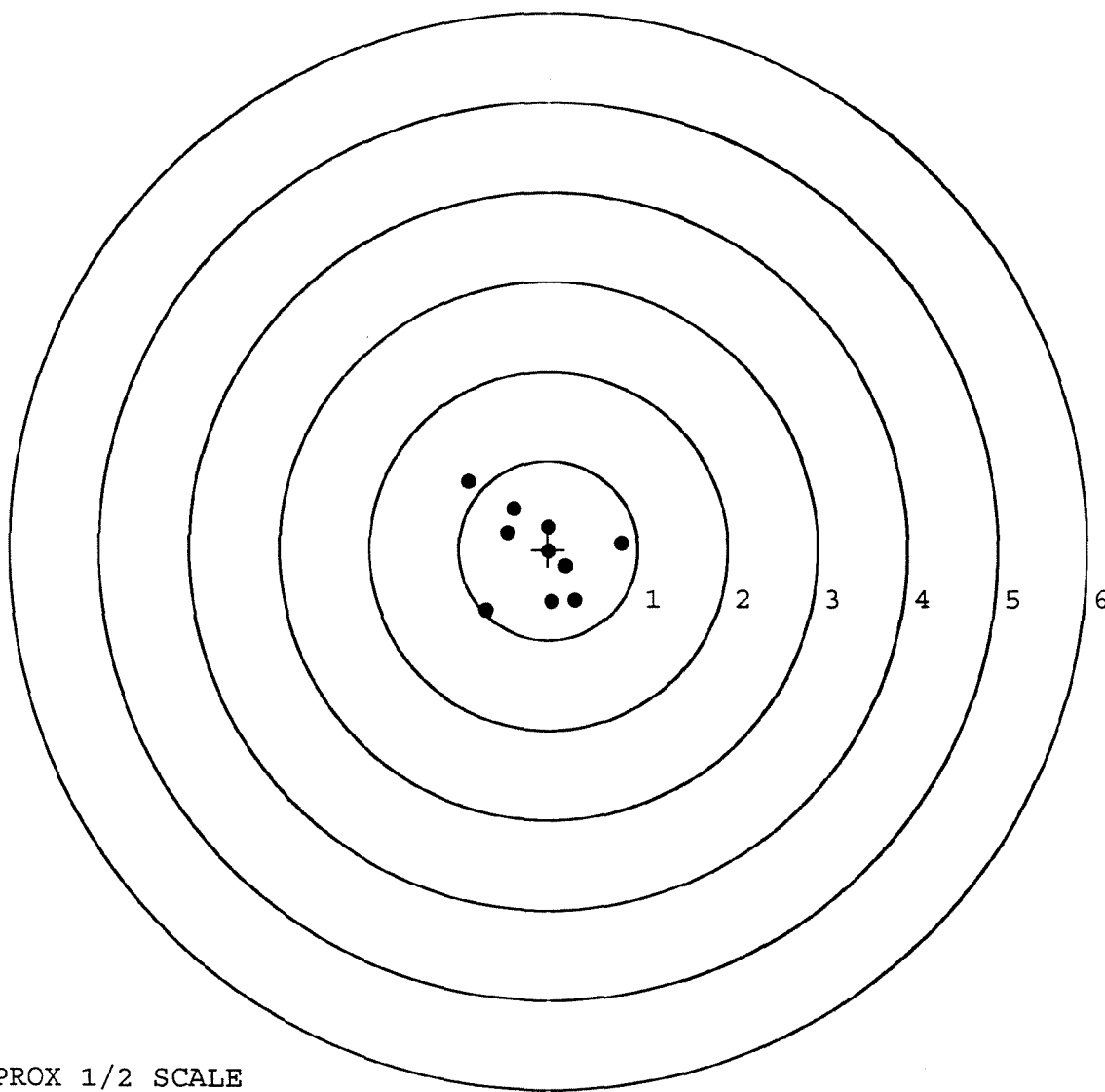
MAX RADIUS: 1.117

MEAN RADIUS: 0.590

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER 138058
 SERIAL NUMBER G6521273
 LOG-IN DATE 12-6-07

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	1-21-08	RTZ
505	RE-BARREL	1-22-08	RTZ
560	ASSEMBLE	1-22-08	RR
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	JY
620	APPLY COATINGS	1-29-08	CPR
625	FINAL ASSEMBLY	1-30-08	RTZ
640	FUNCTION TEST AND	PASS FAIL 1-31-08	TRW
650	TARGET	PASS FAIL 1-31-08	TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	1-31-08	RP
	A) HEADSPACE	PASS FAIL	
	B) TRIGGER PULL	2.81 2.82 2.77 2.71 2.73 2-408	DA
680	F) SAFETY ON FORCE	45 45 45 2408	DA
	G) SAFETY OFF FORCE	25 22 25 2408	DA
	I) FIRING PIN INDENT	.023 .022 1.022 2-48	DA
690	PACK	3-208	DA

ORDER 25716

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

UPC



0 47700 25716 7

ORDER 25716

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

UPC



0 47700 25716 7

SERIAL NO.



66521273

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



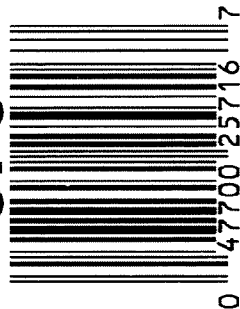
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6521273

UPC



M-24
INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G 6521273

OP #	OPERATION NAME	READINGS	DATE	INITIAL
420 & 430	ASSEMBLE ACTION ASSEMBLE TO STOCK		11/2/05	CD
440	PROOF		11/2/05	CD
460	CHECK HEADSPACE	MAGNA-FLUX	11/2/05	CD
470	DIS-ASSEMBLE ACTION	DEC 17 2005	11/2/05	CD
480 & 490	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	480 MAGNAFLUX	12/8/05	CD
500	ROLLMARK CALIBER		12-8-05	CW
510	DRILL AND TAP SIGHT HOLES		12-8-05	BR
520	GOFF BLAST BBL / REC		12-9-05	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		12/12/05	TS
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		12-16-05	AC
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		12-16-05	AC
	C) INSPECT EJECTOR HOLE FOR CHAMFER		12-16-05	AC
	D) OIL FIRING PIN ASSEMBLY		2/16/06	mgd
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		2/16/06	mgd

REV-8405

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>45</u> <u>5.0</u> <u>5.0</u>	1-28-06	OA
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.0</u> <u>2.0</u> <u>3.0</u>	1-28-06	OA
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.022</u> <u>.022</u> <u>.022</u>	2/16/06	MGJ
	J) ASSEMBLE STOCK		12-28-05	BC
	K) ASSEMBLE SWIVEL STUDS		2-16-06	MGJ
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		12-28-05	BC
	M) IRON SIGHT ALIGNMENT		12-28-05	BC
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		12-28-05	BC
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	12-29-05	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		12/29/05	R.P.
670	FINAL INSPECTION A) HEADSPACE		2/16/06	MGJ
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.86</u> <u>2.70</u> <u>2.89</u> <u>2.86</u> <u>2.82</u>	1-25-06	TRW
	C) FUNCTION		2/16/06	MGJ
690	PACK		2/16/06	MGJ

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 10-20-05

TESTER S.F.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.53	2.44		2.41	
PULL #2	2.47	2.43		2.40	
PULL #3	2.57	2.46		2.42	
PULL #4	2.51	2.46		2.45	
PULL #5	2.63	2.42		2.40	
TOTAL	12.71	12.21		12.08	
AVERAGE	2.54	2.44		2.42	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	2.90	3.05		
PULL #2	2.96	3.19		
PULL #3	3.05	3.20		
PULL #4	3.06	3.17		
PULL #5	3.05	3.11		
TOTAL	15.02	15.72		
AVERAGE	3.00	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	4.10	3.93		4.14
PULL #2	4.15	3.99		4.11
PULL #3	4.23	4.01		4.09
PULL #4	4.20	4.01		4.04
PULL #5	4.16	4.03		3.98
TOTAL	20.84	19.97		20.36
AVERAGE	4.17	3.99		4.07

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6521273.__0
FILE DATE AND TIME: 12/29/2005 15:51

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.039
The Average Y Centroid of the Five Target Set:	-0.080
The Average Point of Impact of the Five Target Set:	0.089
The Average Mean Radius of the Five Target Set:	0.738
The Distance from POA to Centroid Target #1:	0.068
The Distance from Centroid Target #2 to Centroid Target #1:	0.234
The Distance from Centroid Target #3 to Centroid Target #1:	0.192
The Distance from Centroid Target #4 to Centroid Target #1:	0.097
The Distance from Centroid Target #5 to Centroid Target #1:	0.202

SERIAL NUMBER: G6521273. __0

TARGET NUMBER: 1

FILE DATE: 12/29/2005

FILE TIME: 15:51

POINT#	X	Y
1:	0.498	-1.246
2:	-0.183	-1.203
3:	-0.426	0.013
4:	-0.541	0.166
5:	0.026	0.425
6:	0.160	0.332
7:	0.428	0.140
8:	0.436	-0.056
9:	0.557	-0.192
10:	-0.458	1.160

X CENTROID: 0.050

Y CENTROID: -0.046

POA TO CENTROID: 0.068

HORZ SPREAD: 1.098

VERT SPREAD: 2.406

GROUP SPREAD: 2.589

MIN RADIUS: 0.386

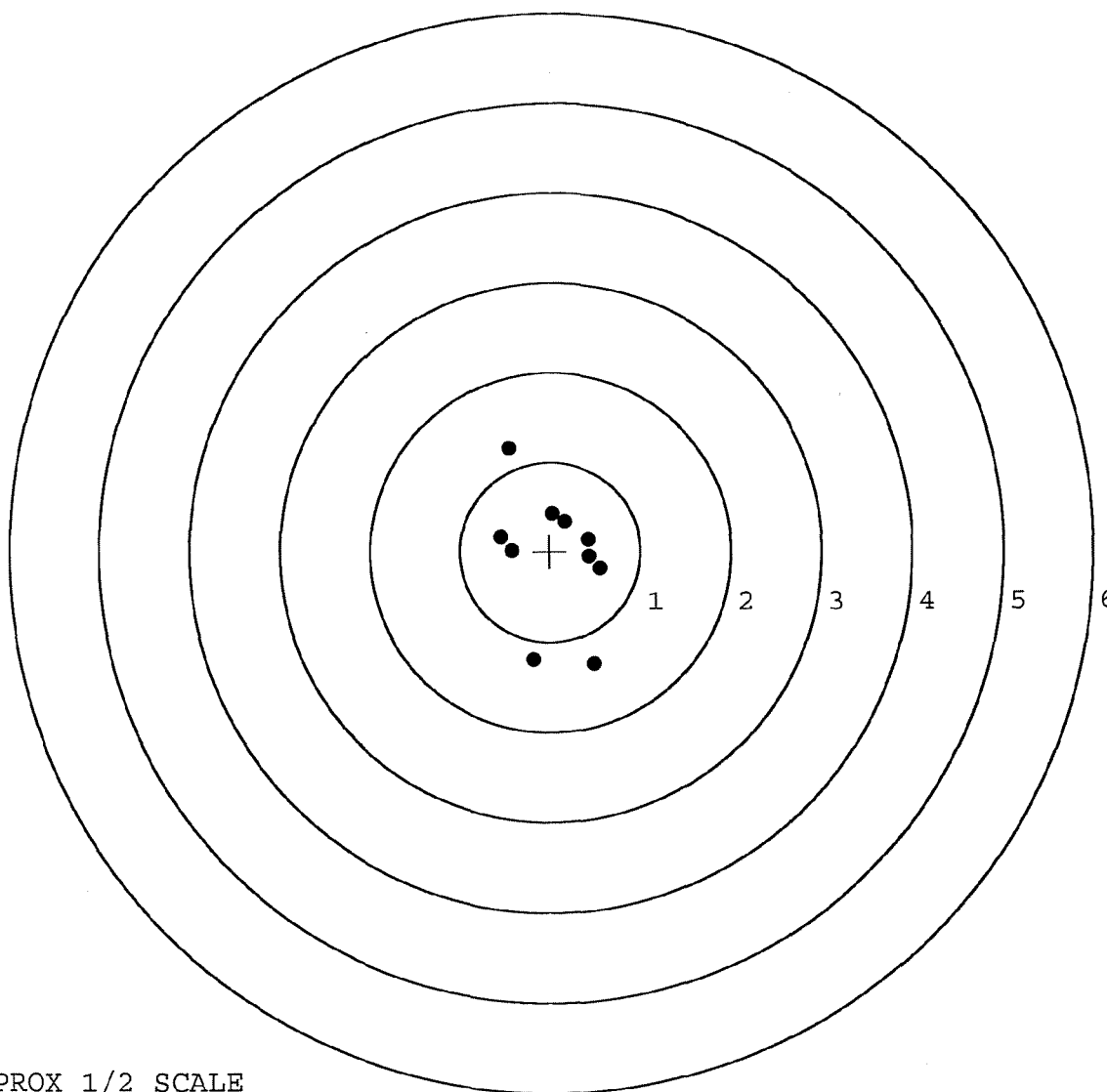
MAX RADIUS: 1.309

MEAN RADIUS: 0.708

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521273. 0

TARGET NUMBER: 2

FILE DATE: 12/29/2005

FILE TIME: 15:51

POINT#	X	Y
1:	0.428	-0.698
2:	0.428	-0.952
3:	-0.001	-1.063
4:	-0.351	-1.335
5:	-0.419	-0.893
6:	-0.071	0.044
7:	0.261	0.284
8:	0.151	0.477
9:	0.151	0.844
10:	-0.594	0.544

X CENTROID: -0.002

Y CENTROID: -0.275

POA TO CENTROID: 0.275

HORZ SPREAD: 1.022

VERT SPREAD: 2.179

GROUP SPREAD: 2.236

MIN RADIUS: 0.326

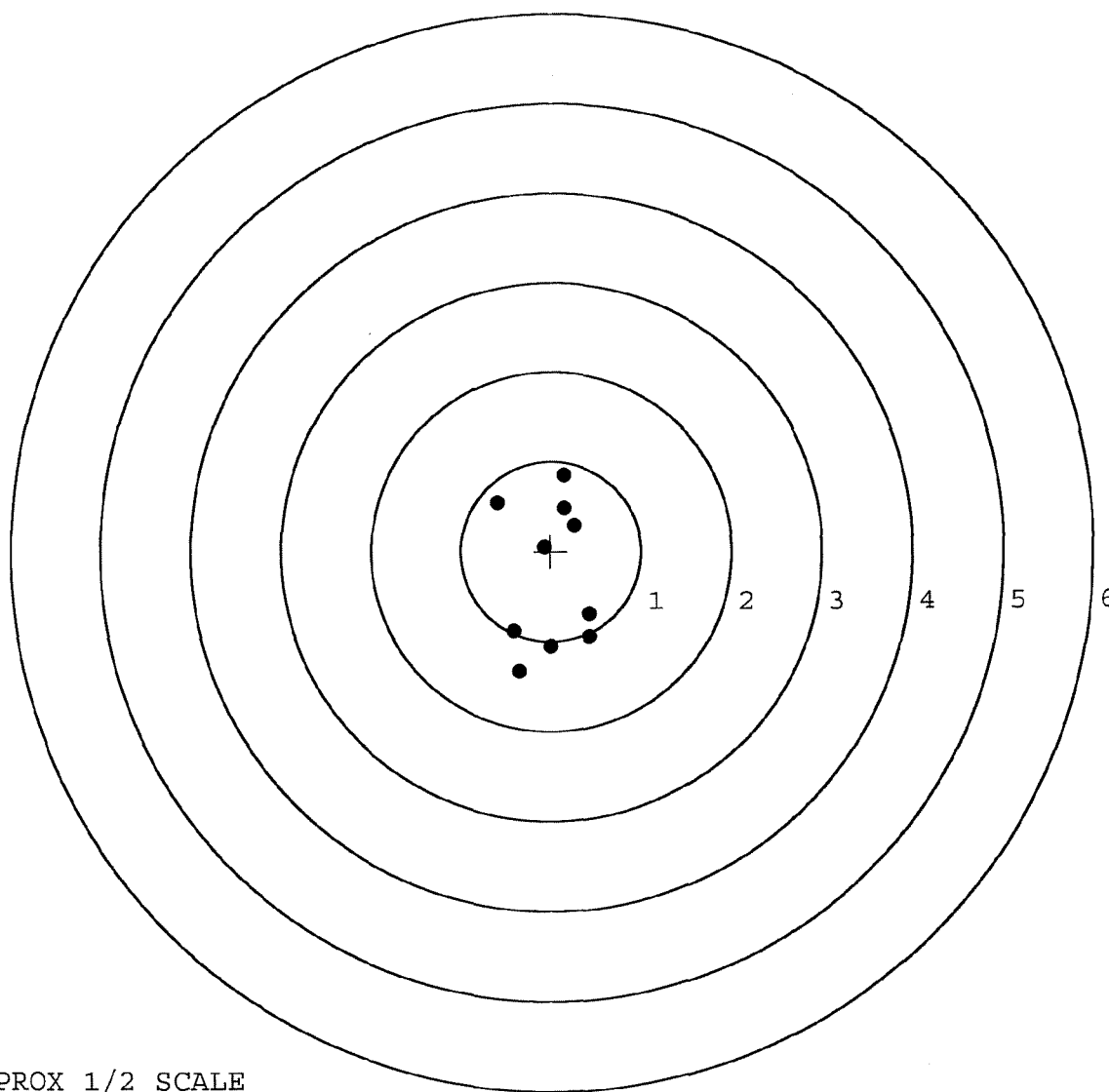
MAX RADIUS: 1.129

MEAN RADIUS: 0.791

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

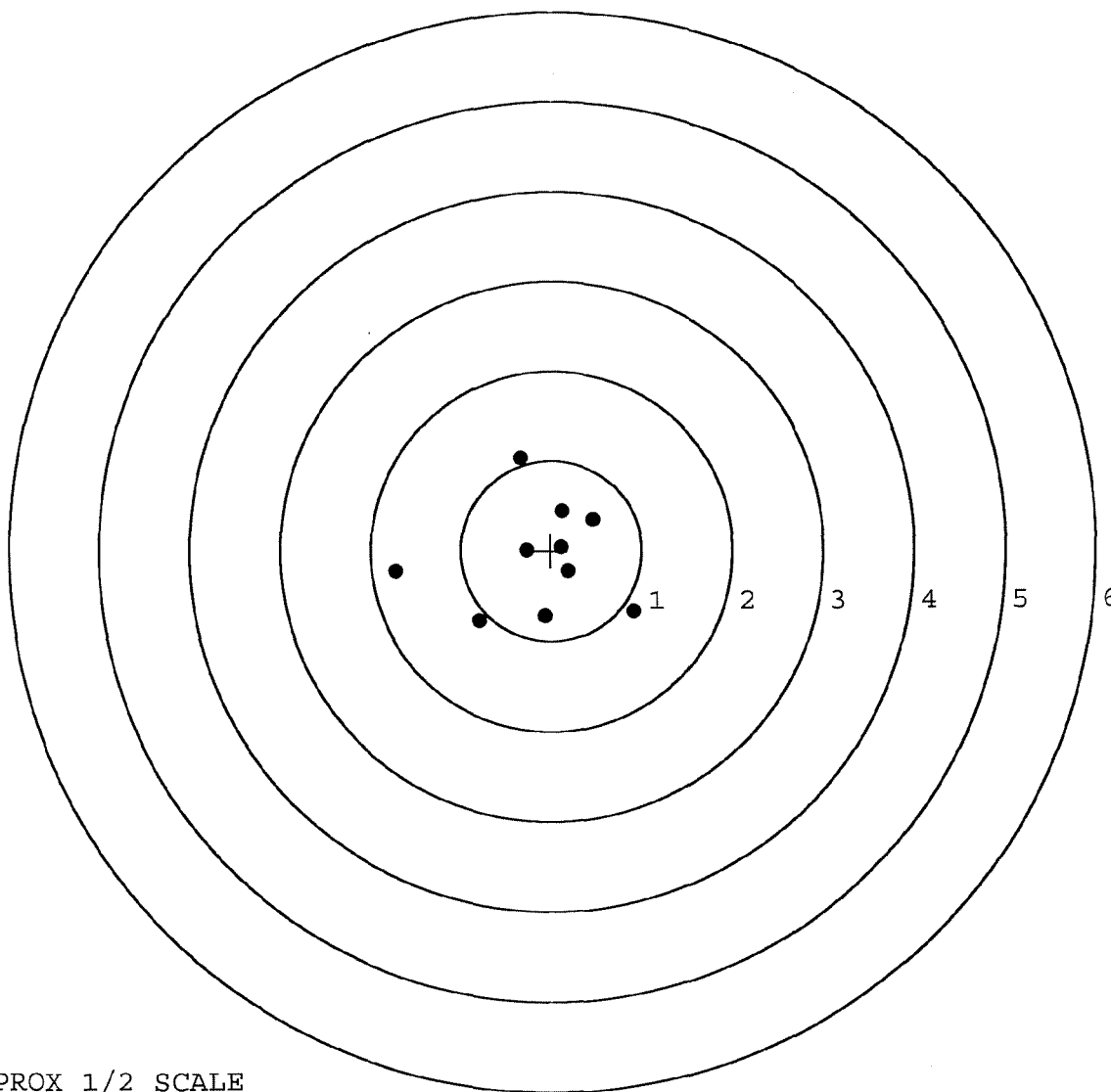


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521273. 0
TARGET NUMBER: 3
FILE DATE: 12/29/2005
FILE TIME: 15:51

X CENTROID: -0.139
Y CENTROID: -0.079
POA TO CENTROID: 0.160
HORZ SPREAD: 2.634
VERT SPREAD: 1.811
GROUP SPREAD: 2.674
MIN RADIUS: 0.148
MAX RADIUS: 1.592
MEAN RADIUS: 0.765
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.909	-0.679
2:	-0.071	-0.729
3:	-0.795	-0.779
4:	-1.725	-0.220
5:	-0.337	1.032
6:	0.121	0.435
7:	0.460	0.346
8:	0.119	0.037
9:	-0.268	-0.006
10:	0.192	-0.229

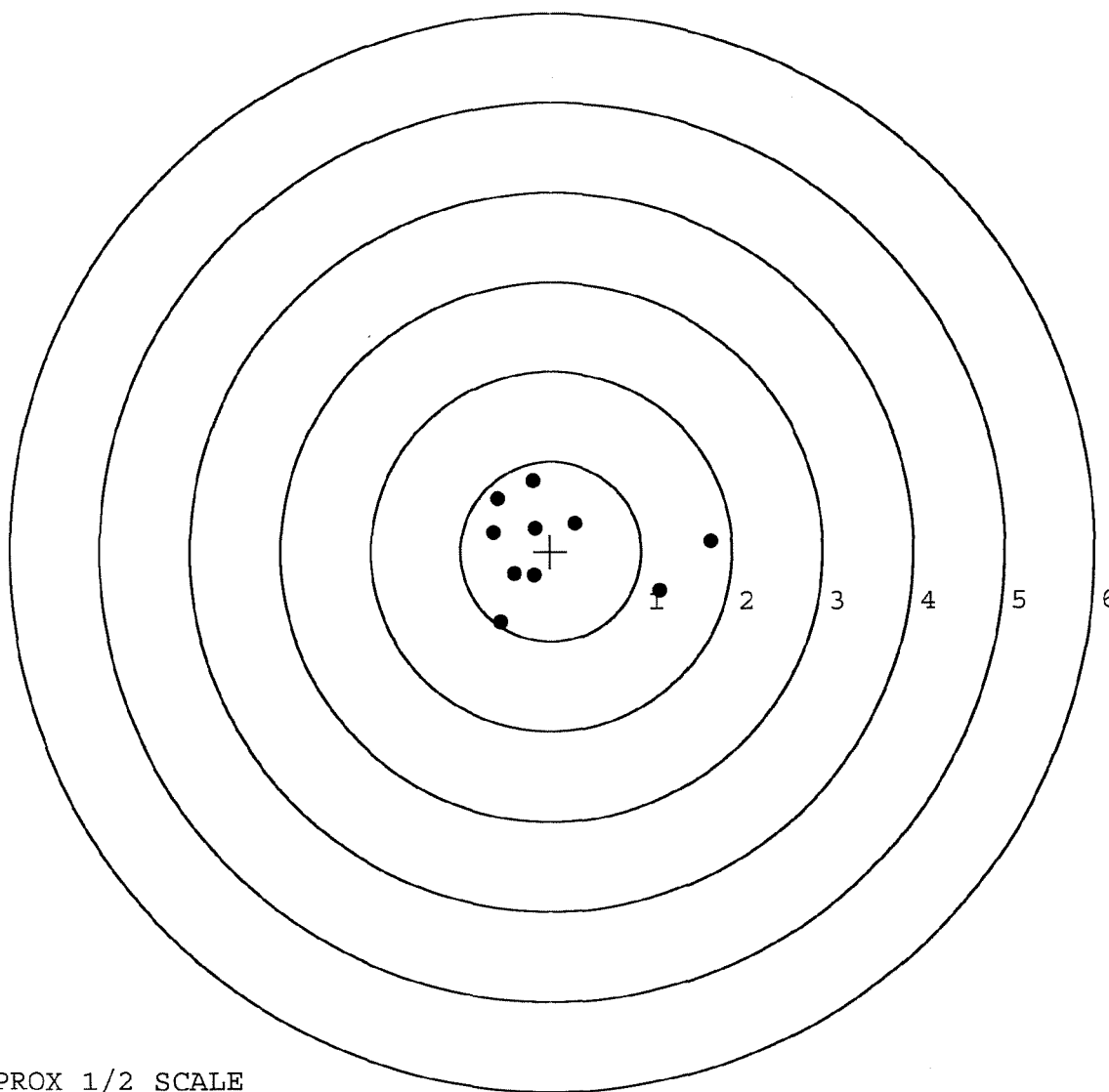


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521273. 0
TARGET NUMBER: 4
FILE DATE: 12/29/2005
FILE TIME: 15:51

X CENTROID: 0.050
Y CENTROID: 0.050
POA TO CENTROID: 0.071
HORZ SPREAD: 2.403
VERT SPREAD: 1.569
GROUP SPREAD: 2.493
MIN RADIUS: 0.307
MAX RADIUS: 1.720
MEAN RADIUS: 0.790
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.769	0.115
2:	1.205	-0.444
3:	0.267	0.308
4:	-0.178	0.256
5:	-0.182	-0.273
6:	-0.400	-0.250
7:	-0.554	-0.789
8:	-0.634	0.214
9:	-0.590	0.587
10:	-0.199	0.780



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521273. 0

TARGET NUMBER: 5

FILE DATE: 12/29/2005

FILE TIME: 15:51

POINT#	X	Y
1:	0.510	0.085
2:	0.428	0.657
3:	0.060	0.611
4:	0.363	-0.679
5:	-0.183	-0.038
6:	-0.585	-0.740
7:	-0.552	-0.021
8:	-0.622	0.133
9:	-1.095	0.030
10:	0.151	-0.554

X CENTROID: -0.153

Y CENTROID: -0.052

POA TO CENTROID: 0.161

HORZ SPREAD: 1.605

VERT SPREAD: 1.397

GROUP SPREAD: 1.647

MIN RADIUS: 0.033

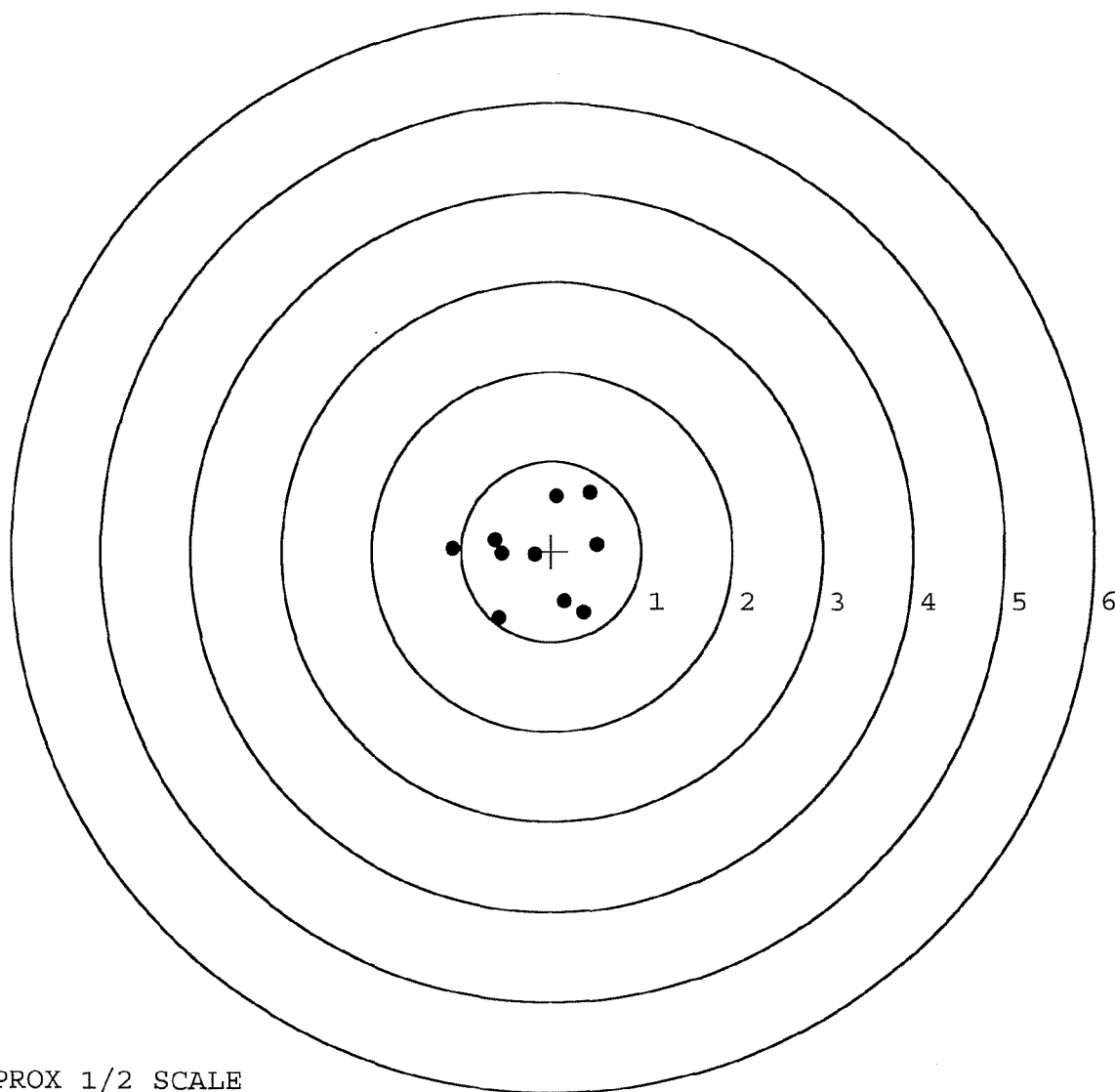
MAX RADIUS: 0.946

MEAN RADIUS: 0.638

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE