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10/03/07 07:22:34

Arms Services Repair & Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

Repair InquiryRepair Number: **RE00134841**Serial: G6236274 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 12/06/2002

Repairman:

Status:

Closed 10/2/2007 11:46:52 AM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: FB4484 305 APS/TRTC

FB4484 305 APS/TRTC

Address 1: 1757 VANDENBERG AVE

1757 VANDENBERG AVE

Address 2: PO Box:

PO Box:

City: MCGUIRE AFB

MCGUIRE AFB

State: NJ

Zip Code: 08641-5270

Country: US

State: NJ

Zip Code: 08641-5270

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
A008	With Swivel	2
A010	Hard Case	1
A017	Scope Base	1
A045	Bi Pod	1
A057	Frt and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

10/3/2007

7:22 AM

CAPS

NUM

INS

SCRL

start

3 M...

3 Int...

2 M...

Arms ...

Part S...

Parts ...

7:22 AM

Serial:
Number:**G6236274**

Model: M24 SWS

**RE00134841**

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

Handwritten: 12

R & E NUMBER 134841

SERIAL NUMBER G6236274

LOG-IN DATE 10-2-07

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	10-2-07	RTZ
505	RE-BARREL	10-3-07	RTZ
560	ASSEMBLE	10-3-07	RTZ
600	PROOF	10-4-07	TRW
605	CHECK HEADSPACE	10-4-07	TRW
610	DIS-ASSEMBLE GUN	10-4-07	TRW
612	MAGNAFLUX	10/5/07	mm
510	DRILL AND TAP	10-5-07	CW
615	ROLLMARK CALIBER	10-8-07	Zy
618	ROTO-BLAST	10/9/07	TS
620	APPLY COATINGS	10-15-07	RTZ
625	FINAL ASSEMBLY		
640	FUNCTION TEST AND	PASS FAIL 10-17-07	TRW
650	TARGET	PASS FAIL 10-15-07	TRW
	MALFUNCTION OH	CORRECTION OK 10-17-07	TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION N/A	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	10-15-07	BWD
	A) HEADSPACE	PASS FAIL 7-31-08	RTZ
	B) TRIGGER PULL	275 265 255 275 285 10/19/07	mm
680	F) SAFETY ON FORCE	50 58 50 7-31-08	RTZ
	G) SAFETY OFF FORCE	225 20 245 7-31-08	RTZ
	I) FIRING PIN INDENT	.020 023 023 023 7-31-08	RTZ
690	PACK	17/3/08	Fy

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6236274.__0
FILE DATE AND TIME: 10/15/2007 . 14:39

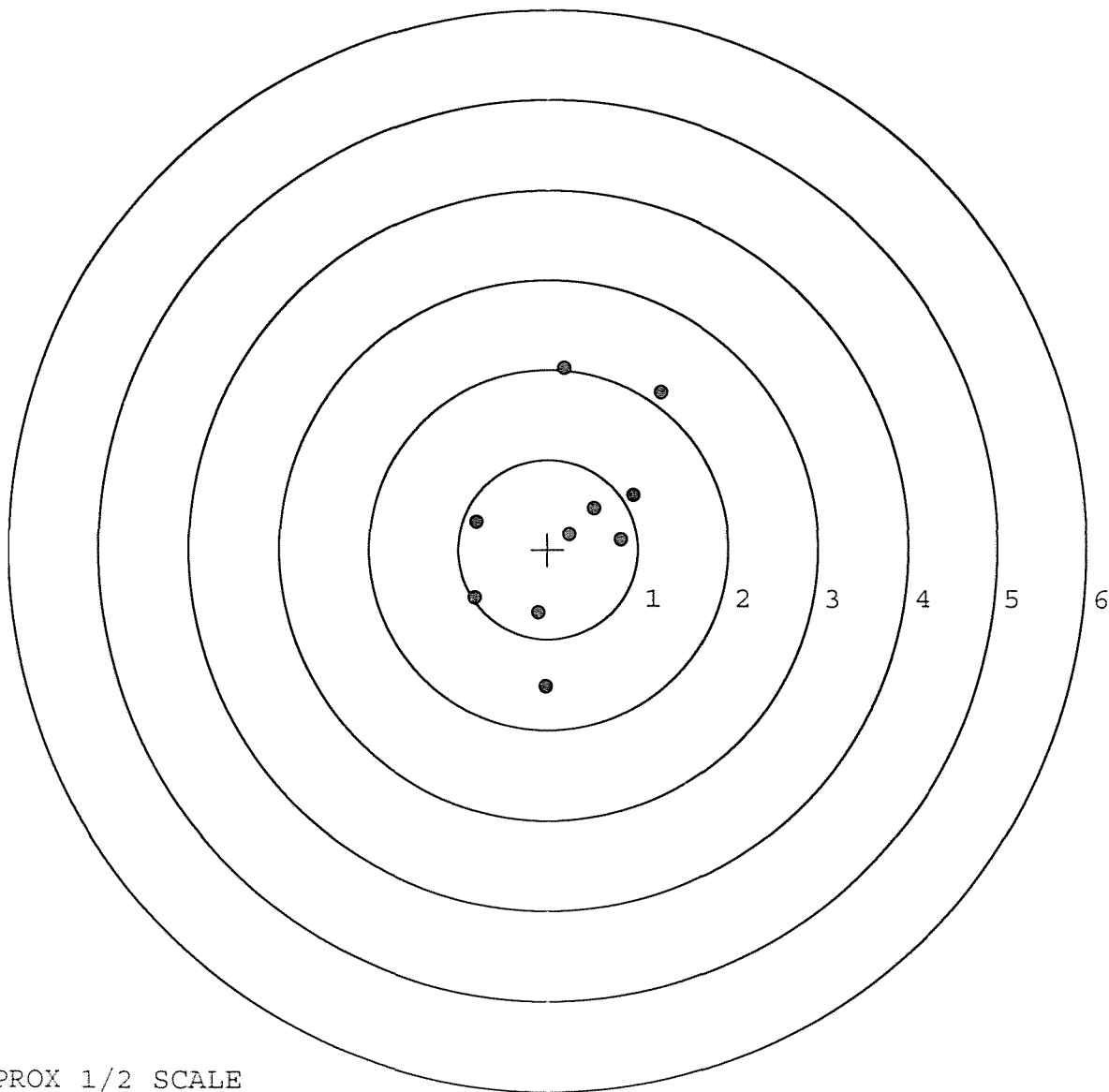
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.079
The Average Y Centroid of the Five Target Set:	0.009
The Average Point of Impact of the Five Target Set:	0.079
The Average Mean Radius of the Five Target Set:	0.902
The Distance from POA to Centroid Target #1:	0.341
The Distance from Centroid Target #2 to Centroid Target #1:	0.436
The Distance from Centroid Target #3 to Centroid Target #1:	0.518
The Distance from Centroid Target #4 to Centroid Target #1:	0.467
The Distance from Centroid Target #5 to Centroid Target #1:	0.555

SERIAL NUMBER: G6236274. 0
TARGET NUMBER: 1
FILE DATE: 10/15/2007
FILE TIME: 14:39

X CENTROID: 0.218
Y CENTROID: 0.263
POA TO CENTROID: 0.341
HORZ SPREAD: 2.065
VERT SPREAD: 3.546
GROUP SPREAD: 3.553
MIN RADIUS: 0.095
MAX RADIUS: 1.807
MEAN RADIUS: 1.059
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 7

POINT#	X	Y
1:	1.249	1.746
2:	0.183	2.019
3:	0.945	0.603
4:	0.508	0.454
5:	0.245	0.172
6:	0.811	0.108
7:	-0.107	-0.712
8:	-0.816	-0.544
9:	-0.804	0.307
10:	-0.033	-1.527

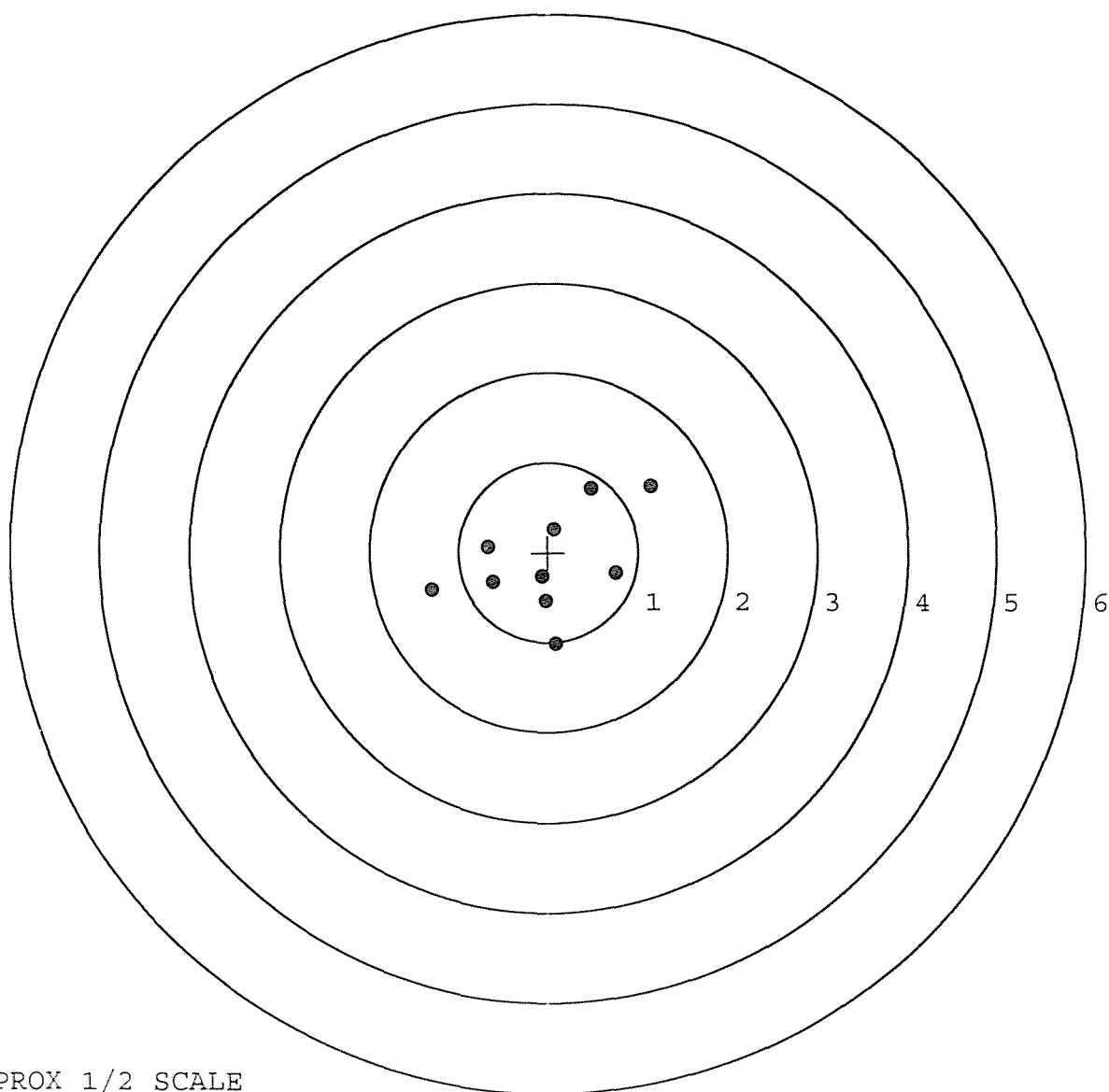


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236274. __0
TARGET NUMBER: 2
FILE DATE: 10/15/2007
FILE TIME: 14:39

X CENTROID: -0.016
Y CENTROID: -0.106
POA TO CENTROID: 0.107
HORZ SPREAD: 2.443
VERT SPREAD: 1.761
GROUP SPREAD: 2.706
MIN RADIUS: 0.176
MAX RADIUS: 1.430
MEAN RADIUS: 0.771
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.092	-1.023
2:	-0.030	-0.546
3:	-0.070	-0.273
4:	0.752	-0.232
5:	0.067	0.255
6:	0.478	0.713
7:	1.139	0.738
8:	-0.667	0.062
9:	-0.615	-0.327
10:	-1.304	-0.425

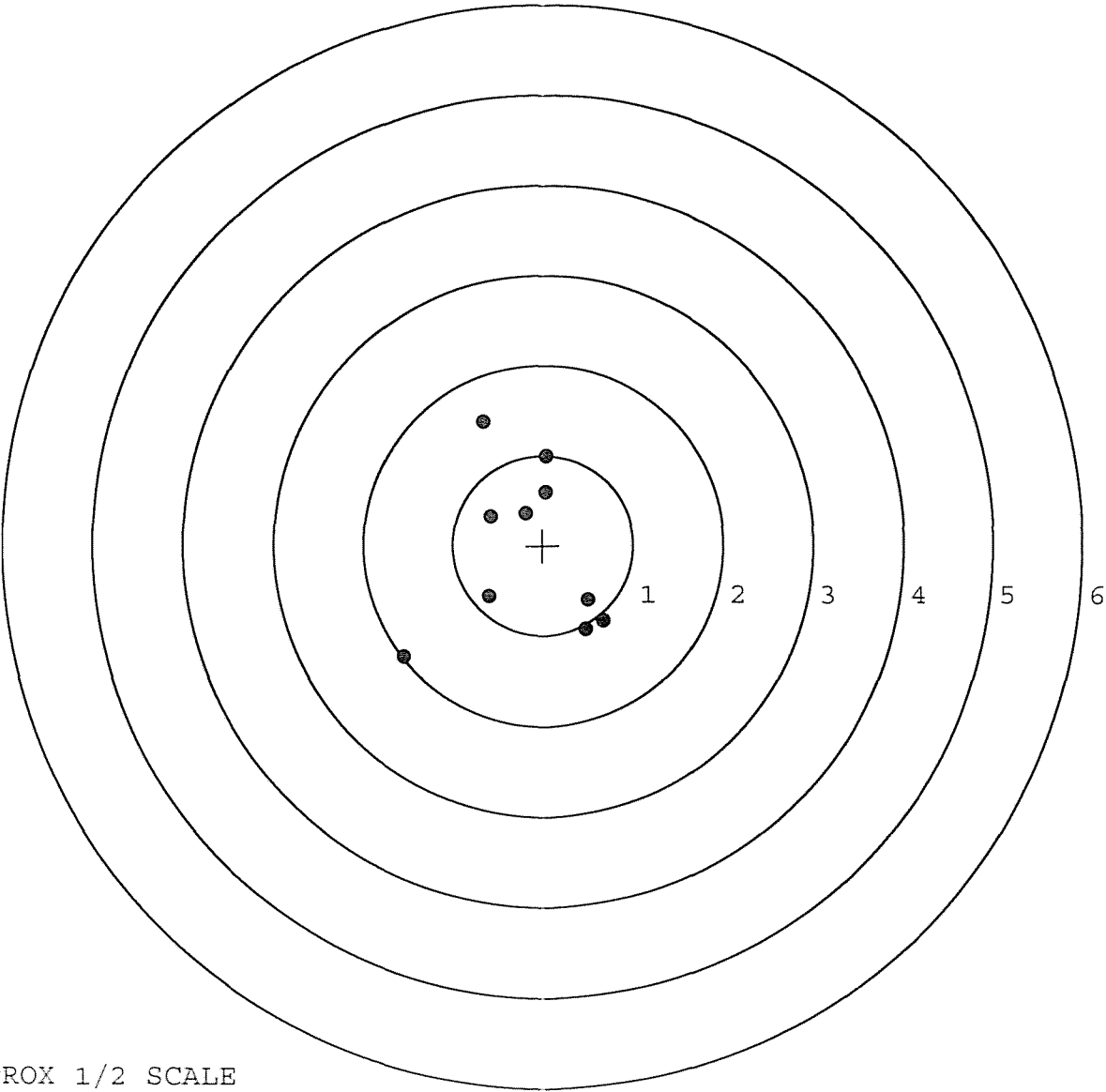


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236274. 0
TARGET NUMBER: 3
FILE DATE: 10/15/2007
FILE TIME: 14:39

X CENTROID: -0.188
Y CENTROID: -0.059
POA TO CENTROID: 0.197
HORZ SPREAD: 2.224
VERT SPREAD: 2.611
GROUP SPREAD: 2.759
MIN RADIUS: 0.413
MAX RADIUS: 1.808
MEAN RADIUS: 0.986
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.028	0.596
2:	-0.199	0.354
3:	0.038	0.999
4:	-0.582	0.315
5:	-0.664	1.368
6:	0.506	-0.616
7:	0.670	-0.847
8:	0.474	-0.945
9:	-0.597	-0.574
10:	-1.554	-1.243

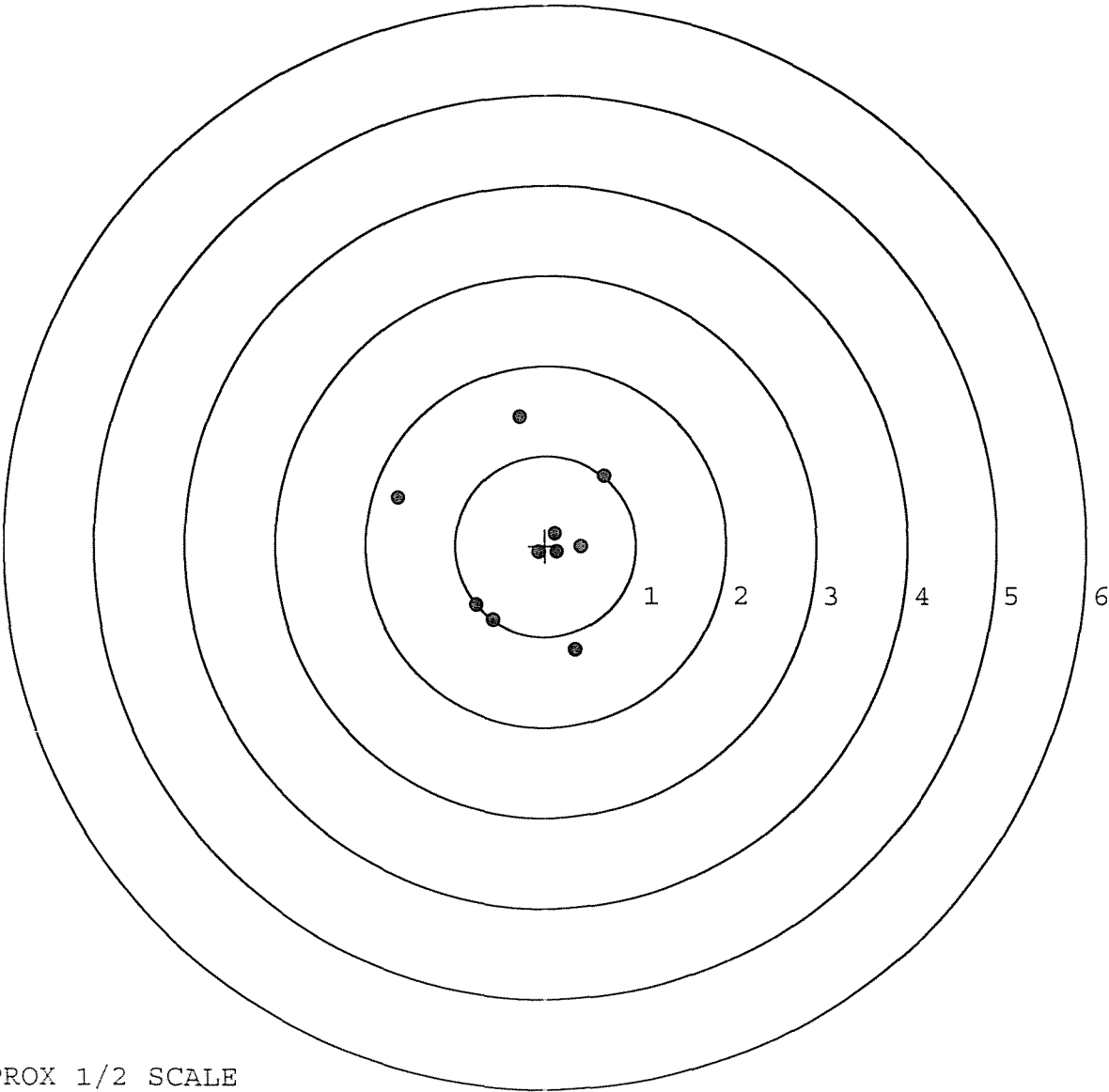


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236274. 0
TARGET NUMBER: 4
FILE DATE: 10/15/2007
FILE TIME: 14:39

X CENTROID: -0.175
Y CENTROID: 0.010
POA TO CENTROID: 0.175
HORZ SPREAD: 2.294
VERT SPREAD: 2.582
GROUP SPREAD: 2.595
MIN RADIUS: 0.128
MAX RADIUS: 1.561
MEAN RADIUS: 0.852
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.334	-1.148
2:	-0.582	-0.815
3:	-0.770	-0.657
4:	0.394	-0.016
5:	0.113	0.139
6:	-0.075	-0.070
7:	0.648	0.775
8:	-0.289	1.434
9:	-1.646	0.530
10:	0.128	-0.072

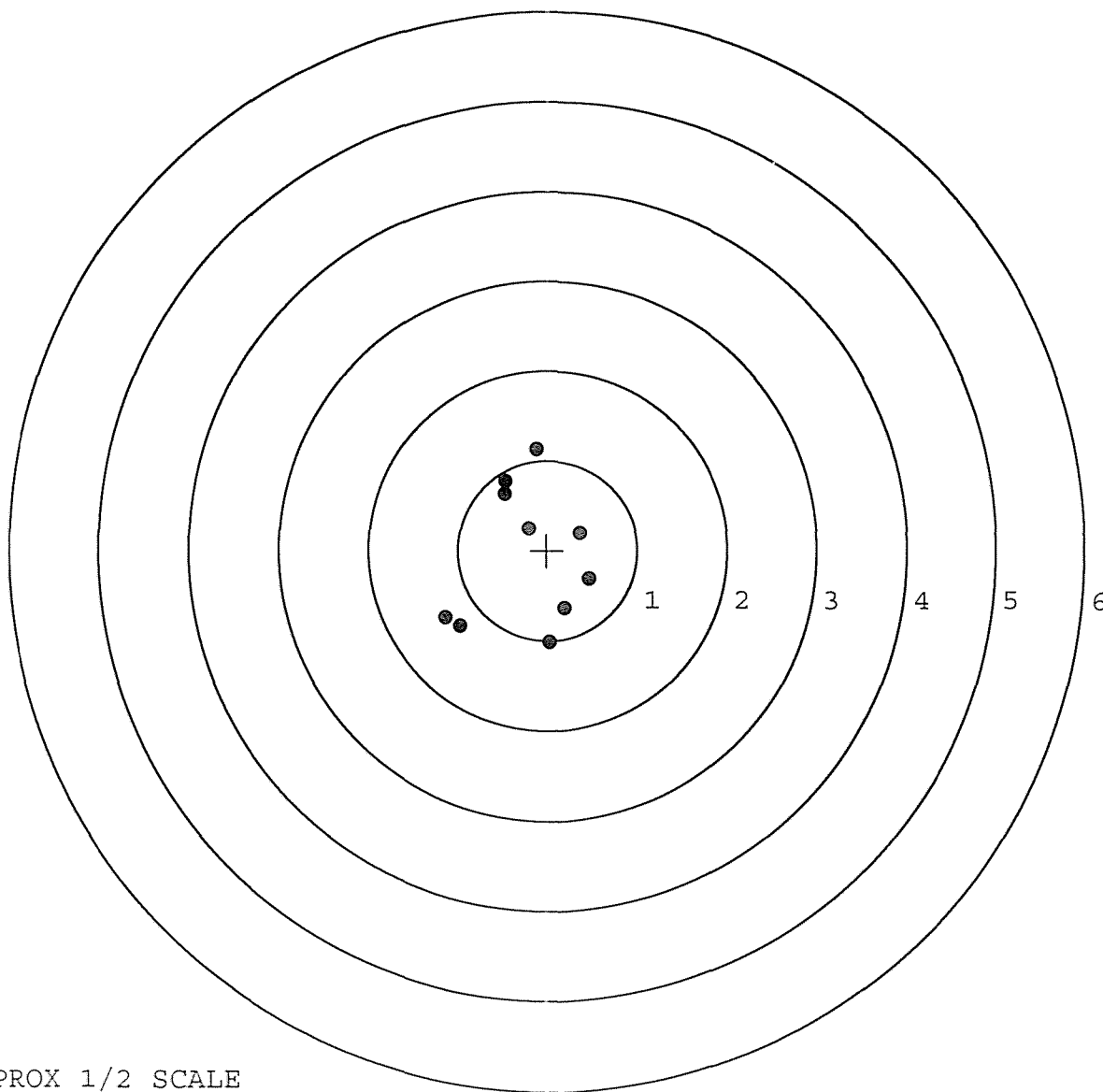


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236274. __0
TARGET NUMBER: 5
FILE DATE: 10/15/2007
FILE TIME: 14:39

X CENTROID: -0.234
Y CENTROID: -0.060
POA TO CENTROID: 0.241
HORZ SPREAD: 1.614
VERT SPREAD: 2.143
GROUP SPREAD: 2.148
MIN RADIUS: 0.305
MAX RADIUS: 1.187
MEAN RADIUS: 0.843
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.028	-1.022
2:	0.194	-0.641
3:	0.468	-0.314
4:	0.370	0.194
5:	-0.210	0.244
6:	-0.478	0.632
7:	-0.468	0.771
8:	-0.122	1.121
9:	-0.974	-0.840
10:	-1.146	-0.748



TARGET APPROX 1/2 SCALE

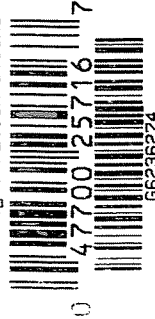
M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

- INSTRUCTION BOOK 3518

proof of purchase



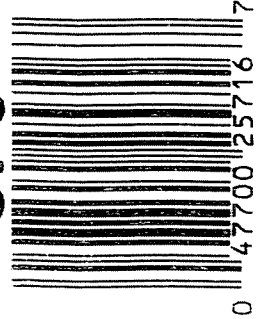
owner registration sticker



ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

G6236274

UPC



46 FORM

Remington®

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

Made in Ilion, NY Reg. U.S. Pat. & tm. Off. Marca Registrada Marque Déposée

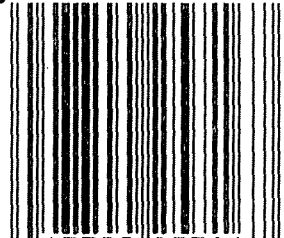


5716 66236274

ORDER 25716

M/24 7.62 NATO S.W.S. (COMPLETE SYST

UPC

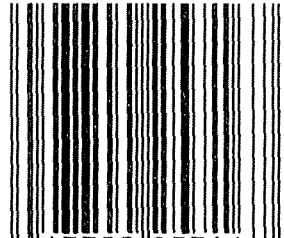


0 47700 25716 7

ORDER 25716

M/24 7.62 NATO S.W.S. (COMPLETE SYST

UPC



0 47700 25716 7

SERIAL NO.



66236274

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G623 6274

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		8/23/02	RL
600	PROOF		8-26-02	AK
607	CHECK HEADSPACE	MAGNA - FLUX INSPECTED	8-26-02	AK
610	DIS-ASSEMBLE GUN	AUG 26 2002	8/26/02	RL
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	OPERATOR <u>ARR</u>		
615	ROLLMARK CALIBER		8/27/02	RS
617	DRILL AND TAP SIGHT HOLES		8-28-02	AK
620	APPLY COATINGS (BARREL ACTION)		9-10	TA
	(BOLT)		9-10	TA
625	FINAL ASSEMBLY		9/12/02	DA
	A) CLEAN INSIDE OF BOLT ASSEMBLY			
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		9/12/02	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		9/12/02	DA
	D) OIL FIRING PIN ASSEMBLY		9/12/02	DA
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS			

OP #	OPERATION NAME	2 LBS MIN 10 LBS MAX	READINGS	DATE	INITIAL
625	F) SAFETY ON FORCE		<u>5.5</u> <u>5.0</u> <u>5.0</u>	10-1-02	DTA
CONT.					
	G) SAFETY OFF FORCE	2 LBS MIN	<u>3.0</u> <u>3.0</u> <u>3.0</u>	10-1-02	DTA
	H) TRIGGER PULL TEST AND RETAINABILITY				
	I) FIRING PIN INDENT	.020 MIN	<u>.022</u> <u>.021</u> <u>.021</u>	10-1-02	DTA
	J) ASSEMBLE STOCK			9-19-02	RW
	K) ASSEMBLE SWIVEL STUDS			11/23/02	RW
	L) ATTACH FRONT AND REAR SIGHT ASSY'S			10/15/02	RL
	M) IRON SIGHT ALIGNMENT			10/15/02	RL
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER			10/15/02	RL
640	GALLERY TEST AND TARGET		PASS FAIL	9-23-02	A
	MALFUNCTION		CORRECTION	9-23-02	A
	MALFUNCTION		CORRECTION	9-23-02	A
	MALFUNCTION		CORRECTION	9-23-02	A
	MALFUNCTION		CORRECTION	9-23-02	A
645	INSPECT FOR LIVE AMMO			9-23-02	A
655	FINAL INSPECTION A) HEADSPACE			11/20/02	RW
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>279</u> <u>272</u> <u>276</u> <u>274</u> <u>272</u>	10/4/02	RL
	C) FUNCTION			11/20/02	RW
660	PACK			11/29/02	DTA

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. C-6000018

DATE 9-13-02

TESTER TRW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.60	2.60		2.50	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2
PULL #2	2.52	2.45		2.39	
PULL #3	2.56	2.39		2.46	
PULL #4	2.35	2.51		2.46	
PULL #5	2.26	2.44		2.15	
TOTAL	12.29	12.39		11.96	
AVG.	2.45	2.47		2.39	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.38	3.12		
PULL #2	3.39	3.47		
PULL #3	3.21	3.45		
PULL #4	3.28	3.42		
PULL #5	3.21	3.35		
TOTAL	16.47	16.81		
AVG.	3.29	3.36		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURA
PULL #1	4.30	4.18		4.31
PULL #2	4.09	3.98		3.90
PULL #3	4.10	3.95		4.05
PULL #4	4.03	4.08		3.95
PULL #5	3.96	4.16		4.06
TOTAL	20.48	20.30		20.27
AVG.	4.09	4.06		4.05

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6236274.___0
FILE DATE AND TIME: 09/24/2002 .11:52

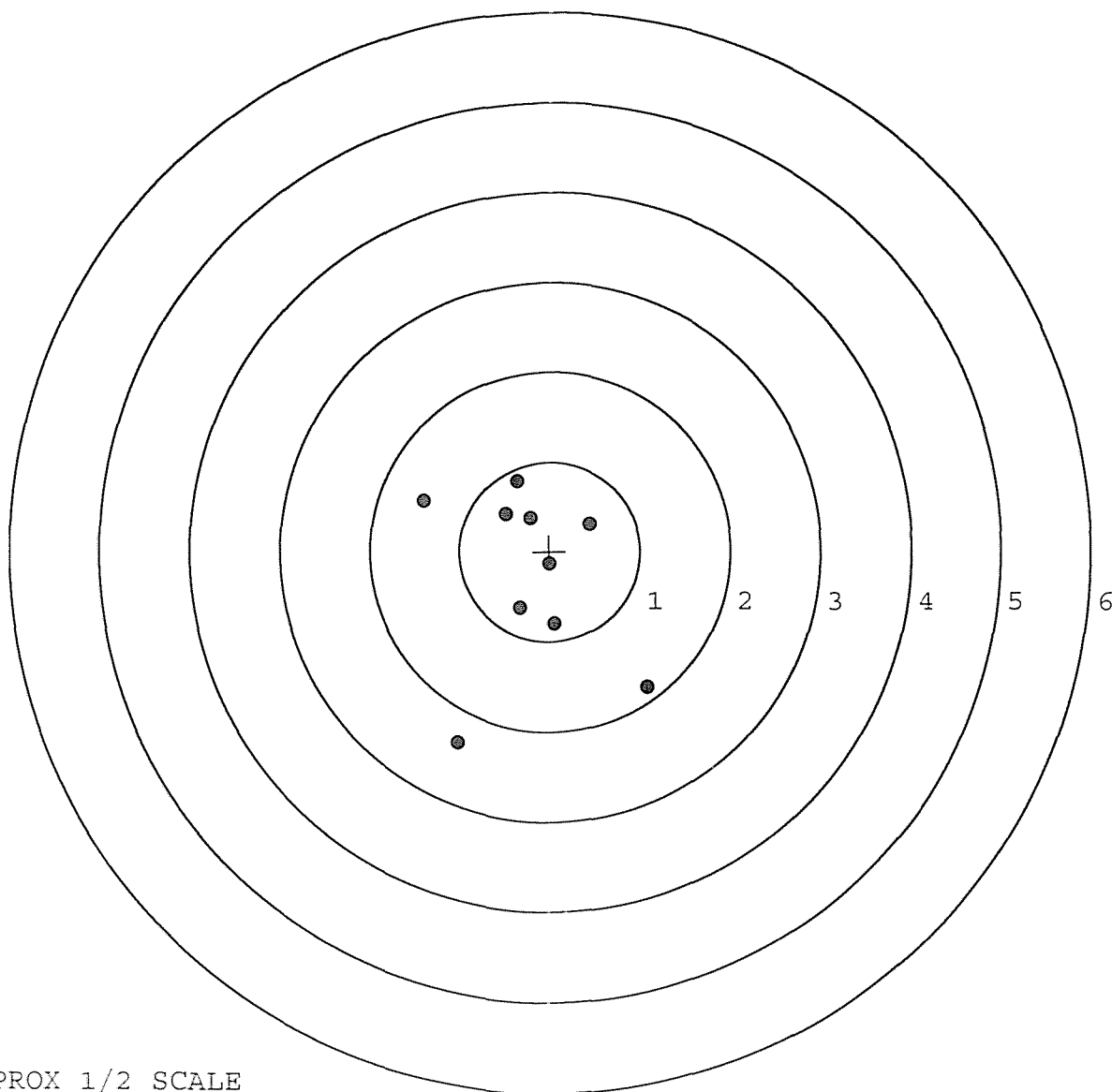
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.101
The Average Y Centroid of the Five Target Set:	-0.170
The Average Point of Impact of the Five Target Set:	0.198
The Average Mean Radius of the Five Target Set:	0.954
The Distance from POA to Centroid Target #1:	0.355
The Distance from Centroid Target #2 to Centroid Target #1:	0.345
The Distance from Centroid Target #3 to Centroid Target #1:	0.292
The Distance from Centroid Target #4 to Centroid Target #1:	0.242
The Distance from Centroid Target #5 to Centroid Target #1:	0.026

SERIAL NUMBER: G6236274. 0
TARGET NUMBER: 1
FILE DATE: 09/24/2002
FILE TIME: 11:52

X CENTROID: -0.223
Y CENTROID: -0.276
POA TO CENTROID: 0.355
HORZ SPREAD: 2.486
VERT SPREAD: 2.920
GROUP SPREAD: 2.990
MIN RADIUS: 0.255
MAX RADIUS: 2.013
MEAN RADIUS: 0.984
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.086	-1.511
2:	-1.009	-2.129
3:	0.057	-0.807
4:	-0.331	-0.627
5:	-0.006	-0.141
6:	0.444	0.303
7:	-0.365	0.791
8:	-1.400	0.562
9:	-0.491	0.425
10:	-0.215	0.378



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236274. __0

TARGET NUMBER: 2

FILE DATE: 09/24/2002

FILE TIME: 11:52

X CENTROID: 0.067

Y CENTROID: -0.088

POA TO CENTROID: 0.111

HORZ SPREAD: 2.309

VERT SPREAD: 3.998

GROUP SPREAD: 4.017

MIN RADIUS: 0.169

MAX RADIUS: 2.380

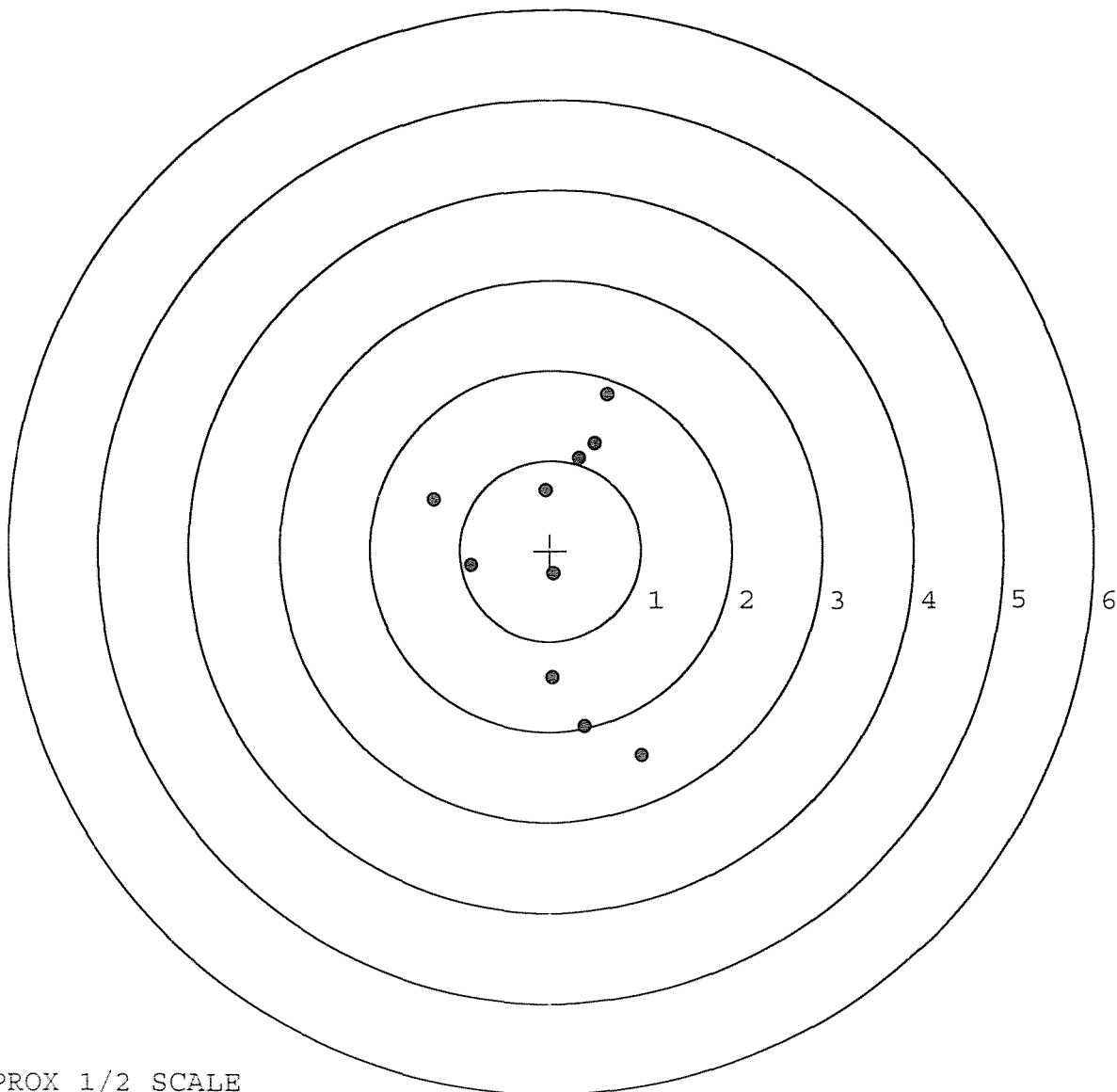
MEAN RADIUS: 1.336

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 3

in 3 IN DIAMETER: 6

POINT#	X	Y
1:	1.014	-2.272
2:	0.385	-1.951
3:	0.033	-1.401
4:	-0.880	-0.168
5:	0.037	-0.255
6:	-1.295	0.564
7:	-0.055	0.669
8:	0.315	1.024
9:	0.493	1.181
10:	0.624	1.726

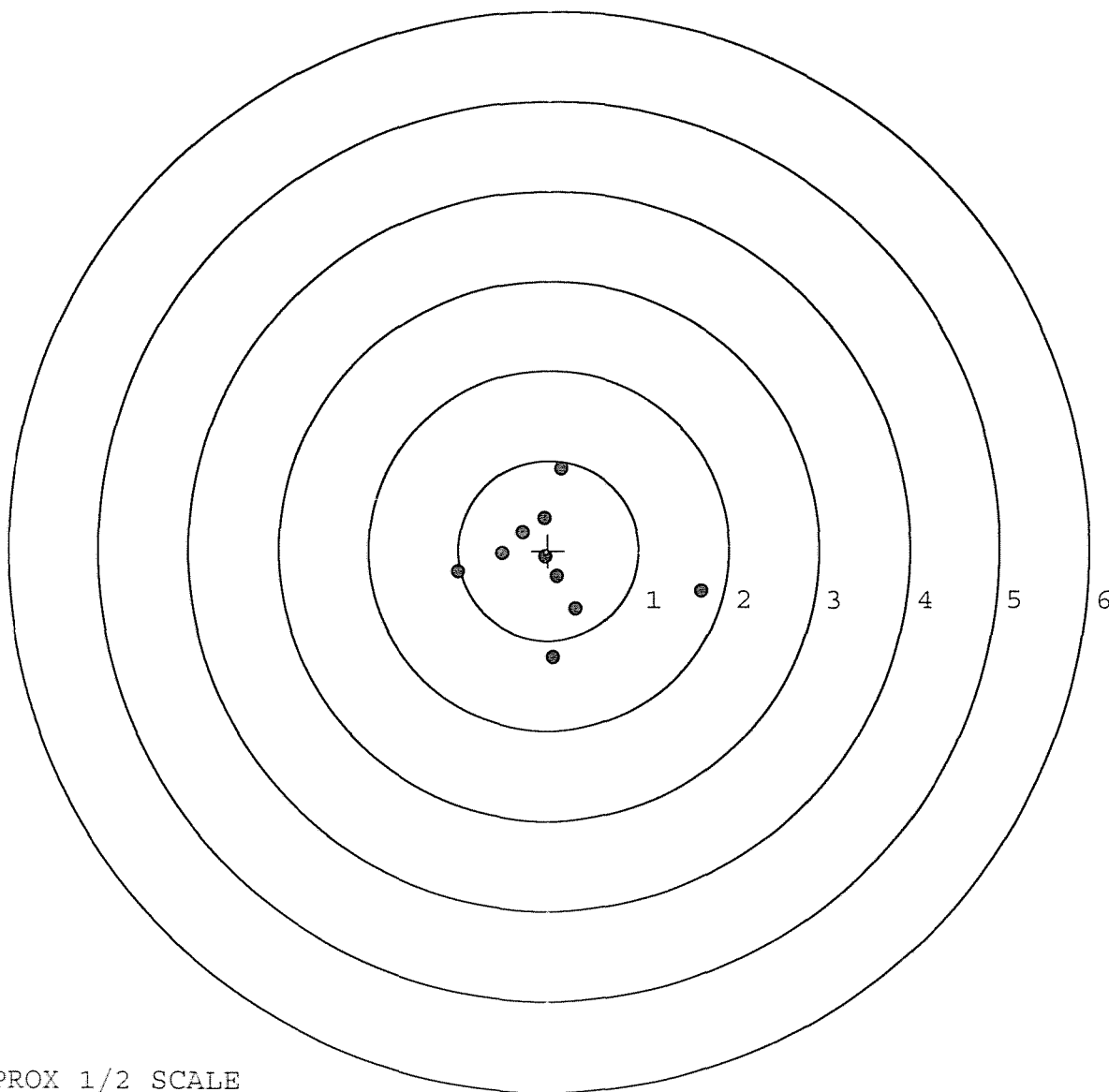


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236274. __0
TARGET NUMBER: 3
FILE DATE: 09/24/2002
FILE TIME: 11:52

X CENTROID: 0.040
Y CENTROID: -0.148
POA TO CENTROID: 0.153
HORZ SPREAD: 2.691
VERT SPREAD: 2.099
GROUP SPREAD: 2.700
MIN RADIUS: 0.108
MAX RADIUS: 1.677
MEAN RADIUS: 0.722
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

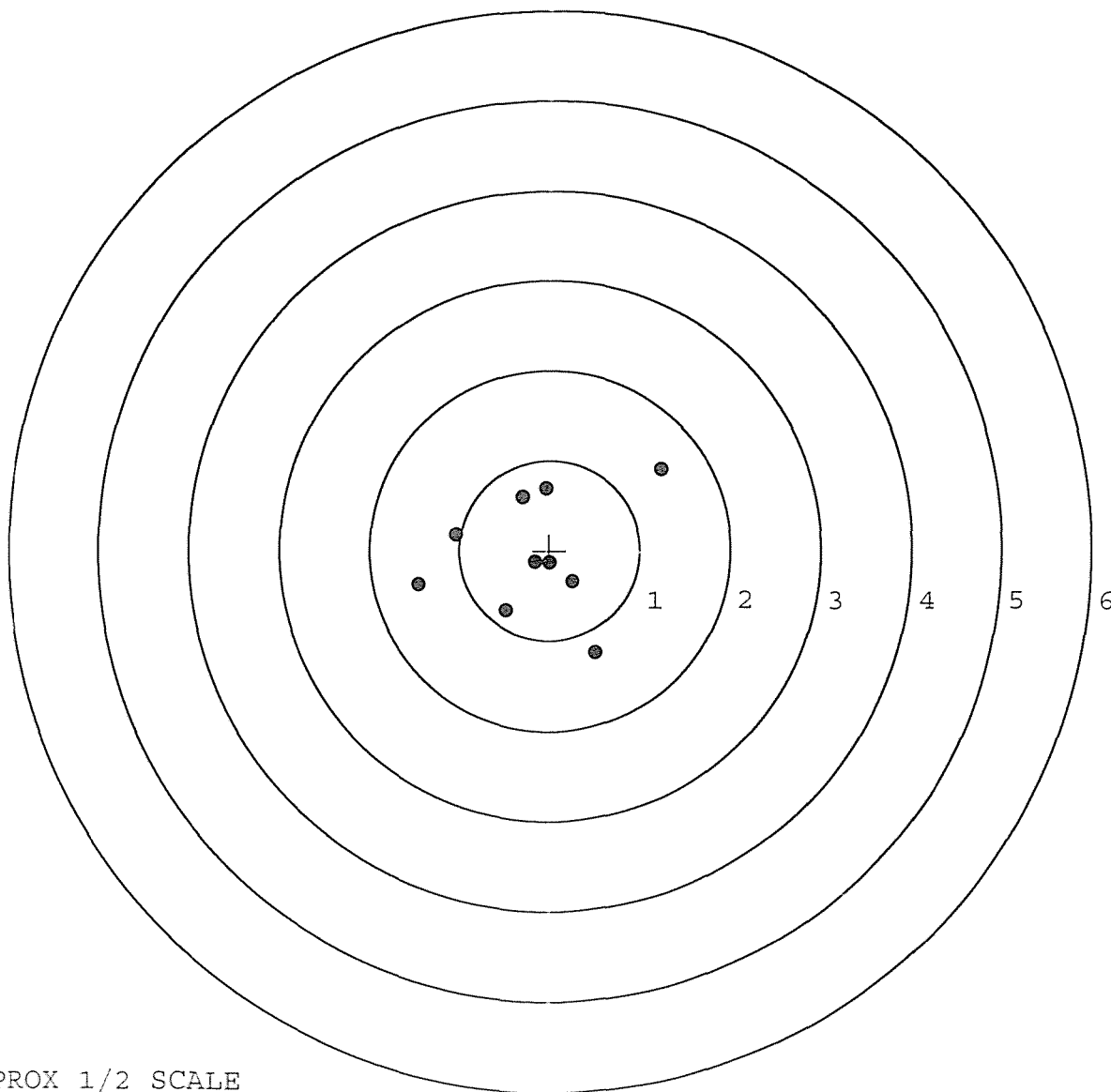
POINT#	X	Y
1:	1.687	-0.464
2:	0.058	-1.190
3:	0.300	-0.659
4:	0.099	-0.288
5:	-1.004	-0.242
6:	-0.513	-0.038
7:	-0.286	0.205
8:	-0.051	0.361
9:	0.142	0.909
10:	-0.034	-0.069



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236274. 0
TARGET NUMBER: 4
FILE DATE: 09/24/2002
FILE TIME: 11:52

		POINT#	X	Y
X CENTROID:	-0.149	1:	0.518	-1.145
Y CENTROID:	-0.045	2:	0.258	-0.352
POA TO CENTROID:	0.156	3:	-0.166	-0.129
HORZ SPREAD:	2.686	4:	-0.483	-0.673
VERT SPREAD:	2.047	5:	1.228	0.902
GROUP SPREAD:	2.977	6:	-0.046	0.688
MIN RADIUS:	0.086	7:	-0.303	0.598
MAX RADIUS:	1.671	8:	-1.039	0.178
MEAN RADIUS:	0.811	9:	-1.458	-0.381
# IN 1 IN DIAMETER:	2	10:	-0.003	-0.134
# IN 2 IN DIAMETER:	7			
# in 3 IN DIAMETER:	9			

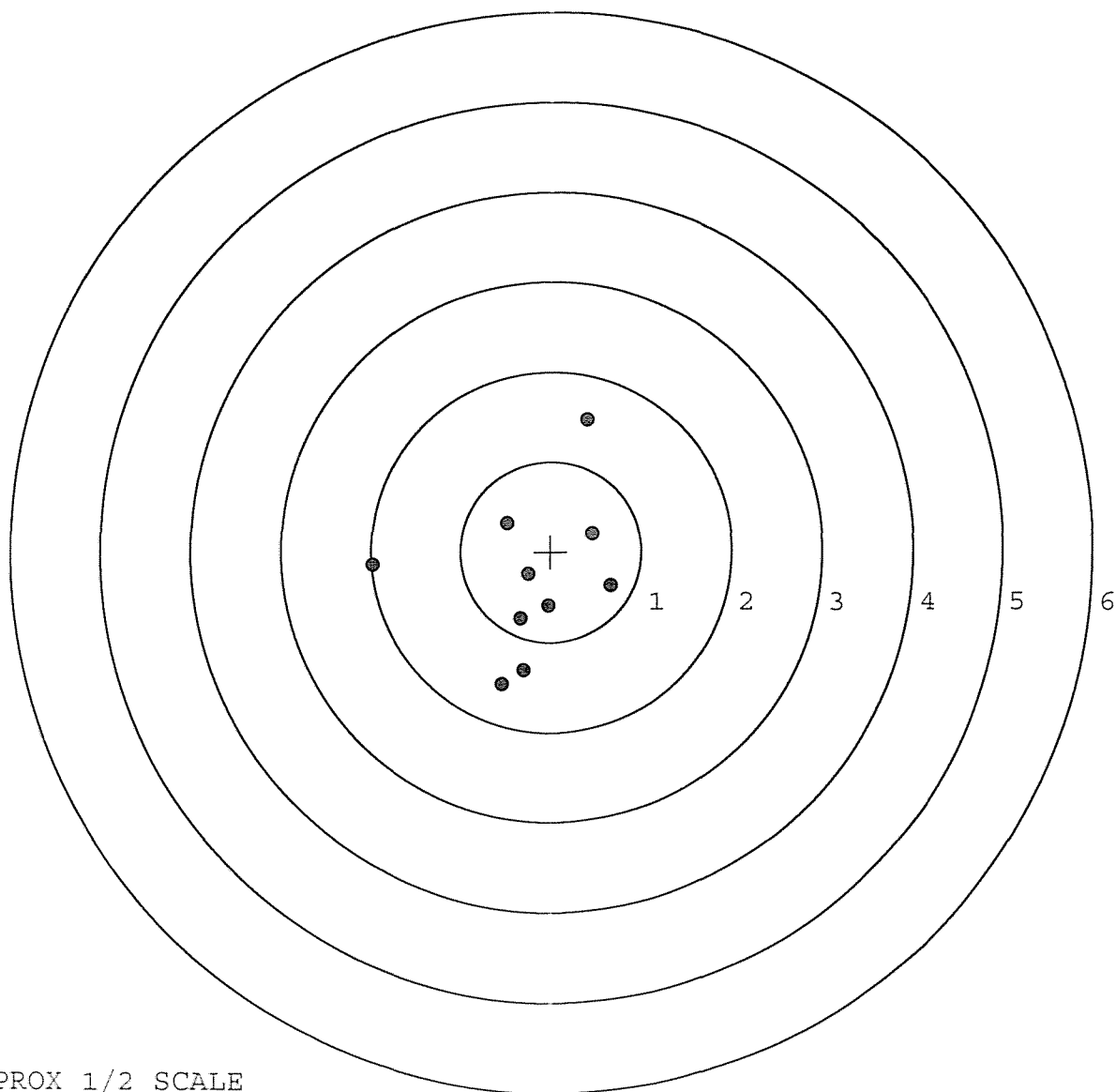


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236274. __0
TARGET NUMBER: 5
FILE DATE: 09/24/2002
FILE TIME: 11:52

X CENTROID: -0.241
Y CENTROID: -0.295
POA TO CENTROID: 0.381
HORZ SPREAD: 2.644
VERT SPREAD: 2.935
GROUP SPREAD: 3.084
MIN RADIUS: 0.044
MAX RADIUS: 1.873
MEAN RADIUS: 0.916
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	-0.545	-1.470
2:	-0.305	-1.314
3:	0.662	-0.380
4:	0.463	0.195
5:	-0.487	0.314
6:	0.401	1.465
7:	-1.982	-0.154
8:	-0.252	-0.252
9:	-0.030	-0.605
10:	-0.338	-0.744



TARGET APPROX 1/2 SCALE