

G 657 7237

Rep Head

G 628 5970

Repair Inquiry

Repair Number: RE00113215 Serial: G6285970 Model M24 SW5 Center Fire
 Verify Repair Caliber: 7.62 NATO Produced: 12/17/2003 Repairman: Status: Closed 6/5/2006 1:21:20 PM

Address Information

Customer: Received From Return To: Received From
 Name: NATIONAL GUARD MARKSMANSHIP TNG UNIT
 Address 1: BLDG 4900 CAMP J T ROBINSON
 Address 2: ATTN TSGT SEAN WALLACE PO Box:
 City: NORTH LITTLE ROCK
 State: AR Zip Code: 72199 Country: US
 State: AR Zip Code: 72199 Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NA
 Fax:
 Email:
 Comments:

Received Condition

Fair
 Condition Notes:
 CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A017	Scope Base	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj 6/6/2006 7:38 AM CAPS NUM INS SCRL



Arms Services Repair ...

Part Search by Materi...

2 Microsoft Office O...



7:38 AM

G 6577237

~~G6285970~~

Model: M24 SWS



RE00113215

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6577237.___0

FILE DATE AND TIME: 07/20/2006 08:38

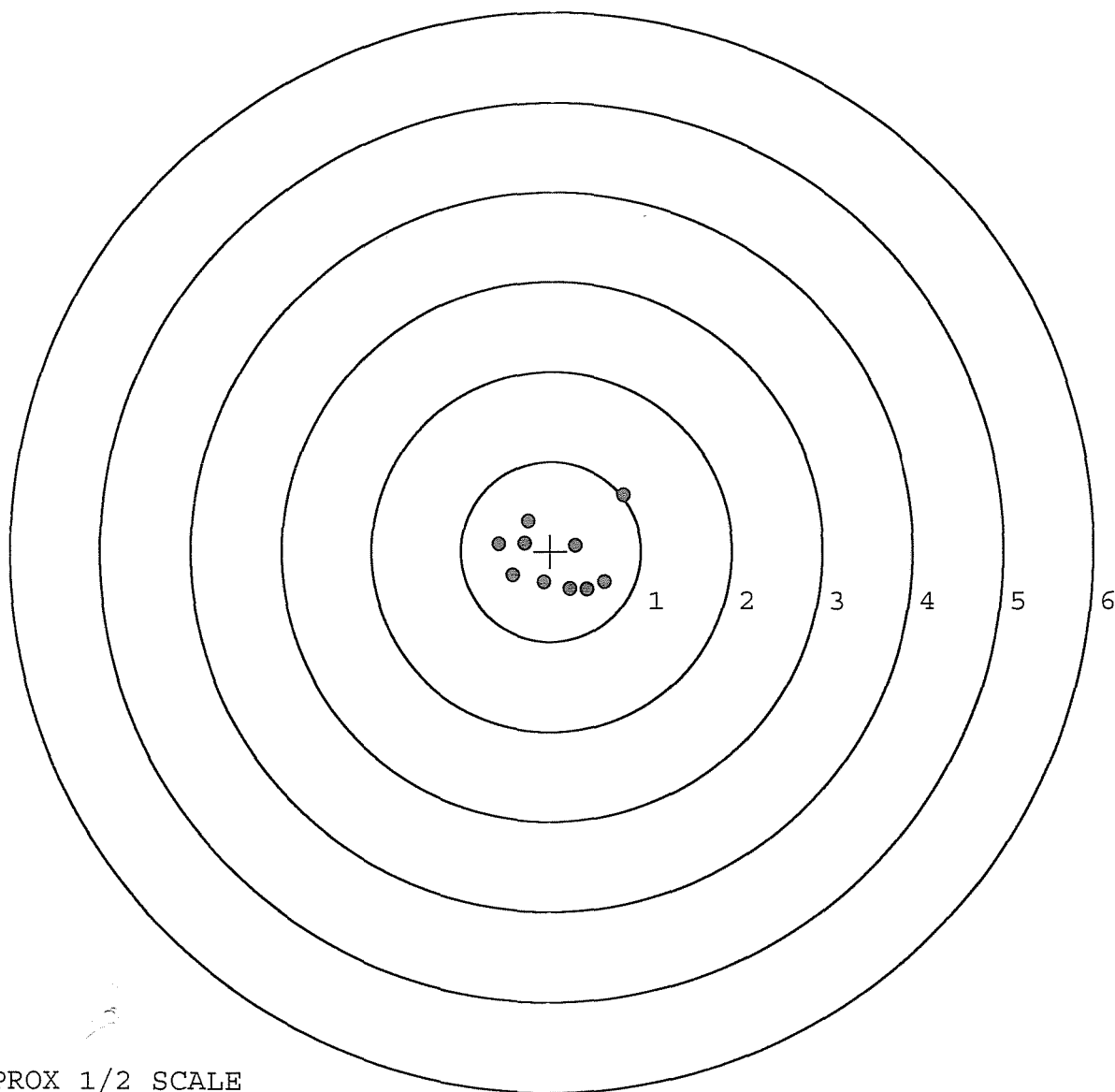
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.094
The Average Y Centroid of the Five Target Set:	0.083
The Average Point of Impact of the Five Target Set:	0.126
The Average Mean Radius of the Five Target Set:	0.839
The Distance from POA to Centroid Target #1:	0.093
The Distance from Centroid Target #2 to Centroid Target #1:	0.566
The Distance from Centroid Target #3 to Centroid Target #1:	0.041
The Distance from Centroid Target #4 to Centroid Target #1:	0.159
The Distance from Centroid Target #5 to Centroid Target #1:	0.177

SERIAL NUMBER: G6577237. __0
TARGET NUMBER: 1
FILE DATE: 07/20/2006
FILE TIME: 08:38

POINT#	X	Y
1:	0.805	0.629
2:	0.600	-0.343
3:	0.278	0.065
4:	0.406	-0.428
5:	0.218	-0.421
6:	-0.074	-0.351
7:	-0.425	-0.278
8:	-0.288	0.088
9:	-0.574	0.076
10:	-0.254	0.336

X CENTROID: 0.069
Y CENTROID: -0.063
POA TO CENTROID: 0.093
HORZ SPREAD: 1.379
VERT SPREAD: 1.057
GROUP SPREAD: 1.528
MIN RADIUS: 0.245
MAX RADIUS: 1.010
MEAN RADIUS: 0.516
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

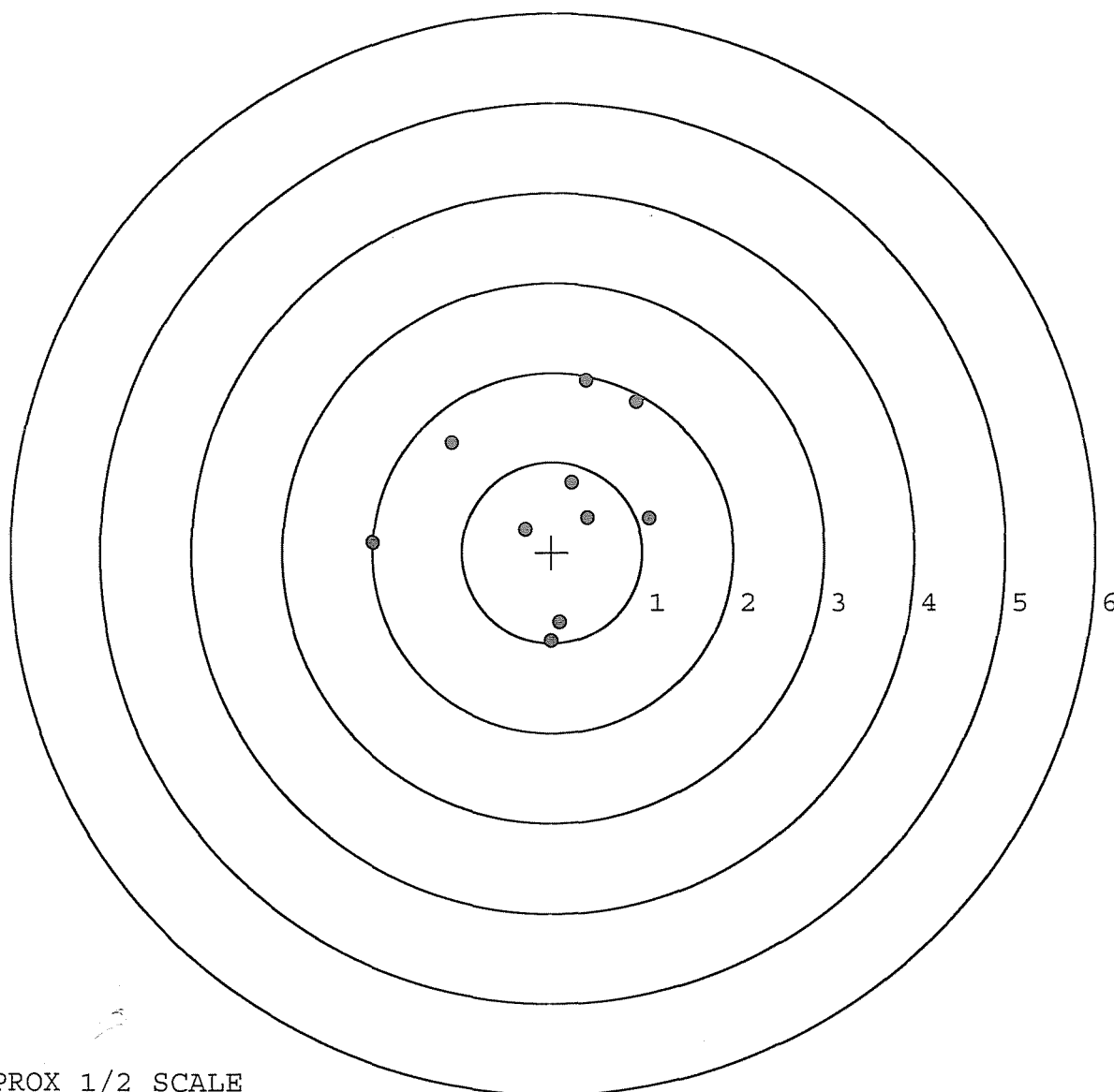


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577237. 0
TARGET NUMBER: 2
FILE DATE: 07/20/2006
FILE TIME: 08:38

X CENTROID: -0.036
Y CENTROID: 0.493
POA TO CENTROID: 0.494
HORZ SPREAD: 3.068
VERT SPREAD: 2.900
GROUP SPREAD: 3.318
MIN RADIUS: 0.359
MAX RADIUS: 2.001
MEAN RADIUS: 1.134
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 3
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.069	0.377
2:	0.923	1.677
3:	0.368	1.917
4:	0.218	0.772
5:	0.393	0.381
6:	-0.303	0.253
7:	-1.117	1.208
8:	-1.999	0.105
9:	0.002	-0.983
10:	0.090	-0.776

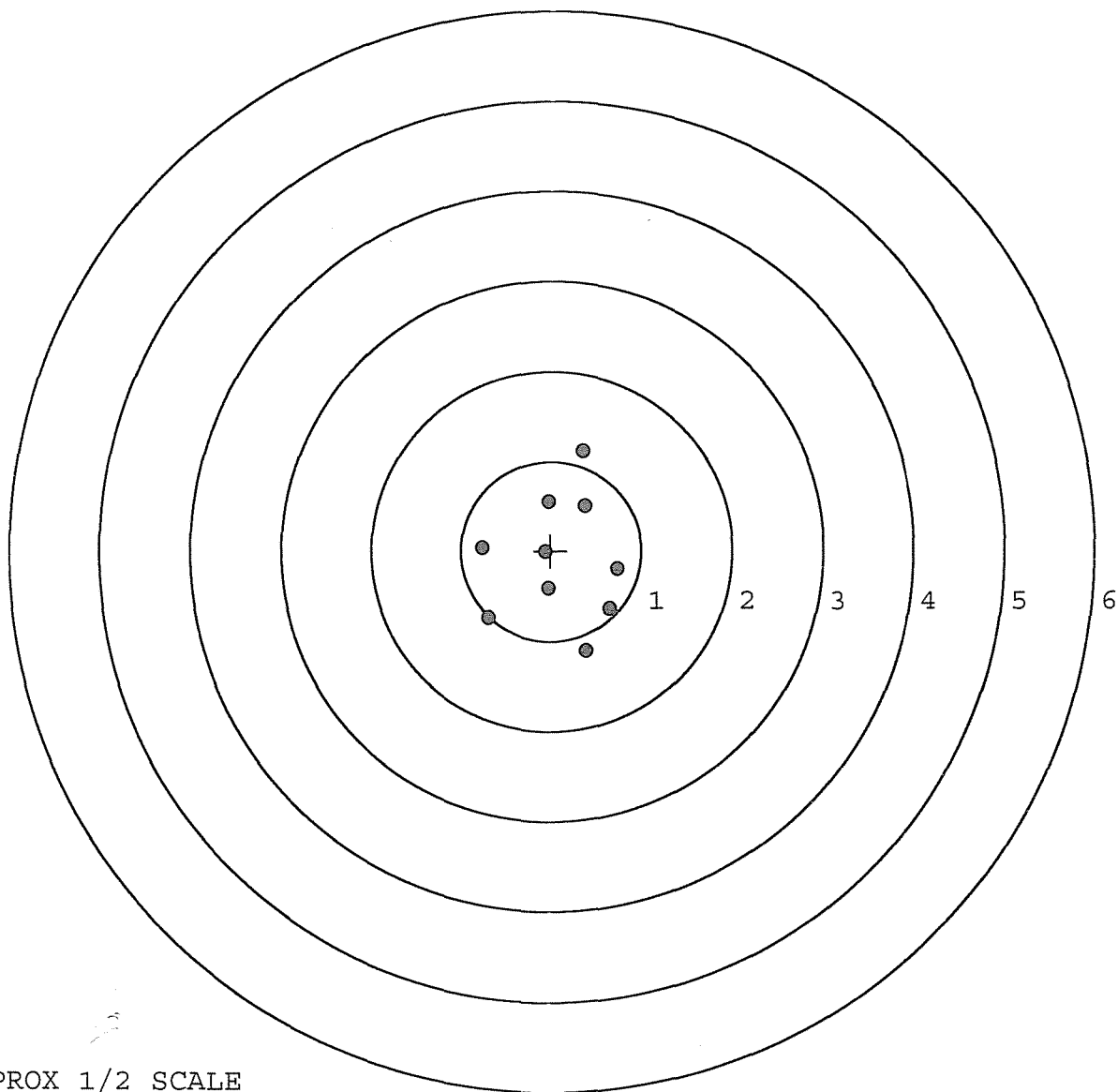


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577237. __0
TARGET NUMBER: 3
FILE DATE: 07/20/2006
FILE TIME: 08:38

X CENTROID: 0.093
Y CENTROID: -0.096
POA TO CENTROID: 0.134
HORZ SPREAD: 1.502
VERT SPREAD: 2.232
GROUP SPREAD: 2.232
MIN RADIUS: 0.177
MAX RADIUS: 1.242
MEAN RADIUS: 0.748
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.739	-0.204
2:	0.649	-0.645
3:	0.397	-1.113
4:	-0.028	-0.426
5:	-0.066	-0.018
6:	0.376	0.506
7:	-0.032	0.548
8:	0.352	1.119
9:	-0.763	0.030
10:	-0.692	-0.753



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577237. __0

TARGET NUMBER: 4

FILE DATE: 07/20/2006

FILE TIME: 08:38

X CENTROID: 0.224

Y CENTROID: -0.025

POA TO CENTROID: 0.225

HORZ SPREAD: 2.288

VERT SPREAD: 2.170

GROUP SPREAD: 2.407

MIN RADIUS: 0.309

MAX RADIUS: 1.478

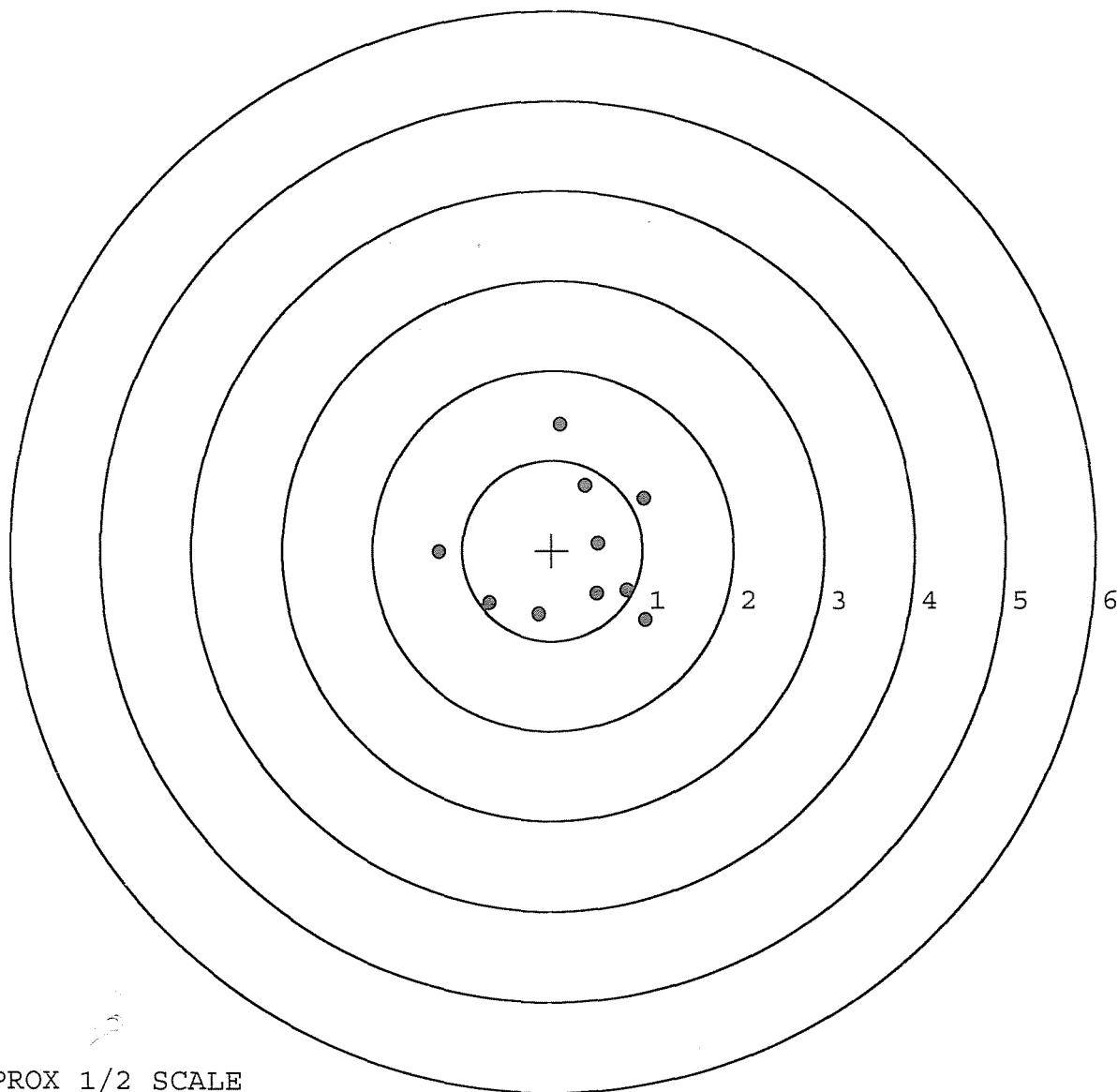
MEAN RADIUS: 0.918

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.007	0.577
2:	0.365	0.717
3:	0.084	1.397
4:	0.513	0.084
5:	0.494	-0.480
6:	0.832	-0.440
7:	1.034	-0.773
8:	-0.142	-0.709
9:	-0.695	-0.593
10:	-1.254	-0.027



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577237. 0

TARGET NUMBER: 5

FILE DATE: 07/20/2006

FILE TIME: 08:38

X CENTROID: 0.120

Y CENTROID: 0.107

POA TO CENTROID: 0.161

HORZ SPREAD: 1.918

VERT SPREAD: 2.413

GROUP SPREAD: 2.464

MIN RADIUS: 0.309

MAX RADIUS: 1.415

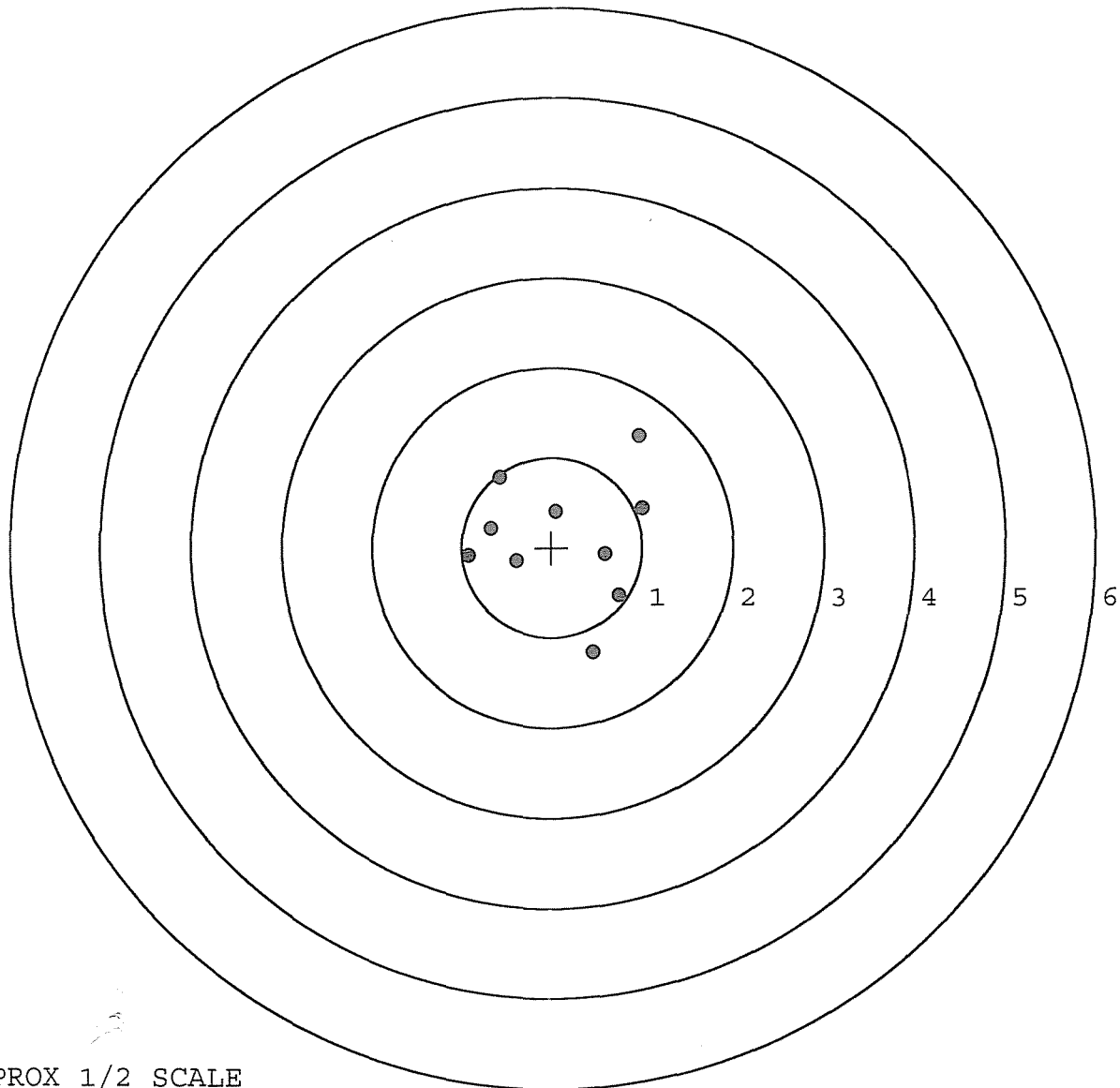
MEAN RADIUS: 0.879

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.959	1.246
2:	0.997	0.445
3:	0.587	-0.072
4:	0.741	-0.529
5:	0.460	-1.167
6:	0.040	0.405
7:	-0.584	0.780
8:	-0.686	0.211
9:	-0.390	-0.155
10:	-0.921	-0.095



TARGET APPROX 1/2 SCALE

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 6-8-06

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.59	2.64		2.50	
PULL #2	2.53	2.50		2.49	
PULL #3	2.63	2.42		2.46	
PULL #4	2.44	2.47		2.50	
PULL #5	2.55	2.56		2.50	
TOTAL	12.74	12.59		12.45	
AVERAGE	2.54	2.51		2.49	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	319	301		
PULL #2	304	312		
PULL #3	300	305		
PULL #4	299	311		
PULL #5	311	298		
TOTAL	15.33	15.27		
AVERAGE	306	305		

	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	4.02	4.03		4.02
PULL #2	4.06	4.02		4.04
PULL #3	4.12	4.05		4.01
PULL #4	4.07	4.07		4.07
PULL #5	4.18	4.03		4.00
TOTAL	20.45	20.20		20.14
AVERAGE	4.09	4.04		4.02

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

R & E NUMBER	113215	National Guard		
SERIAL NUMBER	66285970	G 6577237		
LOG-IN DATE	6-5-06			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		6-26-06	A
505	RE-BARREL		6-26-06	A
560	ASSEMBLE		6-30-06	AC
600	PROOF	MAGNA-FLUX INSPECTED	7-5-06	WIM
605	CHECK HEADSPACE		7-5-06	WIM
610	DIS-ASSEMBLE GUN	JUL 06 2006	7-5-06	AC
612	MAGNAFLUX	OPERATOR <i>WIM</i>	7/6/06	WIM
510	DRILL AND TAP		7-6-06	TRW
615	ROLLMARK CALIBER		7-7-06	CW
618	ROTO-BLAST		7-7-06	CB
620	APPLY COATINGS		7/7	W
625	FINAL ASSEMBLY		7-19-06	P.A.D.
640	FUNCTION TEST AND	PASS FAIL	7-20-06	TRW
650	TARGET	PASS FAIL	7-20-06	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		7-20-06	CB
	A) HEADSPACE	PASS FAIL	8-2-06	ETZ
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.36 2.63 2.47 2.62 2.55 8206	RA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	6.5 6.5 6.2 8206	RA
	G) SAFETY OFF FORCE	2 LBS MIN	3.2 2.5 3.2 8206	RA
	I) FIRING PIN INDENT	.020	.024 .024 .024 8206	RA
690	PACK		8206	RA

Remington®

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

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



5716 66285970

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.



66285970

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



DD FORM

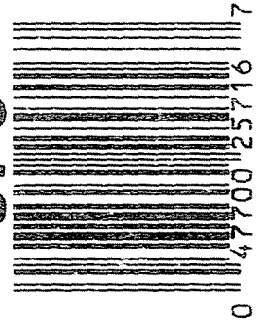
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6285970

UPC



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6285970

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		11-6-03	RTL
600	PROOF		11-6-03	RTL
607	CHECK HEADSPACE		11-6-03	RTL
610	DIS-ASSEMBLE GUN		11-7-03	RTL
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	BS	11-7-03	
615	ROLLMARK CALIBER		11-10-03	JS
617	DRILL AND TAP SIGHT HOLES		11-7-03	TRLW
620	APPLY COATINGS (BARREL ACTION)			
	(BOLT)			TA
625	FINAL ASSEMBLY			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		11-19-03	RTL
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		11-19-03	RTL
	C) INSPECT EJECTOR HOLE FOR CHAMFER		11-19-03	RTL
	D) OIL FIRING PIN ASSEMBLY		11-19-03	RTL
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		11-19-03	RTL

STATION #	OPERATION NAME	READING	DATE	INITIALS
625	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>8⁰</u> <u>8⁰</u> <u>7.75</u>	12-9-03	RTL
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>2⁰</u> <u>2⁰</u> <u>2⁰</u>	12-9-03	RTL
	H) TRIGGER PULL TEST AND RETAINABILITY		12-9-03	RTL
	I) FIRING PIN INDENT .020 MIN	<u>.023</u> <u>.024</u> <u>.024</u>	12-9-03	RTL
	J) ASSEMBLE STOCK		11-20-03	RTL
	K) ASSEMBLE SWIVEL STUDS		12-10-03	RTL
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		11-20-03	RTL
	M) IRON SIGHT ALIGNMENT		11-20-03	RTL
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		11-20-03	RTL
640	GALLERY TEST AND TARGET	PASS FAIL	12-7-03	TRW
	MALFUNCTION	CORRECTION	12-7-03	TRW
	MALFUNCTION	CORRECTION	12-7-03	TRW
	MALFUNCTION	CORRECTION	12-7-03	TRW
	MALFUNCTION	CORRECTION	12-7-03	TRW
645	INSPECT FOR LIVE AMMO		12-7-03	TRW
655	FINAL INSPECTION A) HEADSPACE		12-16-03	RTL
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.44</u> <u>2.37</u> <u>2.40</u> <u>2.42</u> <u>2.35</u>	12-9-03	RTL
	C) FUNCTION		12-10-03	RTL
660	PACK		3/14/03	SA

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

11-19-03

TESTER

TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.72	2.51		2.69	
PULL #2	2.67	2.86		2.59	
PULL #3	2.73	2.36		2.48	
PULL #4	2.46	2.71		2.50	
PULL #5	2.37	2.64		2.23	
TOTAL	12.95	13.08		12.49	
AVERAGE	2.59	2.61		2.49	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.30	3.26		
PULL #2	3.26	3.24		
PULL #3	3.56	3.43		
PULL #4	3.44	3.52		
PULL #5	3.56	3.33		
TOTAL	17.12	16.78		
AVERAGE	3.42	3.35		

	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	3.85	4.10		3.85
PULL #2	4.26	3.79		3.53
PULL #3	4.25	3.91		3.60
PULL #4	3.98	4.03		3.73
PULL #5	4.04	3.85		3.73
TOTAL	20.38	19.68		18.44
AVERAGE	4.07	3.93		3.68

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6285970.___0
FILE DATE AND TIME: 12/07/2003 08:11

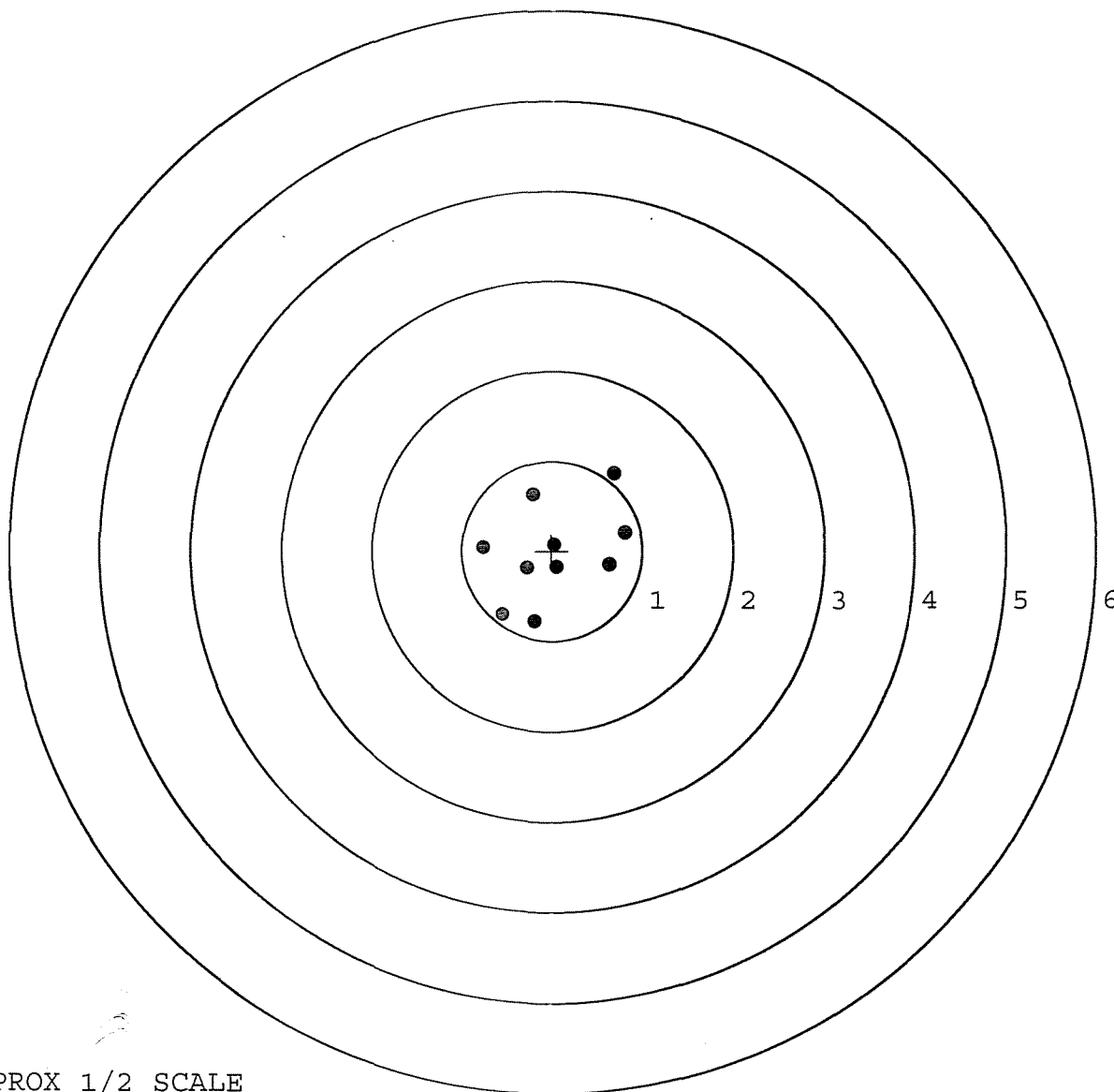
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.050
The Average Y Centroid of the Five Target Set:	0.023
The Average Point of Impact of the Five Target Set:	0.055
The Average Mean Radius of the Five Target Set:	0.777
The Distance from POA to Centroid Target #1:	0.031
The Distance from Centroid Target #2 to Centroid Target #1:	0.106
The Distance from Centroid Target #3 to Centroid Target #1:	0.306
The Distance from Centroid Target #4 to Centroid Target #1:	0.251
The Distance from Centroid Target #5 to Centroid Target #1:	0.076

SERIAL NUMBER: G6285970. __0
TARGET NUMBER: 1
FILE DATE: 12/07/2003
FILE TIME: 08:11

X CENTROID: 0.020
Y CENTROID: -0.024
POA TO CENTROID: 0.031
HORZ SPREAD: 1.565
VERT SPREAD: 1.658
GROUP SPREAD: 2.008
MIN RADIUS: 0.095
MAX RADIUS: 1.111
MEAN RADIUS: 0.633
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.197	-0.793
2:	-0.548	-0.719
3:	-0.764	0.037
4:	-0.276	-0.197
5:	0.054	-0.182
6:	0.028	0.071
7:	0.634	-0.154
8:	0.801	0.204
9:	-0.215	0.628
10:	0.686	0.865

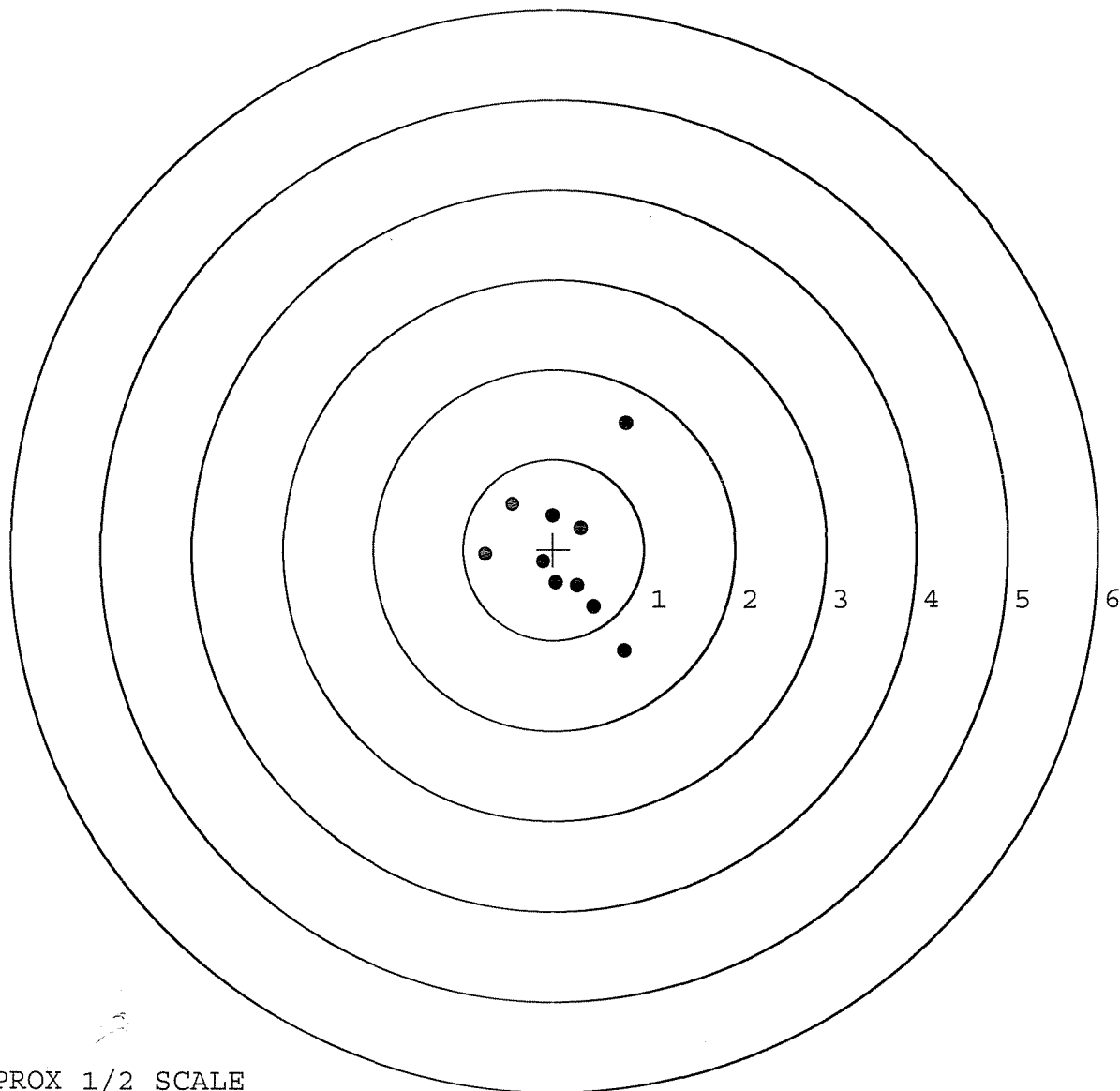


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6285970.____0
TARGET NUMBER: 2
FILE DATE: 12/07/2003
FILE TIME: 08:11

X CENTROID: 0.126
Y CENTROID: -0.021
POA TO CENTROID: 0.128
HORZ SPREAD: 1.559
VERT SPREAD: 2.530
GROUP SPREAD: 2.530
MIN RADIUS: 0.269
MAX RADIUS: 1.578
MEAN RADIUS: 0.700
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.784	-1.124
2:	0.445	-0.639
3:	0.260	-0.405
4:	0.032	-0.369
5:	-0.115	-0.139
6:	0.294	0.234
7:	-0.015	0.377
8:	-0.462	0.505
9:	-0.760	-0.056
10:	0.799	1.406

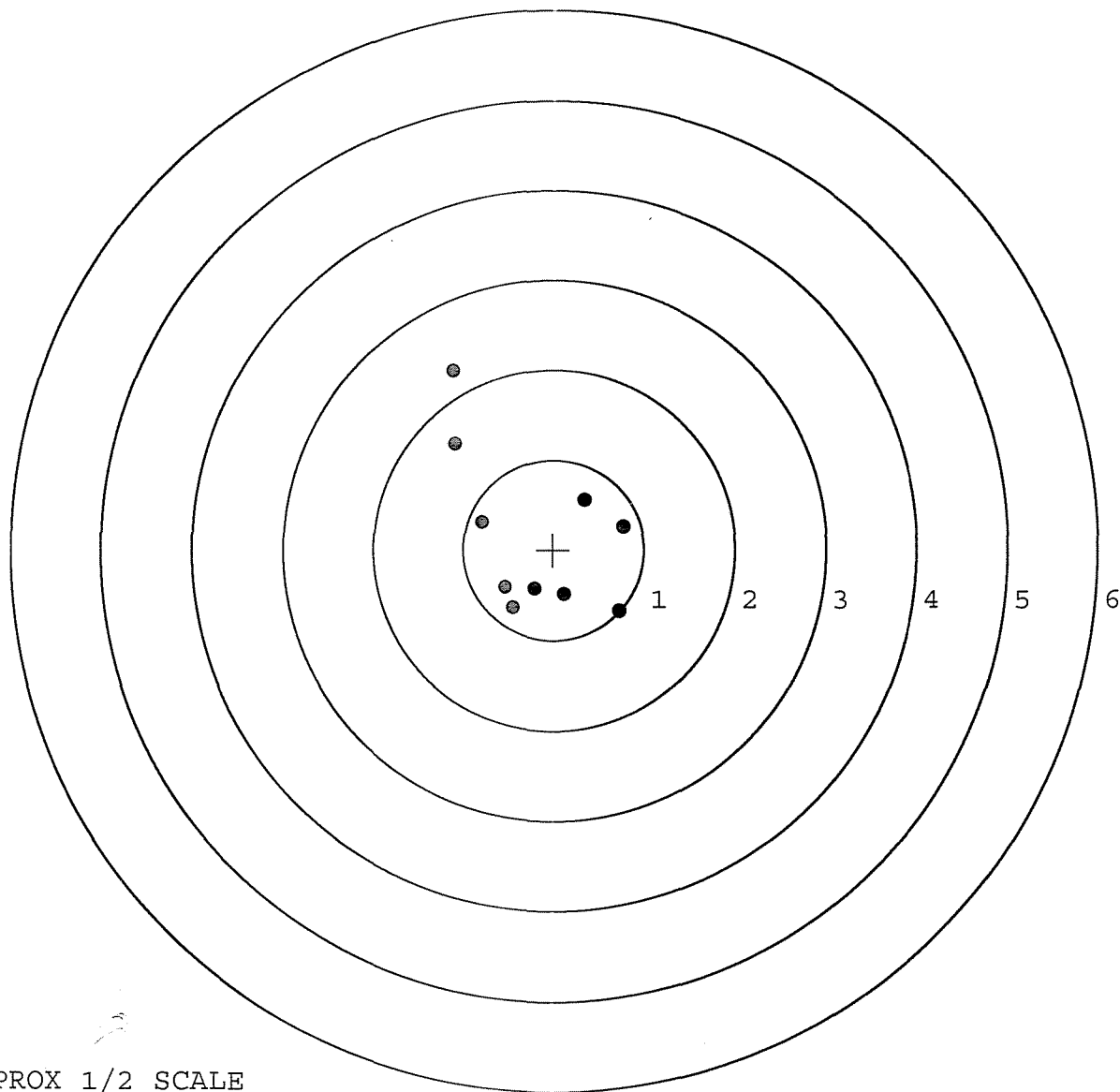


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6285970. __0
TARGET NUMBER: 3
FILE DATE: 12/07/2003
FILE TIME: 08:11

X CENTROID: -0.225
Y CENTROID: 0.159
POA TO CENTROID: 0.275
HORZ SPREAD: 1.893
VERT SPREAD: 2.667
GROUP SPREAD: 3.250
MIN RADIUS: 0.590
MAX RADIUS: 2.036
MEAN RADIUS: 0.977
IN 1 IN DIAMETER: 0
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.733	-0.682
2:	0.768	0.257
3:	0.342	0.557
4:	0.125	-0.498
5:	-0.213	-0.439
6:	-0.536	-0.422
7:	-0.449	-0.647
8:	-0.796	0.305
9:	-1.096	1.174
10:	-1.125	1.985



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6285970. 0

TARGET NUMBER: 4

FILE DATE: 12/07/2003

FILE TIME: 08:11

X CENTROID: 0.250

Y CENTROID: 0.076

POA TO CENTROID: 0.261

HORZ SPREAD: 3.013

VERT SPREAD: 2.754

GROUP SPREAD: 3.013

MIN RADIUS: 0.313

MAX RADIUS: 1.940

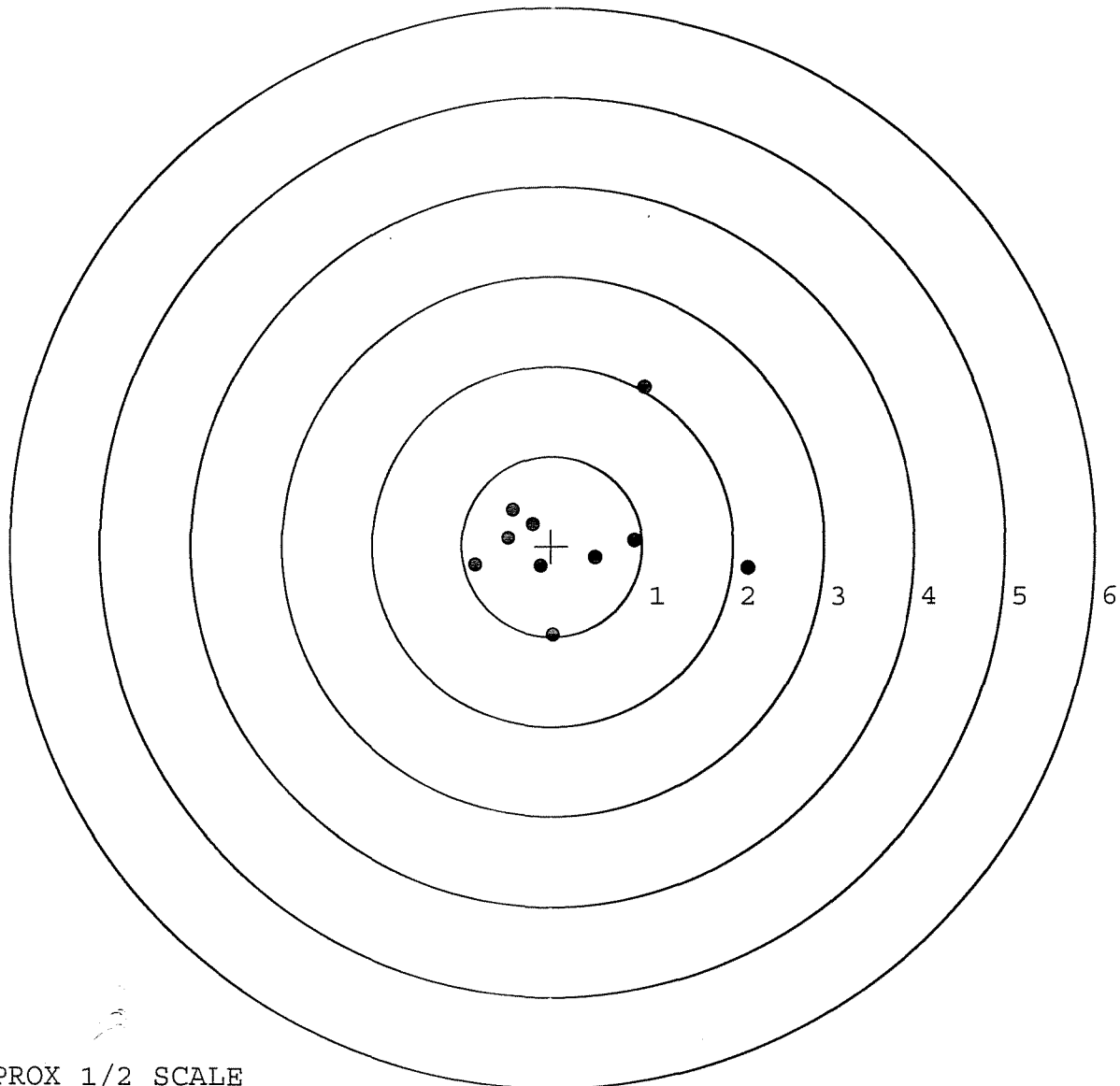
MEAN RADIUS: 0.947

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	2.164	-0.243
2:	0.917	0.065
3:	0.485	-0.131
4:	0.018	-0.985
5:	-0.121	-0.224
6:	-0.849	-0.219
7:	-0.214	0.245
8:	-0.438	0.398
9:	1.025	1.769
10:	-0.485	0.082

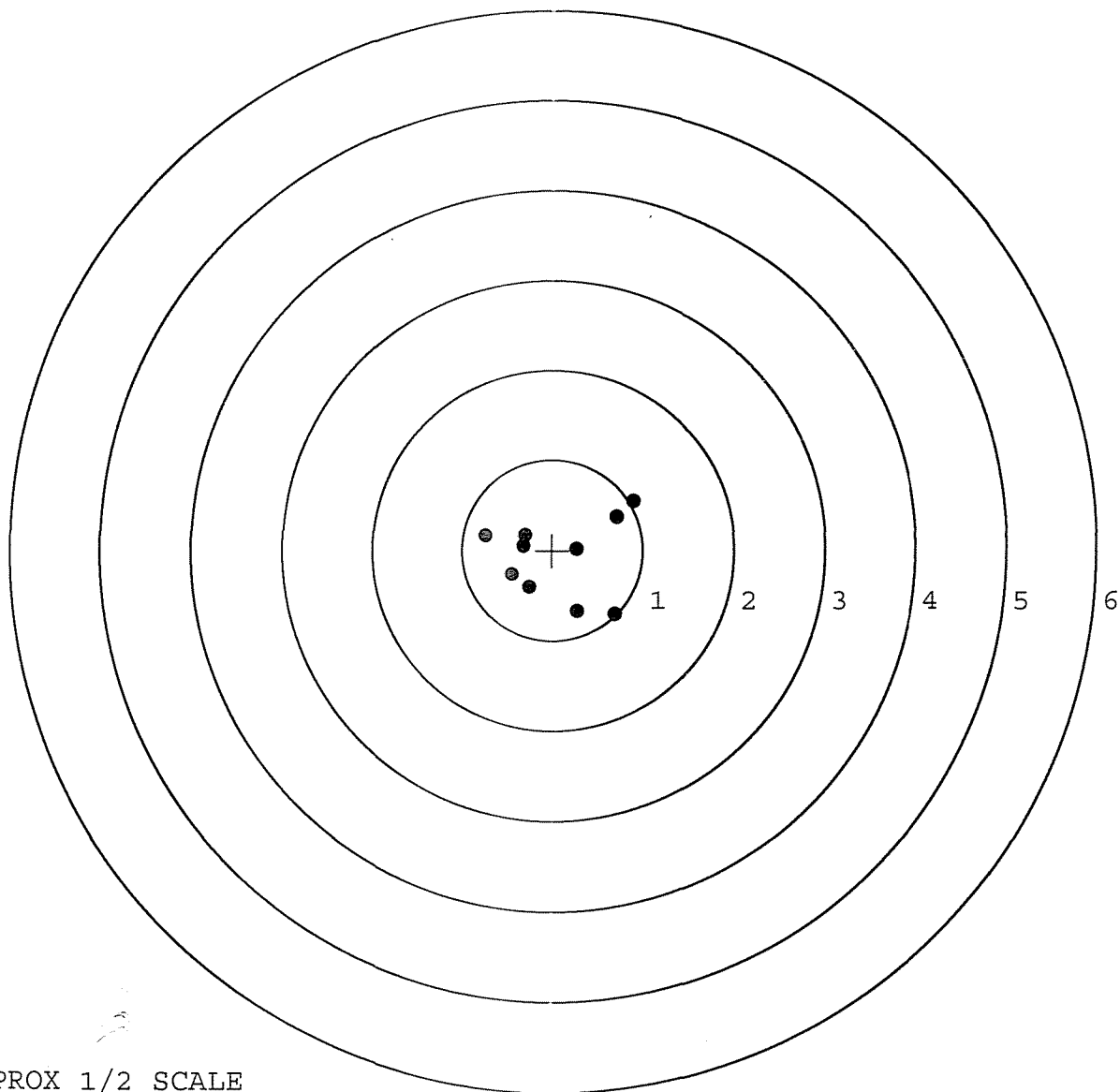


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6285970. __0
 TARGET NUMBER: 5
 FILE DATE: 12/07/2003
 FILE TIME: 08:11

X CENTROID: 0.076
 Y CENTROID: -0.075
 POA TO CENTROID: 0.107
 HORZ SPREAD: 1.642
 VERT SPREAD: 1.249
 GROUP SPREAD: 1.684
 MIN RADIUS: 0.216
 MAX RADIUS: 1.025
 MEAN RADIUS: 0.628
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.689	-0.709
2:	0.275	-0.678
3:	0.271	0.017
4:	0.706	0.368
5:	0.896	0.540
6:	-0.300	0.170
7:	-0.324	0.047
8:	-0.448	-0.267
9:	-0.259	-0.407
10:	-0.746	0.166



TARGET APPROX 1/2 SCALE