

G657 7221
Replaced
G6300 472

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: **RE00113214** Serial: G6300472 Model M24 SWS Center Fire
 Verify Repair Caliber: 7.62 NATO Produced: 12/09/2003 Repairman: Status: Closed 6/5/2006 1:21:24 PM

Address Information

Customer: Received From Return To: Received From
 Name: NATIONAL GUARD MARKSMANSHIP TNG UNIT NATIONAL GUARD MARKSMANSHIP TNG UNIT
 Address 1: BLDG 4900 CAMP J T ROBINSON BLDG 4900 CAMP J T ROBINSON
 Address 2: ATTN TSGT SEAN WALLACE PO Box: ATTN TSGT SEAN WALLACE PO Box:
 City: NORTH LITTLE ROCK 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 <table border="1"> <thead> <tr> <th>Code</th> <th>Desc</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>A007</td> <td>With Stud</td> <td>3</td> </tr> <tr> <td>A017</td> <td>Scope Base</td> <td>1</td> </tr> <tr> <td>A057</td> <td>Fit and Rear Sgt Base</td> <td>1</td> </tr> </tbody> </table>			Code	Desc	Qty	A007	With Stud	3	A017	Scope Base	1	A057	Fit and Rear Sgt Base	1
Code	Desc	Qty														
A007	With Stud	3														
A017	Scope Base	1														
A057	Fit and Rear Sgt Base	1														

Repair Search Refresh Close

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

start Arms Services Repair ... Part Search by Materi... 2 Microsoft Office O... 7:38 AM

Q 6577221

Serial Number: **G6300472**

Model: **M24 SWS**



RE00113214

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6577221.___0
FILE DATE AND TIME: 07/24/2006 07:48

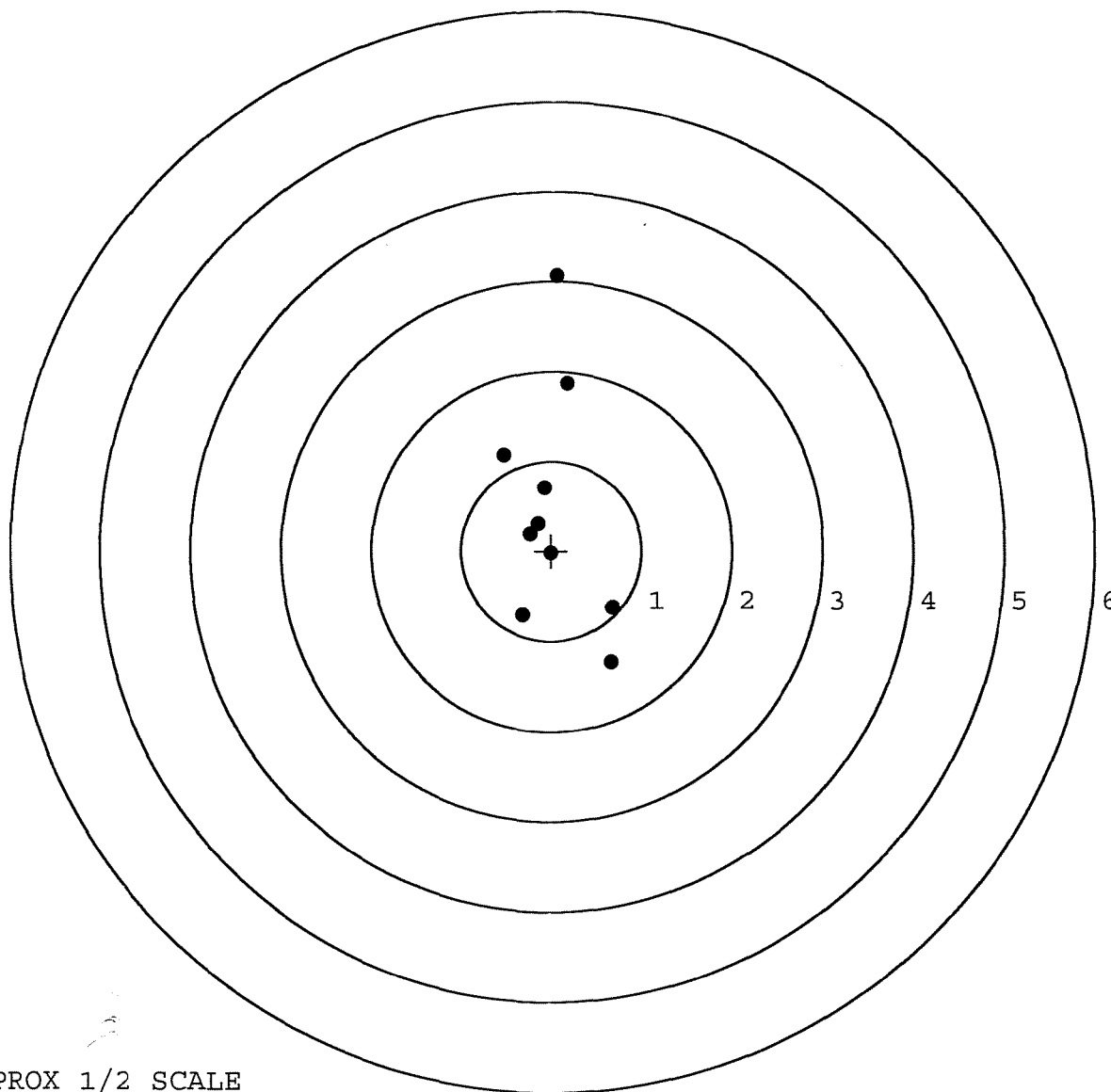
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.088
The Average Y Centroid of the Five Target Set:	0.176
The Average Point of Impact of the Five Target Set:	0.197
The Average Mean Radius of the Five Target Set:	0.764
The Distance from POA to Centroid Target #1:	0.458
The Distance from Centroid Target #2 to Centroid Target #1:	0.290
The Distance from Centroid Target #3 to Centroid Target #1:	0.254
The Distance from Centroid Target #4 to Centroid Target #1:	0.304
The Distance from Centroid Target #5 to Centroid Target #1:	0.717

SERIAL NUMBER: G6577221. __0
TARGET NUMBER: 1
FILE DATE: 07/24/2006
FILE TIME: 07:48

POINT#	X	Y
1:	-0.317	-0.719
2:	0.684	-0.628
3:	0.669	-1.230
4:	-0.013	-0.030
5:	-0.237	0.192
6:	-0.083	0.702
7:	-0.528	1.065
8:	0.175	1.862
9:	0.053	3.058
10:	-0.153	0.300

X CENTROID: 0.025
Y CENTROID: 0.457
POA TO CENTROID: 0.458
HORZ SPREAD: 1.212
VERT SPREAD: 4.288
GROUP SPREAD: 4.332
MIN RADIUS: 0.237
MAX RADIUS: 2.601
MEAN RADIUS: 1.050
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 8

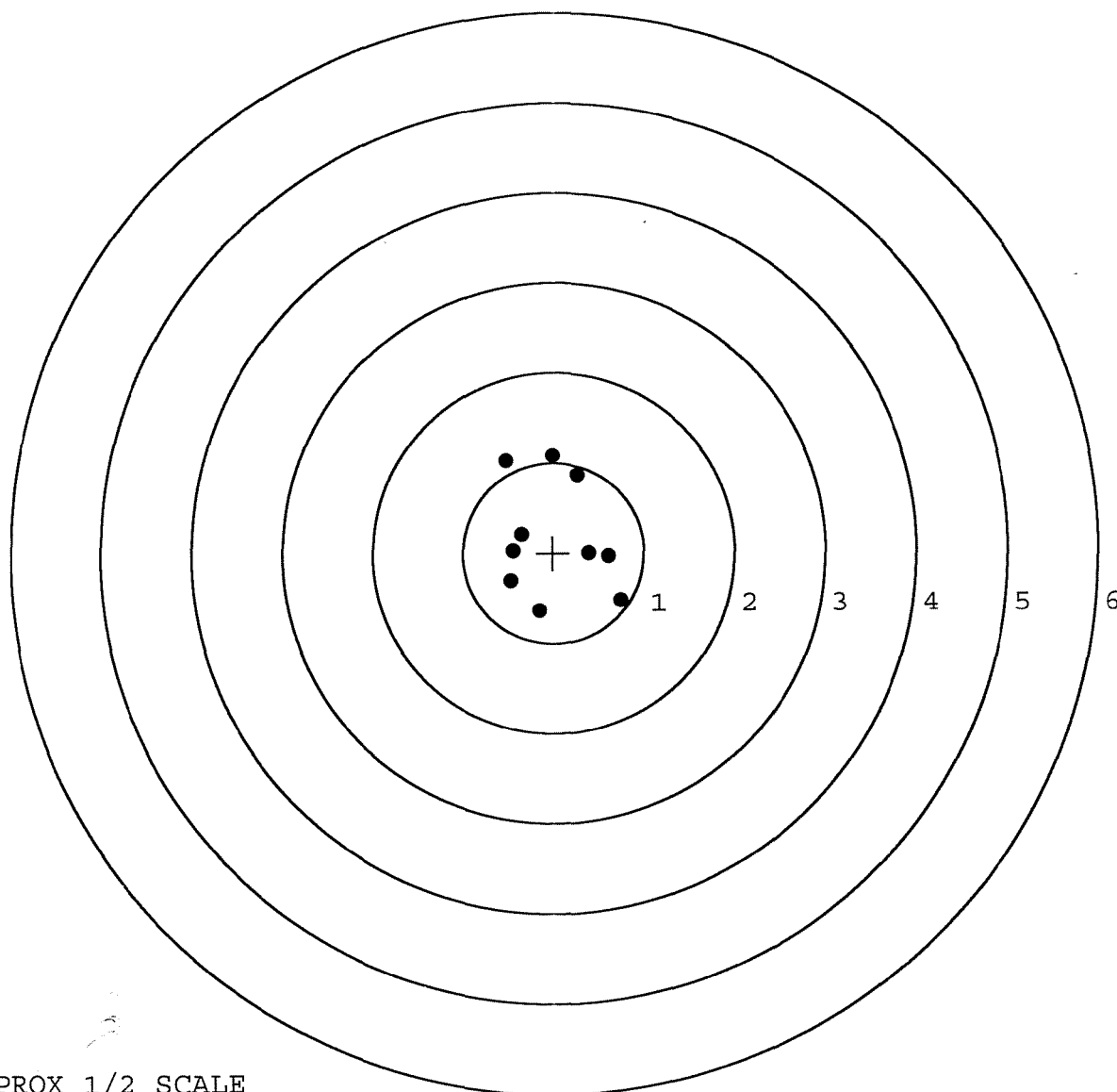


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577221. __0
TARGET NUMBER: 2
FILE DATE: 07/24/2006
FILE TIME: 07:48

X CENTROID: 0.007
Y CENTROID: 0.168
POA TO CENTROID: 0.168
HORZ SPREAD: 1.275
VERT SPREAD: 1.723
GROUP SPREAD: 2.004
MIN RADIUS: 0.363
MAX RADIUS: 1.012
MEAN RADIUS: 0.709
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.354	0.200
2:	-0.443	0.026
3:	-0.471	-0.312
4:	-0.155	-0.644
5:	0.394	-0.005
6:	0.617	-0.038
7:	0.749	-0.521
8:	0.273	0.865
9:	-0.009	1.079
10:	-0.526	1.025

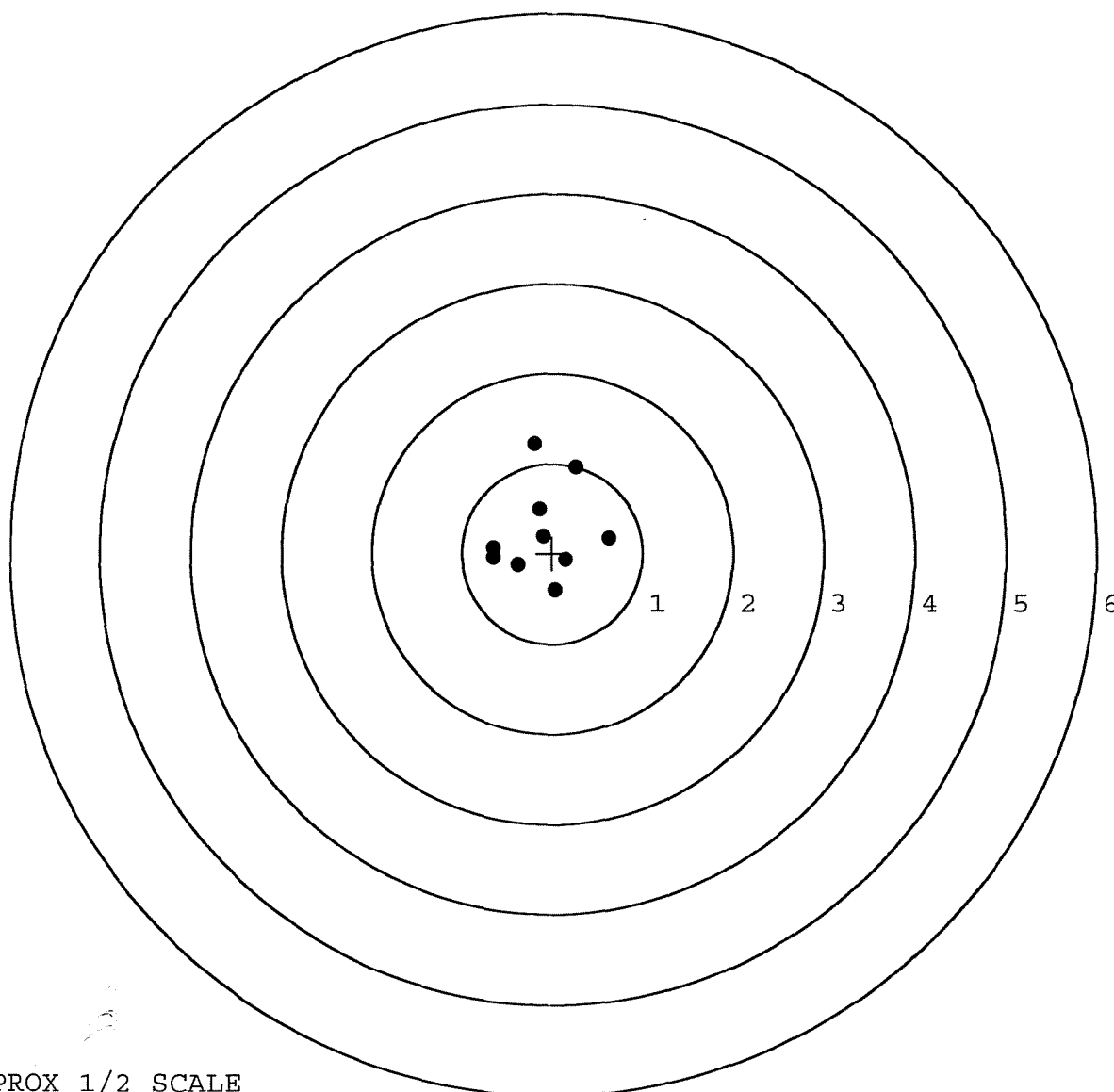


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577221.____0
TARGET NUMBER: 3
FILE DATE: 07/24/2006
FILE TIME: 07:48

POINT#	X	Y
1:	-0.201	1.216
2:	0.262	0.963
3:	-0.143	0.483
4:	-0.658	0.060
5:	-0.658	-0.058
6:	-0.385	-0.136
7:	0.038	-0.410
8:	0.152	-0.079
9:	-0.105	0.187
10:	0.630	0.172

X CENTROID: -0.107
Y CENTROID: 0.240
POA TO CENTROID: 0.263
HORZ SPREAD: 1.288
VERT SPREAD: 1.626
GROUP SPREAD: 1.643
MIN RADIUS: 0.053
MAX RADIUS: 0.981
MEAN RADIUS: 0.558
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

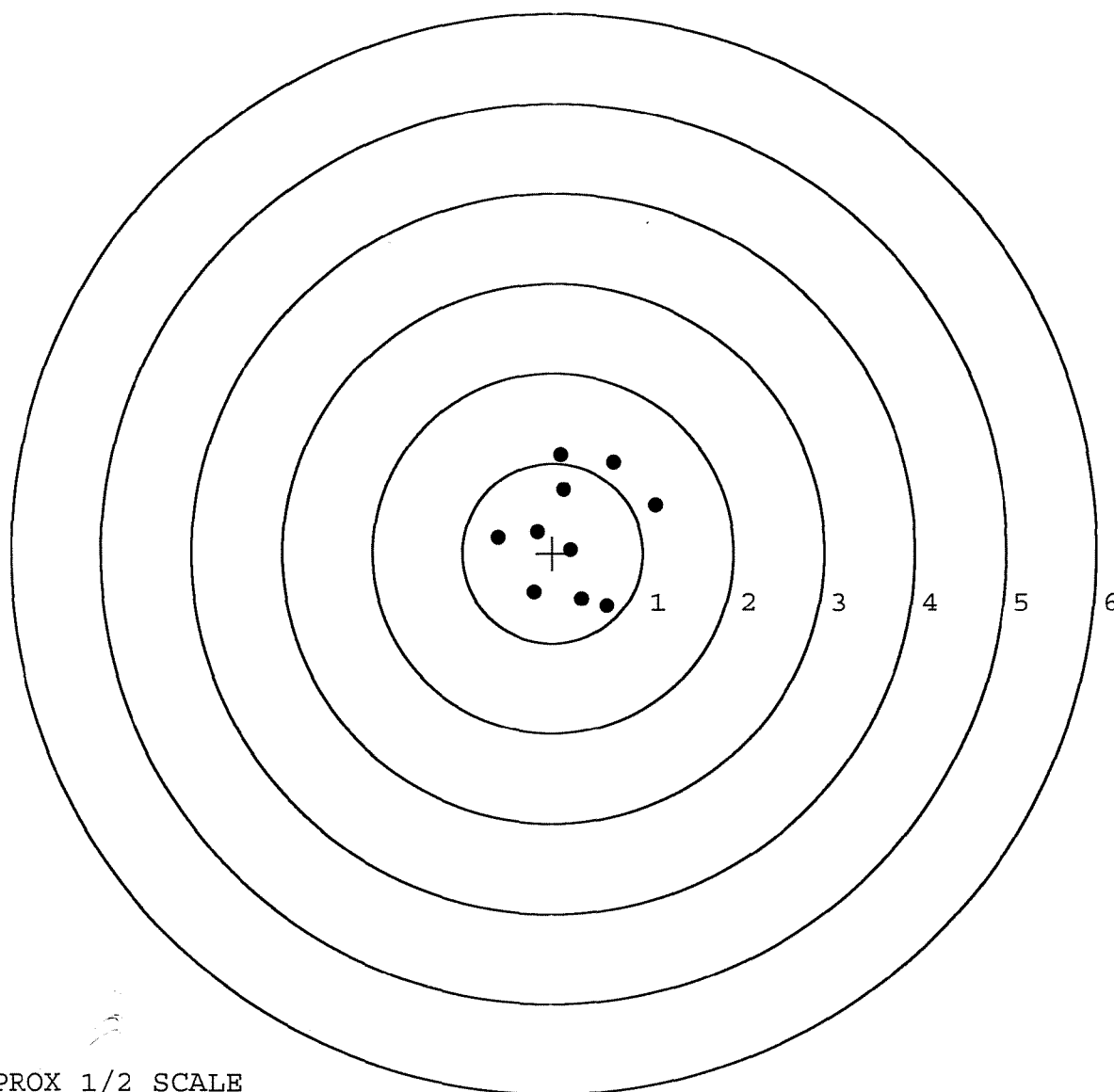


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577221. __0
TARGET NUMBER: 4
FILE DATE: 07/24/2006
FILE TIME: 07:48

X CENTROID: 0.220
Y CENTROID: 0.223
POA TO CENTROID: 0.313
HORZ SPREAD: 1.738
VERT SPREAD: 1.681
GROUP SPREAD: 1.774
MIN RADIUS: 0.187
MAX RADIUS: 0.968
MEAN RADIUS: 0.708
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.680	1.009
2:	1.138	0.528
3:	0.092	1.093
4:	0.126	0.702
5:	-0.169	0.234
6:	0.204	0.037
7:	-0.600	0.173
8:	-0.209	-0.436
9:	0.325	-0.519
10:	0.610	-0.588

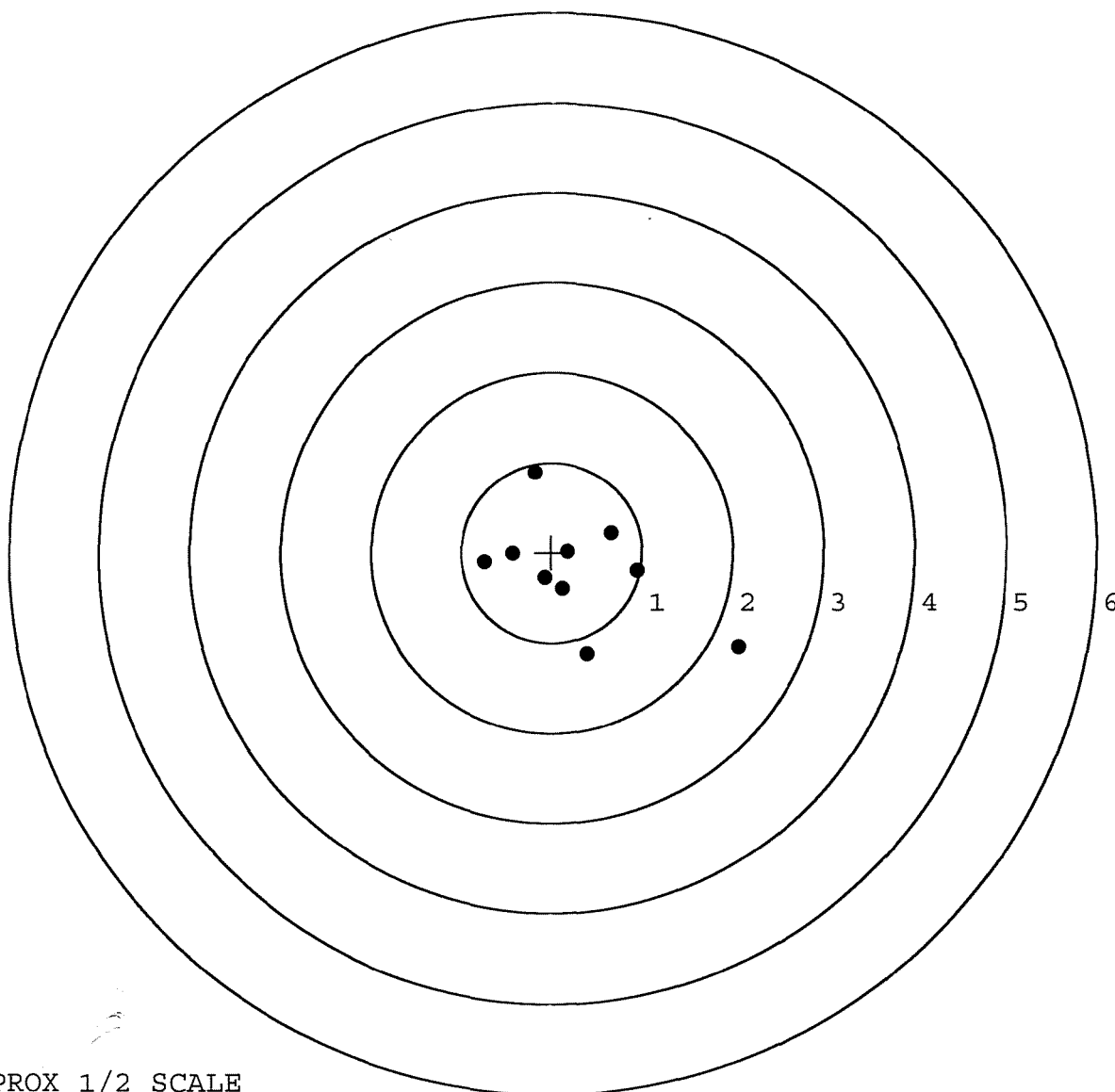


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577221. 0
TARGET NUMBER: 5
FILE DATE: 07/24/2006
FILE TIME: 07:48

X CENTROID: 0.293
Y CENTROID: -0.208
POA TO CENTROID: 0.359
HORZ SPREAD: 2.807
VERT SPREAD: 2.018
GROUP SPREAD: 2.974
MIN RADIUS: 0.242
MAX RADIUS: 1.960
MEAN RADIUS: 0.798
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.189	0.892
2:	-0.433	-0.019
3:	-0.746	-0.111
4:	-0.079	-0.283
5:	0.124	-0.406
6:	0.185	0.009
7:	0.654	0.218
8:	0.950	-0.202
9:	0.401	-1.126
10:	2.061	-1.053



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	113214		National Guard	
SERIAL NUMBER	66300472		66577221	
LOG-IN DATE	6-5-06			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		6-27-06	A
505	RE-BARREL		6-27-06	A
560	ASSEMBLE		6-30-06	A
600	PROOF	MAGNA-FLUX INSPECTED	7-5-06	nom
605	CHECK HEADSPACE		7-5-06	nom
610	DIS-ASSEMBLE GUN	JUL 06 2006	7-5-06	A
612	MAGNAFLUX	OPERATOR <i>mmh</i>	7/6/06	<i>mmh</i>
510	DRILL AND TAP		7-6-06	TRW
615	ROLLMARK CALIBER		7-7-06	CW
618	ROTO-BLAST		7-7-06	B
620	APPLY COATINGS		7/7	HS
625	FINAL ASSEMBLY		7-21-06	S.P.H.
640	FUNCTION TEST AND	PASS FAIL	7-24-06	TRW
650	TARGET	PASS FAIL	7-24-06	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		7-24-06	nom
	A) HEADSPACE	PASS FAIL	8-2-06	RT
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.84 2.85 2.54 2.60 2.71 8-2-06	DA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	6.0 6.5 6.2 8-2-06	DA
	G) SAFETY OFF FORCE	2 LBS MIN	3.0 3.0 3.0 8-2-06	DA
	I) FIRING PIN INDENT	.020	.024 .0245 .024 8-2-06	DA
690	PACK		8-2-06	DA

VERY IMPORTANT!
Instruction Book
enclosed to assure
safe use of this
firearm.

Remington®

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

DD

5716 66300472

SERIAL NO.
G6300472

ORDER NO.
25716

09XX

Made in Ilion, NY

Reg. U.S. Pat. & tm. Off. Marca Registrada

Marque Deposee.

ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYST

UPC



ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYST

UPC



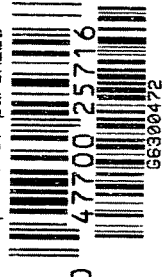
SERIAL NO.



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

- INSTRUCTION BOOK 3518

proof of purchase



owner registration sticker

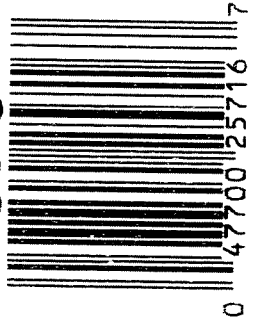


DD FORM

ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

G6300472

UPC



M-24
INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6300472

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		11-6-03	RTL
600	PROOF		11-7-03	AC
607	CHECK HEADSPACE		11-7-03	AC
610	DIS-ASSEMBLE GUN		11-7-03	RTL
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	INSPECTED NOV 07 2003 OPERATOR BS	11-7-03	
615	ROLLMARK CALIBER		11-10-03	83
617	DRILL AND TAP SIGHT HOLES		11-7-03	TRW
620	APPLY COATINGS (BARREL ACTION)			
	(BOLT)			
625	FINAL ASSEMBLY			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		11/18/03	Rev
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		11/18/03	Rev
	C) INSPECT EJECTOR HOLE FOR CHAMFER		11/18/03	Rev
	D) OIL FIRING PIN ASSEMBLY		11/18/03	Rev
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE	2.50 LBS +/- .5 LBS		

OP #	OPERATION NAME	READINGS	DATE	INITIAL
625	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>8</u> <u>7</u> <u>6</u>	12/4/03	RW
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>3</u> <u>3</u> <u>3</u>	12/4/03	RW
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.024</u> <u>.0235</u> <u>.023</u>	12/4/03	RW
	J) ASSEMBLE STOCK		11/18/03	RW
	K) ASSEMBLE SWIVEL STUDS		12-6-03	RJR
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		11/18/03	RW
	M) IRON SIGHT ALIGNMENT		11/18/03	RW
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		11/18/03	RW
640	GALLERY TEST AND TARGET	PASS FAIL	11-26-03	A
	MALFUNCTION	CORRECTION	11-26-03	A
	MALFUNCTION	CORRECTION	11-26-03	A
	MALFUNCTION	CORRECTION	11-26-03	A
	MALFUNCTION	CORRECTION	12-26-03	A
645	INSPECT FOR LIVE AMMO		11-26-03	A
655	FINAL INSPECTION A) HEADSPACE		12-6-03	RJR
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.63</u> <u>2.89</u> <u>2.95</u> <u>2.78</u> <u>2.92</u>	12/4/03	RW
	C) FUNCTION		12-6-03	RJR
660	PACK		1-18/03	RA

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)

SERIAL NO. _____

DATE 11-18-03

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.64	2.42		2.84	
PULL #2	2.88	2.49		2.59	
PULL #3	2.60	2.51		2.47	
PULL #4	2.69	2.37		2.67	
PULL #5	2.31	2.87		2.65	
TOTAL	13.12	12.66		13.22	
AVERAGE	2.62	2.53		2.64	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.09	3.42		
PULL #2	3.35	3.06		
PULL #3	3.28	3.04		
PULL #4	3.40	2.90		
PULL #5	3.04	3.17		
TOTAL	16.16	15.59		
AVERAGE	3.23	3.11		

	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	4.35	4.44		4.37
PULL #2	3.99	4.53		4.54
PULL #3	4.24	4.41		4.14
PULL #4	4.26	4.14		4.37
PULL #5	4.54	3.97		4.52
TOTAL	21.38	21.49		21.94
AVERAGE	4.27	4.29		4.38

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6300472.___0
FILE DATE AND TIME: 11/26/2003 07:29

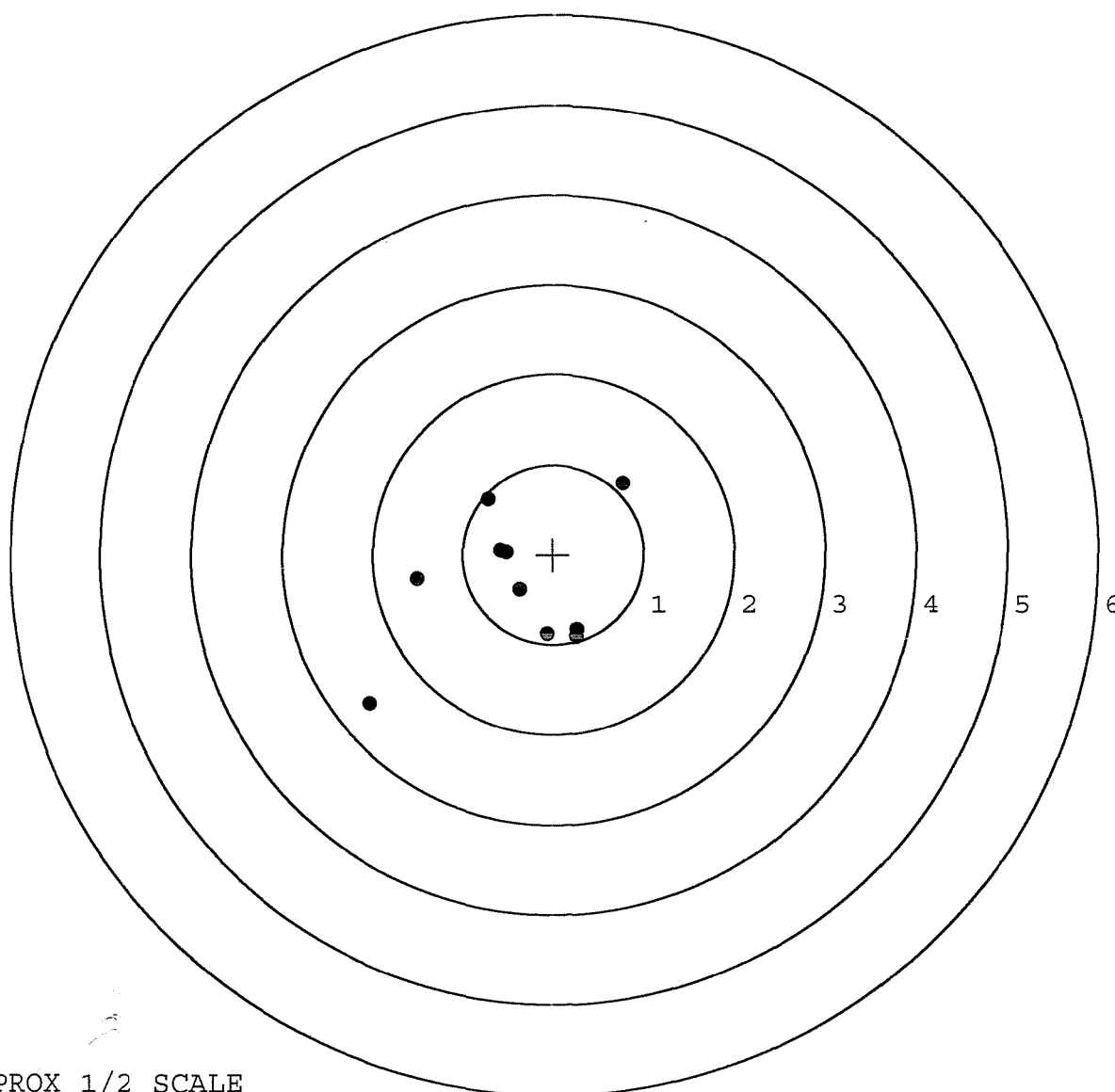
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.054
The Average Y Centroid of the Five Target Set:	0.094
The Average Point of Impact of the Five Target Set:	0.108
The Average Mean Radius of the Five Target Set:	0.789
The Distance from POA to Centroid Target #1:	0.570
The Distance from Centroid Target #2 to Centroid Target #1:	0.533
The Distance from Centroid Target #3 to Centroid Target #1:	0.864
The Distance from Centroid Target #4 to Centroid Target #1:	0.668
The Distance from Centroid Target #5 to Centroid Target #1:	0.950

SERIAL NUMBER: G6300472. __0
TARGET NUMBER: 1
FILE DATE: 11/26/2003
FILE TIME: 07:29

X CENTROID: -0.451
Y CENTROID: -0.349
POA TO CENTROID: 0.570
HORZ SPREAD: 2.797
VERT SPREAD: 2.463
GROUP SPREAD: 3.727
MIN RADIUS: 0.092
MAX RADIUS: 2.056
MEAN RADIUS: 0.912
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.767	0.797
2:	-0.721	0.617
3:	-0.518	0.028
4:	-0.370	-0.392
5:	0.267	-0.840
6:	-0.072	-0.887
7:	-2.030	-1.666
8:	-1.508	-0.276
9:	0.261	-0.919
10:	-0.586	0.048

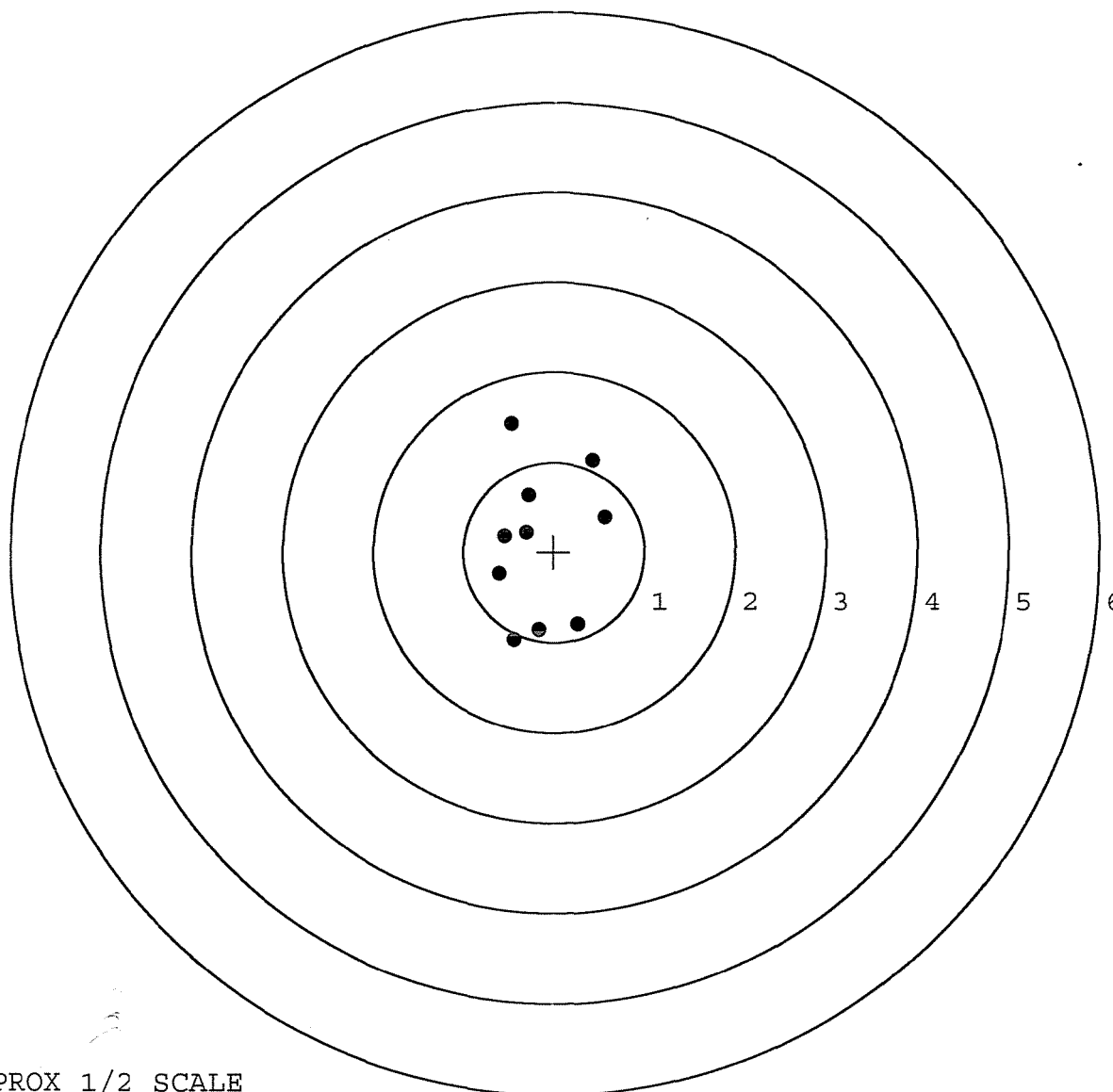


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300472. __0
TARGET NUMBER: 2
FILE DATE: 11/26/2003
FILE TIME: 07:29

X CENTROID: -0.158
Y CENTROID: 0.097
POA TO CENTROID: 0.185
HORZ SPREAD: 1.163
VERT SPREAD: 2.403
GROUP SPREAD: 2.403
MIN RADIUS: 0.197
MAX RADIUS: 1.367
MEAN RADIUS: 0.802
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.479	1.425
2:	0.427	1.024
3:	0.561	0.389
4:	-0.281	0.629
5:	-0.313	0.219
6:	-0.553	0.178
7:	-0.602	-0.242
8:	-0.443	-0.978
9:	-0.167	-0.872
10:	0.269	-0.805

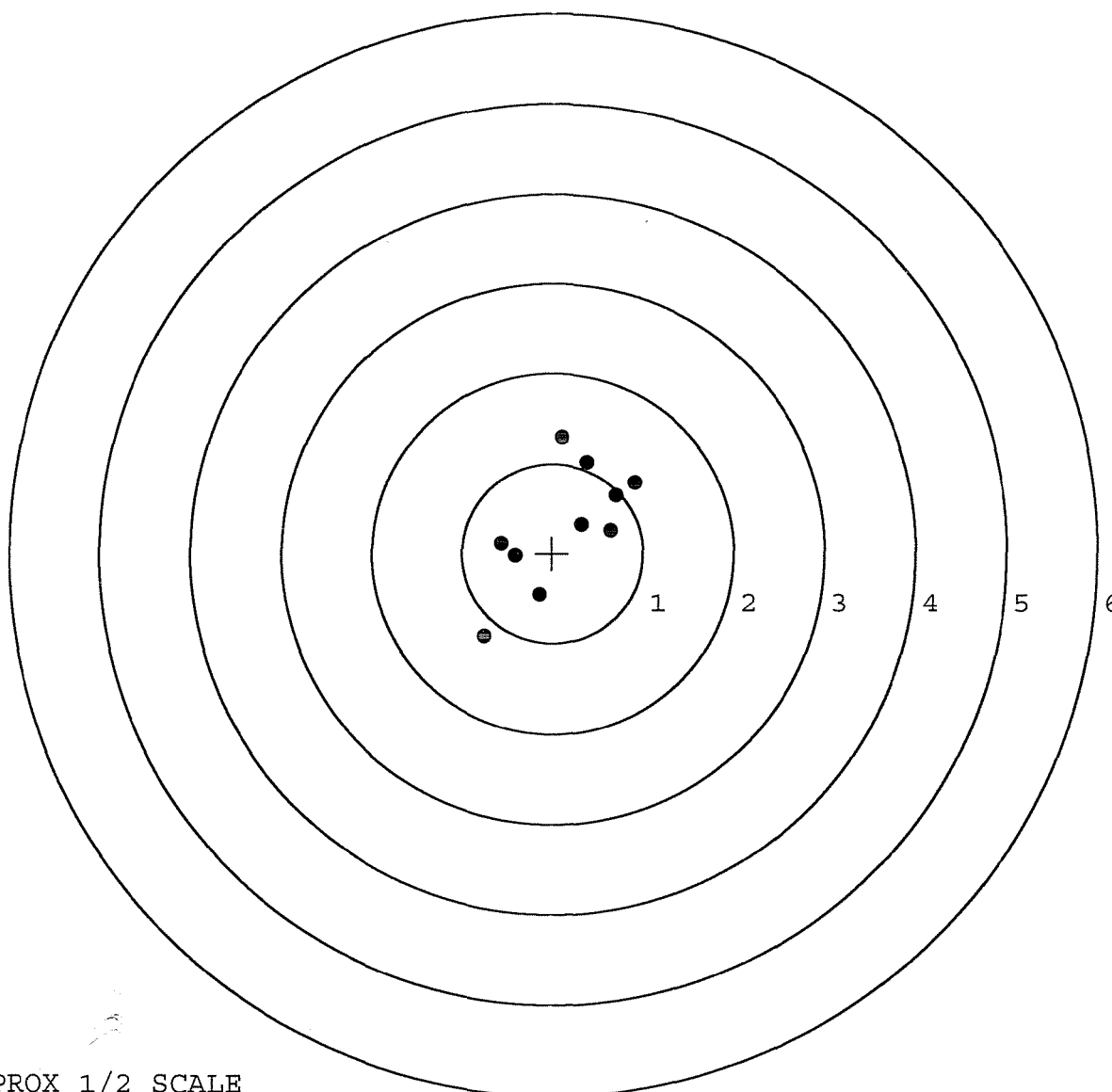


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300472. __0
TARGET NUMBER: 3
FILE DATE: 11/26/2003
FILE TIME: 07:29

X CENTROID: 0.118
Y CENTROID: 0.301
POA TO CENTROID: 0.323
HORZ SPREAD: 1.664
VERT SPREAD: 2.220
GROUP SPREAD: 2.391
MIN RADIUS: 0.207
MAX RADIUS: 1.510
MEAN RADIUS: 0.776
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.105	1.290
2:	0.383	1.018
3:	0.907	0.787
4:	0.706	0.650
5:	0.643	0.259
6:	0.325	0.321
7:	-0.573	0.107
8:	-0.410	-0.031
9:	-0.144	-0.464
10:	-0.757	-0.930

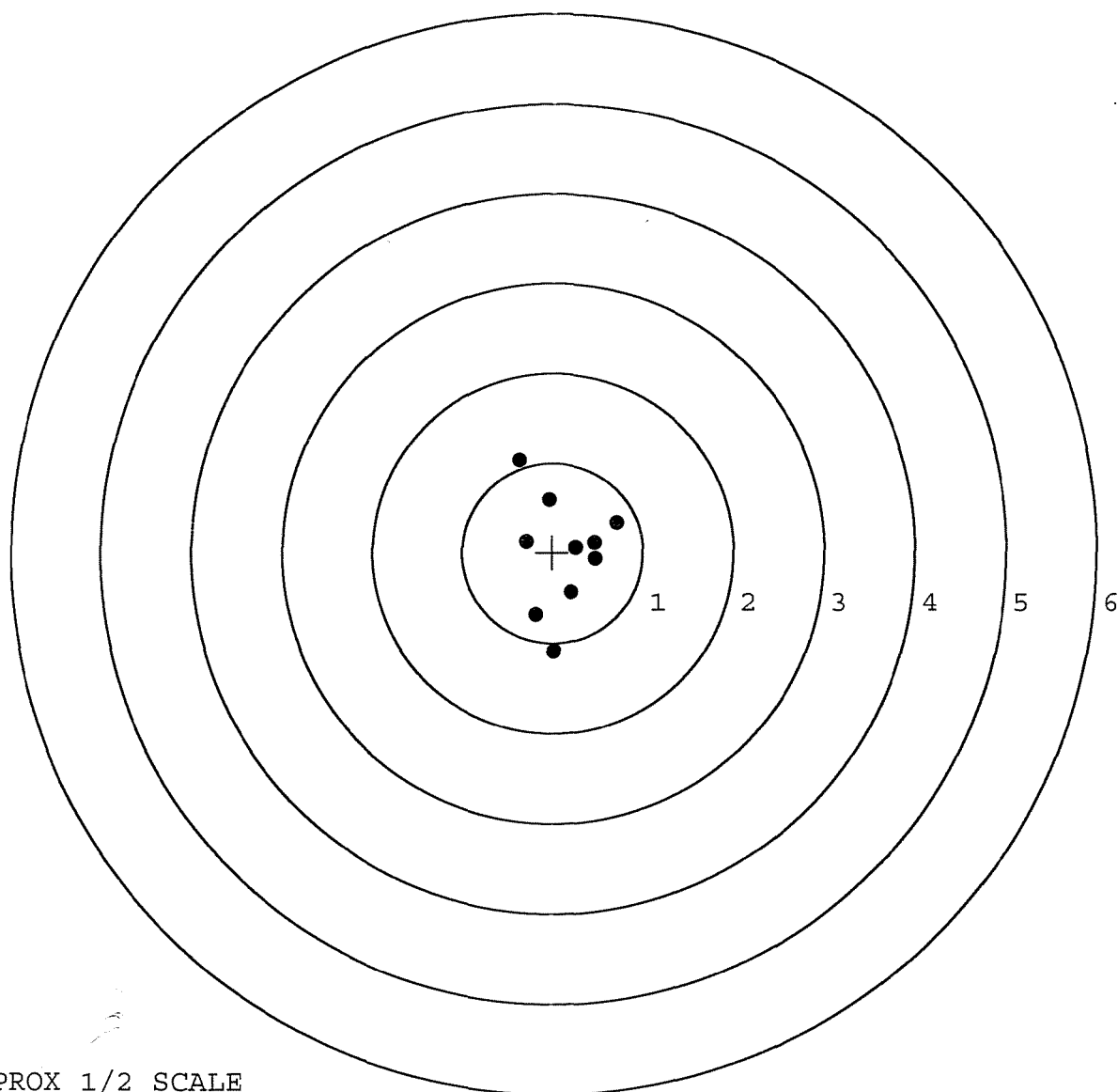


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300472. __0
TARGET NUMBER: 4
FILE DATE: 11/26/2003
FILE TIME: 07:29

X CENTROID: 0.123
Y CENTROID: -0.007
POA TO CENTROID: 0.124
HORZ SPREAD: 1.080
VERT SPREAD: 2.130
GROUP SPREAD: 2.165
MIN RADIUS: 0.146
MAX RADIUS: 1.150
MEAN RADIUS: 0.605
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.370	1.032
2:	-0.045	0.586
3:	-0.297	0.116
4:	-0.187	-0.696
5:	0.018	-1.098
6:	0.210	-0.445
7:	0.479	-0.068
8:	0.255	0.055
9:	0.710	0.333
10:	0.461	0.112

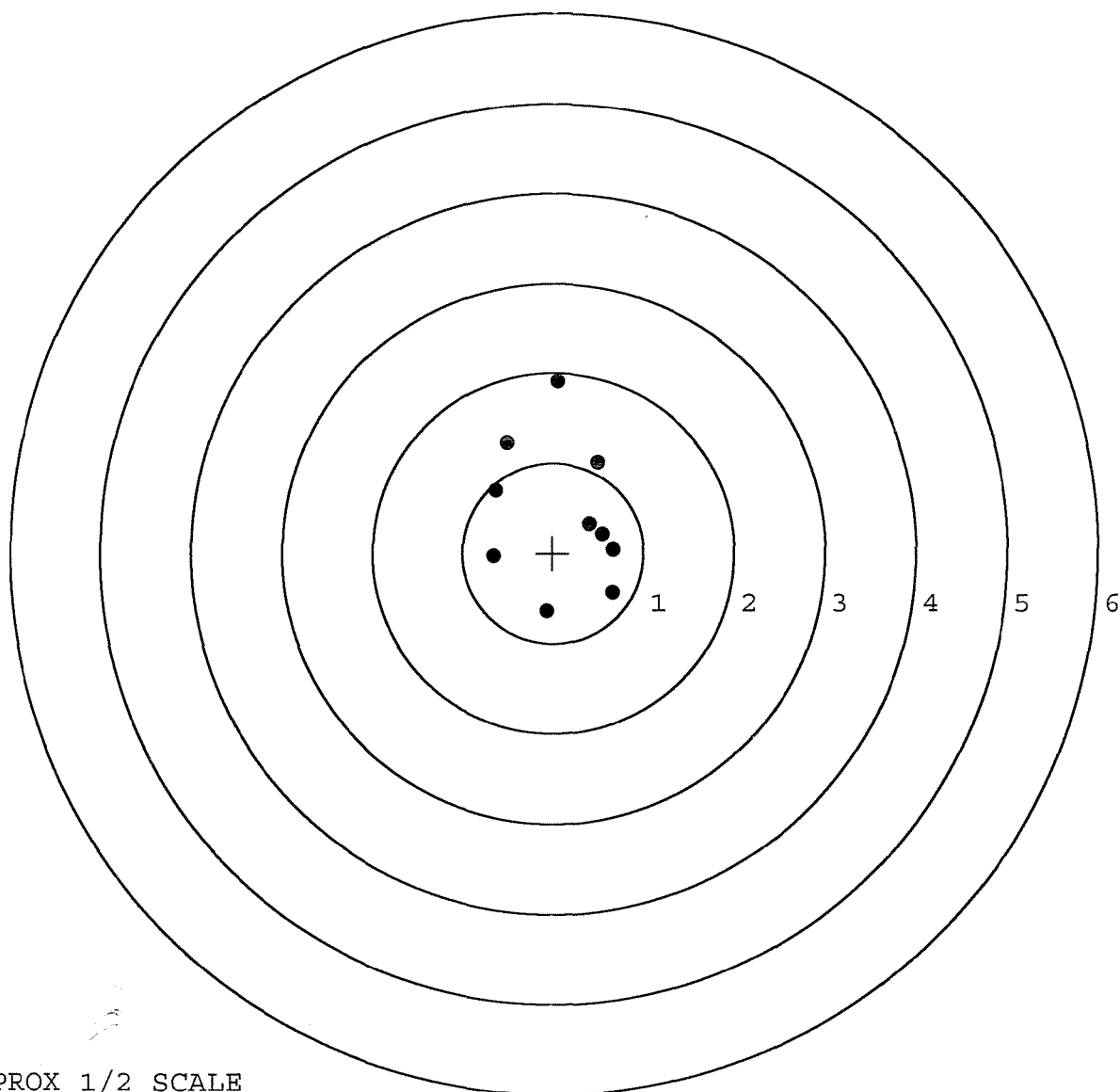


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300472. __0
TARGET NUMBER: 5
FILE DATE: 11/26/2003
FILE TIME: 07:29

X CENTROID: 0.096
Y CENTROID: 0.428
POA TO CENTROID: 0.439
HORZ SPREAD: 1.323
VERT SPREAD: 2.554
GROUP SPREAD: 2.557
MIN RADIUS: 0.326
MAX RADIUS: 1.478
MEAN RADIUS: 0.848
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.048	1.906
2:	-0.508	1.225
3:	-0.639	0.687
4:	-0.655	-0.036
5:	-0.067	-0.648
6:	0.498	1.008
7:	0.404	0.322
8:	0.668	0.044
9:	0.662	-0.437
10:	0.545	0.212



TARGET APPROX 1/2 SCALE