

G 6300 413
Replace
C-622-5519

Repair Inquiry

Repair Number: RE00120763

Serial: G6300613 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status: New 11/27/2006 12:48:32 PM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: SFC KIRCHNER

SFC KIRCHNER

Address 1: HSC 1/7 SFG (A)

HSC 1/7 SFG (A)

Address 2: BLDG E-3622 JUST CAUSE DR

PO Box:

BLDG E-3622 JUST CAUSE DR

PO Box:

City: FORT BRAGG

FORT BRAGG

State: NC

Zip Code: 28310

Country: US

State: NC

Zip Code: 28310

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
A010	Hard Case	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1
D000	MARS RAIL	1

Repair Search

Refresh

Close

nagletj

11/27/2006

1:30 PM

CRPS

NUM

INS

SCRL

Serial Number: **G6300613**

Model: **M24 SWS**



RE00120763

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6300613.___0
FILE DATE AND TIME: 12/16/2006 06:00

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

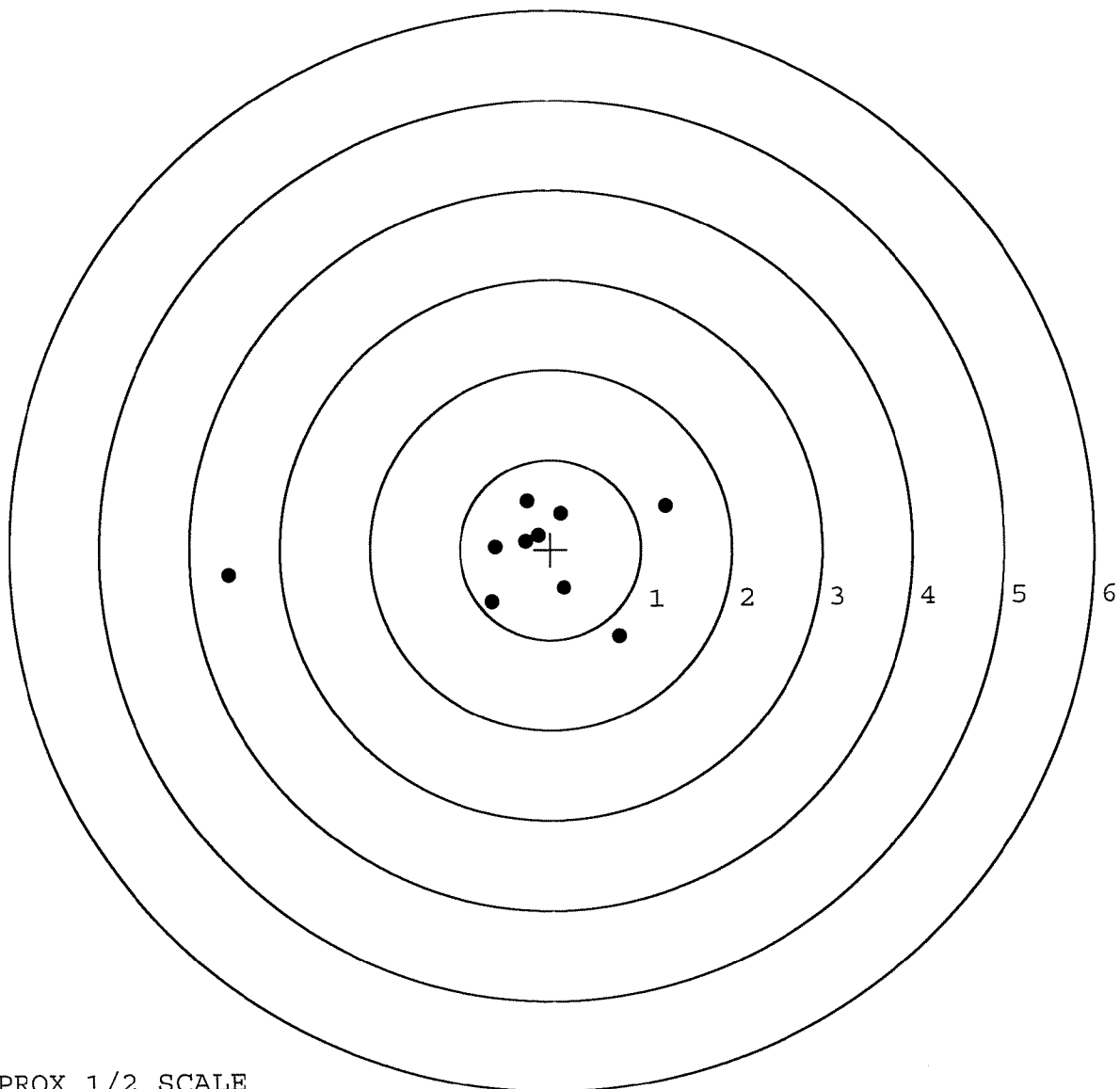
The Average X Centroid of the Five Target Set:	-0.077
The Average Y Centroid of the Five Target Set:	-0.083
The Average Point of Impact of the Five Target Set:	0.114
The Average Mean Radius of the Five Target Set:	0.686
The Distance from POA to Centroid Target #1:	0.324
The Distance from Centroid Target #2 to Centroid Target #1:	0.218
The Distance from Centroid Target #3 to Centroid Target #1:	0.290
The Distance from Centroid Target #4 to Centroid Target #1:	0.339
The Distance from Centroid Target #5 to Centroid Target #1:	0.402

BARBER - M24 0163122

SERIAL NUMBER: G6300613. __0
TARGET NUMBER: 1
FILE DATE: 12/16/2006
FILE TIME: 06:00

X CENTROID: -0.320
Y CENTROID: -0.056
POA TO CENTROID: 0.324
HORZ SPREAD: 4.836
VERT SPREAD: 1.508
GROUP SPREAD: 4.891
MIN RADIUS: 0.155
MAX RADIUS: 3.256
MEAN RADIUS: 0.952
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.267	0.469
2:	0.759	-0.972
3:	0.153	-0.427
4:	-0.648	-0.581
5:	-0.607	0.028
6:	-0.254	0.536
7:	0.118	0.396
8:	-0.277	0.093
9:	-0.137	0.158
10:	-3.569	-0.262



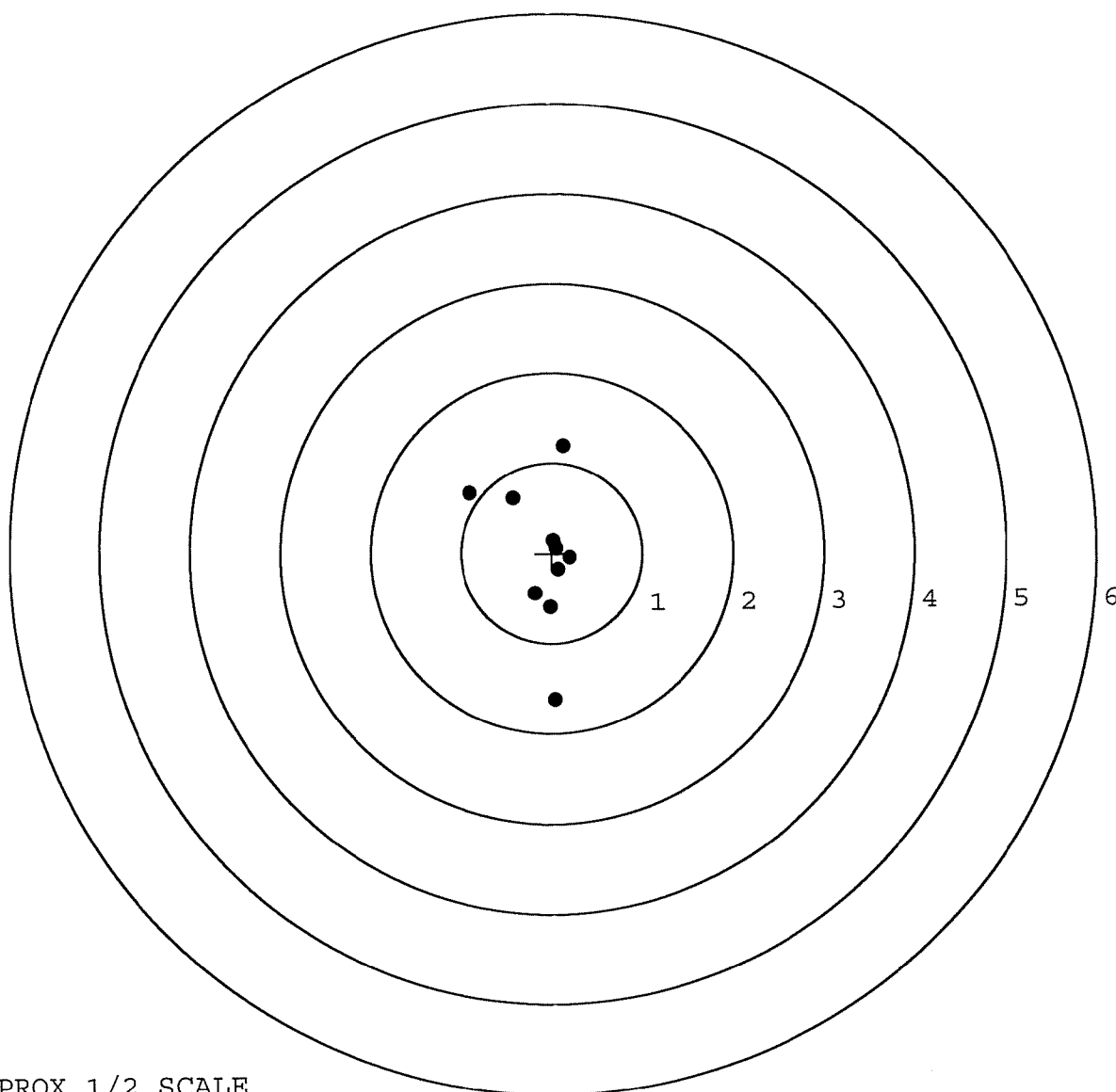
TARGET APPROX 1/2 SCALE

BARBER - M24 0163123

SERIAL NUMBER: G6300613. __0
 TARGET NUMBER: 2
 FILE DATE: 12/16/2006
 FILE TIME: 06:00

X CENTROID: -0.104
 Y CENTROID: -0.026
 POA TO CENTROID: 0.107
 HORZ SPREAD: 1.106
 VERT SPREAD: 2.816
 GROUP SPREAD: 2.818
 MIN RADIUS: 0.173
 MAX RADIUS: 1.610
 MEAN RADIUS: 0.656
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.028	-1.631
2:	-0.026	-0.604
3:	-0.188	-0.452
4:	0.072	-0.186
5:	0.203	-0.050
6:	0.015	0.144
7:	0.138	1.185
8:	-0.425	0.607
9:	-0.903	0.672
10:	0.050	0.054



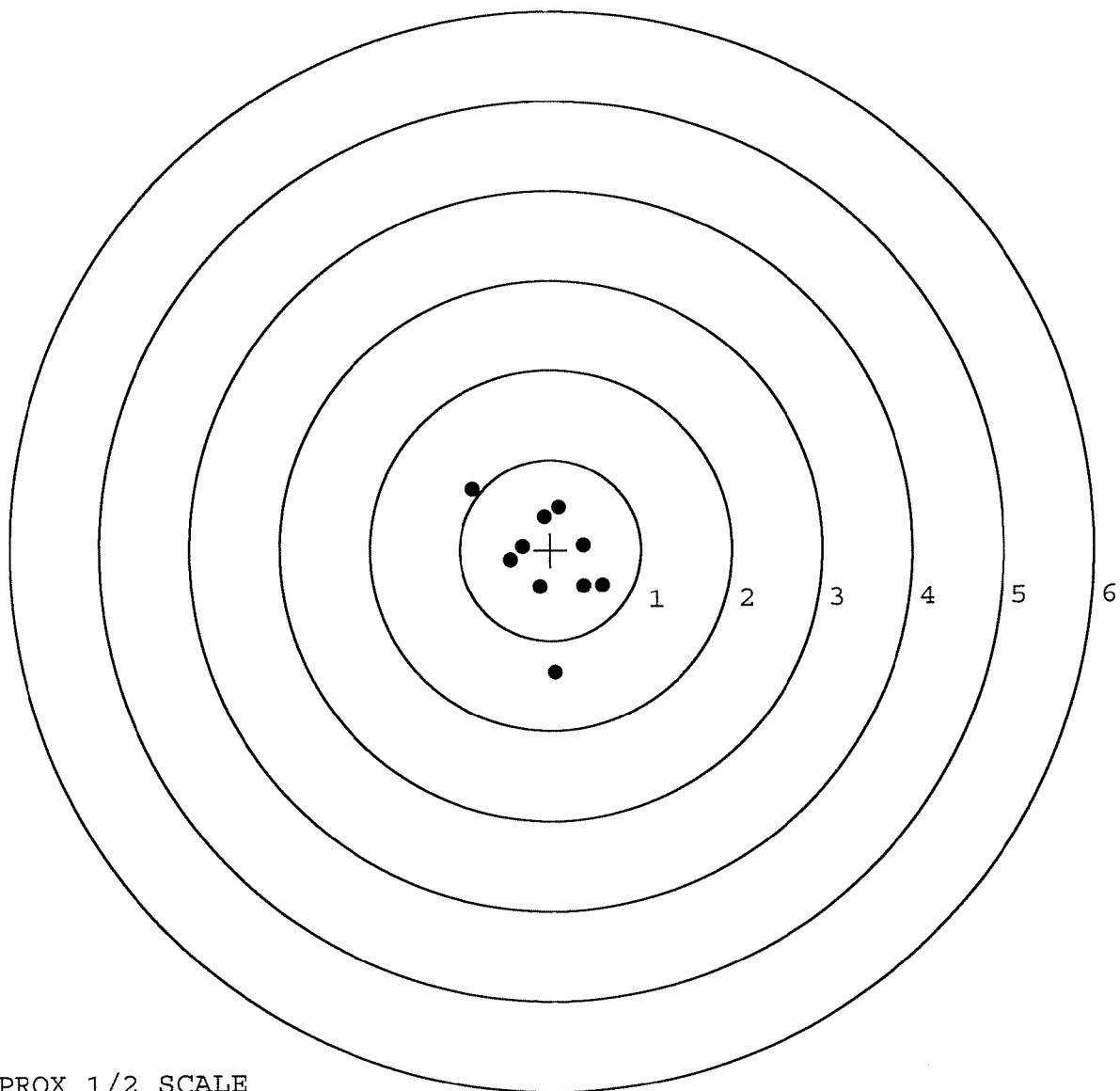
TARGET APPROX 1/2 SCALE

BARBER - M24 0163124

SERIAL NUMBER: G6300613. __0
TARGET NUMBER: 3
FILE DATE: 12/16/2006
FILE TIME: 06:00

X CENTROID: -0.035
Y CENTROID: -0.110
POA TO CENTROID: 0.115
HORZ SPREAD: 1.431
VERT SPREAD: 2.031
GROUP SPREAD: 2.221
MIN RADIUS: 0.312
MAX RADIUS: 1.250
MEAN RADIUS: 0.610
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.044	-1.357
2:	0.577	-0.397
3:	0.370	-0.405
4:	0.370	0.051
5:	-0.121	-0.410
6:	-0.854	0.674
7:	0.094	0.468
8:	-0.070	0.361
9:	-0.446	-0.116
10:	-0.311	0.035



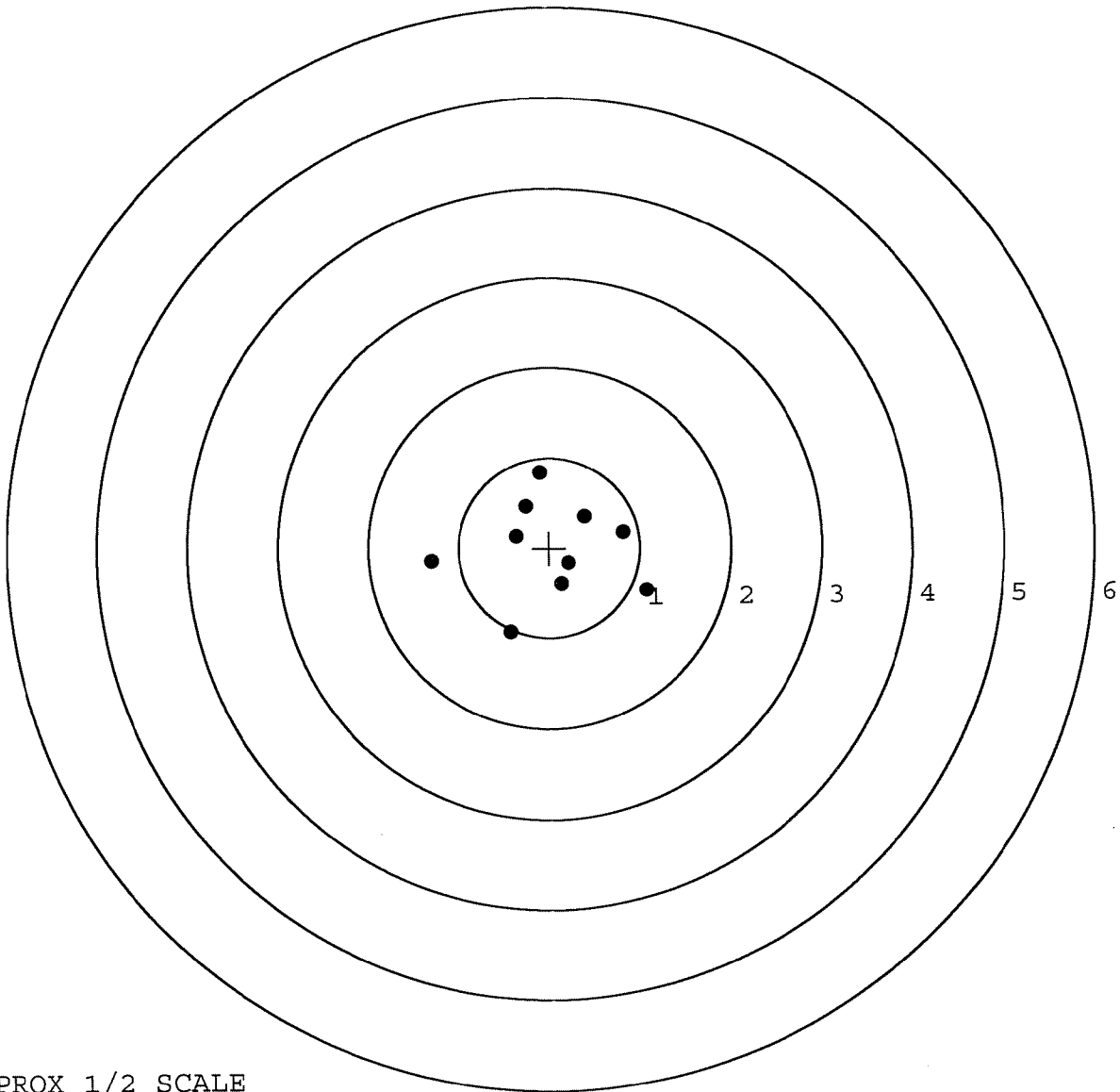
TARGET APPROX 1/2 SCALE

BARBER - M24 0163125

SERIAL NUMBER: G6300613. __0
TARGET NUMBER: 4
FILE DATE: 12/16/2006
FILE TIME: 06:00

X CENTROID: 0.017
Y CENTROID: -0.019
POA TO CENTROID: 0.025
HORZ SPREAD: 2.373
VERT SPREAD: 1.783
GROUP SPREAD: 2.397
MIN RADIUS: 0.251
MAX RADIUS: 1.327
MEAN RADIUS: 0.734
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-1.304	-0.142
2:	-0.429	-0.944
3:	1.069	-0.481
4:	0.135	-0.406
5:	0.216	-0.172
6:	0.817	0.173
7:	0.396	0.351
8:	-0.105	0.839
9:	-0.260	0.465
10:	-0.365	0.130



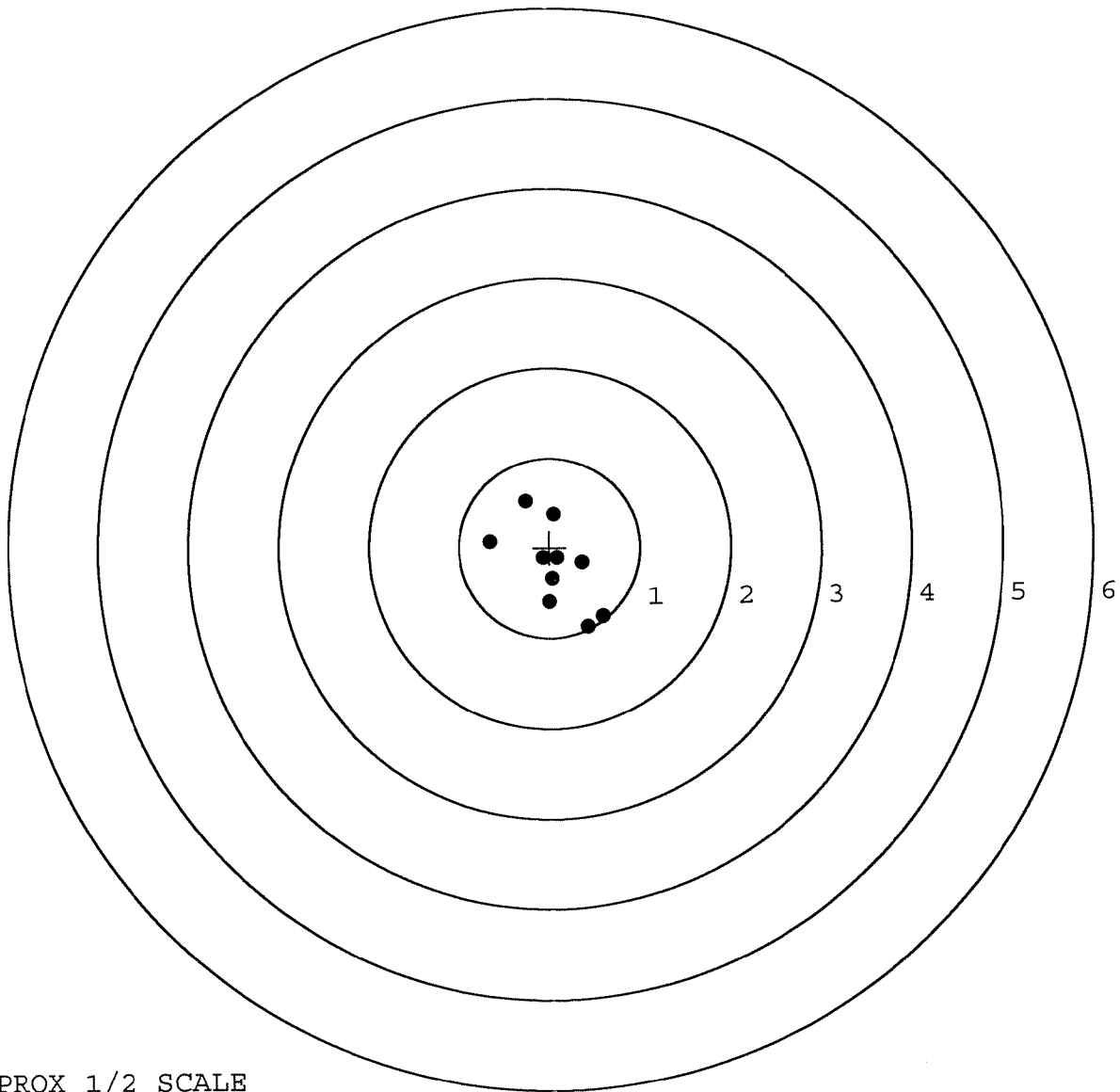
TARGET APPROX 1/2 SCALE

BARBER - M24 0163126

SERIAL NUMBER: G6300613. __0
TARGET NUMBER: 5
FILE DATE: 12/16/2006
FILE TIME: 06:00

X CENTROID: 0.054
Y CENTROID: -0.206
POA TO CENTROID: 0.213
HORZ SPREAD: 1.252
VERT SPREAD: 1.400
GROUP SPREAD: 1.559
MIN RADIUS: 0.097
MAX RADIUS: 0.787
MEAN RADIUS: 0.480
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.264	0.514
2:	-0.659	0.069
3:	0.049	0.371
4:	0.593	-0.769
5:	0.423	-0.886
6:	-0.013	-0.611
7:	0.033	-0.347
8:	0.363	-0.168
9:	-0.074	-0.116
10:	0.086	-0.114



TARGET APPROX 1/2 SCALE

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER	120763		
SERIAL NUMBER	C6300613		
LOG-IN DATE	11-27-06		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	11-29-06	RTZ
505	RE-BARREL	11-30-06	RTZ
420	ASSEMBLE	12-4-06	RTZ
440	PROOF	MAGNA-FLUX INSPECTED DEC 05 2006 OPERATOR APD	TRW
460	CHECK HEADSPACE	12-4-06	TRW
470	DIS-ASSEMBLE GUN	12-4-06	BLC
480	MAGNAFLUX	12-5-06	APD
510	DRILL AND TAP	12-4-06	SD
500	ROLLMARK CALIBER	12-5-06	CW
520	GOFF BLAST BBL / REC	12-5-06	SD
530 & 540	APPLY COATINGS	12-7-06	FB
560	FINAL ASSEMBLY	12-14-06	RTZ
640	FUNCTION TEST AND	PASS FAIL 12-15-06	TRW
650	TARGET	PASS FAIL 12-15-06	TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	12-15-06 WR
670	FINAL INSPECTION		
	A) HEADSPACE	PASS FAIL 12-18-06	BLC
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS 2.79 2.77 2.73 2.70 2.85	12-16-06 OA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX 6.2 6.5 6.2	12-16-06 OA
	G) SAFETY OFF FORCE	2 LBS MIN 2.2 2.2 2.2	12-16-06 OA
	I) FIRING PIN INDENT	.020 .022 .023 .023	12-16-06 OA
690	PACK		12-19-06 OA

F006 REV 5/2006

FINAL INSPECTION CHECKLIST

BARREL ASSEMBLY

BARREL_____
RECEIVER_____
FRONT SIGHT BASE_____
REAR SIGHT BASE_____
SCREWS_____
FINISH

STOCK ASSEMBLY

STOCK_____
SLING SWIVEL STUDS_____
BUTT PATE_____
LOCK NUTS_____
BARREL CLEARANCE_____
COLOR / FINISH

SCOPE ASSEMBLY

SCOPE_____
SCOPE RINGS_____
MOUNTING SCREWS_____
MOUNTING BASE_____
SCREWS_____
FINISH_____
CLARITY

SYSTEM CASE

SCOPE CASE_____
IRON SIGHTS_____
DEPLOYMENT KIT

TRIGGER ASSEMBLY

SAFETY OPERATION_____
RE-SET TO FACTORY
SPECS

COMMENTS: _____

F006 REV 5/2006

Repair Number: RE00079559	Serial: C6225519 Model M24 SWS Center Fire Caliber: 7.62 NATO	Repairman:	Status: Closed 4/2/2004 12:53:56 PM																
Address Information Customer: ☒ Received From Return To: ☐ Received From Name: B CO 1/7 SFG A B CO 1/7 SFG A Address 1: Address 2: PO Box: PO Box: City: FORT BRAGG FORT BRAGG State: NC Zip Code: 28310 Country: US State: NC Zip Code: 28310 Country: US FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐																			
<table border="1"> <tr> <td>Contact / Condition</td> <td>Problems</td> <td>Estimate</td> <td>History / Status</td> <td>Shipping / Billing</td> </tr> </table>				Contact / Condition	Problems	Estimate	History / Status	Shipping / Billing											
Contact / Condition	Problems	Estimate	History / Status	Shipping / Billing															
Contact Information Phone: 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 Studs</td> <td>3</td> </tr> <tr> <td>A010</td> <td>Hard Case</td> <td>1</td> </tr> <tr> <td>A017</td> <td>Scope Bases</td> <td>3</td> </tr> <tr> <td>X001</td> <td>Deployment Kit</td> <td>1</td> </tr> </tbody> </table>	Code	Desc	Qty	A007	With Studs	3	A010	Hard Case	1	A017	Scope Bases	3	X001	Deployment Kit	1
Code	Desc	Qty																	
A007	With Studs	3																	
A010	Hard Case	1																	
A017	Scope Bases	3																	
X001	Deployment Kit	1																	
Repair Search		Refresh Close																	

negleij 4/2/2004 2:03 PM CAPS NUM INS SCRL

start 4 3

G6300 613 (New)

Serial Number: ~~C6225519~~

Model: M24 SWS

RE00079559

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6300613.___0
FILE DATE AND TIME: 04/20/2004 06:47

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.096
The Average Y Centroid of the Five Target Set:	-0.117
The Average Point of Impact of the Five Target Set:	0.151
The Average Mean Radius of the Five Target Set:	0.728
The Distance from POA to Centroid Target #1:	0.071
The Distance from Centroid Target #2 to Centroid Target #1:	0.232
The Distance from Centroid Target #3 to Centroid Target #1:	0.224
The Distance from Centroid Target #4 to Centroid Target #1:	0.156
The Distance from Centroid Target #5 to Centroid Target #1:	0.040

BARBER - M24 0163131

SERIAL NUMBER: G6300613. __0

TARGET NUMBER: 1

FILE DATE: 04/20/2004

FILE TIME: 06:47

X CENTROID: -0.022

Y CENTROID: -0.068

POA TO CENTROID: 0.071

HORZ SPREAD: 1.332

VERT SPREAD: 1.674

GROUP SPREAD: 1.957

MIN RADIUS: 0.379

MAX RADIUS: 1.014

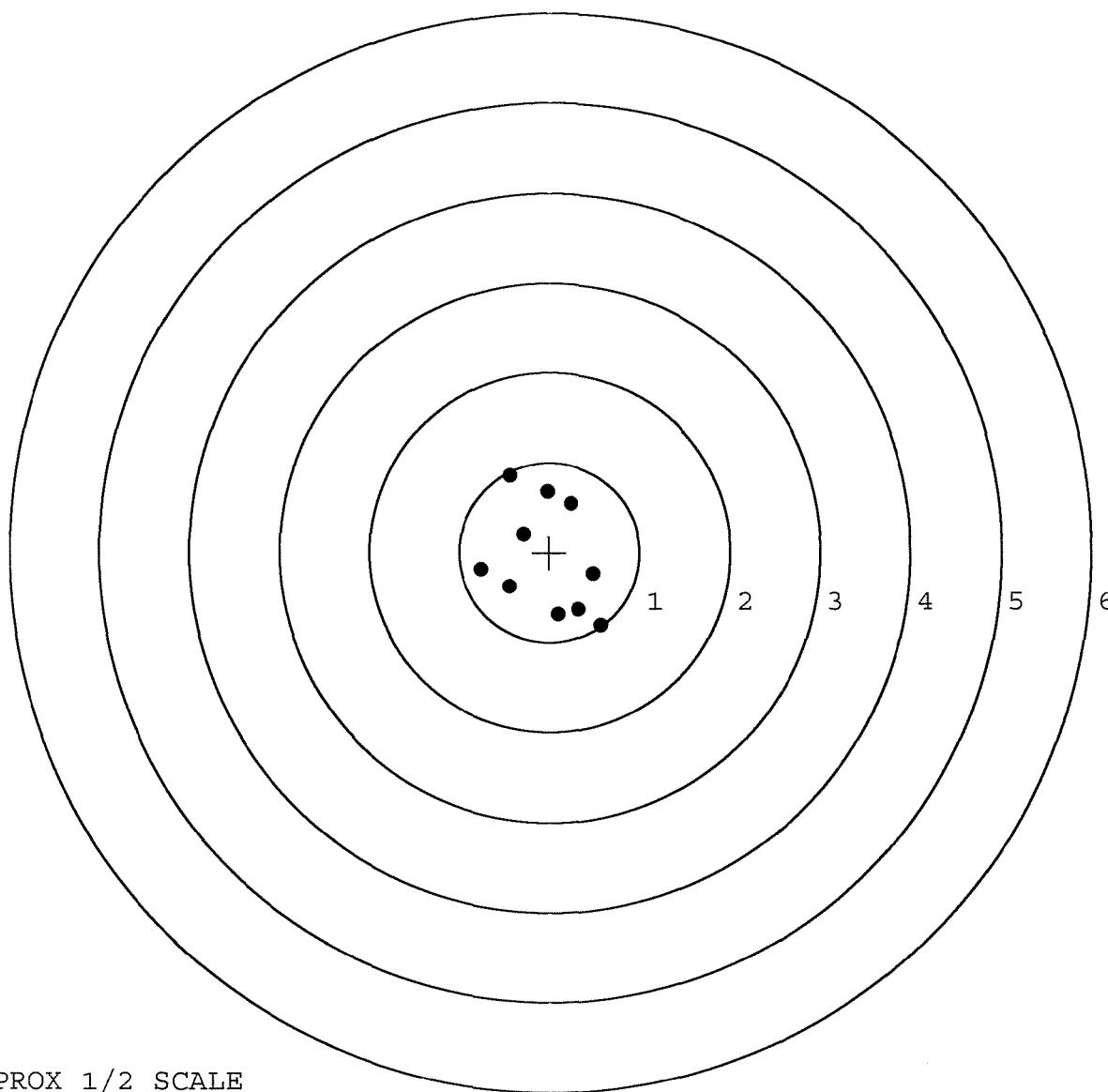
MEAN RADIUS: 0.688

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.573	-0.818
2:	0.095	-0.696
3:	0.324	-0.635
4:	0.490	-0.240
5:	-0.441	-0.385
6:	-0.759	-0.187
7:	-0.284	0.205
8:	0.246	0.542
9:	-0.021	0.677
10:	-0.440	0.856

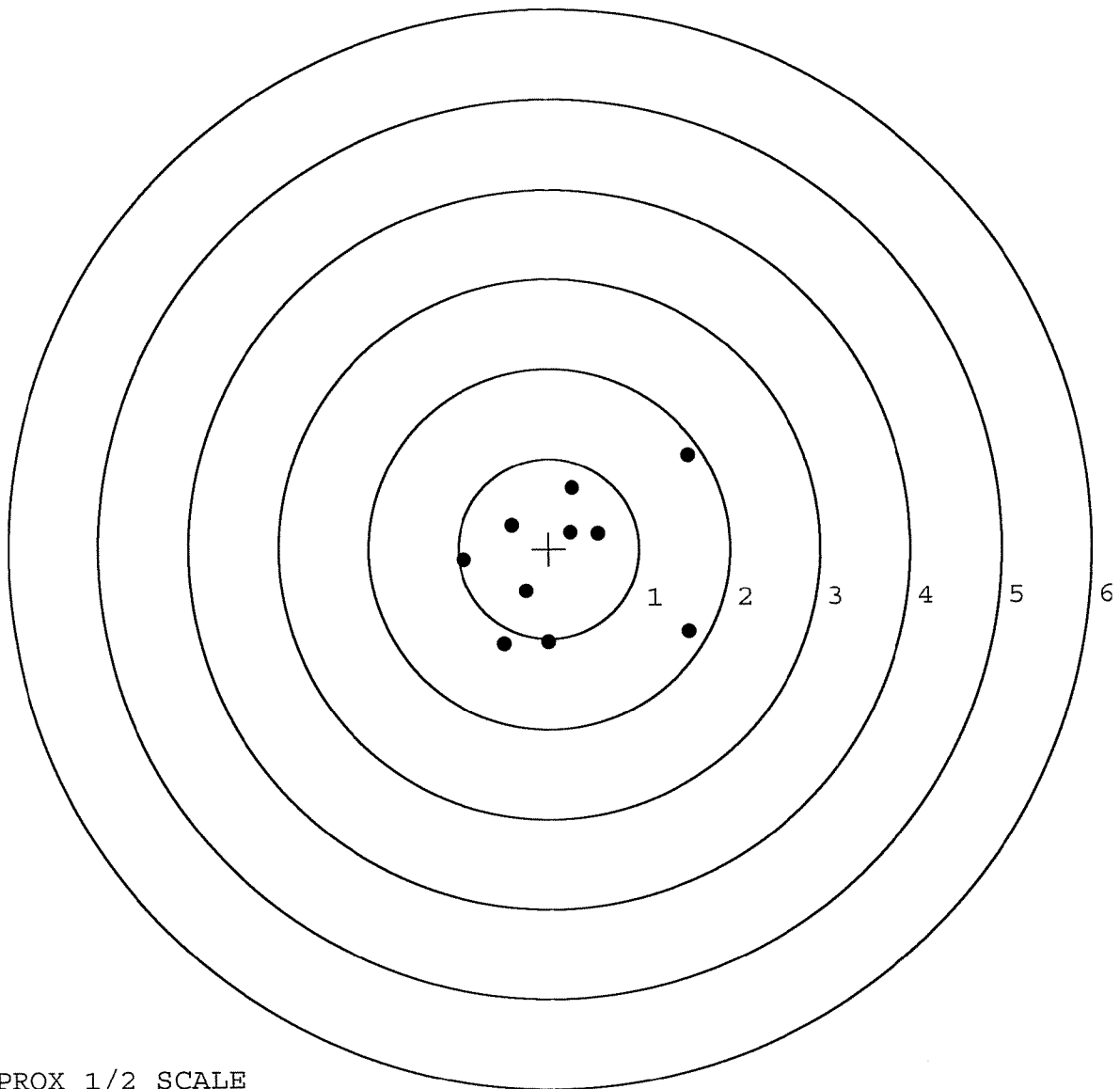


TARGET APPROX 1/2 SCALE

BARBER - M24 0163132

SERIAL NUMBER: G6300613. __0
TARGET NUMBER: 2
FILE DATE: 04/20/2004
FILE TIME: 06:47

		POINT#	X	Y
		1:	-0.017	-1.045
		2:	-0.505	-1.060
		3:	-0.255	-0.475
		4:	-0.940	-0.126
X CENTROID:	0.201	5:	-0.410	0.261
Y CENTROID:	-0.132	6:	0.241	0.184
POA TO CENTROID:	0.241	7:	0.549	0.172
HORZ SPREAD:	2.485	8:	0.262	0.676
VERT SPREAD:	2.093	9:	1.545	1.033
GROUP SPREAD:	2.930	10:	1.543	-0.937
MIN RADIUS:	0.318			
MAX RADIUS:	1.778			
MEAN RADIUS:	0.948			
# IN 1 IN DIAMETER:	2			
# IN 2 IN DIAMETER:	6			
# in 3 IN DIAMETER:	8			



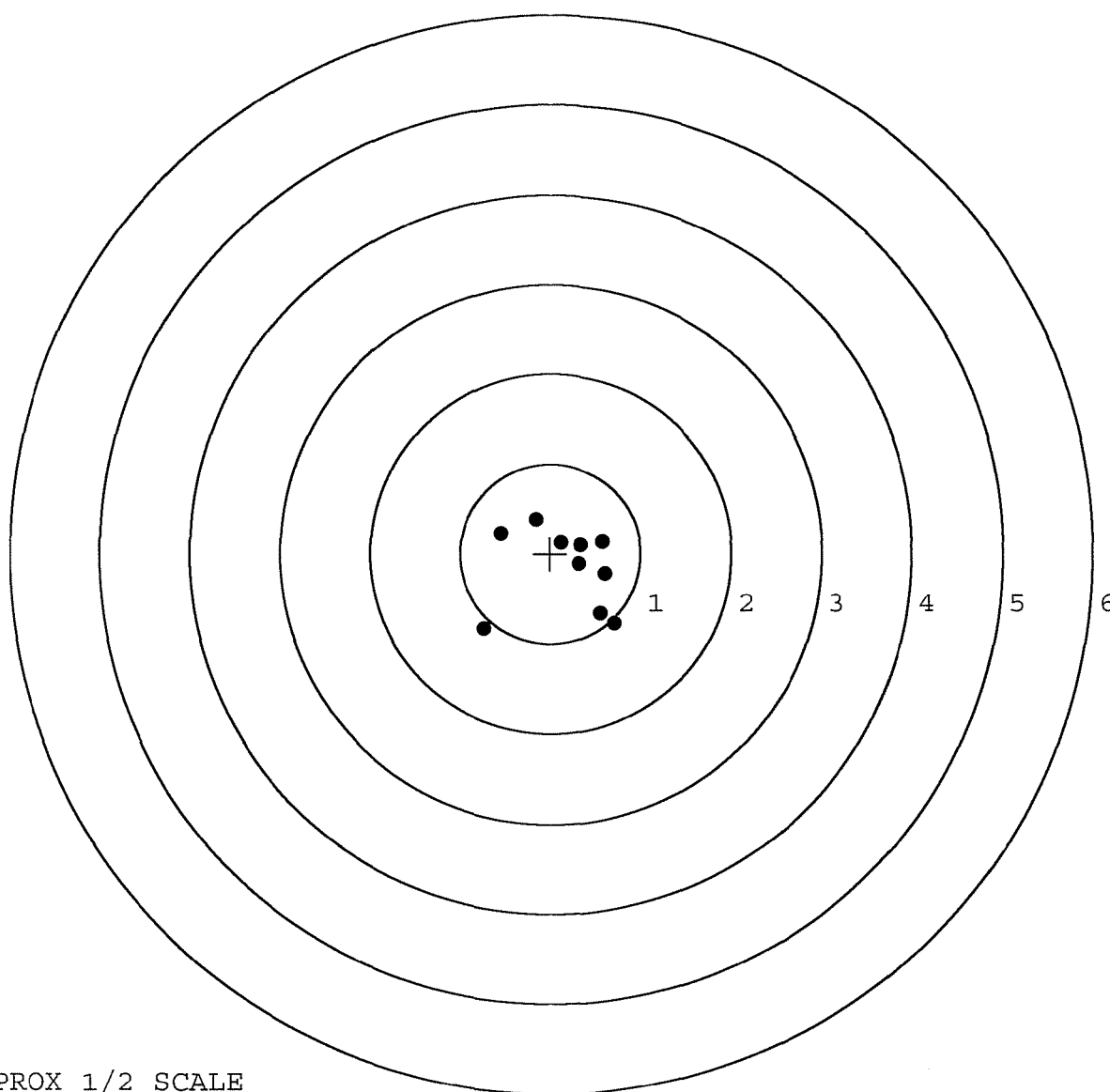
TARGET APPROX 1/2 SCALE

BARBER - M24 0163133

SERIAL NUMBER: G6300613. __0
TARGET NUMBER: 3
FILE DATE: 04/20/2004
FILE TIME: 06:47

POINT#	X	Y
1:	0.558	-0.664
2:	0.708	-0.776
3:	-0.736	-0.839
4:	-0.549	0.223
5:	-0.165	0.377
6:	0.613	-0.221
7:	0.326	-0.113
8:	0.586	0.134
9:	0.123	0.125
10:	0.341	0.102

X CENTROID: 0.180
Y CENTROID: -0.165
POA TO CENTROID: 0.245
HORZ SPREAD: 1.444
VERT SPREAD: 1.216
GROUP SPREAD: 1.641
MIN RADIUS: 0.155
MAX RADIUS: 1.138
MEAN RADIUS: 0.574
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



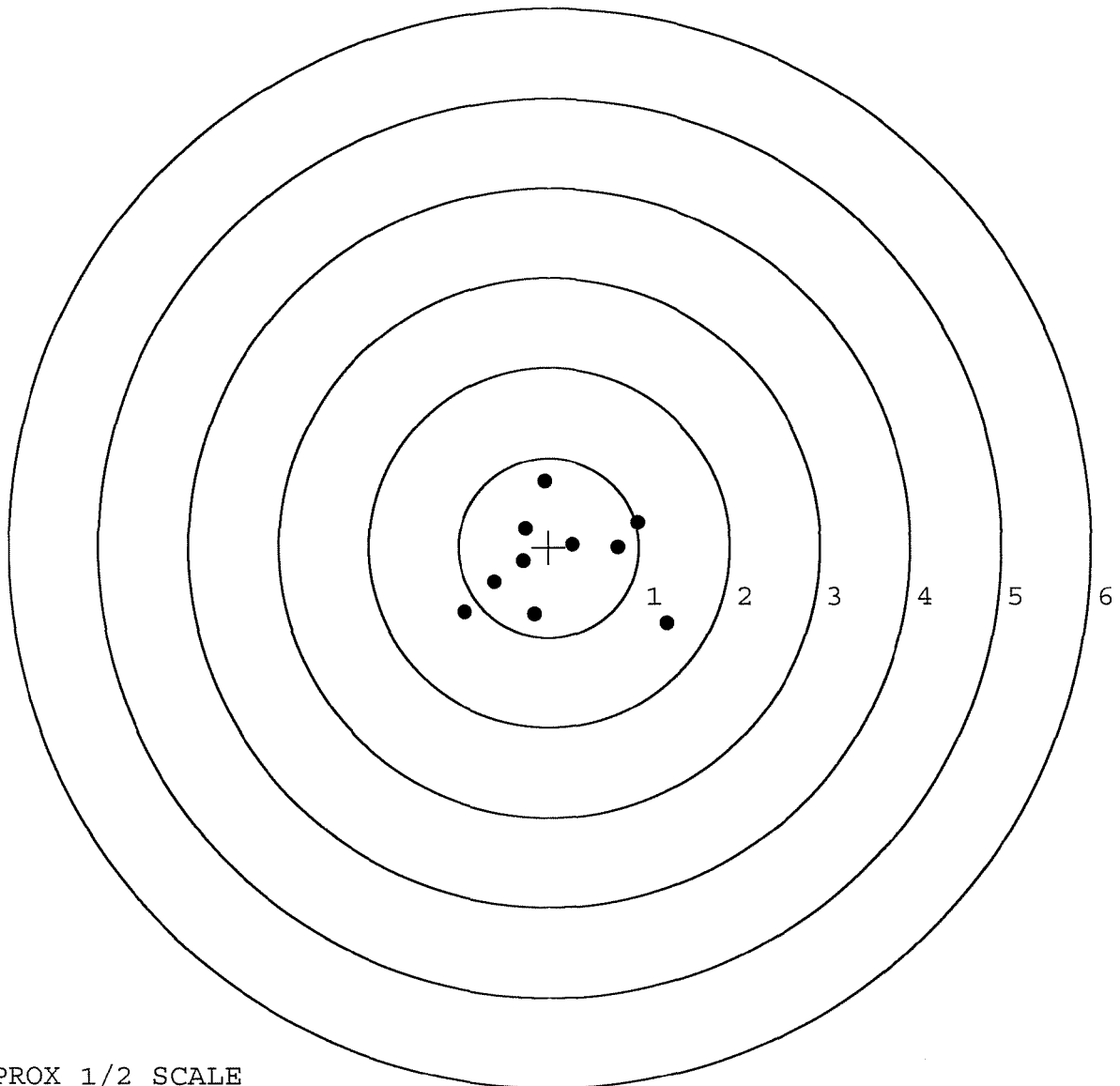
TARGET APPROX 1/2 SCALE

BARBER - M24 0163134

SERIAL NUMBER: G6300613. __0
TARGET NUMBER: 4
FILE DATE: 04/20/2004
FILE TIME: 06:47

POINT#	X	Y
1:	1.300	-0.850
2:	0.772	-0.002
3:	0.983	0.278
4:	0.273	0.032
5:	-0.164	-0.750
6:	-0.047	0.736
7:	-0.266	0.209
8:	-0.286	-0.157
9:	-0.605	-0.387
10:	-0.939	-0.733

X CENTROID: 0.102
Y CENTROID: -0.162
POA TO CENTROID: 0.192
HORZ SPREAD: 2.239
VERT SPREAD: 1.586
GROUP SPREAD: 2.242
MIN RADIUS: 0.259
MAX RADIUS: 1.381
MEAN RADIUS: 0.771
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



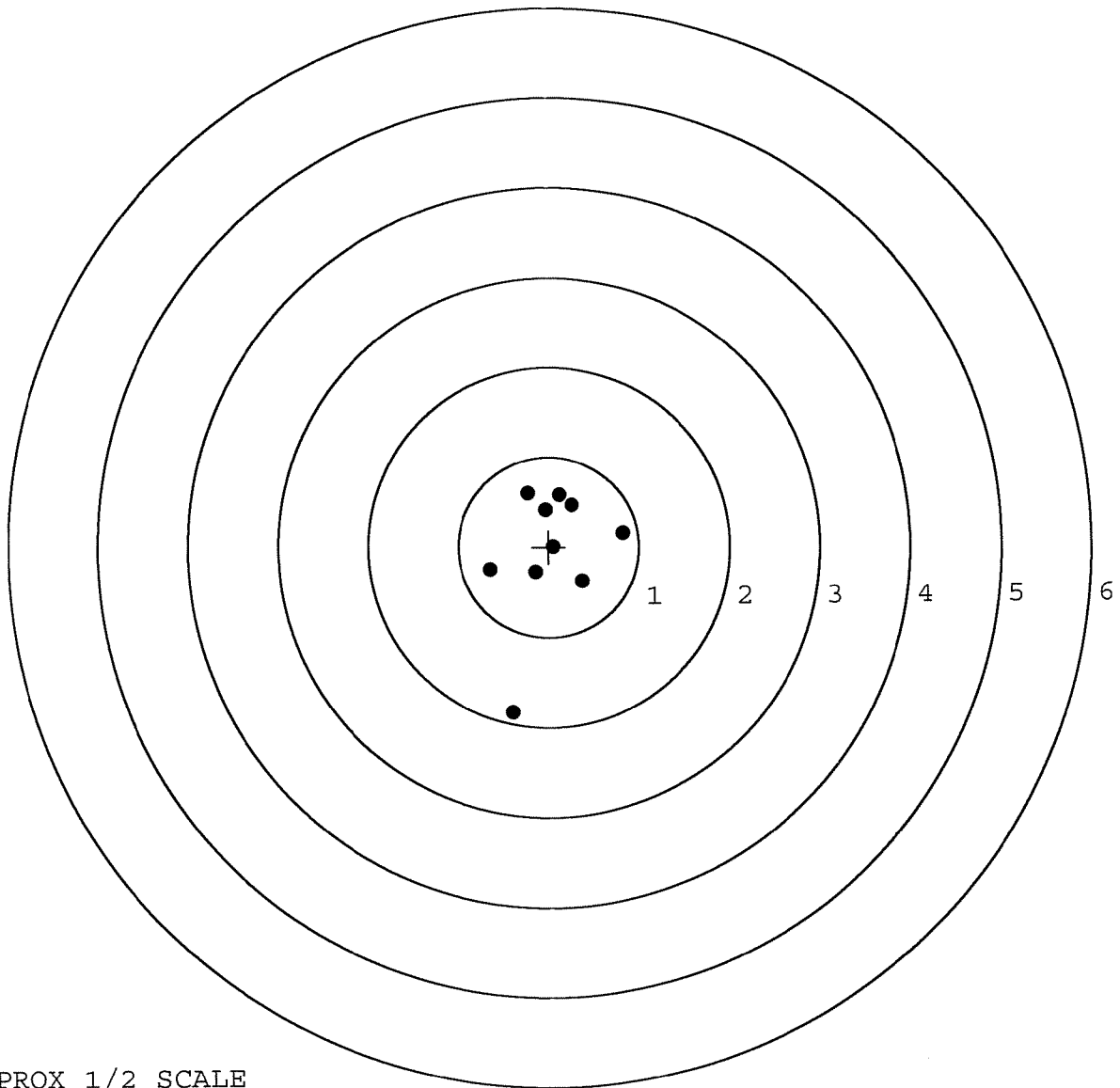
TARGET APPROX 1/2 SCALE

BARBER - M24 0163135

SERIAL NUMBER: G6300613. __0
TARGET NUMBER: 5
FILE DATE: 04/20/2004
FILE TIME: 06:47

X CENTROID: 0.017
Y CENTROID: -0.057
POA TO CENTROID: 0.060
HORZ SPREAD: 1.473
VERT SPREAD: 2.432
GROUP SPREAD: 2.472
MIN RADIUS: 0.060
MAX RADIUS: 1.831
MEAN RADIUS: 0.657
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.410	-1.838
2:	0.379	-0.386
3:	0.826	0.151
4:	-0.150	-0.284
5:	-0.647	-0.253
6:	0.047	-0.005
7:	0.266	0.461
8:	-0.036	0.411
9:	0.125	0.575
10:	-0.228	0.594



TARGET APPROX 1/2 SCALE

[illegible]

R & E NUMBER	79559		
SERIAL NUMBER	C6022-5519	G6300613	(New)
LOG-IN DATE	4-2-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	4-5-04	RTL
560 A	RE-BARREL	4-6-04	RTL
B	DRILL AND TAP		
575	ASSEMBLE	4-6-04	RTL
600	PROOF	4-12-04	RTL
605	CHECK HEADSPACE	4-12-04	RTL
610	DIS-ASSEMBLE GUN	4-13-04	RTL
612	MAGNAFLUX		OPERATOR BS
615	ROLLMARK CALIBER	4-13-04	RTL
618	ROTO-BLAST	4/14/04	DG
620	APPLY COATINGS	4-16	TA
625 A	FINAL ASSEMBLY	4-19-04	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	4-20-04	TRW
655	FINAL INSPECT	4-21-04	RTL
660	PACK	4-27-04	RA
		SHIP DATE	
	QAR INSPECTION DATE		

Remington®

MODEL 700™ H24

MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off. Marca Registrada Marque Deposee.

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

REG. U.S. PAT. & T.M. OFF.

DUPONT

SERIAL NO.
C6225519

ORDER NO.
5716

20

5716 C6225519

UPC

0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225519

OP.#	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and stock	9 12 88		FB
600	Proof	9 19 88		RW
607	Check Headspace	9 19 88		RW
610	Dis-assemble gun	9 19 88		RW
612	Magnaflux Barrel Action		9-22-88	D/K
	Magnaflux Bolt		9-22-88	D/K
615	Rollmark Caliber		10-72	GS
617	Drill & Tap Sight Holes		10-73	F.B.
618	Polish Barrel		10-74	WJT
620	Apply Coatings (Barrel Action)		10-31-88	TJA
	Apply Coatings (Bolt)		10-31-88	TJA
625	Final Assembly A) Clean inside of Bolt Assembly		1/12/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/12/89	RW
	C) Inspect Ejector Hole for Chamfer		1/12/89	RW

OVER

BARBER - M24 0163140

OP. #		READINGS	DATE	INITIAL
625 cont.	D) Oil Firing Pin Ass'y		1/12/89	RW
	E) Adjust Trigger Pull to Min. Setting and Stake		11 Jan 89	QJL
	F) Safety on Force	5 5 5	11 Jan 89	QJL
	G) Safety off Force	3 3 3	11 Jan 89	QJL
	H) Trigger Pull Test & Retainability		11 Jan 89	QJL
	I) Firing Pin Indent	.021 .021 .021	11 Jan 89	QJL
	J) Assemble Stock		1/12/89	RW
	K) Attach Front & Rear Sight Assemblies		1/12/89	RW
	L) Iron Sight Alignment		1/12/89	RW
	M) Detach Front & Rear Sights & place in numbered container		1/12/89	RW
	N) Attach Scope to Rifle		13 Jan 89	QJL
	O) Detach & Attach Scope 20 times		13 Jan 89	QJL
640	Gallery Target & Test	54R 96L	1/24/89	AC
	A) Optical Clarity of Scope	OK	1/24/89	K
645	Inspect for Live Ammo	NONE	1/24/89	K
655	Final Inspection			
	A) Headspace		31 Jan 89	QJL
	B) Trigger Pull	2.66 2.69 2.54	2.58 2.70	QJL
	C) Function		31 Jan 89	QJL
	D) Assemble Swivel Studs		31 Jan 89	QJL
660	Pack		27 Mar 89	QJL

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

SERIAL NO. 5519DATE 4-3-90TESTER JD

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.57	2.57		2.46	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.56	2.34		2.44	
PULL #3	2.51	2.51		2.40	
PULL #4	2.54	2.30		2.47	
PULL #5	2.55	2.52		2.42	
TOTAL	12.73	12.24		12.19	
AVG.	2.546	2.448		2.438	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.42	3.38		
PULL #2	3.34	3.43		
PULL #3	3.36	3.40		
PULL #4	3.41	3.42		
PULL #5	3.37	3.35		
TOTAL	16.90	16.98		
AVG.	3.38	3.396		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.44	4.34		
PULL #2	4.19	4.31		
PULL #3	4.20	4.31		
PULL #4	4.15	4.28		
PULL #5	4.18	4.24		
TOTAL	21.16	21.48		
AVG.	4.232	4.296		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225519
26 Jan 1989

CENTROIDAL DISTANCES

0 TO	1	.567342
1 TO	2	.297437
1 TO	3	.41758
1 TO	4	.406059
1 TO	5	.958188

$\bar{x} = \frac{\sum x_i}{n}$ <----FOR

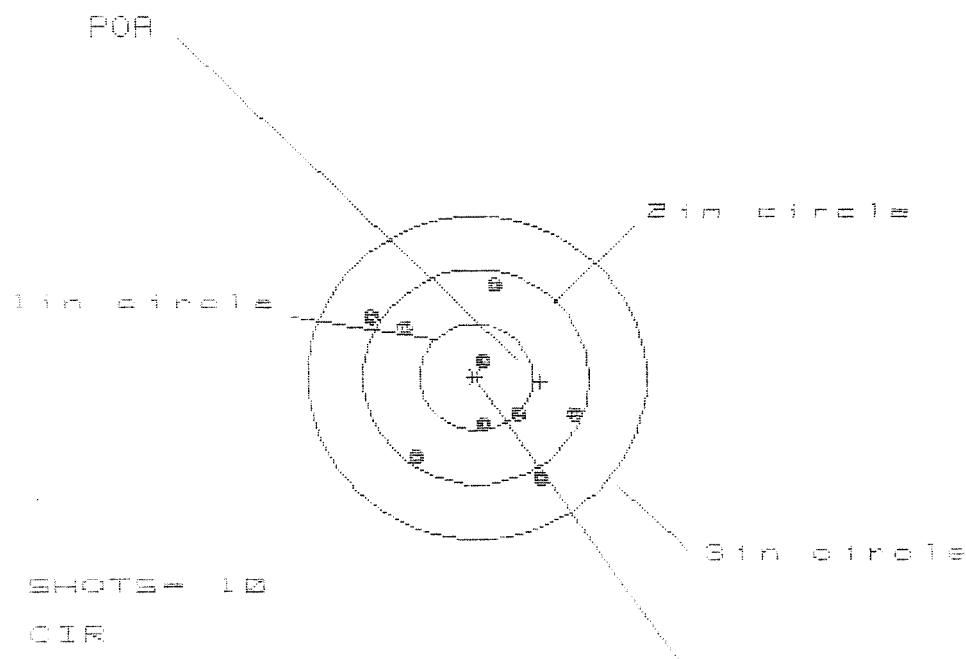
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2966
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .255
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .391148
THE AMR FOR THIS RIFLE IS: .9158

25 Jan 1985

FILE:/PATTERNING/CENTERFIRE_PATT/CS225513

CENTERFIRE PATTERNS

1



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 8

3 in = 10

HS= 1.755

VS= 1.835

GS= 2.116

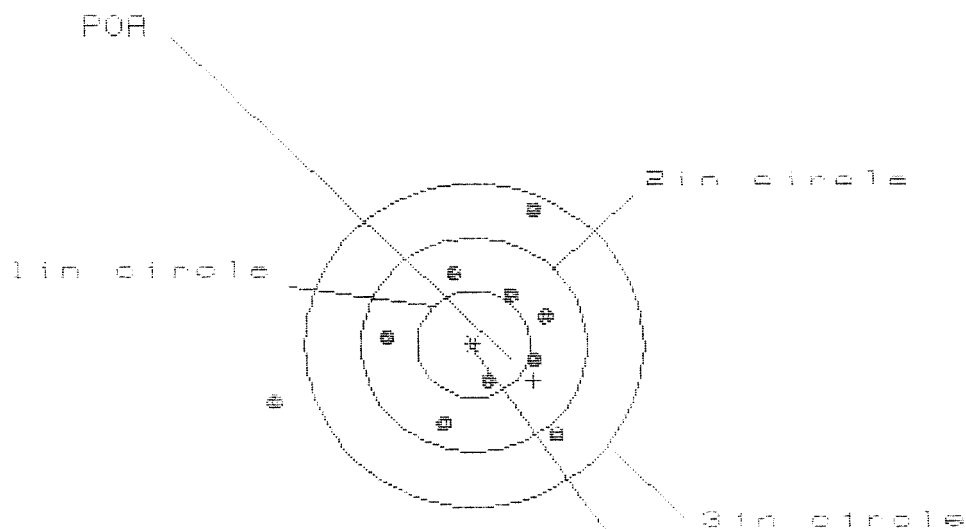
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.824	.884	.774
MINIMUM X	-.942	-.882	-.738
MAXIMUM Y	.849	.739	.791
MINIMUM Y	-.986	-.888	-.836
CENTROID X	-.566	-.626	-.516
CENTROID Y	.039	.148	.096
POA TO CENTROID in.	.567	.643	.525
MIN RADIUS	.165	.125	.098
MEAN RADIUS	.761	.717	.667
MAX RADIUS	1.125	1.022	1.039
HORIZONTAL SPREAD	1.766	1.766	1.504
VERTICAL SPREAD	1.835	1.627	1.627
EXTREME SPREAD	2.116	1.962	1.781
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	

25 Jan 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225519

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 7

3 in = 9

HS = 2.551

VS = 2.064

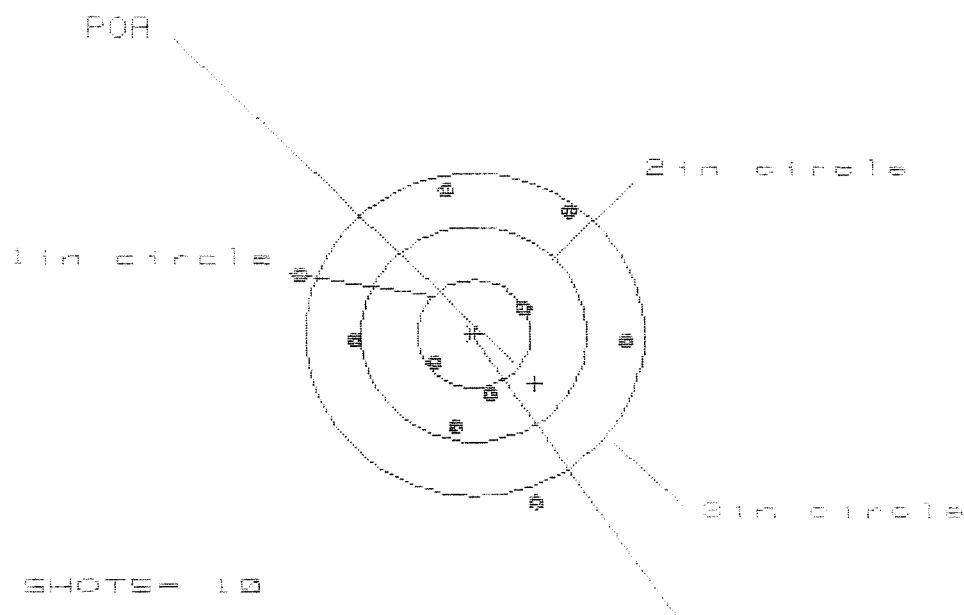
GS = 2.929

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.740	.539	.579
MINIMUM X	-1.811	-.940	-.900
MAXIMUM Y	1.225	1.164	.727
MINIMUM Y	-.839	-.900	-.755
CENTROID X	-.528	-.327	-.367
CENTROID Y	.334	.395	.250
POA TO CENTROID in.	.625	.513	.444
MIN RADIUS	.356	.392	.243
MEAN RADIUS	.871	.722	.652
MAX RADIUS	1.892	1.207	.951
HORIZONTAL SPREAD	2.551	1.479	1.479
VERTICAL SPREAD	2.064	2.064	1.482
EXTREME SPREAD	2.929	2.091	1.738
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

25 Jan 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225519

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS= 2.8988

VS= 2.974

GS= 3.084

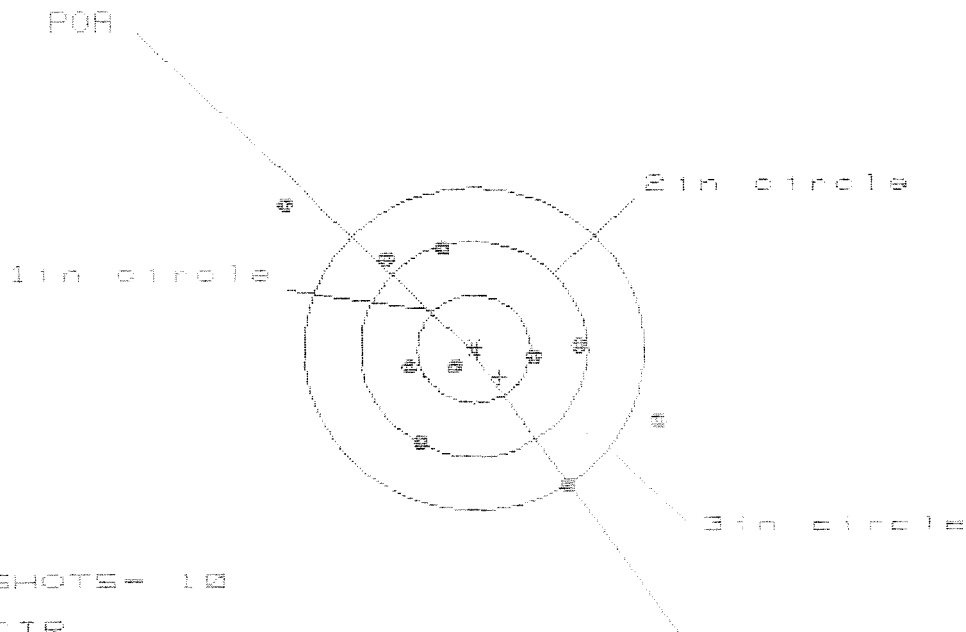
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.355	1.420	1.235
MINIMUM X	:	-1.543	-1.478	-1.214
MAXIMUM Y	:	1.375	1.198	1.250
MINIMUM Y	:	-1.599	-1.011	-0.959
CENTROID X	:	-0.544	-0.609	-0.424
CENTROID Y	:	0.456	0.633	0.581
POA TO CENTROID in.	:	0.710	0.878	0.719
MIN RADIUS	:	0.406	0.491	0.380
MEAN RADIUS	:	1.099	1.042	0.957
MAX RADIUS	:	1.701	1.536	1.300
HORIZONTAL SPREAD	:	2.898	2.898	2.449
VERTICAL SPREAD	:	2.974	2.209	2.209
EXTREME SPREAD	:	3.084	2.969	2.449
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

25 Jan 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225519

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 5

3 in = 7

HS= 3.240

VS= 2.590

GS= 3.797

CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.609	1.428	.927
MINIMUM X	-1.631	-.957	-.779
MAXIMUM Y	1.299	1.130	1.063
MINIMUM Y	-1.291	-1.146	-1.213
CENTROID X	-.226	-.045	-.223
CENTROID Y	.261	.116	.183
POA TO CENTROID in.	.345	.125	.289
MIN RADIUS	.266	.359	.222
MEAN RADIUS	1.080	.959	.864
MAX RADIUS	2.085	1.525	1.452
HORIZONTAL SPREAD	3.240	2.385	1.706
VERTICAL SPREAD	2.590	2.276	2.276
EXTREME SPREAD	3.797	2.839	2.667
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	7		

25 Jan 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225519

CENTERFIRE PATTERNS

5

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 2

2in = 8

3in = 9

HS= 2.591

VS= 1.180

GS= 2.847

CENTROID #

PATTERN #	5	6	7
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.109	.944	.947
MINIMUM X	-1.482	-.986	-.788
MAXIMUM Y	.597	.450	.385
MINIMUM Y	-.583	-.516	-.410
CENTROID X	.381	.546	.428
CENTROID Y	.185	.118	.183
POA TO CENTROID in.	.424	.559	.465
MIN RADIUS	.251	.299	.268
MEAN RADIUS	.768	.680	.608
MAX RADIUS	1.598	1.076	.951
HORIZONTAL SPREAD	2.591	1.850	1.735
VERTICAL SPREAD	1.180	.966	.795
EXTREME SPREAD	2.847	1.931	1.736
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	9		

BARBER - M24 0163187

COMMENTS

ORDER
R 97-09525

INITIALS CUSTOMER ORDER NO.

JJM 012060

WOG 17 OF 19
M-24

DATE RECEIVED

05/14/97

DATE OPENED

05/14/97

DATE CODE

DI 9-88

SERIAL NUMBER

C6225519

NEW SERIAL NUMBER

MODEL AND GRADE

700 7.62

NATO

ACCESSORIES

W/STUDS

SCOPE BASE

FROM:

CDR, HSC
HSC 1/7 SFG (A)
FT BRAGG

NC 28307

SHIP TO:

CDR, HSC
HSC 1/7 SFG (A)
FT BRAGG

NC
28307

CUST NO: 162915 C.O.D.L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

DOOR

GUN CONDITION

- ☐ NEW
- ☐ LIGHTLY WORN
- ☐ WORN
- ☐ VERY WORN
- ☐ UNREPAIRABLE
- ☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN

AMMO

FUNCTION

FINISH

ACCURACY

FIT

INSPECT

CYCLE

A1

B1

TRIGGER GROUP

B2

E1

F1

BOLT ASSY.

B3

E2

F2

BARREL ASSY.

B4

D1

E3

F3

REC. ASSY.

B5

D2

E4

F4

WOOD

C1

D3

E5

F5

METAL

C2

MAIN FAULT

PARTS

COMMENTS

Barrel Assy 96001

Repowder Coat Trigger Guard
Assy Front & Rear Sight Bases
Re-zinc Scope Base & Swivel
Studs

REPAIRMAN

RW

PROOF

✓

CLEAN

✓

TEST

✓

TARGET

✓

PATTERN

GALLERY TESTER

TA

DATE

5-7-97

DATE

7-10-97

DATE

7-14-97

DATE

7-14-97

DATE

OFFICE COPY

RD6925 REV. 11/96

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0163187

21 DAY TURN - AROUND

M-24

CONTRACT # DAAA09-92-C-0834

New
Barrel

R&E NO.

SERIAL NO.

C6225319

LOG IN DATE: / /

DATE

INIT.

INSPECT & VERIFY:

OP. #

OP. NAME

550

DIS-ASSEMBLE GUN

560 A

RE-BARREL AT CUSTOM SHOP

B

DRILL & TAP

C

POLISH

575

ASSEMBLE

600

PROOF

5-16-97

A

605

CHECK HEADSPACE

5-16-97

A

610

DIS-ASSEMBLE

612

MAGNAFLUX

615

ROLLMARK CALIBER

618

ROTO-BLAST

620

APPLY COATINGS

625 A

FINAL ASSEMBLY

7-10-97

RW

B

TRIGGER PULL TEST

C

SAFETY ON FORCE

D

SAFETY OFF FORCE

E

FIRING PIN INDENT

640

TARGET

7-14-97

RW

655

FINAL INSPECT

660

PACK

QAR INSPECTION

SHIP DATE

Final Inspection

Sn: C6225519

DATE REC'D: 5-14-97

DATE RET'D:

Auditor: RW

Item:

Barrel Assy.

☒ BARREL☒ RECEIVER☒ FRONT SIGHT BLOCK☒ REAR SIGHT BLOCK☒ SCREWS☒ FINISH

Scope Assy.

☐ Scope☐ Scope Rings☒ Mounting Screws☒ Mounting Base☐ Screws☐ Finish☐ Looseness☐ CLARITY

Misc.

☐ DD-250☐ BAR CODE☐ PACKAGING

Item:

Stock Assy.

☒ Stock☒ Sling Swivel Studs☒ ADJUSTABLE BUTT PLATE☒ LOCK NUTS☒ BARREL CLEARANCE☒ COLOR/FINISH

Systems Case

☐ Scope Case☐ IRON SIGHTS☐ Deployment Kit

Trigger

☒ SAFETY OPERATION☒ SET

Comments:

BARBER - M24 0163151

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6225519
15 Jul 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1914
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1834
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .265084

THE AMR FOR THIS RIFLE IS: .934

CENTROIDAL DISTANCES

0 TO 1	.650122
1 TO 2	.431213
1 TO 3	.70737
1 TO 4	.431237
1 TO 5	.56403

1
4
5+ <----POA
3

BARBER - M24 0163152

REMINGTON CENTERFIRE ACCURACY TEST

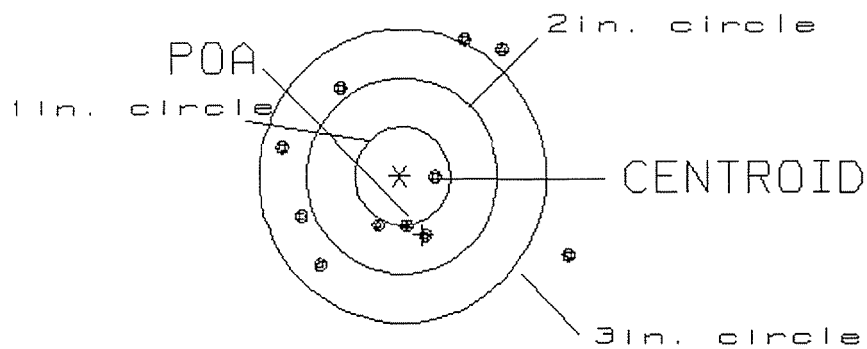
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 010
POA TO CENTROID: .650
MIN RADIUS : .364
MEAN RADIUS : 1.091
MAX RADIUS : 1.913
CENTROID X : -.243
CENTROID Y : .603

15 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225519

CENTERFIRE PATTERN # 1



OF SHOTS= 11

IN CIRCLE

HS= 2.95
VS= 2.35
GS= 3.16

1
4
8

BARBER - M24 0163153

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 2

POA TO CENTROID: .224

MIN RADIUS : .355

MEAN RADIUS : .895

MAX RADIUS : 1.719

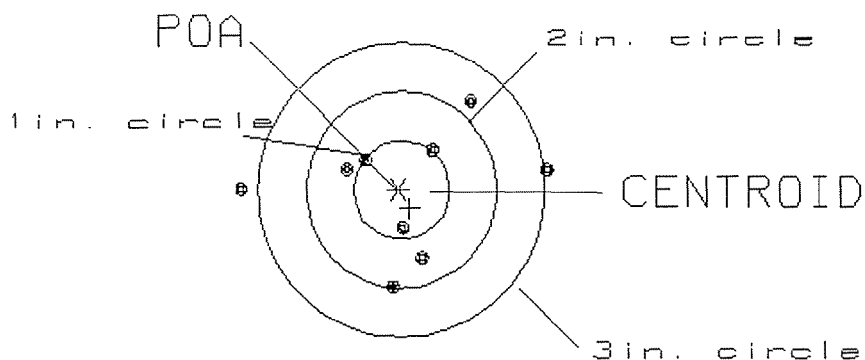
CENTROID X : -.119

CENTROID Y : .190

15 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225519

CENTERFIRE PATTERN # 2



OF SHOTS= 9

IN CIRCLE

HS= 3.27

3

VS= 1.87

6

GS= 3.28

7

BARBER - M24 0163154

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

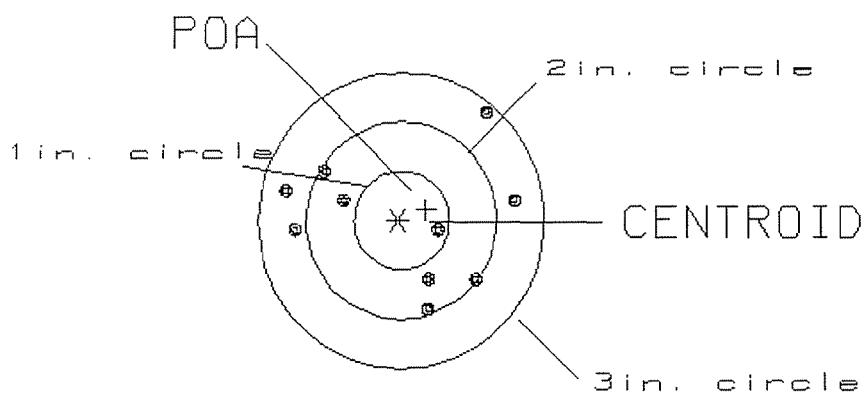
PATTERN #: ☐ 3 ☐

POA TO CENTROID: .305
MIN RADIUS : .393
MEAN RADIUS : .945
MAX RADIUS : 1.394
CENTROID X : -.287
CENTROID Y : -.103

15 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225519

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.36

1

VS= 1.96

6

GS= 2.37

10

BARBER - M24 0163155

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 4

POA TO CENTROID: .250

MIN RADIUS : .303

MEAN RADIUS : 1.043

MAX RADIUS : 3.271

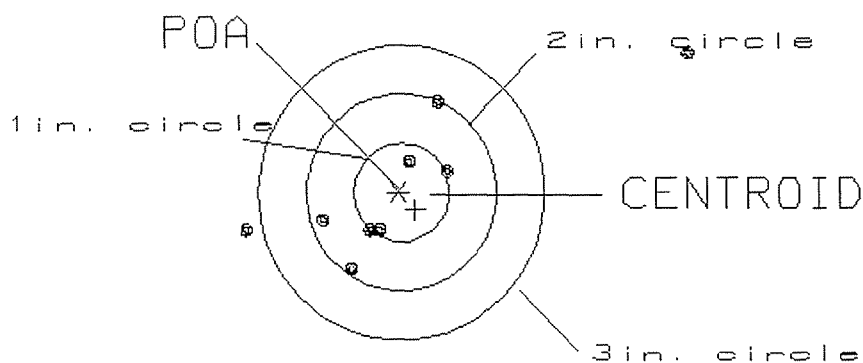
CENTROID X : -.176

CENTROID Y : .177

15 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225519

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 4.55

3

VS= 2.22

7

GS= 4.89

8

BARBER - M24 0163156

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 15

POA TO CENTROID: .141

MIN RADIUS : .306

MEAN RADIUS : .696

MAX RADIUS : 1.118

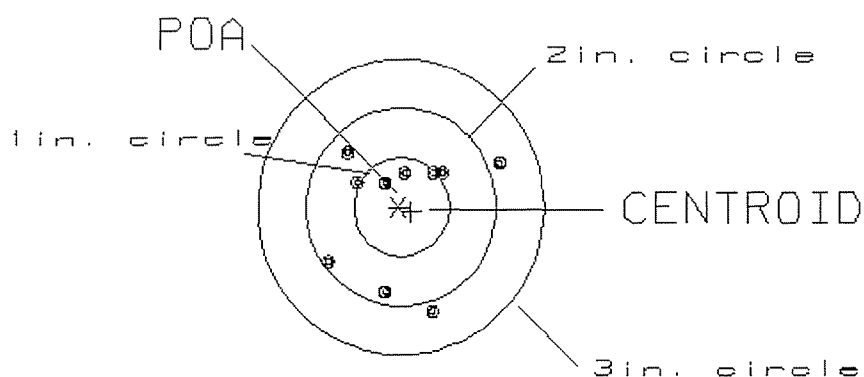
CENTROID X : -.132

CENTROID Y : .050

15 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225519

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 1.80

4

VS= 1.59

8

GS= 2.08

10