

C6587604

MODEL 700™ M24

Model **SMS**™

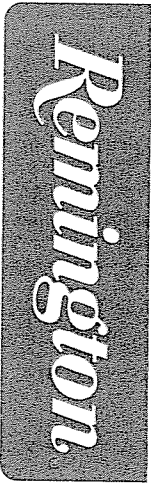
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



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: RE00140437

Serial: D6587604 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 1/23/2008 5:34:01 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: 2125TH ARMS ROOM GARRISON SUPPORT UNIT

2125TH ARMS ROOM GARRISON SUPPORT UNIT

Address 1: PRATT STREET AND GORHAM STREET

PRATT STREET AND GORHAM STREET

Address 2: ATTN: KENNETH THOMAS

PO Box:

ATTN: KENNETH THOMAS

PO Box:

City: FT BRAGG

FT 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: NN

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

nagletj

1/23/2008

1:07 PM

NUM

Serial
Number:

C6587604

Model: M24 SWS



RE00140437

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587604. __0
FILE DATE AND TIME: 02/12/2008 06:40

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

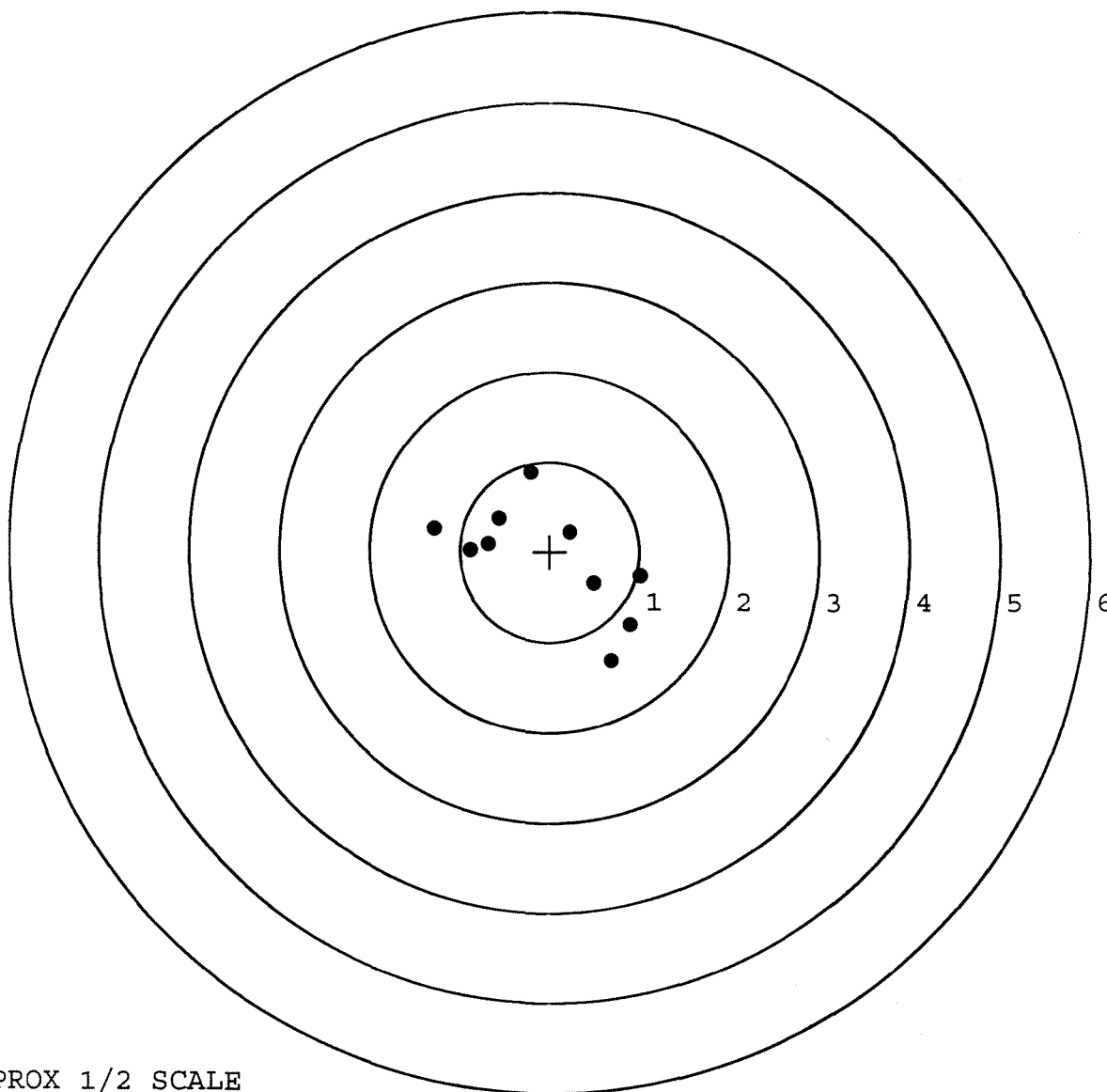
The Average X Centroid of the Five Target Set:	-0.026
The Average Y Centroid of the Five Target Set:	-0.129
The Average Point of Impact of the Five Target Set:	0.132
The Average Mean Radius of the Five Target Set:	0.898
The Distance from POA to Centroid Target #1:	0.087
The Distance from Centroid Target #2 to Centroid Target #1:	0.307
The Distance from Centroid Target #3 to Centroid Target #1:	0.105
The Distance from Centroid Target #4 to Centroid Target #1:	0.119
The Distance from Centroid Target #5 to Centroid Target #1:	0.032

BARBER - M24 0023588

SERIAL NUMBER: C6587604. __0
 TARGET NUMBER: 1
 FILE DATE: 02/12/2008
 FILE TIME: 06:40

POINT#	X	Y
1:	0.694	-1.208
2:	0.901	-0.809
3:	0.498	-0.349
4:	1.009	-0.268
5:	0.232	0.215
6:	-0.210	0.882
7:	-0.561	0.361
8:	-0.681	0.083
9:	-0.885	0.017
10:	-1.286	0.260

X CENTROID: -0.029
 Y CENTROID: -0.082
 POA TO CENTROID: 0.087
 HORZ SPREAD: 2.295
 VERT SPREAD: 2.090
 GROUP SPREAD: 2.465
 MIN RADIUS: 0.395
 MAX RADIUS: 1.338
 MEAN RADIUS: 0.907
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 10



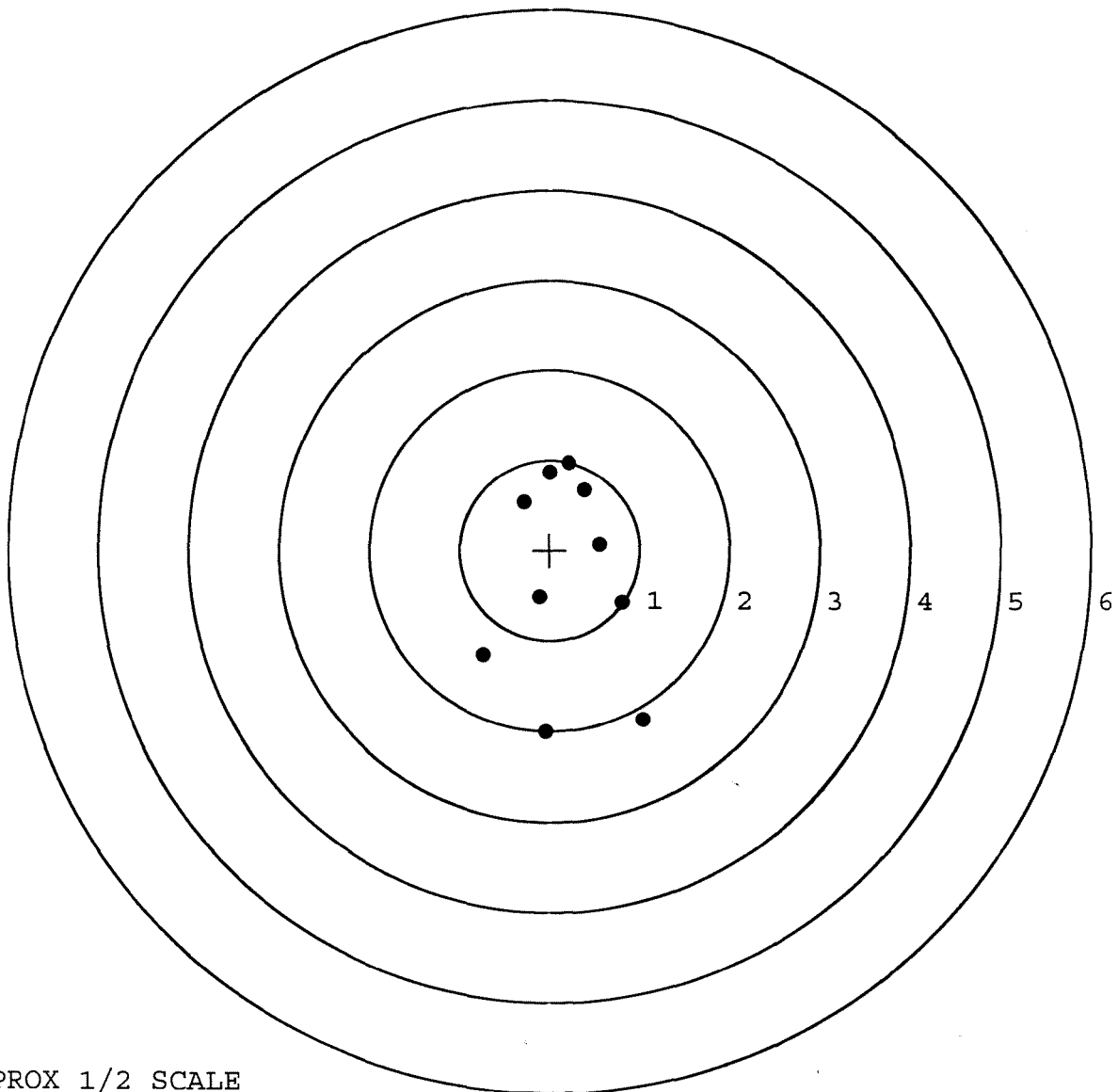
TARGET APPROX 1/2 SCALE

BARBER - M24 0023589

SERIAL NUMBER: C6587604. __0
 TARGET NUMBER: 2
 FILE DATE: 02/12/2008
 FILE TIME: 06:40

POINT#	X	Y
1:	0.812	-0.575
2:	-0.117	-0.522
3:	0.556	0.072
4:	0.392	0.677
5:	0.215	0.973
6:	0.004	0.864
7:	-0.287	0.536
8:	-0.734	-1.165
9:	-0.047	-2.020
10:	1.037	-1.879

X CENTROID: 0.183
 Y CENTROID: -0.304
 POA TO CENTROID: 0.355
 HORZ SPREAD: 1.771
 VERT SPREAD: 2.993
 GROUP SPREAD: 2.968
 MIN RADIUS: 0.371
 MAX RADIUS: 1.792
 MEAN RADIUS: 1.079
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 4
 # in 3 IN DIAMETER: 8



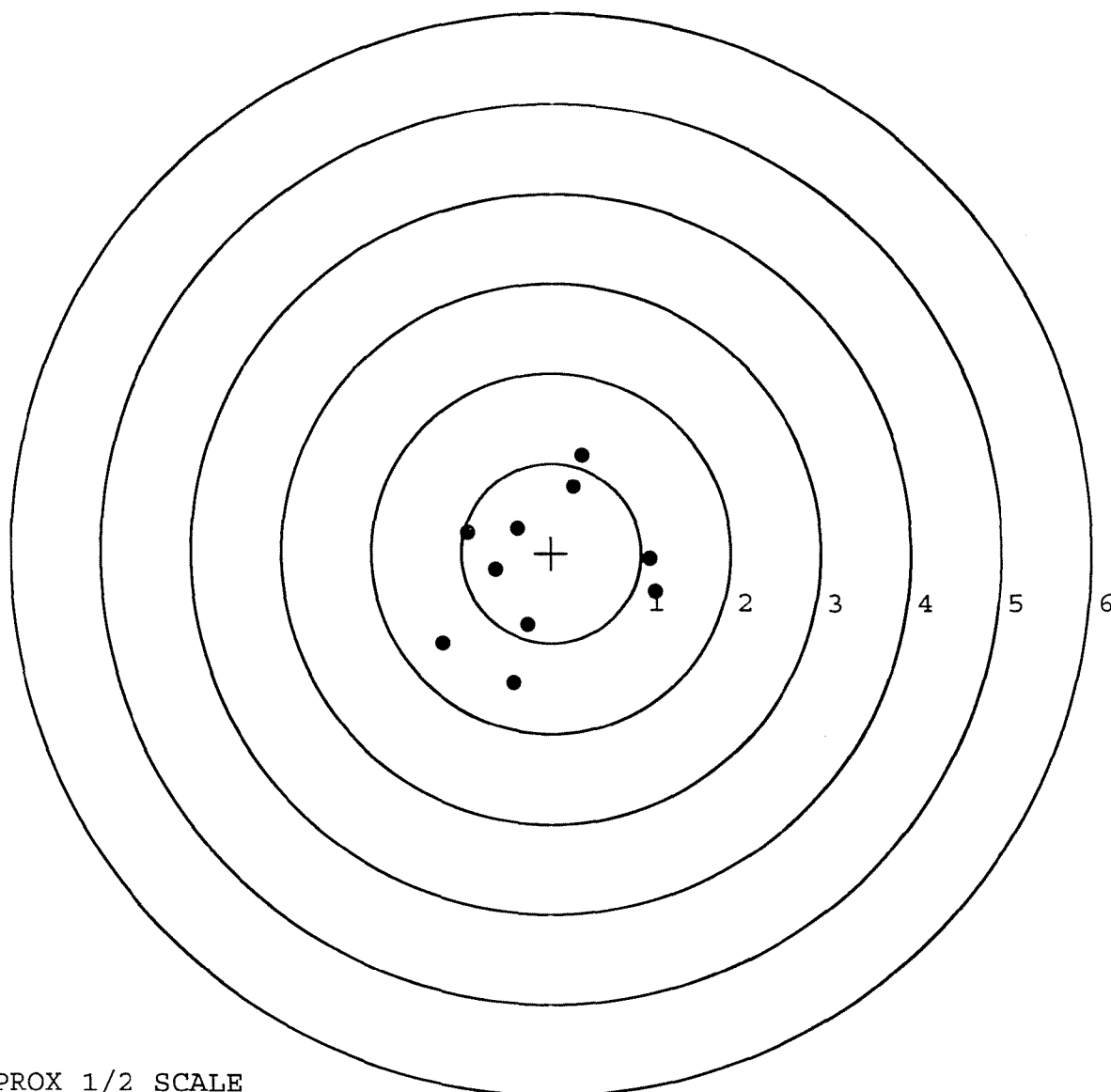
TARGET APPROX 1/2 SCALE

BARBER - M24 0023590

SERIAL NUMBER: C6587604. __0
TARGET NUMBER: 3
FILE DATE: 02/12/2008
FILE TIME: 06:40

X CENTROID: -0.096
Y CENTROID: -0.162
POA TO CENTROID: 0.188
HORZ SPREAD: 2.368
VERT SPREAD: 2.540
GROUP SPREAD: 2.617
MIN RADIUS: 0.513
MAX RADIUS: 1.399
MEAN RADIUS: 1.012
IN 1 IN DIAMETER: 0
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.157	-0.433
2:	1.096	-0.065
3:	0.250	0.736
4:	0.351	1.093
5:	-0.376	0.268
6:	-0.623	-0.190
7:	-0.929	0.233
8:	-0.261	-0.804
9:	-0.417	-1.447
10:	-1.211	-1.007



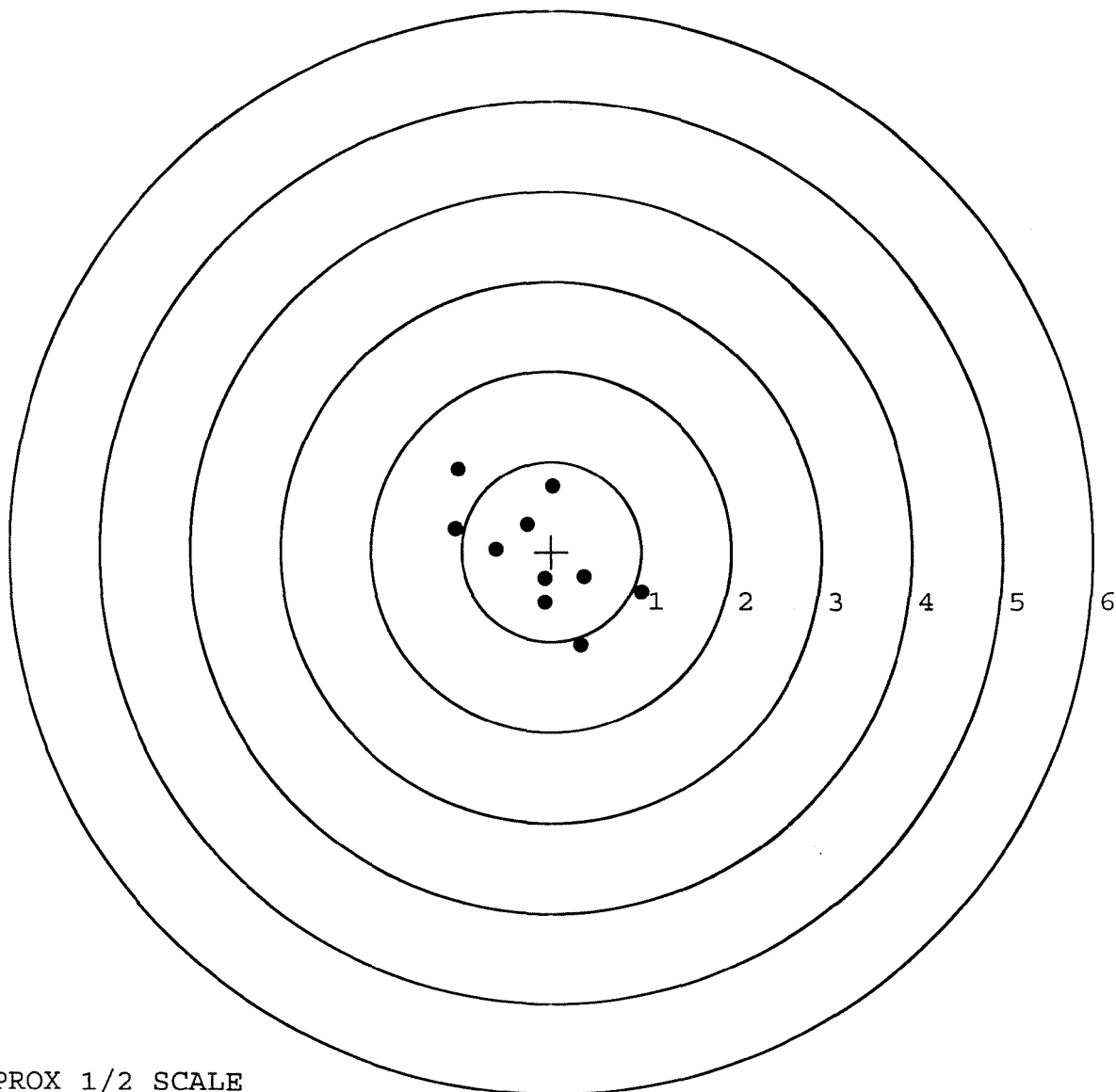
TARGET APPROX 1/2 SCALE

BARBER - M24 0023591

SERIAL NUMBER: C6587604. __0
TARGET NUMBER: 4
FILE DATE: 02/12/2008
FILE TIME: 06:40

X CENTROID: -0.143
Y CENTROID: -0.045
POA TO CENTROID: 0.150
HORZ SPREAD: 2.069
VERT SPREAD: 1.951
GROUP SPREAD: 2.454
MIN RADIUS: 0.267
MAX RADIUS: 1.309
MEAN RADIUS: 0.760
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.000	-0.457
2:	0.335	-1.042
3:	0.368	-0.286
4:	-0.071	-0.573
5:	0.016	0.722
6:	-1.039	0.909
7:	-1.069	0.251
8:	-0.615	0.026
9:	-0.273	0.301
10:	-0.079	-0.305



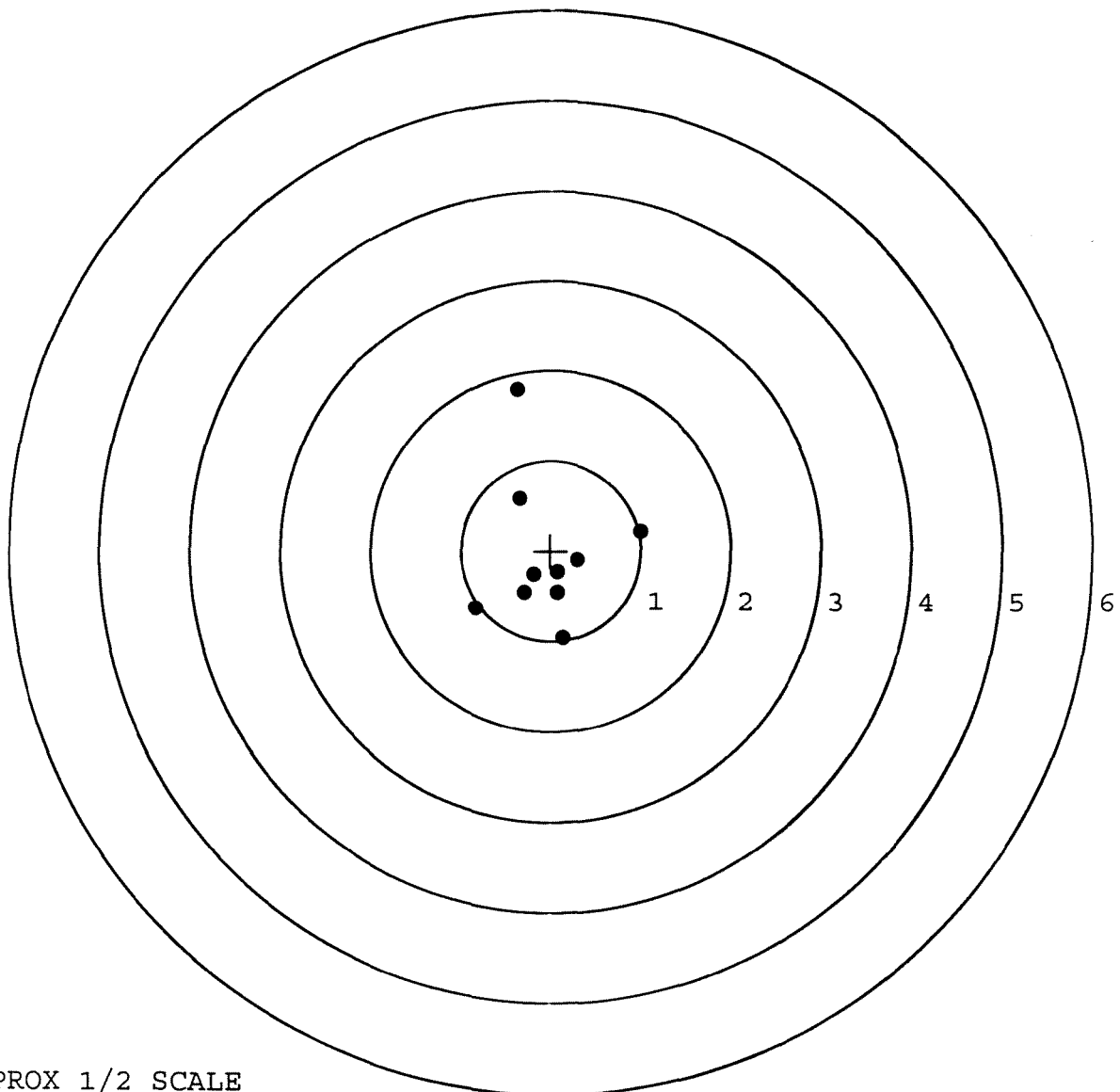
TARGET APPROX 1/2 SCALE

BARBER - M24 0023592

SERIAL NUMBER: C6587604.____0
TARGET NUMBER: 5
FILE DATE: 02/12/2008
FILE TIME: 06:40

POINT#	X	Y
1:	-0.353	0.582
2:	-0.376	1.780
3:	0.995	0.226
4:	0.138	-0.970
5:	-0.838	-0.640
6:	-0.295	-0.463
7:	-0.193	-0.264
8:	0.079	-0.466
9:	0.078	-0.234
10:	0.302	-0.100

X CENTROID: -0.046
Y CENTROID: -0.055
POA TO CENTROID: 0.072
HORZ SPREAD: 1.833
VERT SPREAD: 2.750
GROUP SPREAD: 2.798
MIN RADIUS: 0.218
MAX RADIUS: 1.864
MEAN RADIUS: 0.730
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

R & E NUMBER		00140437	
SERIAL NUMBER		C6587604	
LOG-IN DATE		1-23-08	
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	1-24-08	L.P.D.
505	RE-BARREL	1-25-08	L.P.D.
560	ASSEMBLE	1-30-08	TRW
600	PROOF	1-30-08	TRW
605	CHECK HEADSPACE	1-30-08	TRW
610	DIS-ASSEMBLE GUN	1-30-08	L.P.D.
612	MAGNAFLUX	2-10-08	J.B.
510	DRILL AND TAP	1-30-08	TRW
615	ROLLMARK CALIBER	1-30-08	CW
618	ROTO-BLAST	2-4-08	Yy
620	APPLY COATINGS	2-6-08	CW
625	FINAL ASSEMBLY	2-7-08	RTC
640	FUNCTION TEST AND	(PASS) FAIL	2-11-08 TRW
650	TARGET	(PASS) FAIL	2-11-08 TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		2-11-08 RP
	A) HEADSPACE	(PASS) FAIL	2-19-08 TRW
	B) TRIGGER PULL	2.69 2.43 2.49 2.51 2.59 2.19-08	TRW
680	F) SAFETY ON FORCE	4.25 4.75 4.75 2.19-08	TRW
	G) SAFETY OFF FORCE	3.0 3.0 3.25 2.19-08	TRW
	I) FIRING PIN INDENT	.021 .0215 .0215 2.19-08	TRW
690	PACK		2-19-08 FM

BARBER - M24 0023594

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: **RE00096588** Serial: C6587604 Model: M24 SWS Center Fire Caliber: 7.62 NATO Produced: 03/20/1991 Repairman: Status: Closed 5/3/2005 12:46:36 PM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **CO A 3110 3d AR** **CO A 3110 3d AR**

Address 1: **BLDG 2105 JACKSON AVE** **BLDG 2105 JACKSON AVE**

Address 2: **ATTN SGT PARSONS** **ATTN SGT PARSONS** PO Box: **CAMP SHLEBY** **CAMP SHLEBY**

City: **CAMP SHLEBY** **CAMP SHLEBY**

State: **MS** Zip Code: **34907** Country: **US** State: **MS** Zip Code: **34907** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: **N/A**

Fax:

Email:

Comments:

Received Condition

Condition: **Fair**

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A017	Scope Base	1
A042	Adjustable Butt Pad	1

Repair Search **Refresh** **Close**

neglatj 5/5/2005 7:59 AM CAPS NUM INS SCPL

start

Arms Services

Serial Number: **C6587604**

Model: **M24 SWS**

RE00096588

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 ~~0023594~~ 0023633

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587604.___0
FILE DATE AND TIME: 05/24/2005 08:07

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

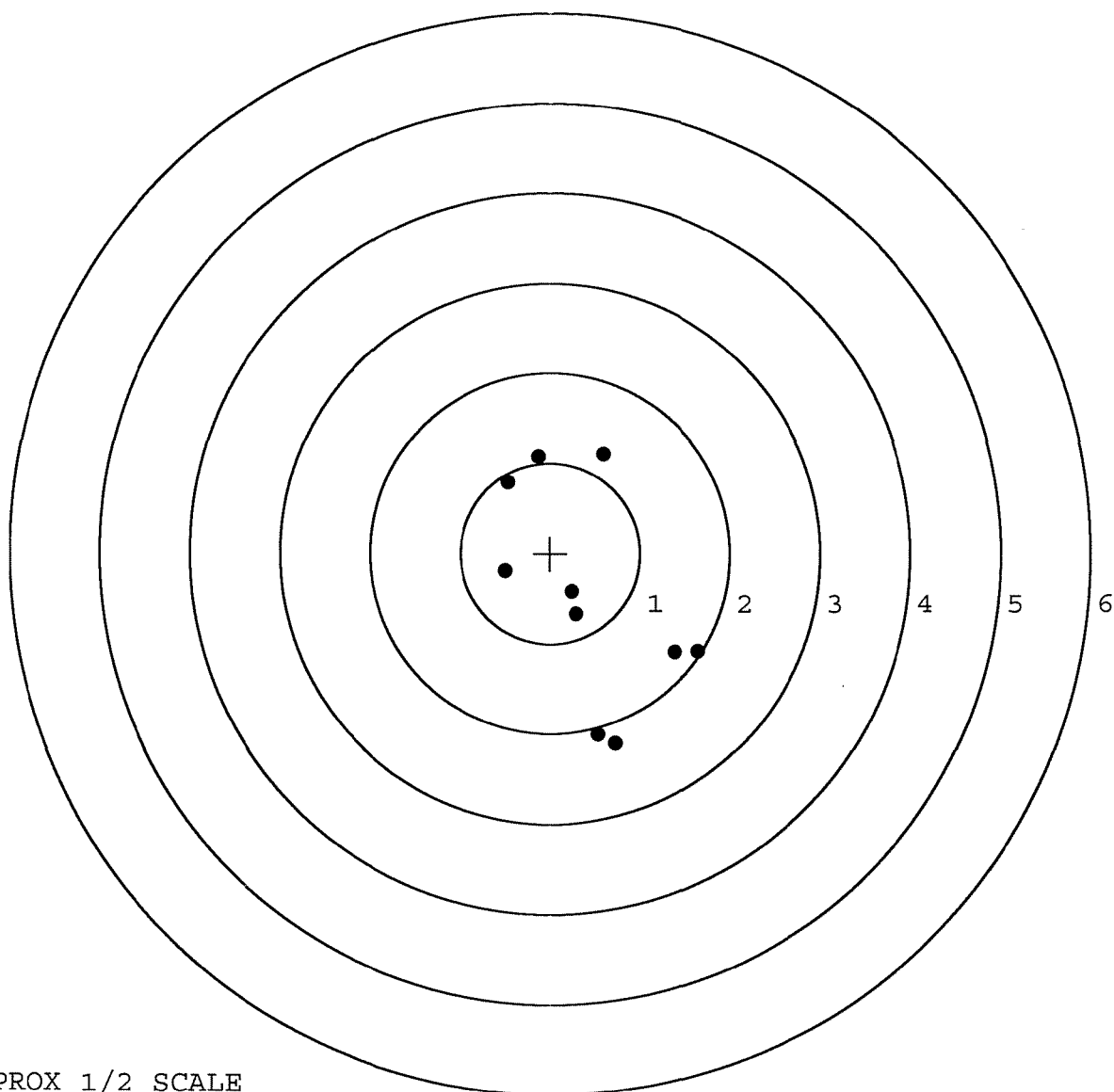
The Average X Centroid of the Five Target Set:	0.200
The Average Y Centroid of the Five Target Set:	-0.302
The Average Point of Impact of the Five Target Set:	0.362
The Average Mean Radius of the Five Target Set:	1.121
The Distance from POA to Centroid Target #1:	0.635
The Distance from Centroid Target #2 to Centroid Target #1:	0.644
The Distance from Centroid Target #3 to Centroid Target #1:	0.204
The Distance from Centroid Target #4 to Centroid Target #1:	0.238
The Distance from Centroid Target #5 to Centroid Target #1:	1.068

BARBER - M24 0023596

SERIAL NUMBER: C6587604. __0
 TARGET NUMBER: 1
 FILE DATE: 05/24/2005
 FILE TIME: 08:07

X CENTROID: 0.432
 Y CENTROID: -0.465
 POA TO CENTROID: 0.635
 HORZ SPREAD: 2.148
 VERT SPREAD: 3.211
 GROUP SPREAD: 3.302
 MIN RADIUS: 0.198
 MAX RADIUS: 1.676
 MEAN RADIUS: 1.191
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 3
 # in 3 IN DIAMETER: 5

POINT#	X	Y
1:	0.606	1.096
2:	-0.130	1.073
3:	-0.469	0.783
4:	-0.506	-0.196
5:	0.240	-0.420
6:	0.289	-0.678
7:	1.386	-1.098
8:	1.642	-1.081
9:	0.730	-2.115
10:	0.536	-2.017



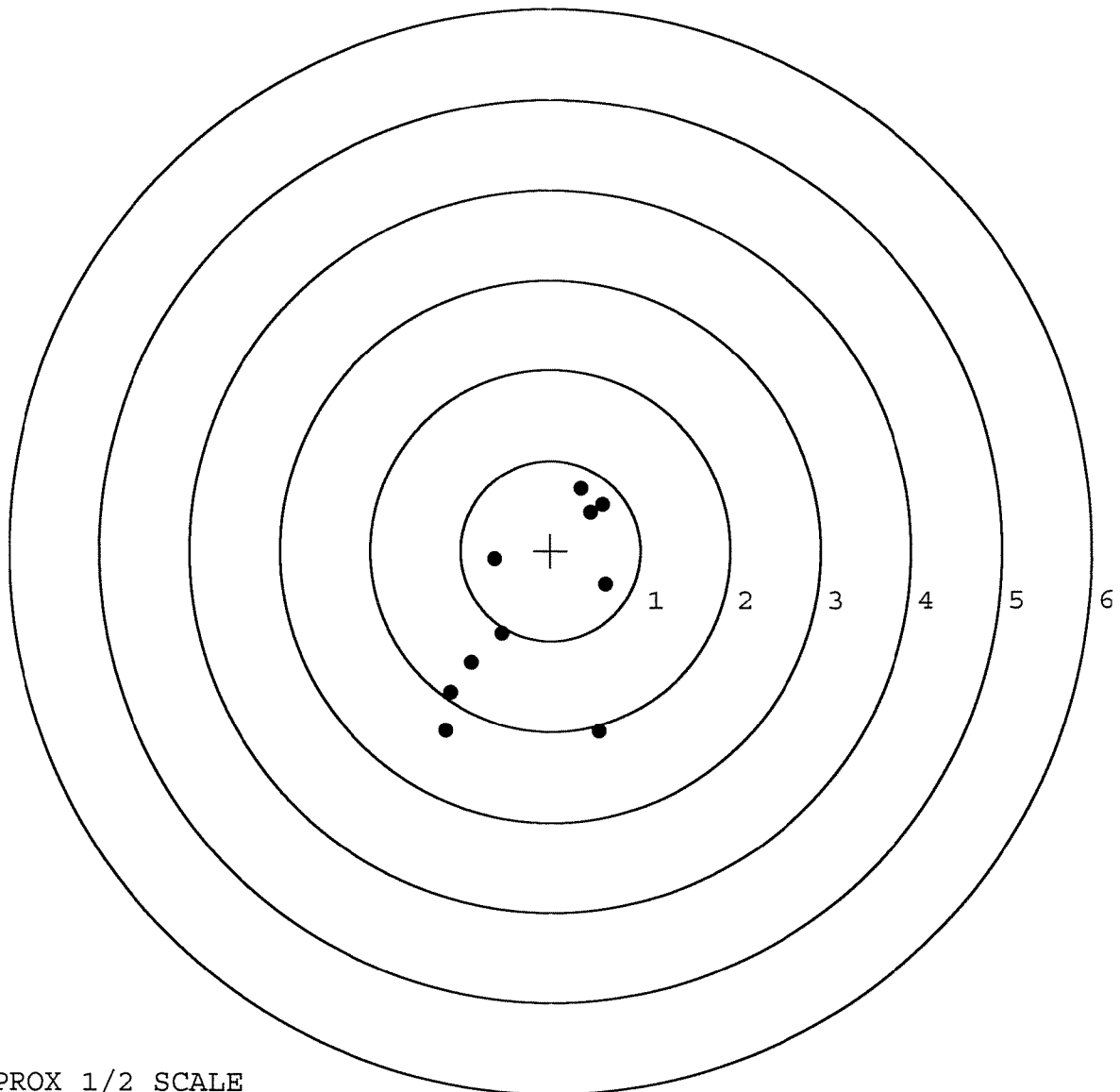
TARGET APPROX 1/2 SCALE

BARBER - M24 0023597

SERIAL NUMBER: C6587604. __0
TARGET NUMBER: 2
FILE DATE: 05/24/2005
FILE TIME: 08:07

X CENTROID: -0.181
Y CENTROID: -0.660
POA TO CENTROID: 0.684
HORZ SPREAD: 1.786
VERT SPREAD: 2.693
GROUP SPREAD: 3.087
MIN RADIUS: 0.446
MAX RADIUS: 1.666
MEAN RADIUS: 1.152
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.614	-0.374
2:	-0.623	-0.097
3:	0.449	0.422
4:	0.580	0.509
5:	0.344	0.690
6:	0.540	-2.003
7:	-0.541	-0.923
8:	-0.885	-1.243
9:	-1.119	-1.577
10:	-1.172	-1.999



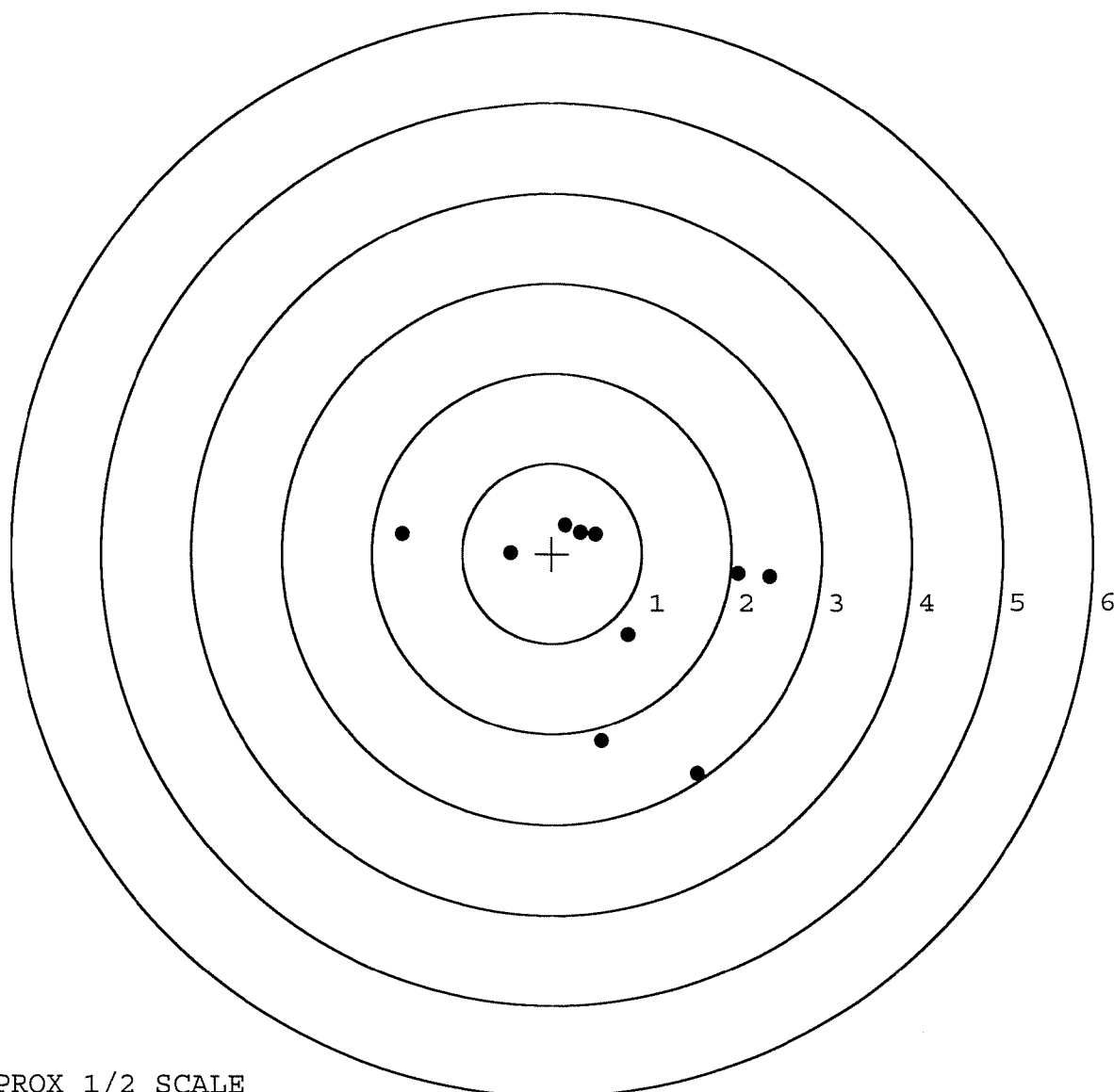
TARGET APPROX 1/2 SCALE

BARBER - M24 0023598

SERIAL NUMBER: C6587604. __ 0
TARGET NUMBER: 3
FILE DATE: 05/24/2005
FILE TIME: 08:07

X CENTROID: 0.635
Y CENTROID: -0.490
POA TO CENTROID: 0.802
HORZ SPREAD: 4.083
VERT SPREAD: 2.763
GROUP SPREAD: 4.226
MIN RADIUS: 0.470
MAX RADIUS: 2.407
MEAN RADIUS: 1.358
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 6

POINT#	X	Y
1:	2.419	-0.254
2:	2.072	-0.220
3:	0.490	0.219
4:	0.326	0.236
5:	0.153	0.320
6:	-0.462	0.012
7:	-1.664	0.224
8:	0.851	-0.907
9:	0.554	-2.082
10:	1.614	-2.443



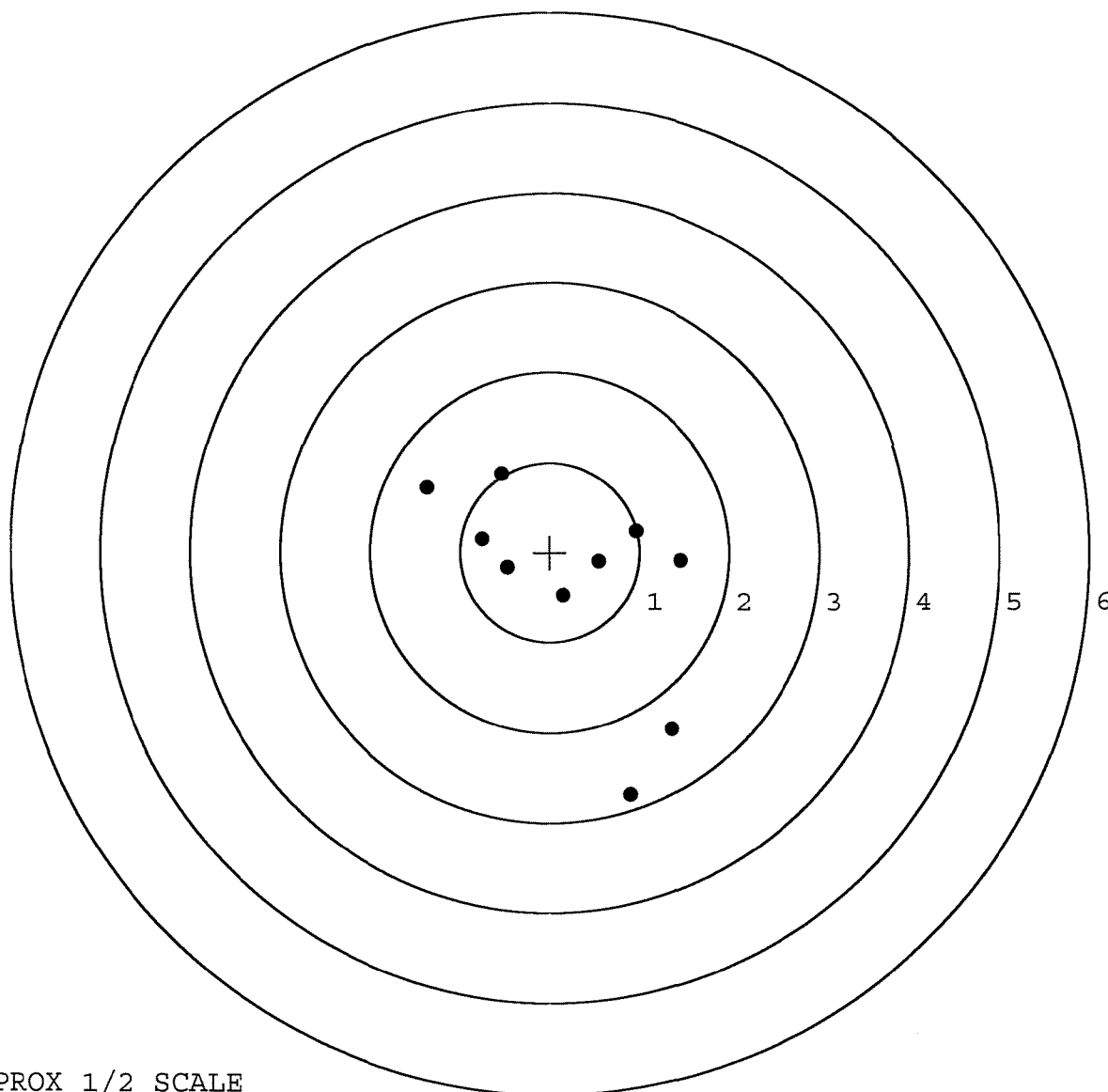
TARGET APPROX 1/2 SCALE

BARBER - M24 0023599

SERIAL NUMBER: C6587604.____0
TARGET NUMBER: 4
FILE DATE: 05/24/2005
FILE TIME: 08:07

X CENTROID: 0.224
Y CENTROID: -0.351
POA TO CENTROID: 0.416
HORZ SPREAD: 2.825
VERT SPREAD: 3.564
GROUP SPREAD: 4.101
MIN RADIUS: 0.152
MAX RADIUS: 2.434
MEAN RADIUS: 1.236
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 7

POINT#	X	Y
1:	1.454	-0.090
2:	0.961	0.235
3:	0.552	-0.102
4:	0.153	-0.485
5:	-0.477	-0.169
6:	-0.756	0.152
7:	-0.535	0.875
8:	-1.371	0.725
9:	1.357	-1.961
10:	0.902	-2.689



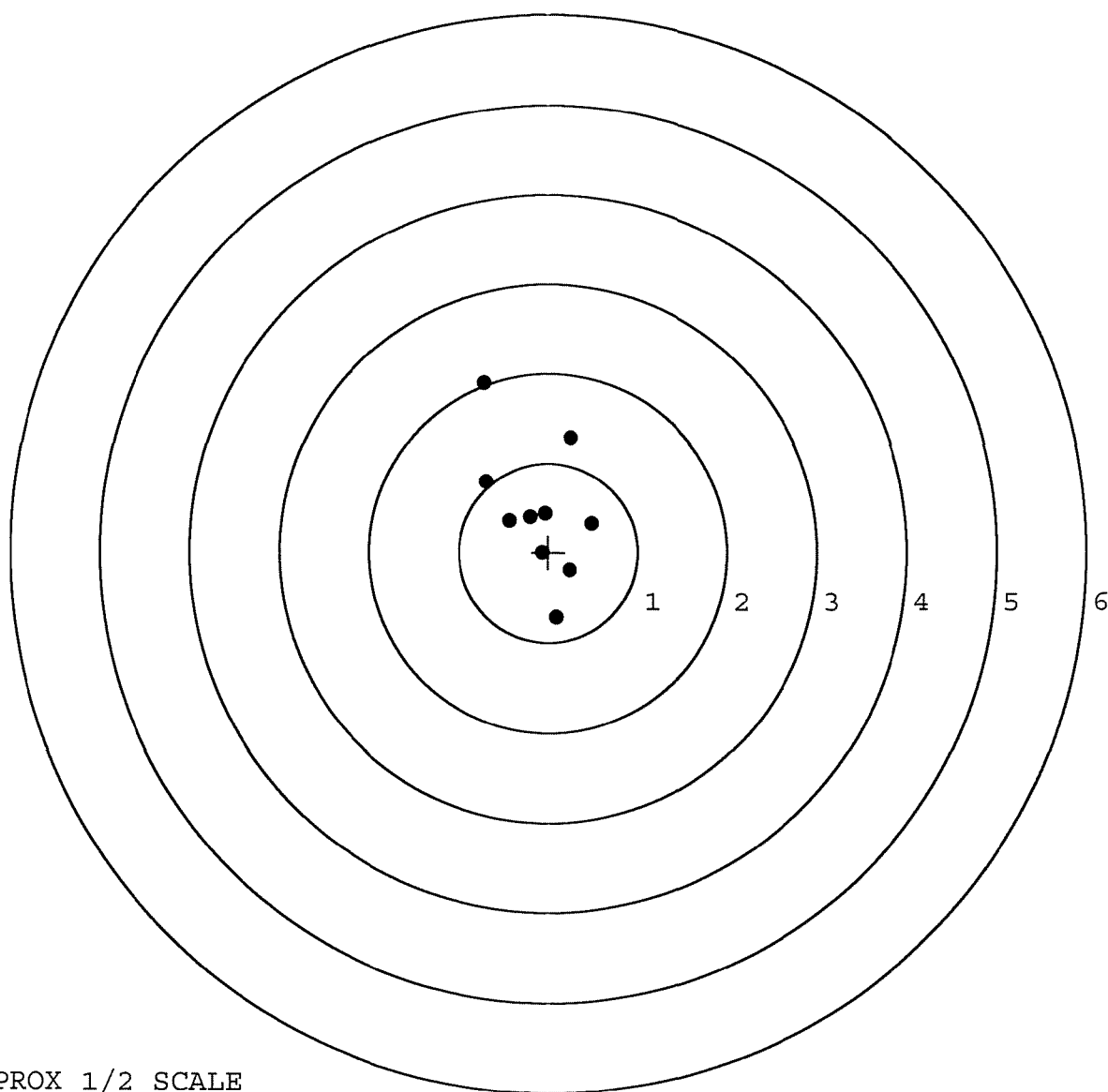
TARGET APPROX 1/2 SCALE

BARBER - M24 0023600

SERIAL NUMBER: C6587604. __0
TARGET NUMBER: 5
FILE DATE: 05/24/2005
FILE TIME: 08:07

X CENTROID: -0.111
Y CENTROID: 0.454
POA TO CENTROID: 0.467
HORZ SPREAD: 1.211
VERT SPREAD: 2.623
GROUP SPREAD: 2.745
MIN RADIUS: 0.073
MAX RADIUS: 1.566
MEAN RADIUS: 0.670
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.087	-0.727
2:	0.240	-0.203
3:	0.488	0.321
4:	-0.069	-0.012
5:	-0.039	0.439
6:	-0.202	0.395
7:	-0.436	0.354
8:	-0.700	0.796
9:	0.247	1.283
10:	-0.723	1.896



TARGET APPROX 1/2 SCALE

R & E NUMBER	96588		
SERIAL NUMBER	C6587604		
LOG-IN DATE	5-3-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	5-6-05	RTL
560 A	RE-BARREL		
B	DRILL AND TAP	5-18-05	TRW
575	ASSEMBLE		
600	PROOF MAGNA-FLUX INSPECTED	5-18-05	AC
605	CHECK HEADSPACE	5-18-05	AC
610	DIS-ASSEMBLE GUN	5-18-05	AC
612	MAGNETIC PARTICLE	5-19-05	W
615	ROLLMARK CALIBER	5-19-05	CW
618	ROTO-BLAST	5-20-05	LB
620	APPLY COATINGS	5-22-05	W
625 A	FINAL ASSEMBLY	5-23-05	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	5-24-05	AC
D	SAFETY "OFF" FORCE	5-24-05	AC
E	FIRING PIN INDENT	5-24-05	AC
640	TARGET	5-24-05	TRW
655	FINAL INSPECT	5-24-05	AC
660	PACK	5-24-05	DA
		SHIP DATE	
	QAR INSPECTION DATE		

BARBER - M24 0023602

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

Remington
RES. U.S. PAT. & TM. OFF.

MODEL 700™ M24

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

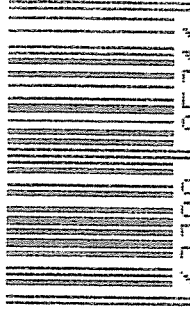
SERIAL NO.
C6587604

ORDER NO.
5716

20

5716 C6587604

UPC



0 47700 25716 7

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0023602 M2400023641

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587604
11 Jan 1991

CENTROIDAL DISTANCES

0 TO	1	.142021
1 TO	2	.213663
1 TO	3	.229996
1 TO	4	.256127
1 TO	5	.153883

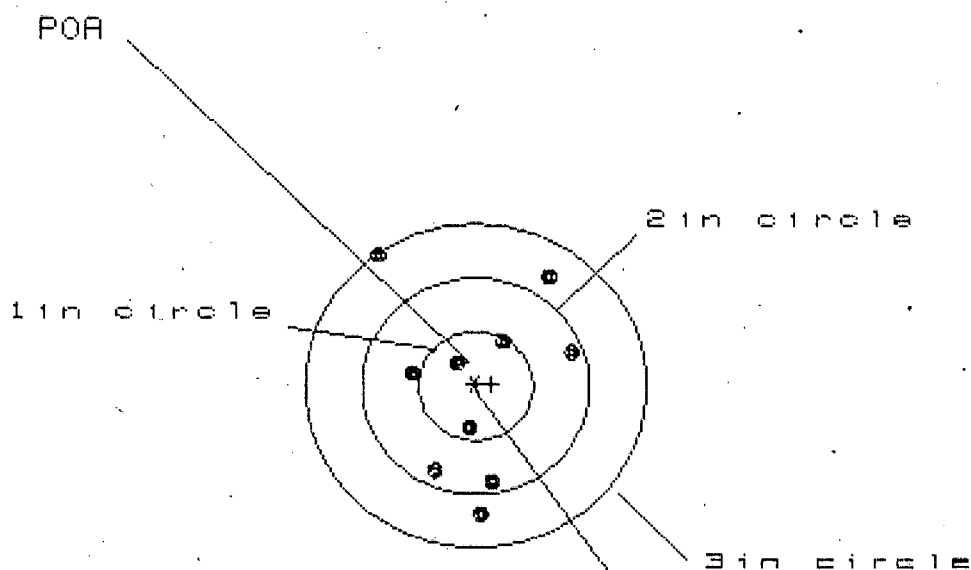
48 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1294
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0728
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .148473
THE AMR FOR THIS RIFLE IS: 1.003

11 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6587604

CENTERFIRE PATTERNS # 1



OF SHOTS- 10.

IN CIR

1in = 3

2in = 7

3in = 10

HS= 1.735

VS= 2.408

GS= 2.586

CENTROID *

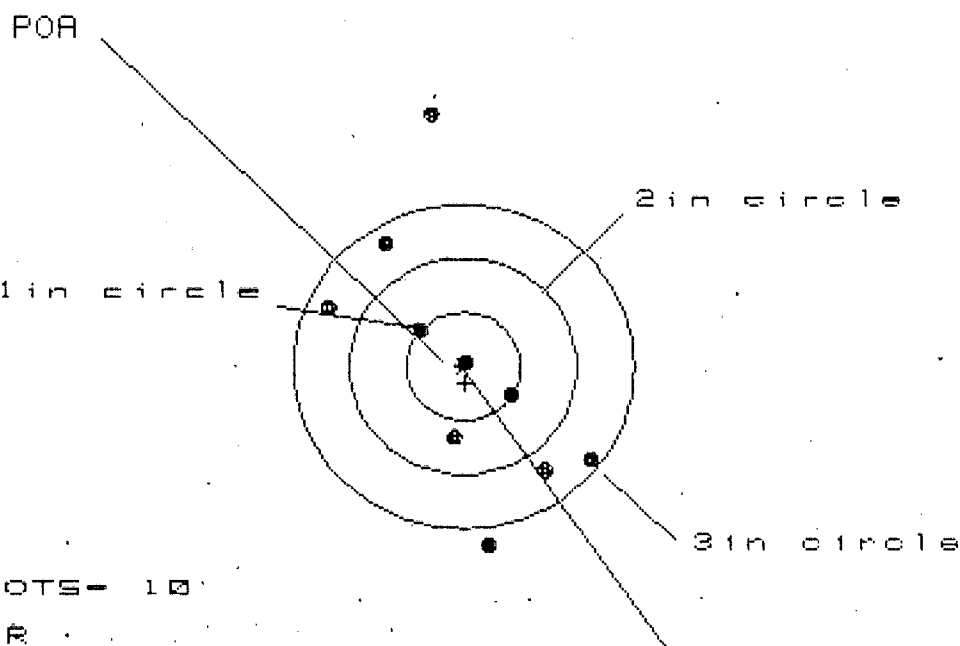
PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.848	.749	.820
MINIMUM X	-.887	-.642	-.571
MAXIMUM Y	1.204	1.153	.655
MINIMUM Y	-1.204	-1.071	-.927
CENTROID X	-.141	-.042	-.113
CENTROID Y	-.017	-.150	-.295
POA TO CENTROID in.	.142	.156	.316
MIN RADIUS	.236	.256	.106
MEAN RADIUS	.819	.742	.651
MAX RADIUS	1.495	1.285	1.023
HORIZONTAL SPREAD	1.735	1.391	1.391
VERTICAL SPREAD	2.408	2.224	1.581
EXTREME SPREAD	2.586	2.306	1.729
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		



11 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6587604

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 8

HS= 2.274

VS= 3.958

GS= 3.983

CENTROID #

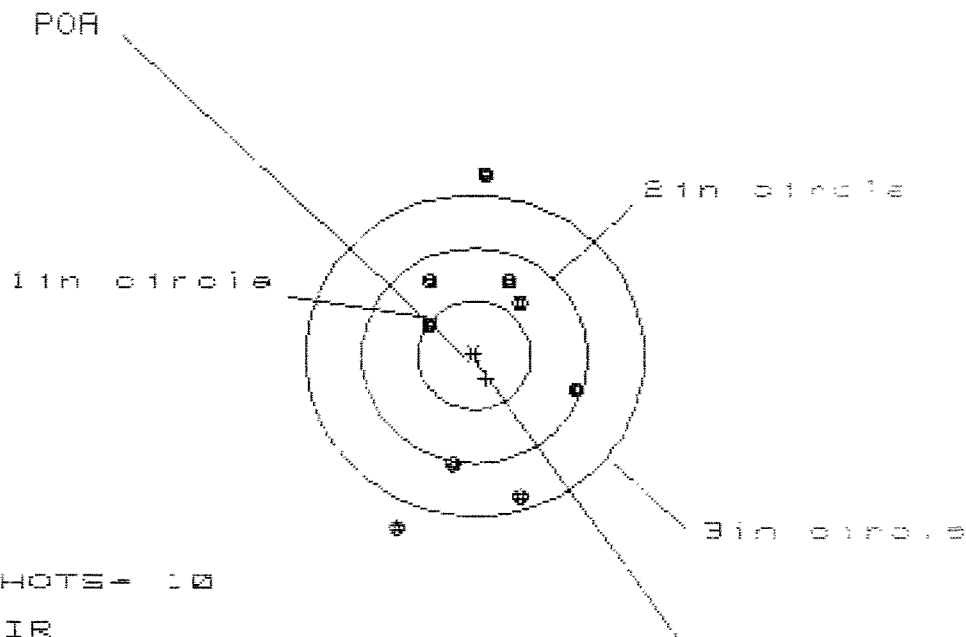
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.124	1.096	1.117
MINIMUM X	:	-1.150	-1.178	-1.157
MAXIMUM Y	:	2.318	1.419	1.246
MINIMUM Y	:	-1.640	-1.383	-1.867
CENTROID X	:	-.017	.010	-.011
CENTROID Y	:	.157	-.100	.073
POA TO CENTROID in.	:	.158	.101	.074
MIN RADIUS	:	.060	.290	.125
MEAN RADIUS	:	1.100	.945	.876
MAX RADIUS	:	2.331	1.596	1.434
HORIZONTAL SPREAD	:	2.274	2.274	2.274
VERTICAL SPREAD	:	3.958	2.802	2.113
EXTREME SPREAD	:	3.983	2.943	2.752
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

11 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6587684

CENTERFIRE PATTERNS

3



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS = 1.551

VS = 3.344

GS = 3.425

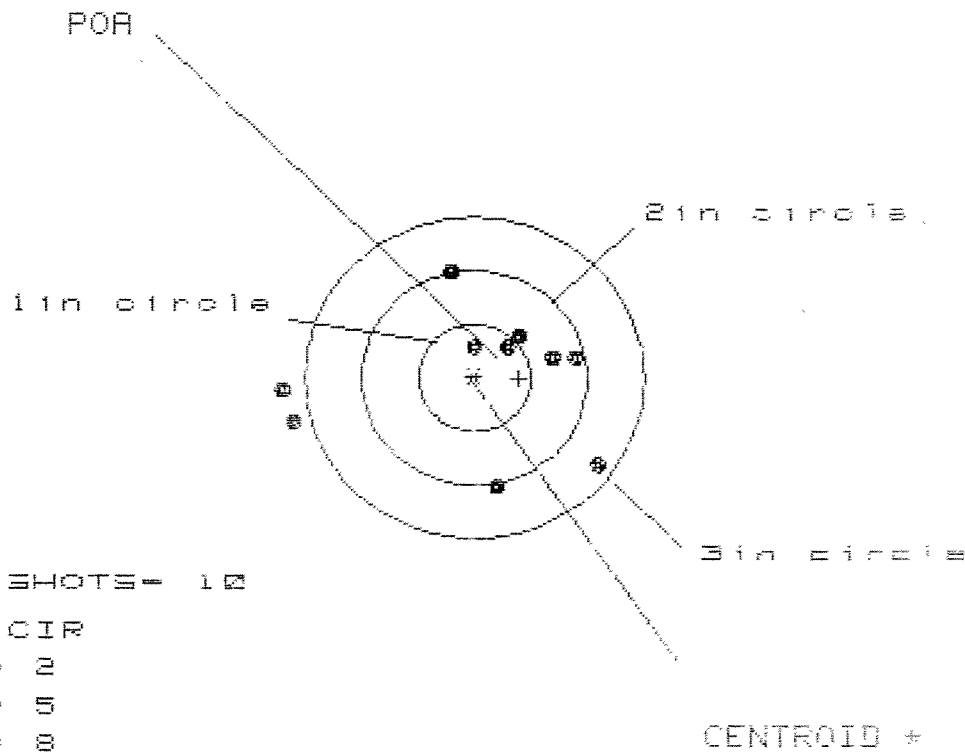
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.873	.798	.796
MINIMUM X	:	-.878	-.488	-.490
MAXIMUM Y	:	1.733	1.554	.734
MINIMUM Y	:	-1.611	-1.475	-1.281
CENTROID X	:	-.104	-.029	-.027
CENTROID Y	:	.210	.389	.195
POA TO CENTROID in.	:	.234	.390	.197
MIN RADIUS	:	.467	.445	.536
MEAN RADIUS	:	1.001	.882	.821
MAX RADIUS	:	1.748	1.554	1.321
HORIZONTAL SPREAD	:	1.551	1.286	1.286
VERTICAL SPREAD	:	3.344	3.029	2.015
EXTREME SPREAD	:	3.425	3.048	2.174
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

11 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6587604

CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 2.794

VS= 2.029

GS= 2.872

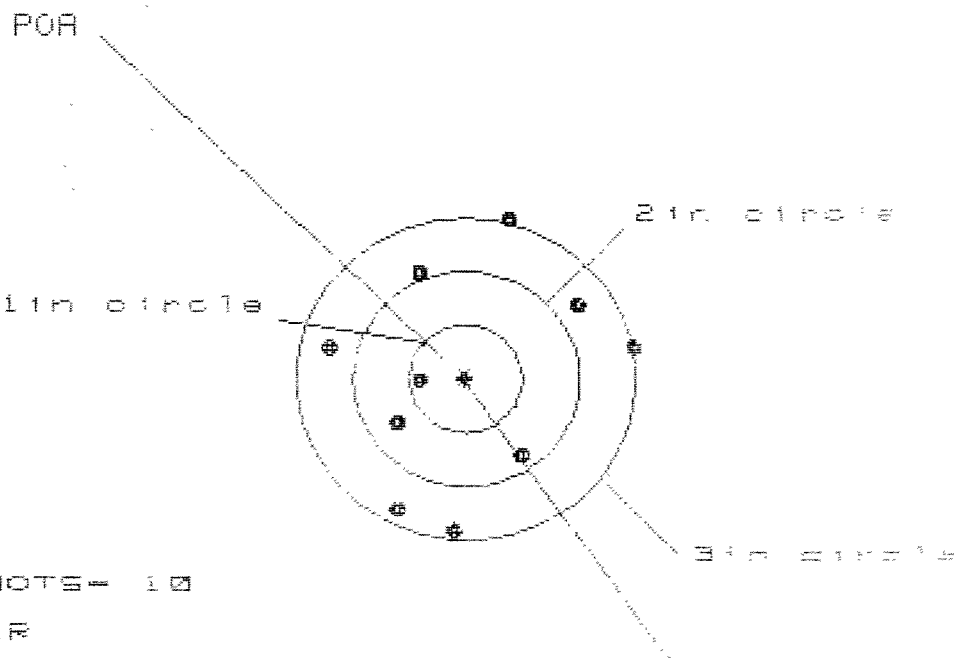
PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.046	.851	.630
MINIMUM X	-1.749	-1.770	-.599
MAXIMUM Y	1.023	1.009	.955
MINIMUM Y	-1.066	-1.020	-1.074
CENTROID X	-.396	-.201	.020
CENTROID Y	.007	.021	.075
POA TO CENTROID in.	.396	.202	.078
MIN RADIUS	.255	.288	.267
MEAN RADIUS	.960	.816	.635
RMS RADIUS	1.753	1.821	1.127
HORIZONTAL SPREAD	2.794	2.621	1.229
VERTICAL SPREAD	2.029	2.029	2.029
EXTREME SPREAD	2.872	2.648	2.152
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

11 Jan 1991

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CENTERFIRE PATTERNS

5



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 3

3 in = 8

45= 2.703

VS= 2.882

CS= 2.929

CENTROID #

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.486	1.530	1.224
MINIMUM X	-1.217	-1.173	-0.992
MAXIMUM Y	1.498	1.204	1.256
MINIMUM Y	-1.384	-1.218	-1.166
CENTROID X	.611	-.033	-.224
CENTROID Y	.007	-.159	-.211
RGR TO CENTROID in.	.613	.153	.308
MIN RADIUS	.368	.379	.383
MAX RADIUS	1.136	1.069	.964
MAX RADIUS	1.549	1.585	1.508
HORIZONTAL SPREAD	2.783	2.783	2.206
VERTICAL SPREAD	2.882	2.422	2.422
EXTREME SPREAD	2.929	2.783	2.464
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	8		

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6587604

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		1024 90	RW
600	Proof		1024 90	RW
607	Check Headspace		1024 90	RW
610	Dis-assemble Gun		1024 90	RW
612	Magnaflux Barrel Action		12/30/90	KR
	Magnaflux Bolt		11	KR
615	Rollmark Caliber		11	LS
617	Drill and Tap Sight Holes		11/5/90	F03
618	Polish Barrel <i>AB</i>		11/6/90	WB
620	Apply Coatings (Barrel Action)		11-26-90	JA
	Apply Coating (Bolt)		11-26-90	JA
625	Final Assembly A) Clean inside of Bolt Assembly		12/12/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/12/90	RW
	C) Inspect Ejector Hole for Chamfer		12/12/90	RW
	D) Oil Firing Pin Ass'y		12/12/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		1-4-91	DH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4.25	4.25	4.0			1/3/91	KT
	G) Safety Off Force	2.50	2.50	2.50			1/3/91	KT
	H) Trigger Pull Test & Retainability						1-4-91	DH
	I) Firing Pin Indent	.020	.020	.020			1/3/91	KT
	J) Assemble Stock						1/7/91	RW
	K) Assemble Swivel Studs						1-14-91	JH
	L) Attach Front and Rear Sight Assemblies						1/7/91	RW
	M) Iron Sight Alignment						1/7/91	RW
	N) Detach Front & Rear Sights & place in numbered container						1/7/91	RW
	O) Attach Scope to Rifle						1/7/91	RW
	P) Detach & Attach Scope 20 Times						1/7/91	RW
640	Gallery Target & Test						1-11-91	DH
	A) Time						1-11-91	DH
	B) Malfunctions						1-11-91	DH
	C) Pierced Primers						1-11-91	DH
	D) Optical Clarity of Scope						1-11-91	DH
645	Inspect for Live Ammo						1-11-91	DH
655	Final Inspection						1-14-91	JH
	A) Headspace						1-14-91	JH
	B) Trigger Pull	2.00	2.15	2.20	2.20	2.15	1-14-91	JH
	C) Function						1-14-91	JH
660	Pack						3-14-91	V

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. CG587604

DATE 1-4-91

TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.42	2.43	2.39	2.00	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.42	2.36	2.31	2.15	
PULL #3	2.35	2.42	2.43	2.20	
PULL #4	2.43	2.39	2.41	2.20	
PULL #5	2.25	2.38	2.50	2.15	
TOTAL	11.87	11.98	12.24		
AVG.	2.37	2.39	2.44		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.05	3.25		
PULL #2	3.03	3.23		
PULL #3	3.00	3.40		
PULL #4	3.25	3.22		
PULL #5	3.18	3.22		
TOTAL	15.51	16.32		
AVG.	3.10	3.26		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.05	4.00		4.73
PULL #2	4.03	4.01		4.32
PULL #3	4.07	3.97		4.05
PULL #4	4.09	4.05		3.99
PULL #5	4.02	4.00		4.25
TOTAL	20.26	20.03		20.74
AVG.	4.05	4.00		4.14