

C6348829

MODEL 700™ M24

Model SMS™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

03/04/08 09:16:31

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: RE00142400

Serial: C6348829 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 09/19/1989

Repairman:

Status: Closed 3/3/2008 3:02:38 PM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name:

Address 1:

Address 2:

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: NN

Fax:

Email:

Comments:

Received Condition

Fair

Condition

Notes:

CSR

Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A057	Frt and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

3/4/2008

9:16 AM

CAPS

NUM



Serial Number: C6348829

Model: M24 SWS



RE00142400

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348829.__0

FILE DATE AND TIME: 04/08/2008 14:22

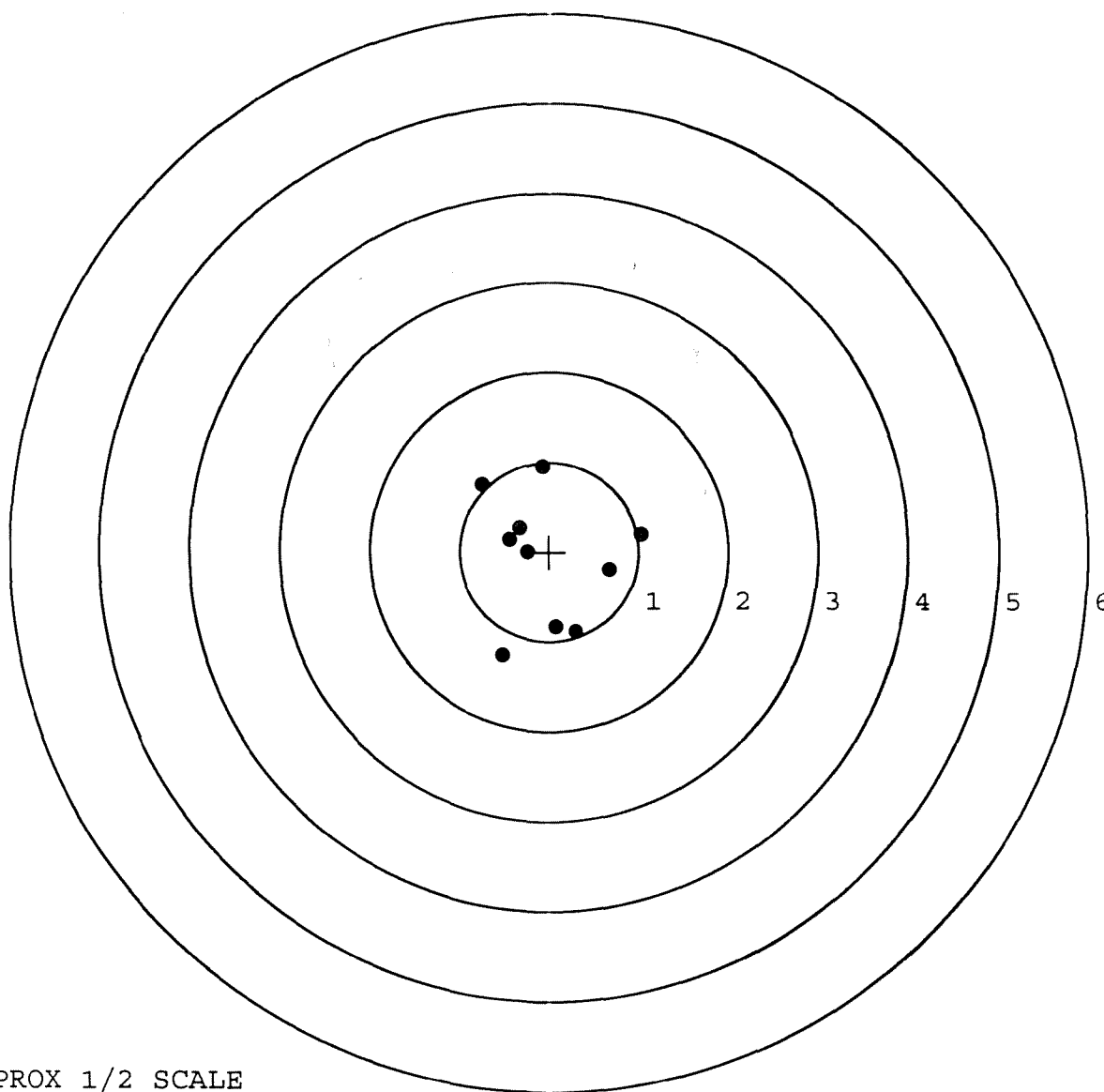
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.034
The Average Y Centroid of the Five Target Set:	0.116
The Average Point of Impact of the Five Target Set:	0.121
The Average Mean Radius of the Five Target Set:	0.770
The Distance from POA to Centroid Target #1:	0.085
The Distance from Centroid Target #2 to Centroid Target #1:	0.334
The Distance from Centroid Target #3 to Centroid Target #1:	0.260
The Distance from Centroid Target #4 to Centroid Target #1:	0.069
The Distance from Centroid Target #5 to Centroid Target #1:	0.399

SERIAL NUMBER: C6348829. __0
TARGET NUMBER: 1
FILE DATE: 04/08/2008
FILE TIME: 14:22

X CENTROID: -0.027
Y CENTROID: -0.080
POA TO CENTROID: 0.085
HORZ SPREAD: 1.774
VERT SPREAD: 2.106
GROUP SPREAD: 2.153
MIN RADIUS: 0.231
MAX RADIUS: 1.186
MEAN RADIUS: 0.793
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.747	0.748
2:	-0.076	0.949
3:	-0.331	0.260
4:	-0.442	0.134
5:	-0.242	0.004
6:	1.027	0.198
7:	0.679	-0.198
8:	0.306	-0.900
9:	0.078	-0.842
10:	-0.525	-1.157

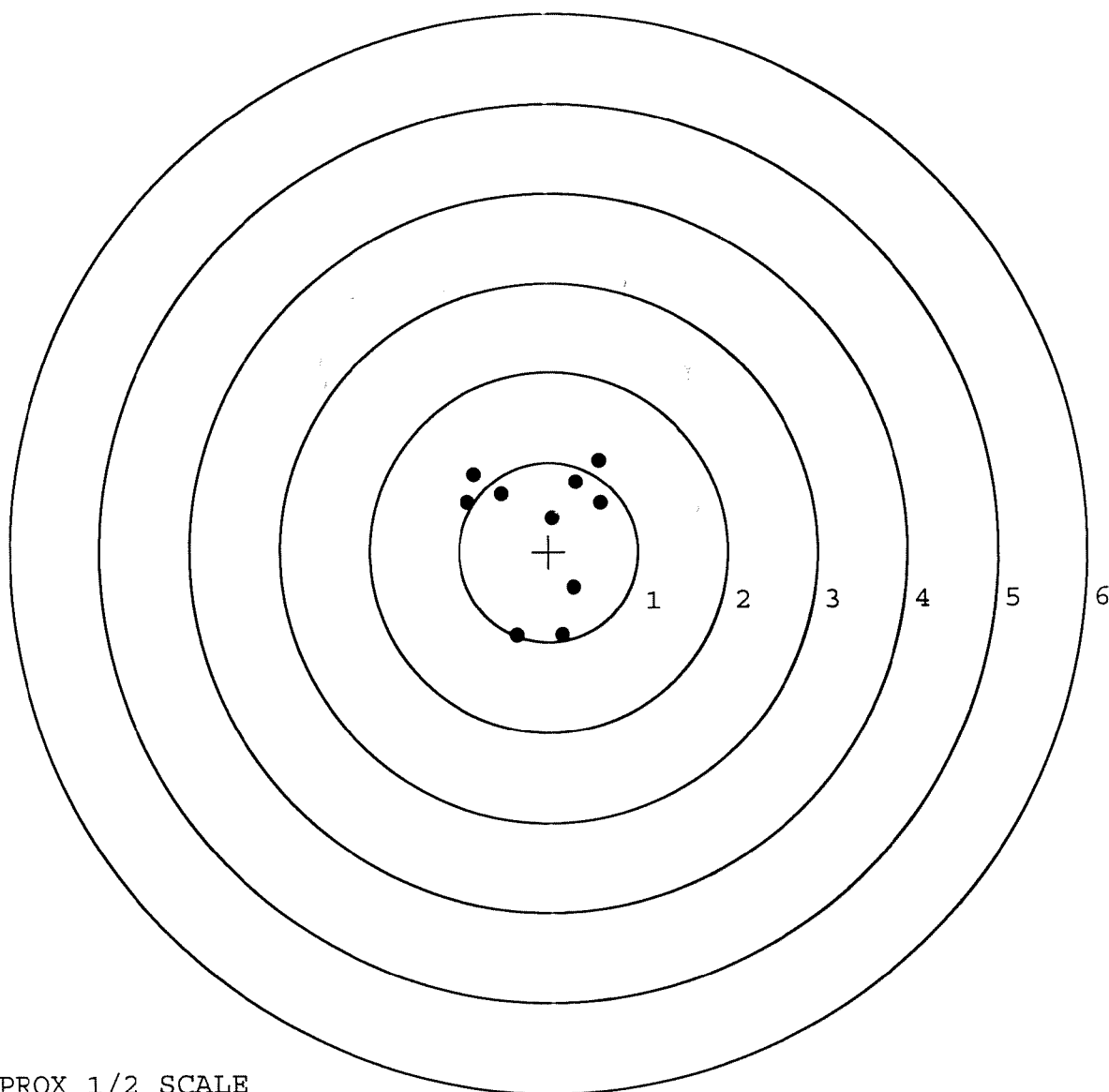


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348829. __0
TARGET NUMBER: 2
FILE DATE: 04/08/2008
FILE TIME: 14:22

X CENTROID: -0.065
Y CENTROID: 0.252
POA TO CENTROID: 0.260
HORZ SPREAD: 1.494
VERT SPREAD: 1.948
GROUP SPREAD: 2.163
MIN RADIUS: 0.169
MAX RADIUS: 1.220
MEAN RADIUS: 0.818
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.579	1.016
2:	0.315	0.776
3:	0.592	0.540
4:	0.046	0.379
5:	-0.829	0.872
6:	-0.522	0.651
7:	-0.902	0.554
8:	0.284	-0.406
9:	0.151	-0.932
10:	-0.361	-0.932

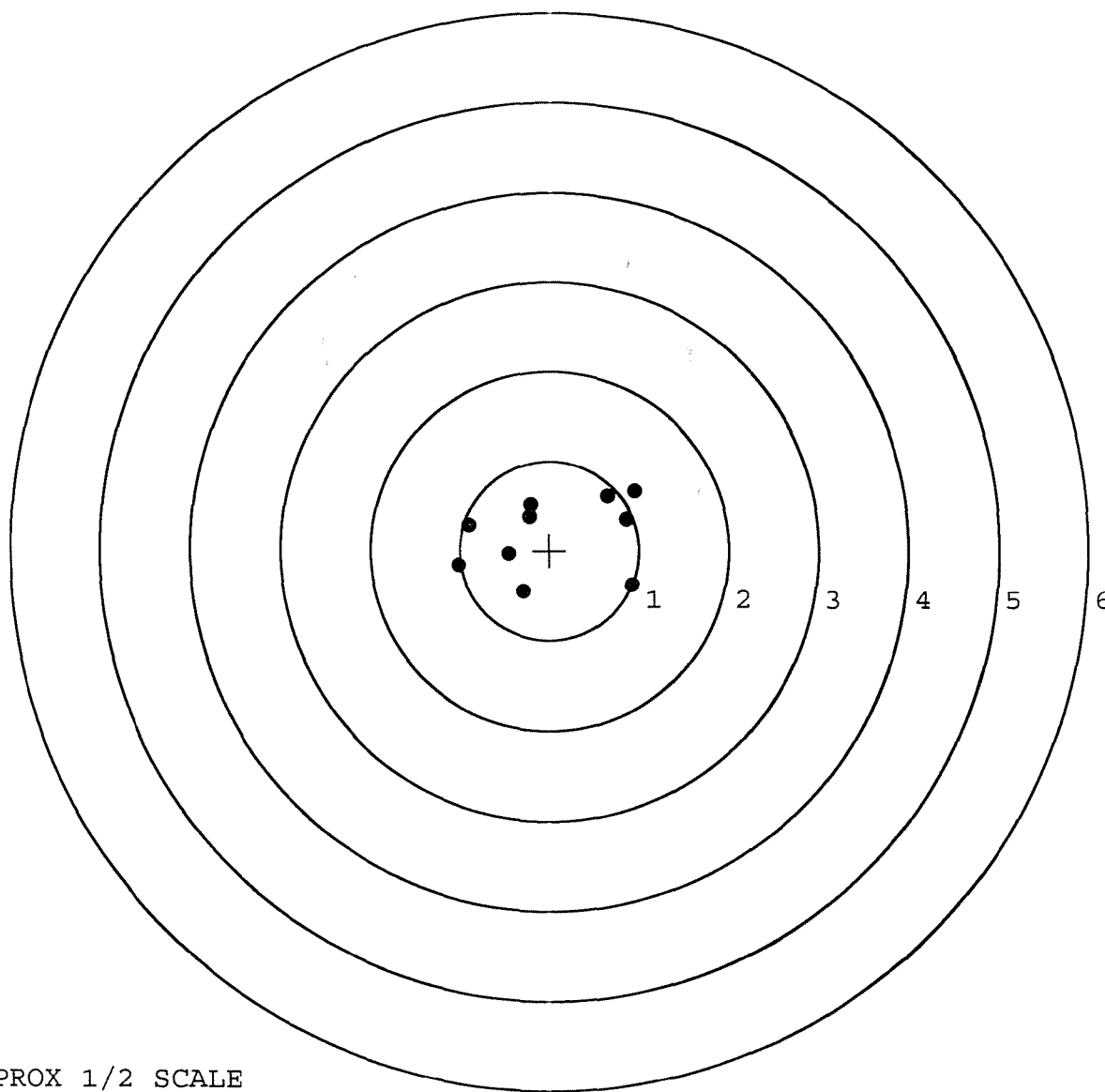


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348829. __0
TARGET NUMBER: 3
FILE DATE: 04/08/2008
FILE TIME: 14:22

X CENTROID: 0.029
Y CENTROID: 0.173
POA TO CENTROID: 0.176
HORZ SPREAD: 1.964
VERT SPREAD: 1.126
GROUP SPREAD: 2.133
MIN RADIUS: 0.324
MAX RADIUS: 1.100
MEAN RADIUS: 0.772
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.652	0.610
2:	0.948	0.664
3:	0.863	0.353
4:	-0.209	0.509
5:	-0.455	-0.043
6:	-0.900	0.284
7:	-1.016	-0.169
8:	-0.288	-0.462
9:	-0.222	0.378
10:	0.920	-0.393

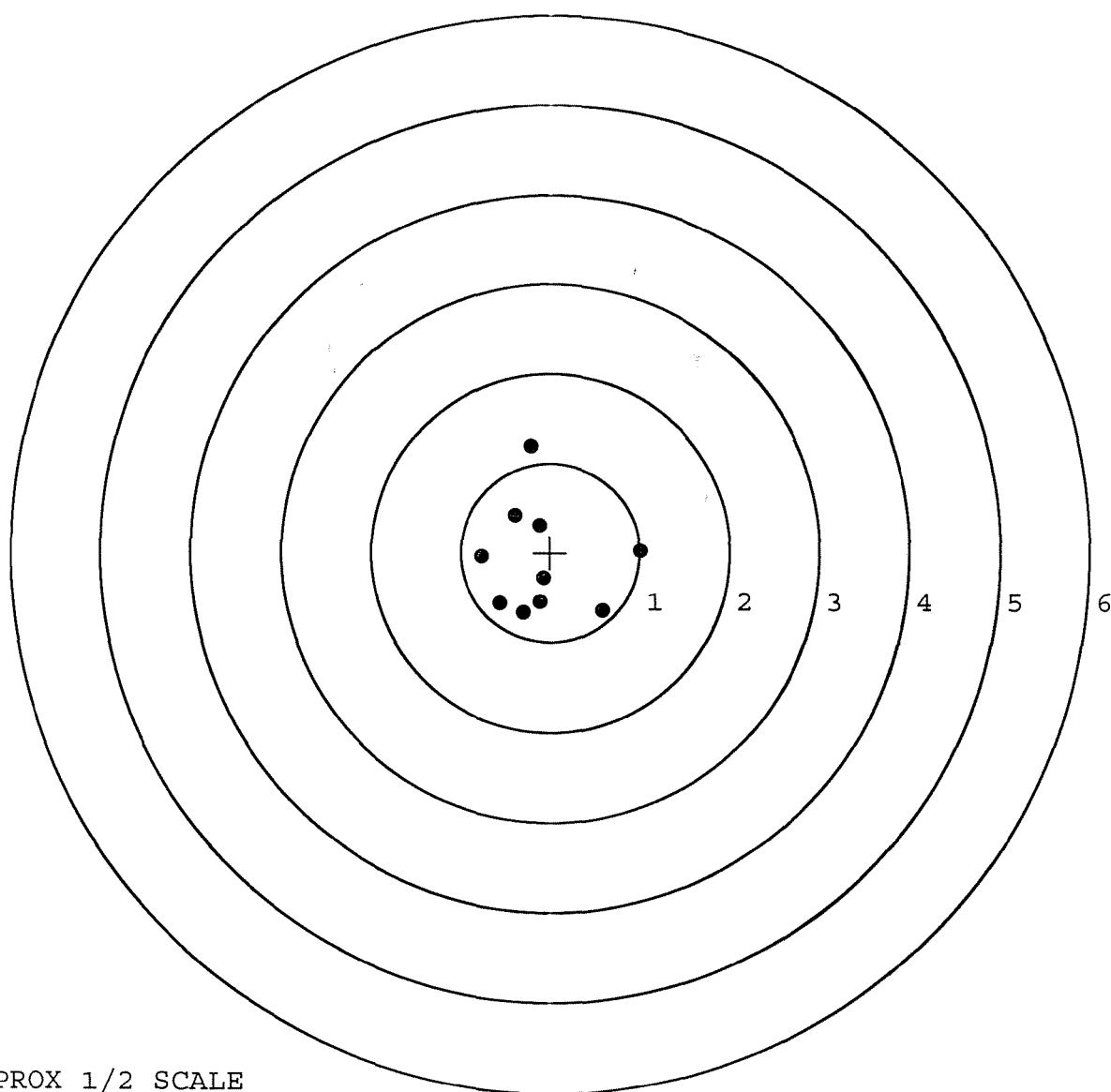


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348829. __0
TARGET NUMBER: 4
FILE DATE: 04/08/2008
FILE TIME: 14:22

X CENTROID: -0.096
Y CENTROID: -0.085
POA TO CENTROID: 0.128
HORZ SPREAD: 1.775
VERT SPREAD: 1.869
GROUP SPREAD: 2.012
MIN RADIUS: 0.203
MAX RADIUS: 1.282
MEAN RADIUS: 0.690
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.214	1.191
2:	-0.124	0.305
3:	-0.396	0.417
4:	-0.765	-0.046
5:	-0.078	-0.288
6:	-0.119	-0.557
7:	-0.300	-0.678
8:	-0.563	-0.567
9:	1.010	0.023
10:	0.590	-0.653

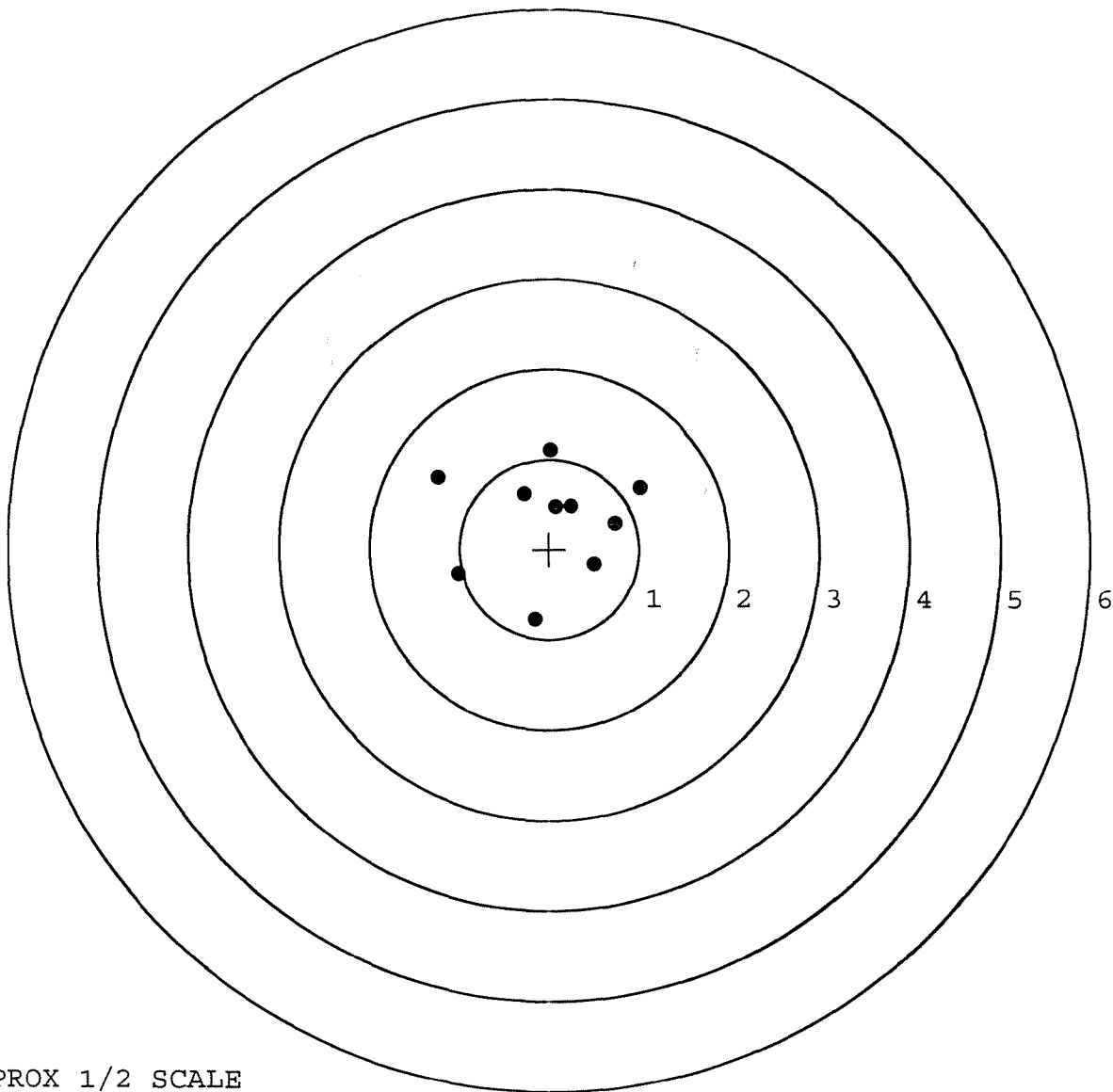


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348829. __0
TARGET NUMBER: 5
FILE DATE: 04/08/2008
FILE TIME: 14:22

POINT#	X	Y
1:	1.008	0.685
2:	0.734	0.292
3:	0.501	-0.172
4:	0.240	0.477
5:	0.073	0.468
6:	-0.285	0.608
7:	0.017	1.102
8:	-1.244	0.787
9:	-1.015	-0.275
10:	-0.156	-0.785

X CENTROID: -0.013
Y CENTROID: 0.319
POA TO CENTROID: 0.319
HORZ SPREAD: 2.252
VERT SPREAD: 1.887
GROUP SPREAD: 2.254
MIN RADIUS: 0.172
MAX RADIUS: 1.317
MEAN RADIUS: 0.779
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER		00142400	
SERIAL NUMBER		C 6348829	
LOG-IN DATE		3-3-08	
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	3-11-08	SPD
505	RE-BARREL	3-12-08	SPD
560	ASSEMBLE	3-12-08	SPD
600	PROOF	3-13-08	TRW
605	CHECK HEADSPACE	3-13-08	TRW
610	DIS-ASSEMBLE GUN	3-13-08	SPD
612	MAGNAFLUX	3-14-08	mmg
510	DRILL AND TAP	3-13-08	FM
615	ROLLMARK CALIBER	3-13-08	CW
618	ROTO-BLAST	3-14-08	JDG
620	APPLY COATINGS	3-14-08	HT
625	FINAL ASSEMBLY	4-4-08	KL
640	FUNCTION TEST AND	PASS FAIL	4-8-08 SD
650	TARGET	PASS FAIL	4-8-08 SD
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	N/A
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	4-8-08 TRW
670	FINAL INSPECTION		4/8/08 FM
	A) HEADSPACE	PASS FAIL	4/8/08 FM
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.35 2.22 2.19 2.10 2.13 4/8/08 FM
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	6 6 6 4/8/08 FM
	G) SAFETY OFF FORCE	2 LBS MIN	25 25 25 4/8/08 FM
	I) FIRING PIN INDENT	.020	.022 .022 .023 4/8/08 FM
690	PACK		4/10/08 FM

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: **RE00081980** Serial: C6348829 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: New 6/16/2004 7:40:33 AM

Venify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: B CO 3/7TH SFG A B CO 3/7TH 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: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information: Phone: Fax: Email: Comments:

Received Condition: Fair Condition Notes: CSR Notes:

Accessories Received:

Code	Desc	Qty
A007	With Studs	3
A010	Hard Case	1
A017	Scope Bases	2
A026	Scope	1
X001	Heavy duty LOCKS w/	2

Repair Search Refresh Close

neglej 6/16/2004 8:33 AM CAPS NUM INS SCPL

start 2 3 2

Serial Number: **C6348829**

Model: **M24 SWS**



RE00081980

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

6-16-04

TESTER

TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.49	2.38		2.12	
PULL #2	2.52	2.42		2.05	
PULL #3	2.69	2.39		2.06	
PULL #4	2.74	2.41		2.32	
PULL #5	2.74	2.53		2.31	
TOTAL	13.18	12.13		10.86	
AVERAGE	2.63	2.42		2.17	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.26	3.19		
PULL #2	3.41	3.20		
PULL #3	3.19	3.08		
PULL #4	3.18	3.09		
PULL #5	3.31	3.05		
TOTAL	16.35	15.61		
AVERAGE	3.27	3.12		

	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	4.16	4.38		4.43
PULL #2	4.14	4.24		4.30
PULL #3	4.11	4.19		4.27
PULL #4	4.04	4.19		4.23
PULL #5	4.26	4.14		4.22
TOTAL	20.71	21.14		21.45
AVERAGE	4.14	4.22		4.29

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

R & E NUMBER	81980		
SERIAL NUMBER	C6348829		
LOG-IN DATE	6-16-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	6-16-04	RTL
560 A	RE-BARREL	6-17-04	RTL
B	DRILL AND TAP	6-18-04	TRW
575	ASSEMBLE	6-17-04	RTL
600	PROOF	6-17-04	RTL
605	CHECK HEADSPACE	6-17-04	RTL
610	DIS-ASSEMBLE GUN	6-17-04	RR
612	MAGNAFLUX RATOR		
615	ROLLMARK CALIBER	6-18-04	SB
618	ROTO-BLAST	6-21-04	SW
620	APPLY COATINGS	6-22	TA
625 A	FINAL ASSEMBLY	6-23-04	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT	6-23-04	AL
640	TARGET	6-23-04	RTL
655	FINAL INSPECT	6-24-04	DA
660	PACK		
		SHIP DATE	
QAR INSPECTION DATE			

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348829.___0
FILE DATE AND TIME: 06/23/2004 07:00

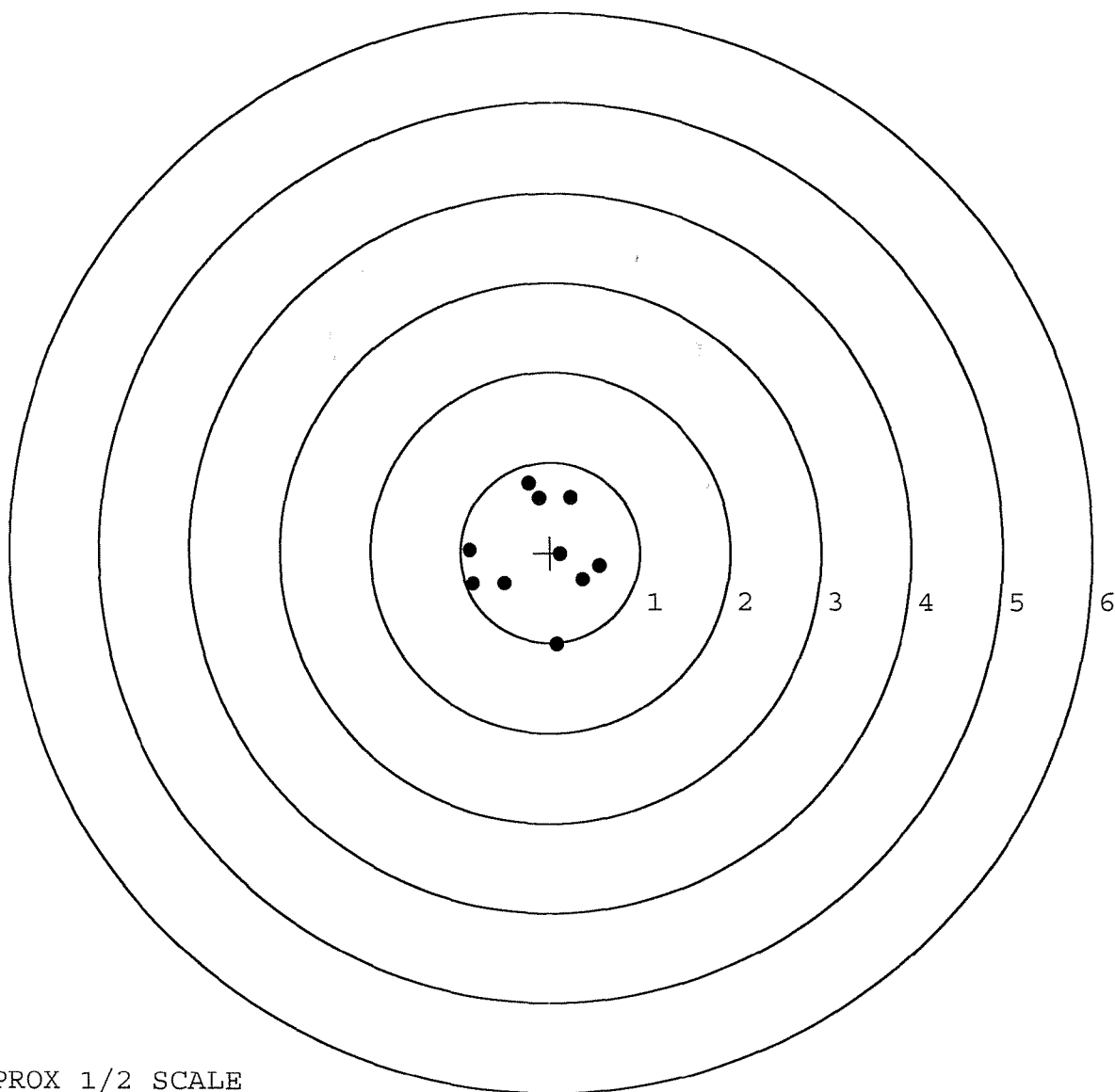
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.099
The Average Y Centroid of the Five Target Set:	-0.026
The Average Point of Impact of the Five Target Set:	0.102
The Average Mean Radius of the Five Target Set:	0.622
The Distance from POA to Centroid Target #1:	0.132
The Distance from Centroid Target #2 to Centroid Target #1:	0.127
The Distance from Centroid Target #3 to Centroid Target #1:	0.170
The Distance from Centroid Target #4 to Centroid Target #1:	0.115
The Distance from Centroid Target #5 to Centroid Target #1:	0.178

SERIAL NUMBER: C6348829. __0
TARGET NUMBER: 1
FILE DATE: 06/23/2004
FILE TIME: 07:00

X CENTROID: -0.131
Y CENTROID: -0.018
POA TO CENTROID: 0.132
HORZ SPREAD: 1.444
VERT SPREAD: 1.794
GROUP SPREAD: 1.822
MIN RADIUS: 0.239
MAX RADIUS: 1.029
MEAN RADIUS: 0.673
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.241	0.768
2:	-0.130	0.603
3:	0.220	0.613
4:	0.108	-0.014
5:	0.549	-0.150
6:	0.363	-0.305
7:	0.078	-1.026
8:	-0.504	-0.352
9:	-0.859	-0.348
10:	-0.895	0.030



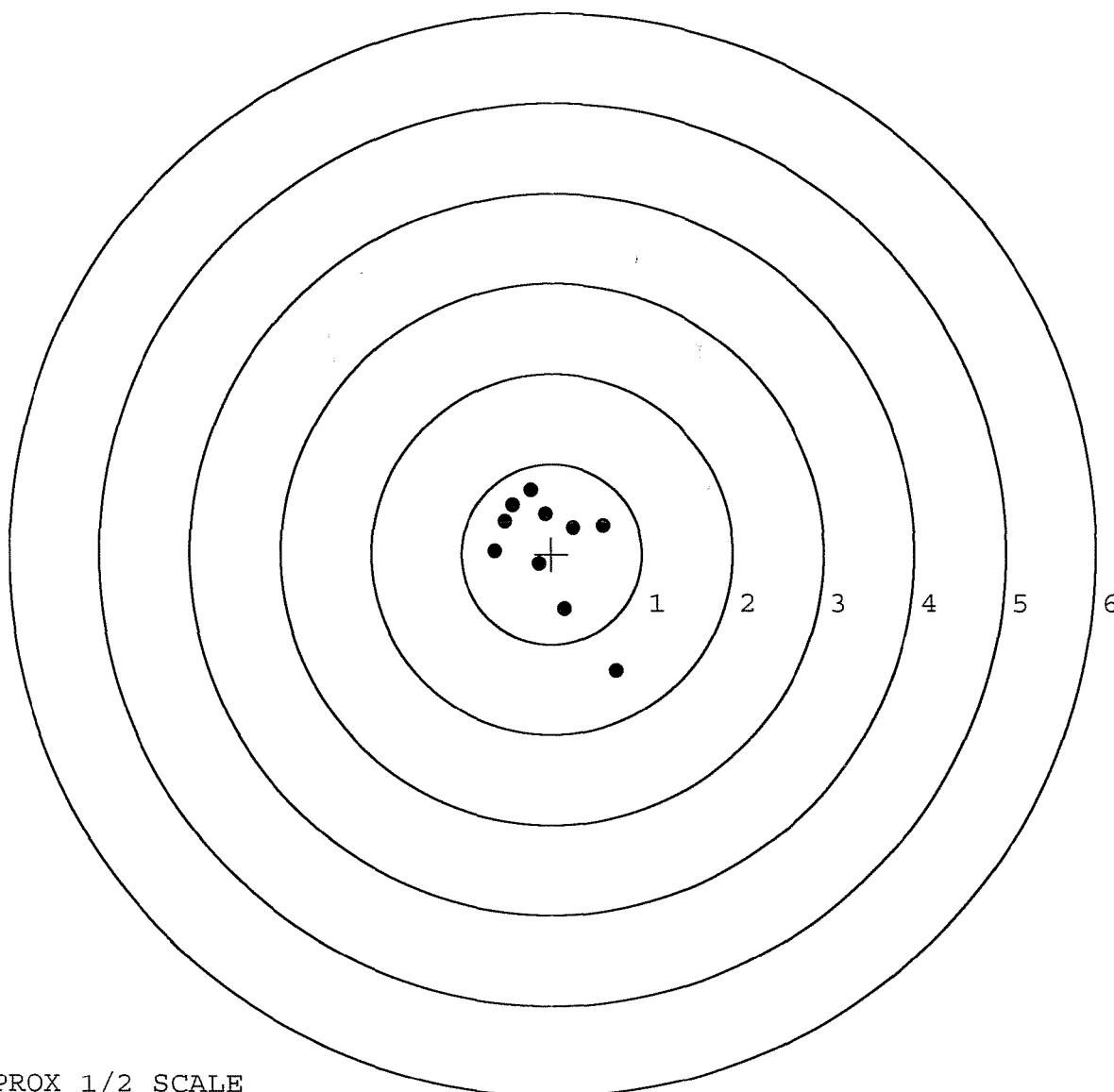
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348829. __0
TARGET NUMBER: 2
FILE DATE: 06/23/2004
FILE TIME: 07:00

X CENTROID: -0.037
Y CENTROID: 0.067
POA TO CENTROID: 0.077
HORZ SPREAD: 1.352
VERT SPREAD: 2.003
GROUP SPREAD: 2.222
MIN RADIUS: 0.208
MAX RADIUS: 1.560
MEAN RADIUS: 0.631

IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.569	0.317
2:	0.236	0.287
3:	-0.240	0.707
4:	-0.075	0.446
5:	-0.434	0.540
6:	-0.631	0.039
7:	-0.141	-0.113
8:	0.146	-0.616
9:	0.721	-1.296
10:	-0.521	0.361

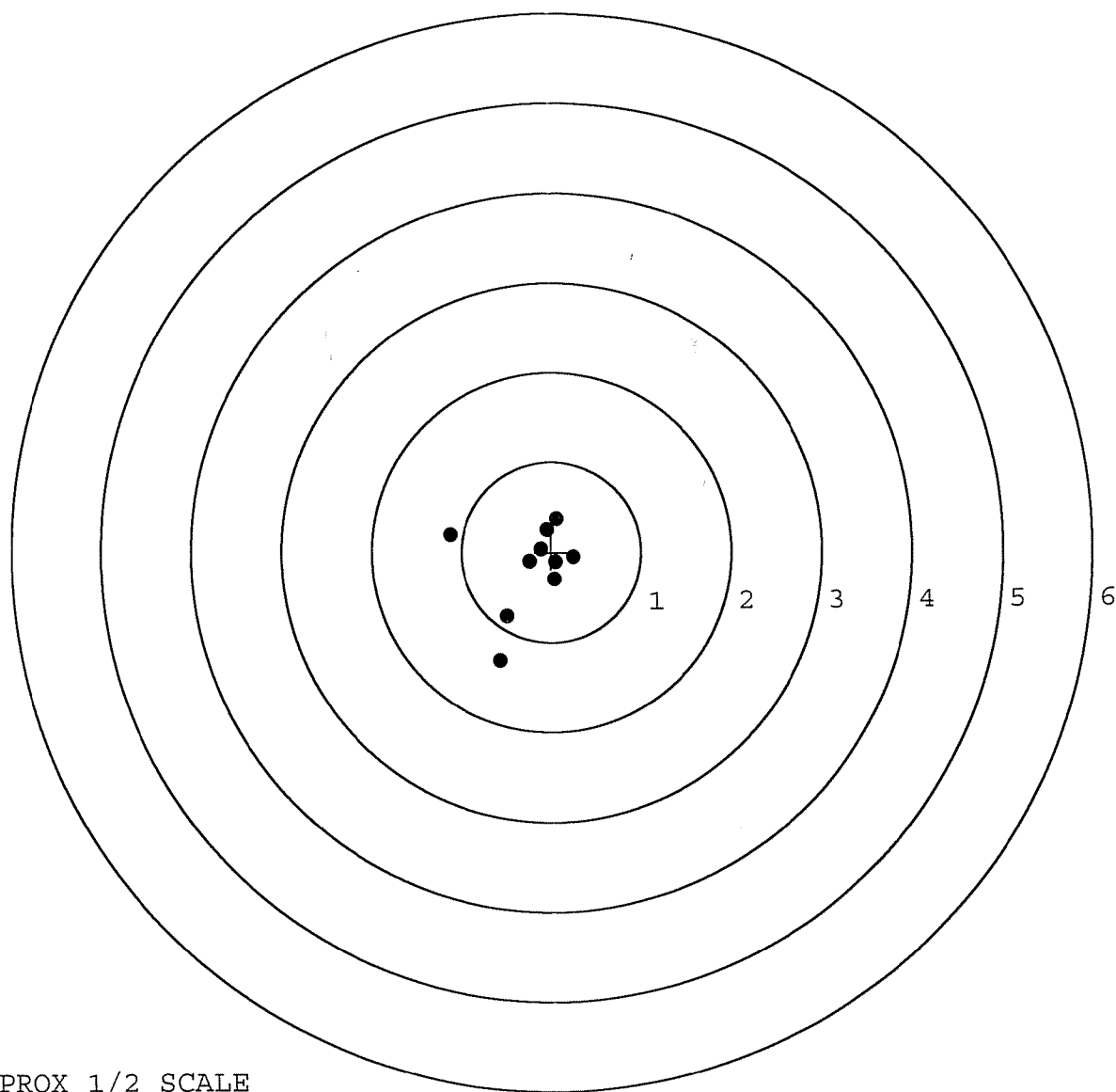


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348829. 0
TARGET NUMBER: 3
FILE DATE: 06/23/2004
FILE TIME: 07:00

X CENTROID: -0.221
Y CENTROID: -0.163
POA TO CENTROID: 0.275
HORZ SPREAD: 1.375
VERT SPREAD: 1.574
GROUP SPREAD: 1.698
MIN RADIUS: 0.060
MAX RADIUS: 1.100
MEAN RADIUS: 0.507
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-1.125	0.202
2:	-0.496	-0.707
3:	-0.575	-1.204
4:	0.063	0.370
5:	-0.053	0.252
6:	-0.241	-0.106
7:	0.036	-0.305
8:	0.250	-0.057
9:	-0.118	0.038
10:	0.049	-0.112

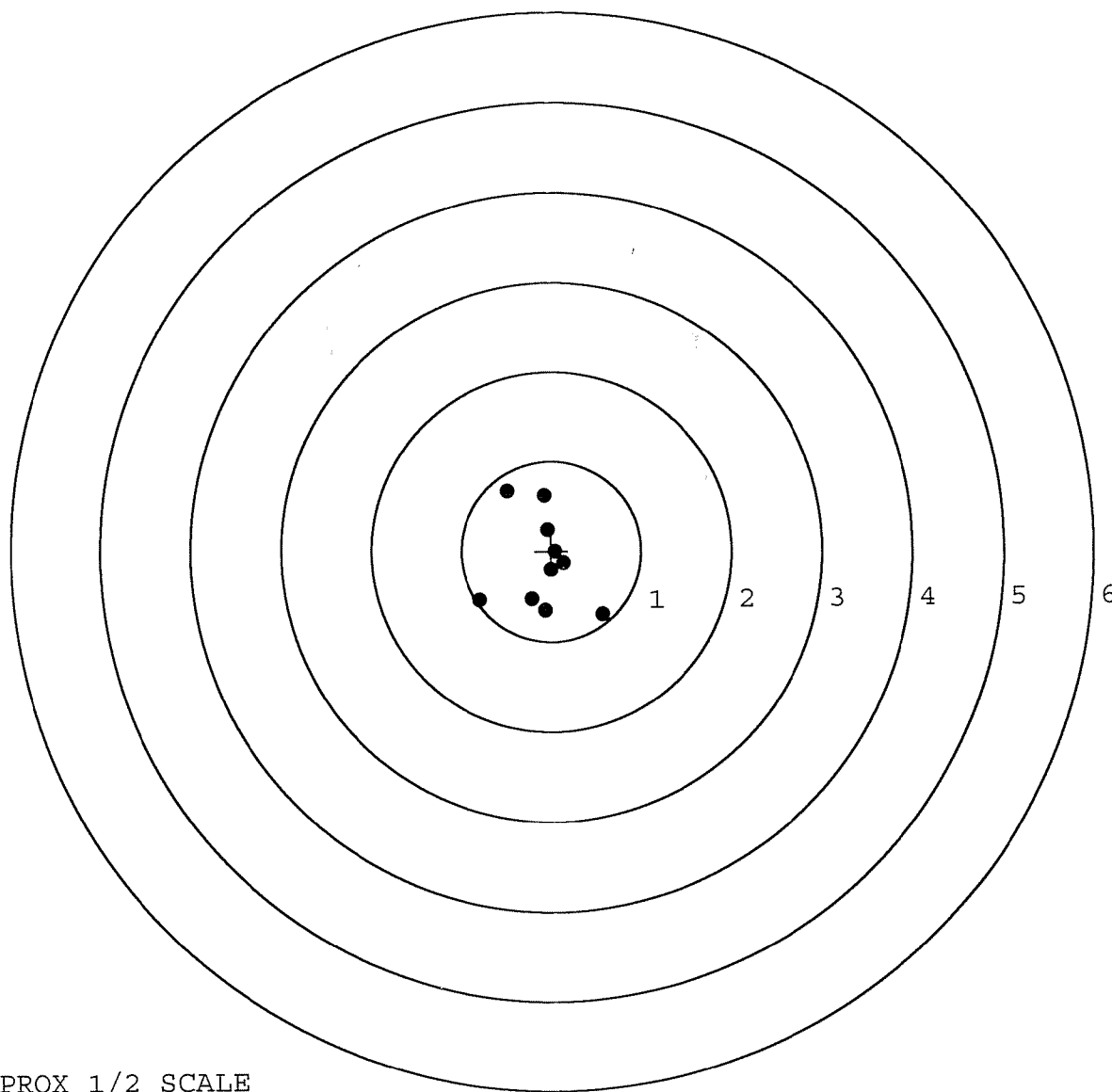


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348829. __0
TARGET NUMBER: 4
FILE DATE: 06/23/2004
FILE TIME: 07:00

X CENTROID: -0.097
Y CENTROID: -0.128
POA TO CENTROID: 0.160
HORZ SPREAD: 1.368
VERT SPREAD: 1.376
GROUP SPREAD: 1.731
MIN RADIUS: 0.116
MAX RADIUS: 0.884
MEAN RADIUS: 0.520
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.567	-0.709
2:	-0.078	-0.666
3:	-0.801	-0.545
4:	-0.483	0.667
5:	-0.079	0.620
6:	-0.041	0.238
7:	0.140	-0.135
8:	-0.011	-0.207
9:	0.043	-0.010
10:	-0.222	-0.534



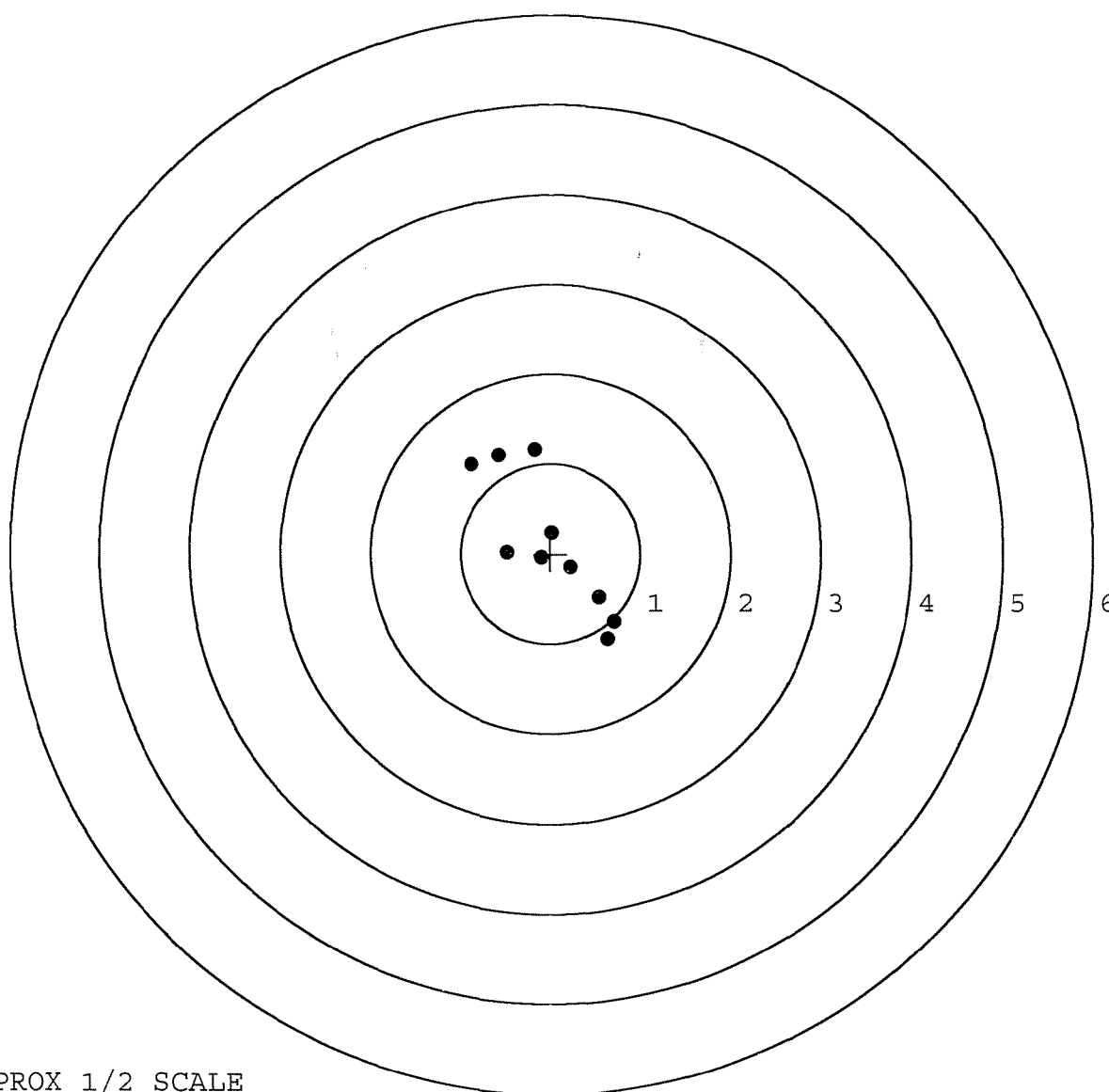
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348829. __0
TARGET NUMBER: 5
FILE DATE: 06/23/2004
FILE TIME: 07:00

X CENTROID: -0.009
Y CENTROID: 0.112
POA TO CENTROID: 0.113
HORZ SPREAD: 1.593
VERT SPREAD: 2.105
GROUP SPREAD: 2.473
MIN RADIUS: 0.128
MAX RADIUS: 1.247
MEAN RADIUS: 0.777

IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.886	0.993
2:	-0.575	1.097
3:	-0.179	1.155
4:	-0.486	0.025
5:	0.016	0.238
6:	-0.101	-0.046
7:	0.222	-0.149
8:	0.545	-0.484
9:	0.644	-0.950
10:	0.707	-0.756



TARGET APPROX 1/2 SCALE



MODEL 700™ H24



REG. U.S. PAT. & TM. OFF.

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

SERIAL NO.
C6348829

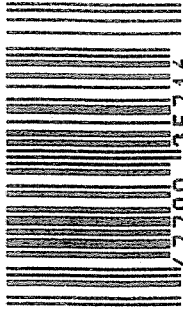
ORDER NO.
5716

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



5716 C6348829

UPC



0 47700 25716

7

INTERCHANGEABILITY ^{M-24}

Score 0183

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348829

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	7 21 89	RW
600	Proof		7 21 89	RW
607	Check Headspace		7 21 89	RW
610	Dis-assemble Gun		7 21 89	RW
612	Magnaflux Barrel Action		7/23	KCR
	Magnaflux Bolt		7/23	KCR
615	Rollmark Caliber		7/23	GS.
7	Drill and Tap Sight Holes		7/27/89	W.C.
618	Polish Barrel <i>R.B.</i>		7/31/89	W.B.
620	Apply Coatings (Barrel Action)		8/2/89	JTH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/7/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/7/89	RW
	C) Inspect Ejector Hole for Chamfer		8/2/89	RW
	D) Oil Firing Pin Ass'y		8/7/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10 Aug 89	JD

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	4	4			10 Aug 89	JS
	G) Safety Off Force	3	3	3			10 Aug 89	JS
	H) Trigger Pull Test & Retainability						10 Aug 89	JS
	I) Firing Pin Indent	.021	.021	.021			10 Aug 89	JS
	J) Assemble Stock						8/14/89	RW
	K) Assemble Swivel Studs						18 Aug 89	JS
	L) Attach Front and Rear Sight Assemblies						8/14/89	RW
	M) Iron Sight Alignment						8/14/89	RW
	N) Detach Front & Rear Sights & place in numbered container						8/14/89	RW
	O) Attach Scope to Rifle						8/14/89	JS
	P) Detach & Attach Scope 20 Times						8/14/89	JS
640	Gallery Target & Test	94R	56L				8-17-89	AC
	A) Time						8-17-89	AC
	B) Malfunctions						8-17-89	AC
	C) Pierced Primers						8-17-89	AC
	D) Optical Clarity of Scope						8-17-89	AC
645	Inspect for Live Ammo						8-17-89	AC
655	Final Inspection						18 Aug 89	JS
	A) Headspace						18 Aug 89	JS
	B) Trigger Pull	205	215	232	229	224	18 Aug 89	JS
	C) Function						18 Aug 89	JS
660	Pack						19 Sep 89	JS

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6348829

DATE 7-9-90

TESTER JJ

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.34	2.39	2.38	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.35	2.39	2.35	
PULL #3	2.39	2.42	2.33	
PULL #4	2.40	2.38	2.22	
PULL #5	2.39	2.39	2.39	
TOTAL	11.87	11.97	11.77	
AVG.	2.374	2.394	2.354	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.28	3.28	
PULL #2	3.32	3.38	
PULL #3	3.31	3.35	
PULL #4	3.32	3.34	
PULL #5	3.32	3.34	
TOTAL	16.55	16.69	
AVG.	3.31	3.338	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.40	4.30		4.39
PULL #2	4.27	4.39		4.35
PULL #3	4.36	4.38		4.35
PULL #4	4.35	4.41		4.39
PULL #5	4.36	4.40		4.35
TOTAL	21.69	21.88		21.83
AVG.	4.338	4.376		4.366

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06348829
18 Aug 1989

CENTROIDAL DISTANCES

0 TO	1	.534986
1 TO	2	.737011
1 TO	3	.629325
1 TO	4	.691495
1 TO	5	.231562

+ $\frac{E}{3E}$ <-----POA

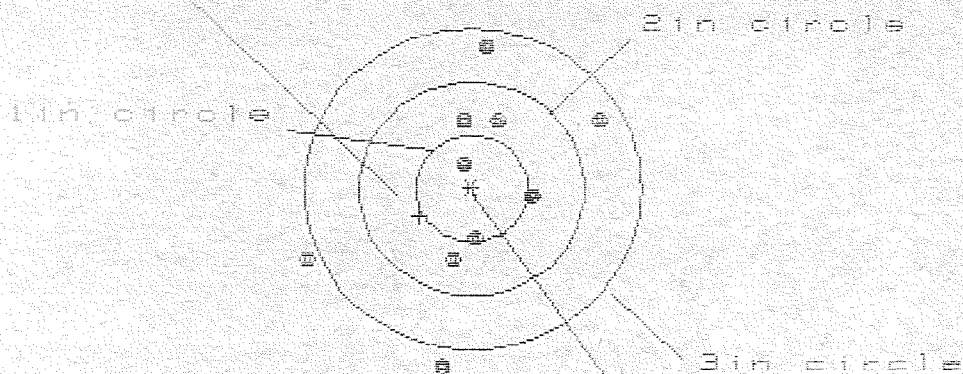
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .679
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1404
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .693364
THE AMR FOR THIS RIFLE IS: .8948

18 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6346023

CENTERFIRE PATTERNS # 1

POA



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

HS = 0.628

VS = 0.008

GS = 0.032

CENTROID *

PATTERN #

SHOTS (BEST OF)

MAXIMUM X

MINIMUM X

MAXIMUM Y

MINIMUM Y

CENTROID X

CENTROID Y

POA TO CENTROID in.

MIN RADIUS

MEAN RADIUS

MAX RADIUS

HORIZONTAL SPREAD

VERTICAL SPREAD

EXTREME SPREAD

NUMBER IN ONE INCH CIRCLE =

NUMBER IN TWO INCH CIRCLE =

NUMBER IN THREE INCH CIRCLE =

1

10

1.138

-1.491

1.366

-1.642

.467

.261

.535

.280

.919

1.660

2.629

3.008

3.032

9

1.110

-1.519

1.184

-1.857

.495

.443

.664

.128

.805

1.744

2.629

2.041

2.921

2

6

8

8

.921

-.402

1.077

-.958

.684

.550

.878

.280

.673

1.080

1.323

2.035

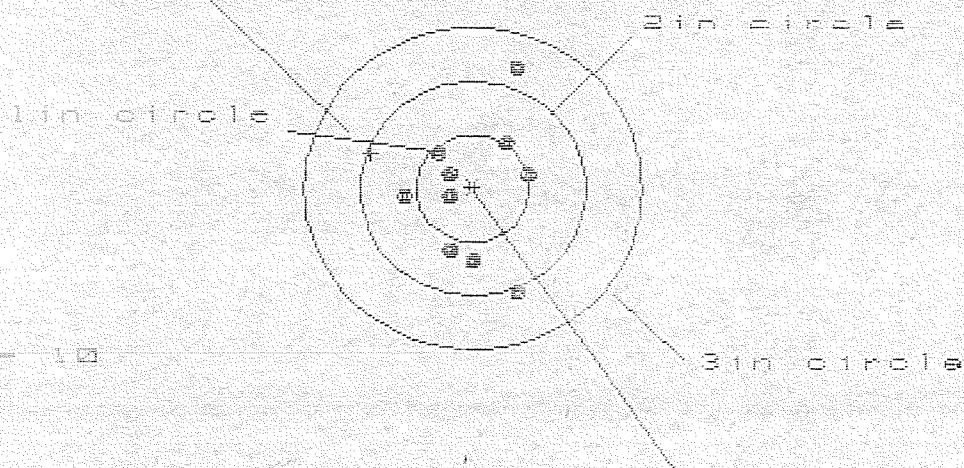
2.060

18 Aug 1989

FILE: \PATTERNING\CENTERFIRE_PATT\CG34B823

CENTERFIRE PATTERNS # 2

FOR



OF SHOTS= 10

IN CIR

1in = 4

2in = 8

3in = 10

HS= 1.058

VS= 2.110

GS= 2.111

CENTROID #

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.444	.483	.538
MINIMUM X	-.614	-.575	-.520
MAXIMUM Y	1.179	.572	.472
MINIMUM Y	-.931	-.800	-.636
CENTROID X	.906	.867	.812
CENTROID Y	-.331	-.462	-.362
FOR TO CENTROID in.	.965	.983	.889
MIN RADIUS	.226	.216	.131
MEAN RADIUS	.605	.534	.458
MAX RADIUS	1.231	.914	.645
HORIZONTAL SPREAD	1.058	1.058	1.058
VERTICAL SPREAD	2.110	1.372	1.108
EXTREME SPREAD	2.111	1.443	1.162
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	

16 Aug 1989

FILE: PATTERNING/CENTERFIRE_PATT/C834B829

CENTERFIRE PATTERNS

3

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIP

1in = 1

2in = 5

3in = 10

HS= 2.141

VS= 2.575

GS= 2.676

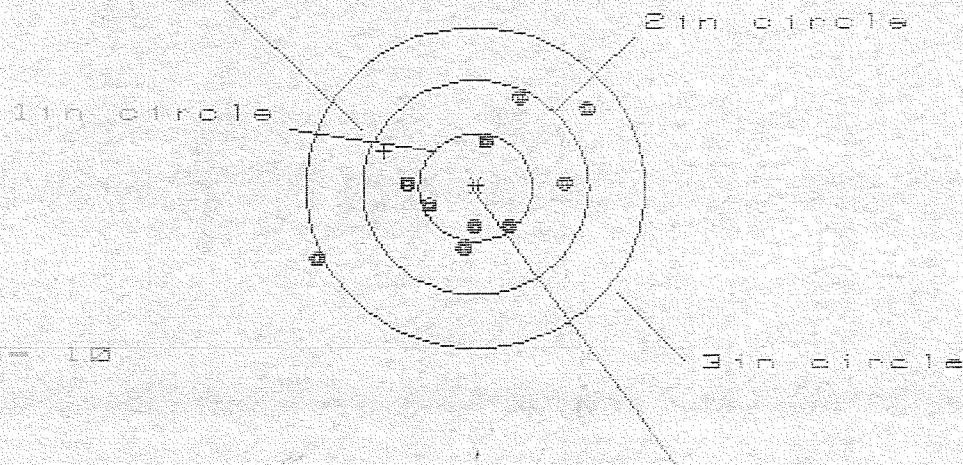
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.870	.843	.715
MINIMUM X	:	-1.271	-1.298	-1.426
MAXIMUM Y	:	1.436	1.128	1.023
MINIMUM Y	:	-1.139	-.980	-1.085
CENTROID X	:	.660	.687	.815
CENTROID Y	:	-.338	-.497	-.392
POA TO CENTROID in.	:	.741	.848	.964
MIN RADIUS	:	.328	.478	.371
MEAN RADIUS	:	1.029	.986	.910
MAX RADIUS	:	1.456	1.328	1.446
HORIZONTAL SPREAD	:	2.141	2.141	2.141
VERTICAL SPREAD	:	2.575	2.108	2.108
EXTREME SPREAD	:	2.676	2.225	2.159
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

16 Aug 1999

FILE:/PATTERNING/CENTERFIRE_PATT/C634B823

CENTERFIRE PATTERNS # 4

POA



OF SHOTS= 10

IN CIR

1in = 3

2in = 8

3in = 9

HS= 2.480

VS= 1.510

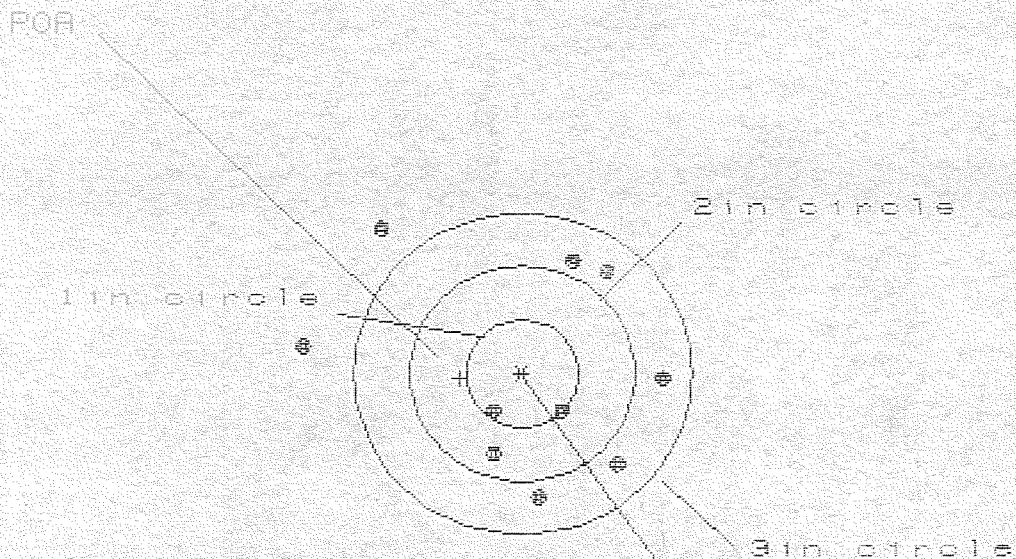
GS= 2.843

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.035	.874	.699
MINIMUM X	-1.445	-.761	-.652
MAXIMUM Y	.862	.790	.874
MINIMUM Y	-.648	-.677	-.593
CENTROID X	.809	.970	.861
CENTROID Y	-.340	-.268	-.352
POA TO CENTROID in.	.878	1.006	.930
MIN RADIUS	.355	.402	.352
MEAN RADIUS	.757	.667	.589
MAX RADIUS	1.584	1.102	.945
HORIZONTAL SPREAD	2.480	1.635	1.351
VERTICAL SPREAD	1.510	1.467	1.467
EXTREME SPREAD	2.843	1.790	1.566
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		9	

18 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/CG348829

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 2

2in = 3

3in = 5

HS= 3.233

VS= 2.506

GS= 3.248

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.279	1.061	.874
MINIMUM X	-1.954	-1.502	-.680
MAXIMUM Y	1.318	1.350	1.254
MINIMUM Y	-1.188	-1.156	-.987
CENTROID X	.553	.771	.958
CENTROID Y	.046	.014	-.155
POA TO CENTROID in.	.555	.771	.971
MIN RADIUS	.469	.354	.284
MEAN RADIUS	1.164	1.041	.871
MAX RADIUS	1.976	2.019	1.255
HORIZONTAL SPREAD	3.233	2.563	1.554
VERTICAL SPREAD	2.506	2.506	2.241
EXTREME SPREAD	3.248	3.070	2.265
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =		5	

INTERCHANGEABILITY

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348829
19 Sep 1989

CENTROIDAL DISTANCES

0 TO	1	.468876
1 TO	2	.117801
1 TO	3	.766703
1 TO	4	.244463
1 TO	5	.552327

²⁴ 3 <----POA

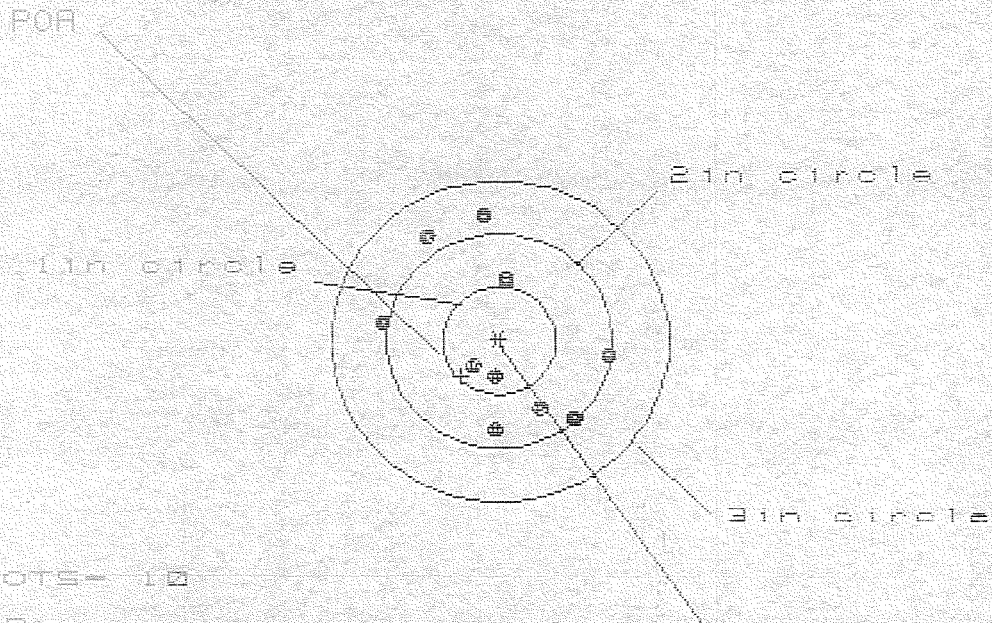
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3882
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .135
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .411004
THE AMR FOR THIS RIFLE IS: .9084

INTERCHANGEABILITY

19 Sep 1989

FILE: PATTERNING/CENTERFIRE_PATT/06346829.1

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 10

HS= 2.025

VS= 2.038

GS= 2.186

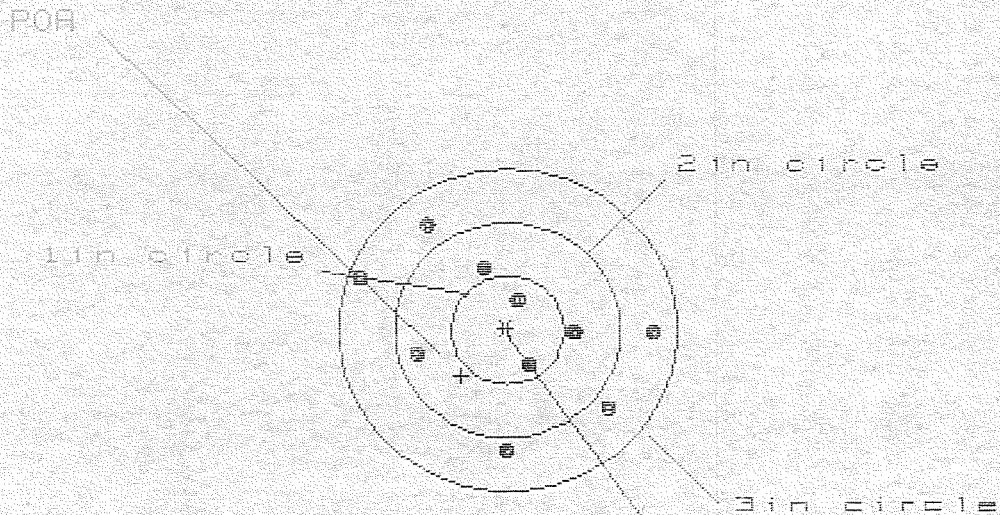
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.960	.946	.869
MINIMUM X	:	-1.065	-1.079	-1.156
MAXIMUM Y	:	1.198	1.154	.874
MINIMUM Y	:	-.840	-.707	-.562
CENTROID X	:	.337	.351	.428
CENTROID Y	:	.326	.193	.048
POA TO CENTROID in.	:	.469	.400	.431
MIN RADIUS	:	.320	.203	.141
MEAN RADIUS	:	.830	.755	.653
MAX RADIUS	:	1.205	1.309	1.290
HORIZONTAL SPREAD	:	2.025	2.025	2.025
VERTICAL SPREAD	:	2.038	1.861	1.436
EXTREME SPREAD	:	2.186	2.186	2.041
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

INTERCHANGEABILITY

19 Sep 1989

FILE: PATTERNING/CENTERFIRE_PATT/0834B8829.1

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 10

HS= 2.569

VS= 2.100

CS= 2.612

CENTROID *

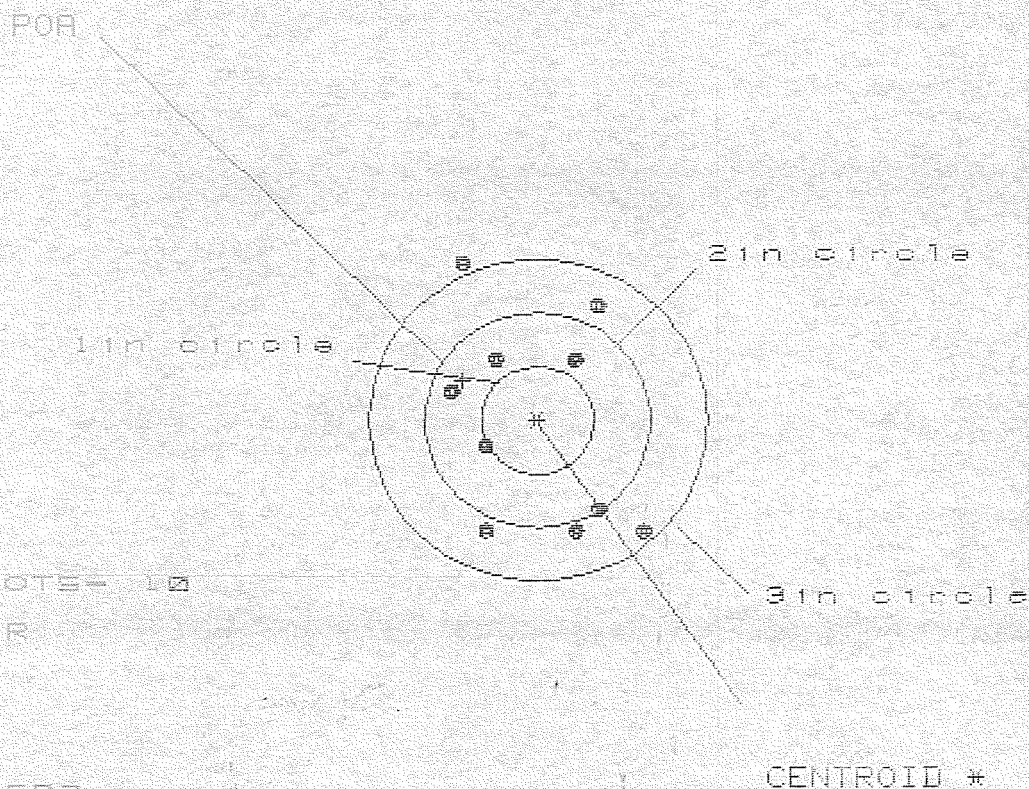
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.294	1.153	.870
MINIMUM X	:	-1.275	-.981	-.837
MAXIMUM Y	:	.934	.989	.998
MINIMUM Y	:	-1.166	-1.111	-1.102
CENTROID X	:	.408	.549	.405
CENTROID Y	:	.420	.365	.356
POA TO CENTROID in.	:	.585	.660	.539
MIN RADIUS	:	.327	.256	.328
MEAN RADIUS	:	.889	.819	.781
MAX RADIUS	:	1.367	1.281	1.202
HORIZONTAL SPREAD	:	2.569	2.134	1.707
VERTICAL SPREAD	:	2.100	2.100	2.100
EXTREME SPREAD	:	2.612	2.224	2.224
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

INTERCHANGEABILITY

19 Sep 1989

FILE: PATTERNING/CENTERFIRE_PATT/C8348623.1

CENTERFIRE PATTERNS # 3



* OF SHOTS= 10

IN CIR

1 in = 0

2 in = 5

3 in = 9

HS= 1.682

VS= 2.504

GS= 2.971

CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.955	.883	.573
MINIMUM X	:	-.727	-.799	-.689
MAXIMUM Y	:	1.491	1.262	1.157
MINIMUM Y	:	-1.013	-.848	-.953
CENTROID X	:	.665	.737	.627
CENTROID Y	:	-.367	-.532	-.427
POR TO CENTROID in.	:	.759	.909	.758
MIN RADIUS	:	.516	.551	.460
MEAN RADIUS	:	1.008	.935	.879
MAX RADIUS	:	1.627	1.345	1.291
HORIZONTAL SPREAD	:	1.682	1.682	1.262
VERTICAL SPREAD	:	2.504	2.110	2.110
EXTREME SPREAD	:	2.971	2.327	2.327
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

INTERCHANGEABILITY

19 Sep 1989

FILE:/PATTERNING/CENTERFIRE_PATT/0634B829.1

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

HS = 2.264

VS = 2.711

GS = 2.889

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.404	1.365	.904
MINIMUM X	-.860	-.899	-.729
MAXIMUM Y	1.070	.887	.946
MINIMUM Y	-1.641	-.935	-.876
CENTROID X	.578	.617	.447
CENTROID Y	.367	.550	.491
POA TO CENTROID in.	.685	.826	.664
MIN RADIUS	.029	.200	.165
MEAN RADIUS	.876	.789	.657
MAX RADIUS	1.679	1.443	1.189
HORIZONTAL SPREAD	2.264	2.264	1.633
VERTICAL SPREAD	2.711	1.822	1.822
EXTREME SPREAD	2.889	2.290	1.979
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

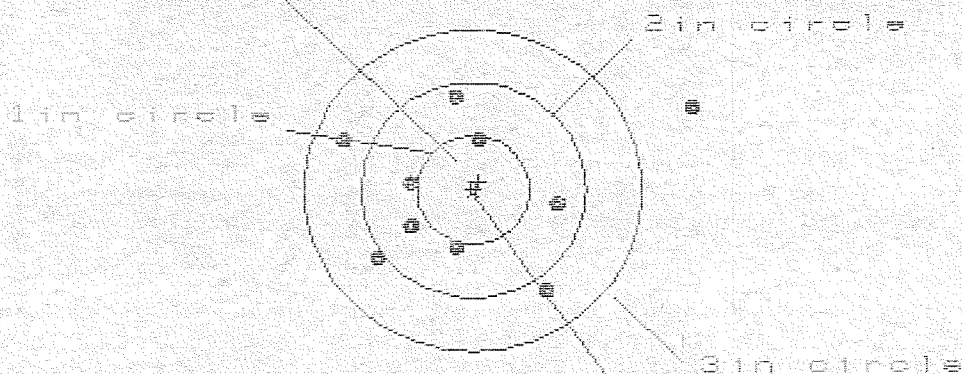
INTERCHANGEABILITY

19 Sep 1989

FILE: /PATTERNING/CENTERFIRE_PATT/C6348823.1

CENTERFIRE PATTERNS # 5

POA



OF SHOTS= 10

IN CIR

1in = 1

2in = 6

3in = 9

HS= 3.054

VS= 1.807

GS= 3.134

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.936	1.001	.888
MINIMUM X	-1.118	-.903	-.747
MAXIMUM Y	.866	.950	1.020
MINIMUM Y	-.941	-.857	-.787
CENTROID X	-.047	-.262	-.149
CENTROID Y	-.071	-.155	-.225
POA TO CENTROID in.	.085	.305	.270
MIN RADIUS	.430	.345	.388
MEAN RADIUS	.939	.766	.736
MAX RADIUS	2.080	1.235	1.106
HORIZONTAL SPREAD	3.054	1.904	1.635
VERTICAL SPREAD	1.807	1.807	1.807
EXTREME SPREAD	3.134	2.280	1.994
NUMBER IN ONE INCH CIRCLE	=	1	
NUMBER IN TWO INCH CIRCLE	=	6	
NUMBER IN THREE INCH CIRCLE	=	9	

Final Inspection

S.N. C6348829

DATE REC'D: 9-26-00

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

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:

Misc.

☐ DD-250

☐ BAR CODE

☐ PACKAGING

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

[illegible]

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6348829
23 Oct 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1016
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0008
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .101603

THE AMR FOR THIS RIFLE IS: 1.277

CENTROIDAL DISTANCES

0 TO	1	.402592
1 TO	2	.5414
1 TO	3	.631276
1 TO	4	.34722
1 TO	5	.302333

5 1
2+ 4 <----POA
3

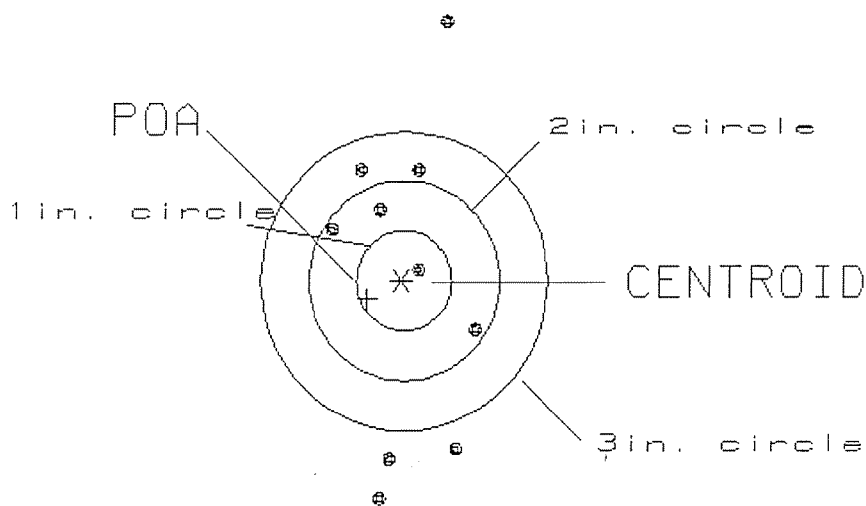
PATTERN #: 1

POA TO CENTROID: .402
 MIN RADIUS : .177
 MEAN RADIUS : 1.360
 MAX RADIUS : 2.683
 CENTROID X : .356
 CENTROID Y : .188

23 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6340029

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 1.53
 VS= 4.88
 GS= 4.92

1
 4
 6

REMINGTON CENTERFIRE ACCURACY TEST

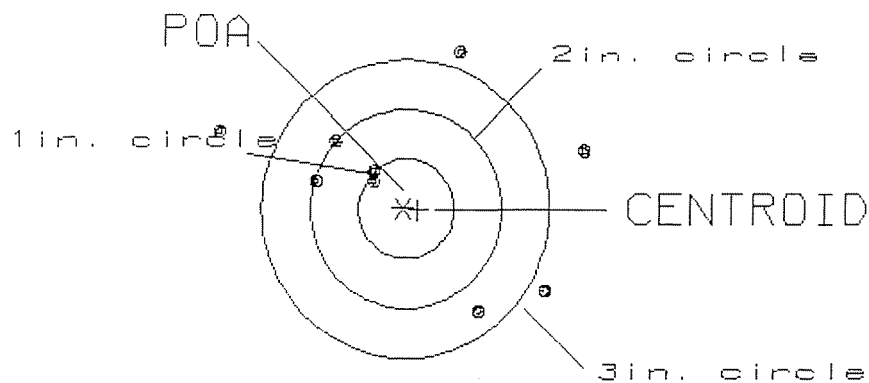
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 2
 POA TO CENTROID: .160
 MIN RADIUS : .439
 MEAN RADIUS : 1.417
 MAX RADIUS : 2.717
 CENTROID X : -.159
 CENTROID Y : .021

23 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348829

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.79

1

VS= 4.20

4

GS= 4.34

5

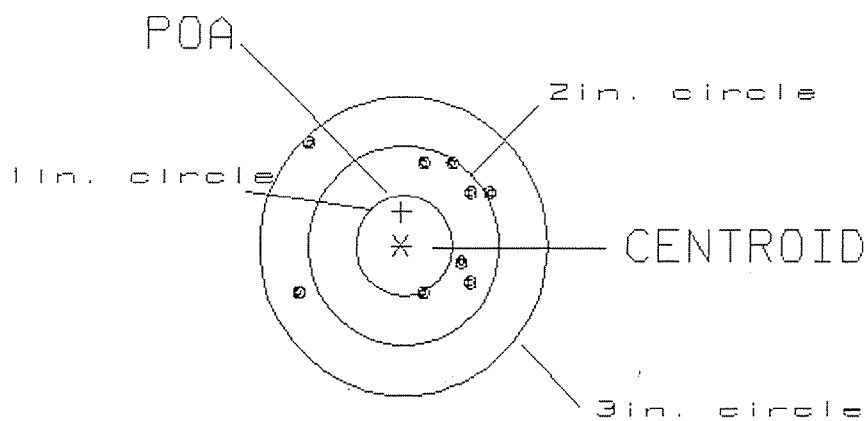
PATTERN #: 3

POA TO CENTROID: .334
 MIN RADIUS : .492
 MEAN RADIUS : 1.134
 MAX RADIUS : 2.937
 CENTROID X : .001
 CENTROID Y : -.334

23 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348829

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.54
 VS= 3.51
 GS= 3.95

1
 6
 9

REMINGTON CENTERFIRE ACCURACY TEST

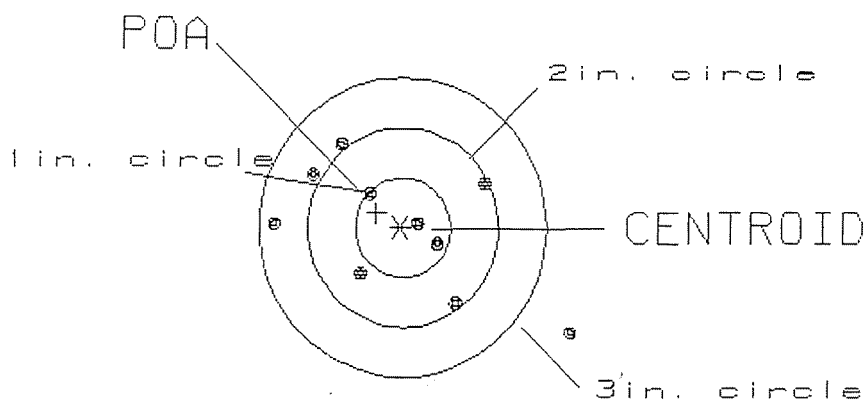
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 4
 POA TO CENTROID: .283
 MIN RADIUS : .206
 MEAN RADIUS : .932
 MAX RADIUS : 2.019
 CENTROID X : .245
 CENTROID Y : -.141

23 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348829

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.07

2

VS= 1.90

5

GS= 3.25

9

REMINGTON CENTERFIRE ACCURACY TEST

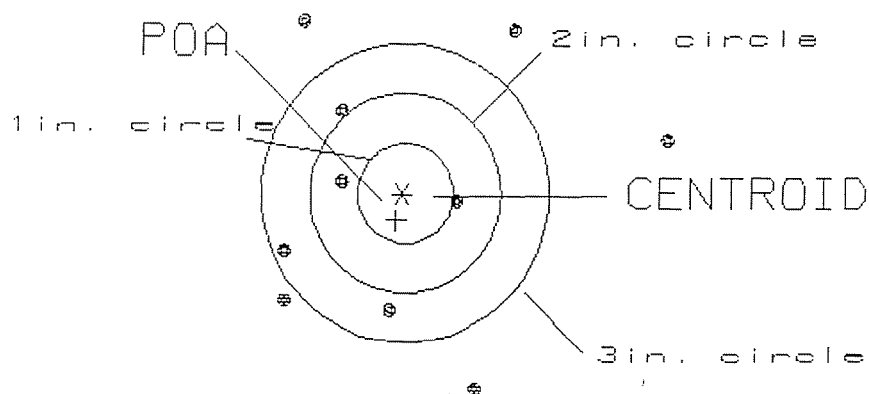
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 5
 POA TO CENTROID: .277
 MIN RADIUS : .585
 MEAN RADIUS : 1.540
 MAX RADIUS : 2.787
 CENTROID X : .065
 CENTROID Y : .270

23 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348829

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 4.05

0

VS= 3.67

2

GS= 4.28

5