

BARBER - M24 0136538

G-6616313
Rephaser
C-6349133

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 ~~0136538~~ M2499136577

Repair Number:	RE00121224	Serial: C6349133 Model M24 SWS Center Fire Caliber: 7.62 NATO Produced: 03/19/1990	Repairman:	
Verify Repair			Status:	New 12/5/2006 9:21:58 AM

Customer:		Received From	Return To:		Received From
Name:	FORT WAINWRIGHT		FORT WAINWRIGHT		
Address 1:	1ST BATTALION 17TH INFANTRY REGIMENT		1ST BATTALION 17TH INFANTRY REGIMENT		
Address 2:	172ND INF BRIG SEPERATE	PO Box:	172ND INF BRIG SEPERATE	PO Box:	
City:	FORT WRAINWRIGHT		FORT WRAINWRIGHT		
State:	AK	Zip Code:	99703	Country:	US

[illegible]

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
A006	Sling Strap	1
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A055	Deployment Kit	1
D000	SCOPE CASE	1

Repair Search

Refresh

Close

naqlatj

12/6/2006

7:35 AM

CAPS

NUM

100

SCAL

G 6616313 New

Serial Number: **C6349133**

Model: M24 SWS



RE00121224

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6616313.___0
FILE DATE AND TIME: 12/15/2006 05:56

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

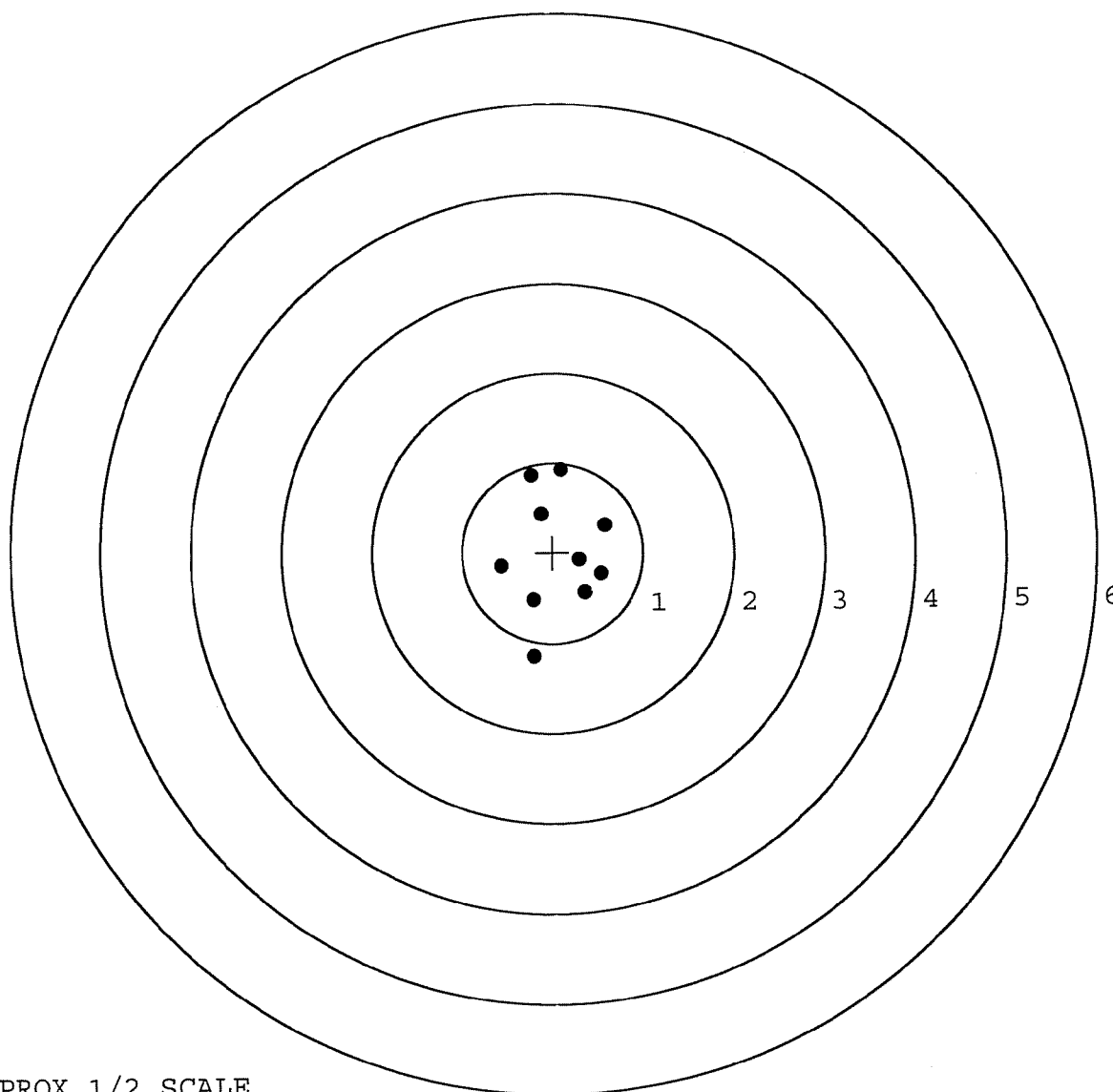
The Average X Centroid of the Five Target Set:	0.055
The Average Y Centroid of the Five Target Set:	0.112
The Average Point of Impact of the Five Target Set:	0.125
The Average Mean Radius of the Five Target Set:	0.673
The Distance from POA to Centroid Target #1:	0.053
The Distance from Centroid Target #2 to Centroid Target #1:	0.325
The Distance from Centroid Target #3 to Centroid Target #1:	0.196
The Distance from Centroid Target #4 to Centroid Target #1:	0.105
The Distance from Centroid Target #5 to Centroid Target #1:	0.142

BARBER - M24 0136541

SERIAL NUMBER: G6616313. __0
 TARGET NUMBER: 1
 FILE DATE: 12/15/2006
 FILE TIME: 05:56

POINT#	X	Y
1:	-0.216	-1.147
2:	-0.219	-0.526
3:	-0.568	-0.150
4:	0.354	-0.442
5:	0.537	-0.238
6:	0.298	-0.084
7:	0.581	0.302
8:	-0.123	0.427
9:	0.106	0.926
10:	-0.228	0.861

X CENTROID: 0.052
 Y CENTROID: -0.007
 POA TO CENTROID: 0.053
 HORZ SPREAD: 1.149
 VERT SPREAD: 2.073
 GROUP SPREAD: 2.098
 MIN RADIUS: 0.258
 MAX RADIUS: 1.171
 MEAN RADIUS: 0.664
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



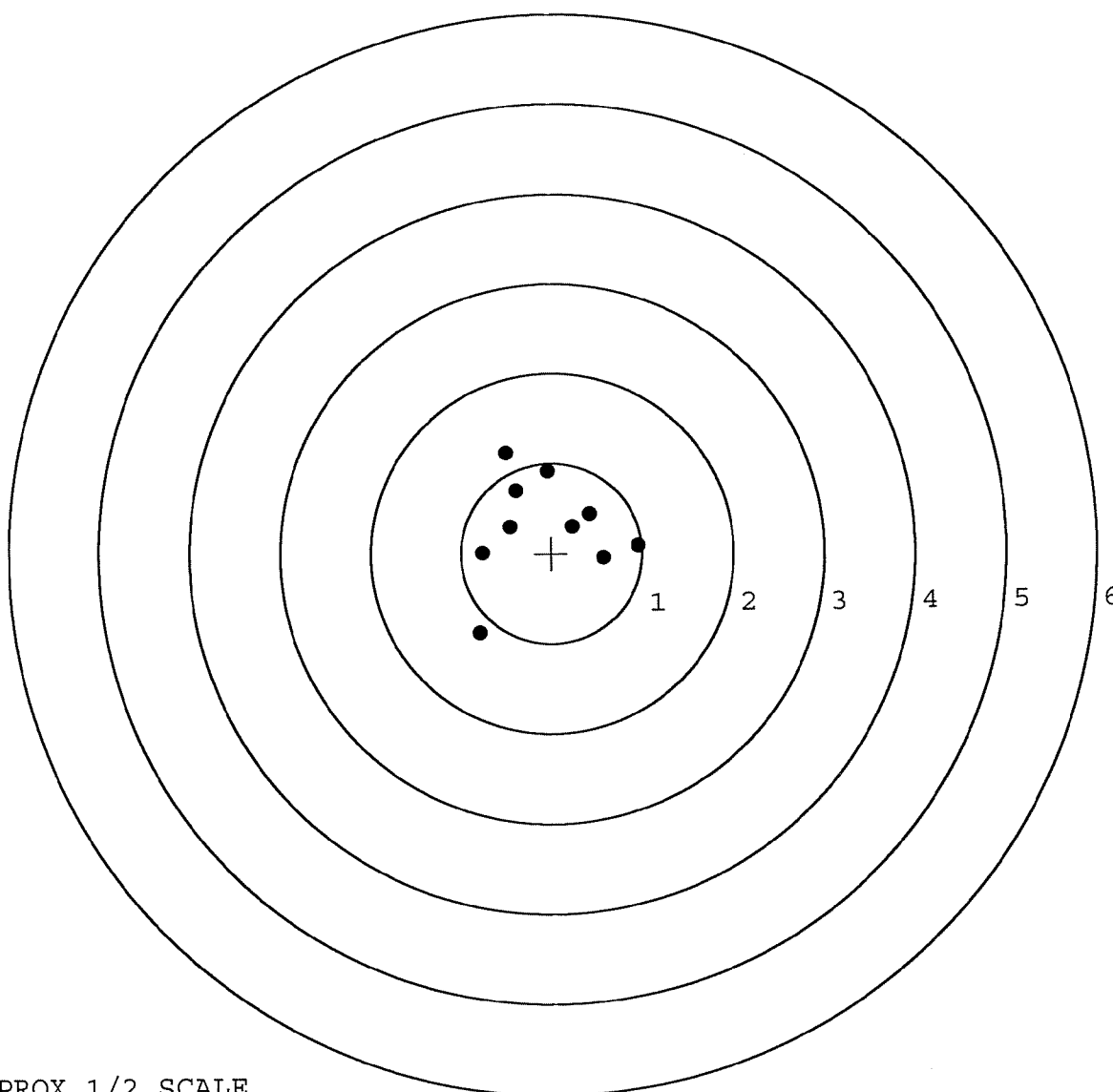
TARGET APPROX 1/2 SCALE

BARBER - M24 0136542

SERIAL NUMBER: G6616313. __0
 TARGET NUMBER: 2
 FILE DATE: 12/15/2006
 FILE TIME: 05:56

X CENTROID: -0.076
 Y CENTROID: 0.291
 POA TO CENTROID: 0.301
 HORZ SPREAD: 1.751
 VERT SPREAD: 2.001
 GROUP SPREAD: 2.024
 MIN RADIUS: 0.312
 MAX RADIUS: 1.376
 MEAN RADIUS: 0.718
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.795	-0.882
2:	-0.764	0.013
3:	-0.458	0.297
4:	0.956	0.085
5:	0.575	-0.058
6:	0.422	0.435
7:	0.236	0.294
8:	-0.044	0.913
9:	-0.390	0.697
10:	-0.494	1.119



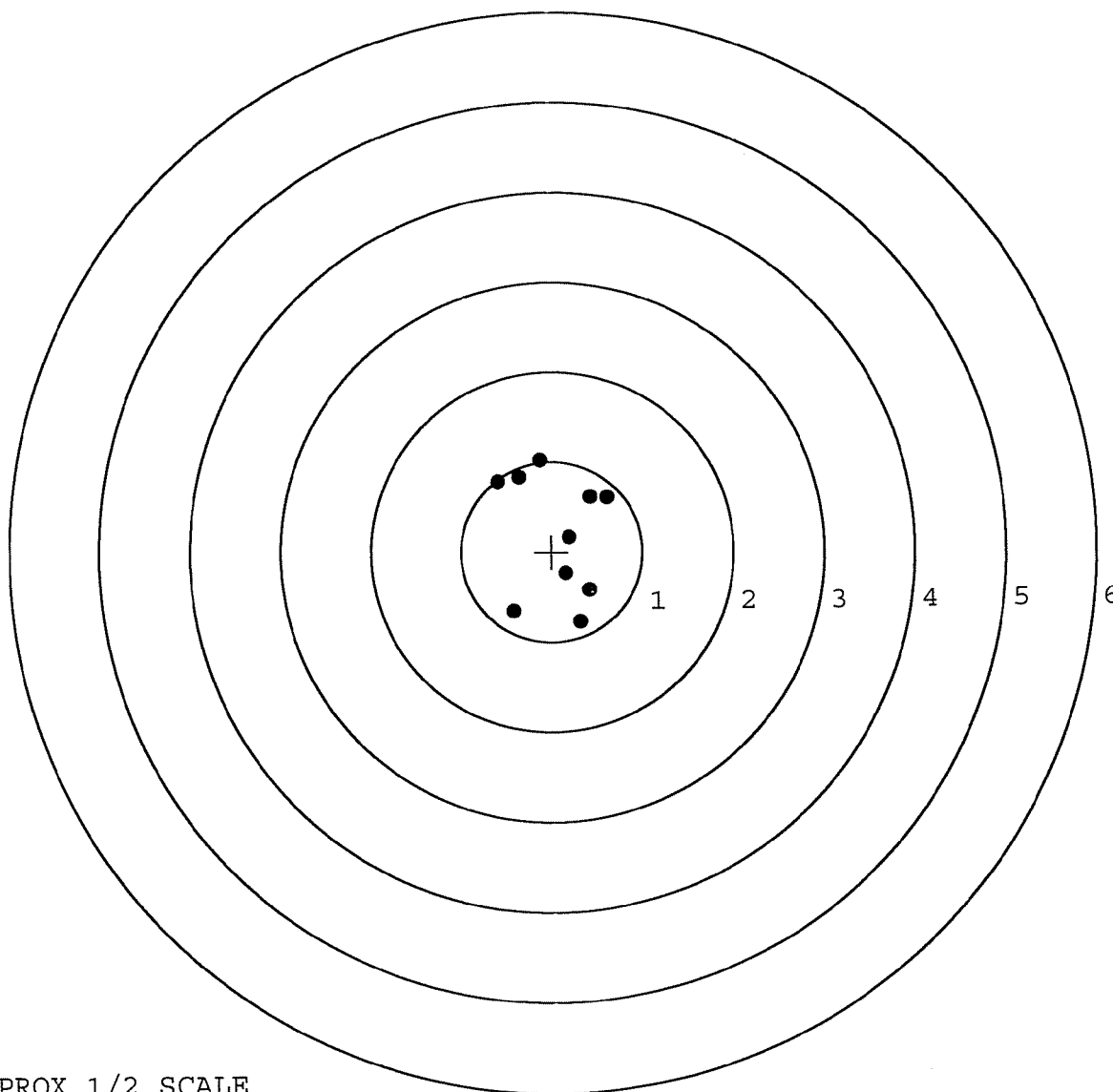
TARGET APPROX 1/2 SCALE

BARBER - M24 0136543

SERIAL NUMBER: G6616313. __0
 TARGET NUMBER: 3
 FILE DATE: 12/15/2006
 FILE TIME: 05:56

X CENTROID: 0.064
 Y CENTROID: 0.189
 POA TO CENTROID: 0.200
 HORZ SPREAD: 1.211
 VERT SPREAD: 1.799
 GROUP SPREAD: 1.853
 MIN RADIUS: 0.137
 MAX RADIUS: 1.006
 MEAN RADIUS: 0.703
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.424	-0.660
2:	0.320	-0.784
3:	0.419	-0.433
4:	0.154	-0.240
5:	0.199	0.162
6:	0.620	0.605
7:	0.431	0.613
8:	-0.126	1.015
9:	-0.591	0.782
10:	-0.357	0.829



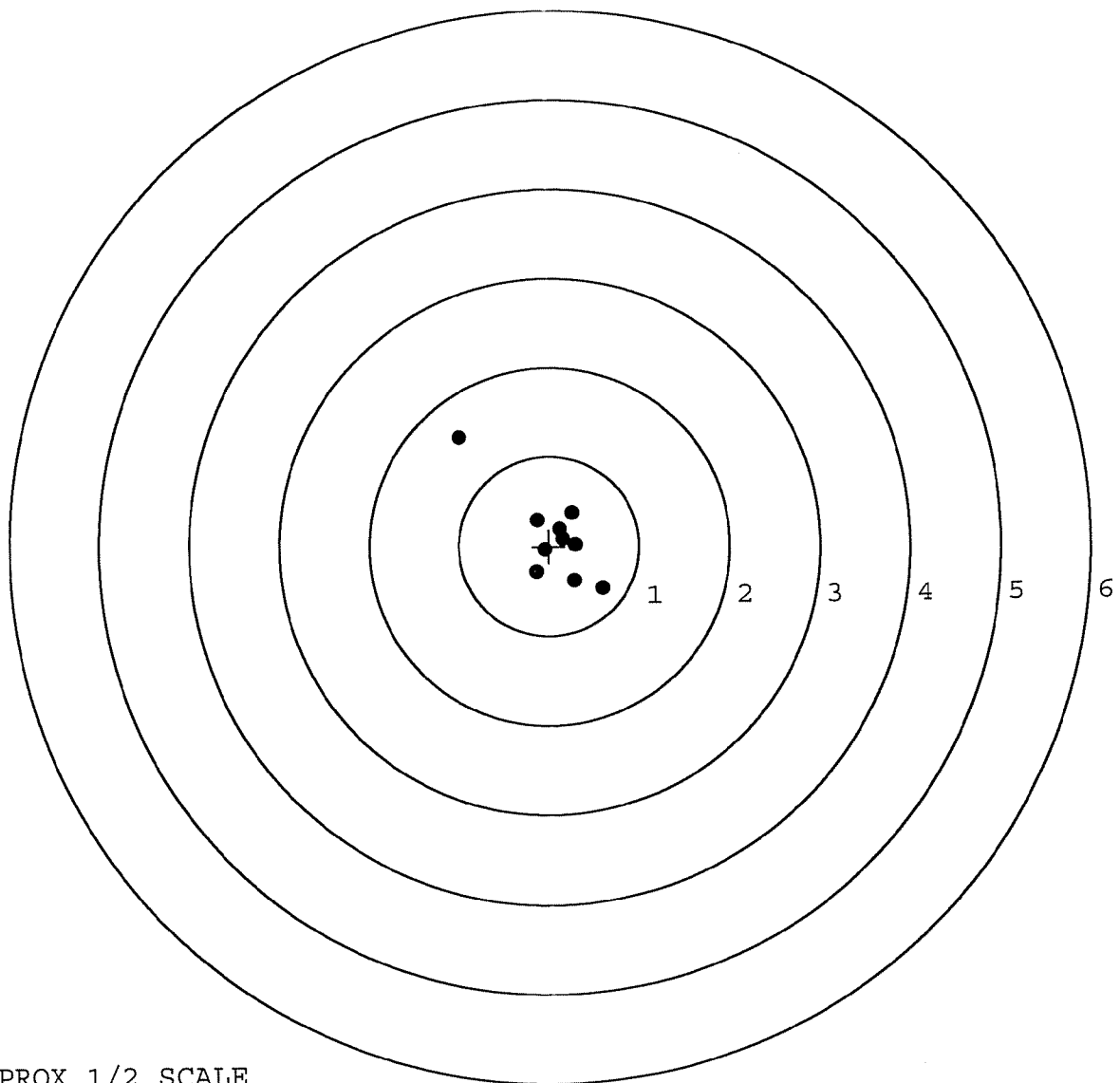
TARGET APPROX 1/2 SCALE

BARBER - M24 0136544

SERIAL NUMBER: G6616313. __0
TARGET NUMBER: 4
FILE DATE: 12/15/2006
FILE TIME: 05:56

POINT#	X	Y
1:	-0.990	1.226
2:	0.599	-0.479
3:	0.283	-0.388
4:	-0.143	-0.290
5:	0.295	0.018
6:	0.261	0.369
7:	-0.132	0.292
8:	0.125	0.187
9:	-0.052	-0.045
10:	0.155	0.084

X CENTROID: 0.040
Y CENTROID: 0.097
POA TO CENTROID: 0.105
HORZ SPREAD: 1.589
VERT SPREAD: 1.705
GROUP SPREAD: 2.331
MIN RADIUS: 0.116
MAX RADIUS: 1.528
MEAN RADIUS: 0.459
IN 1 IN DIAMETER: 7
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 9



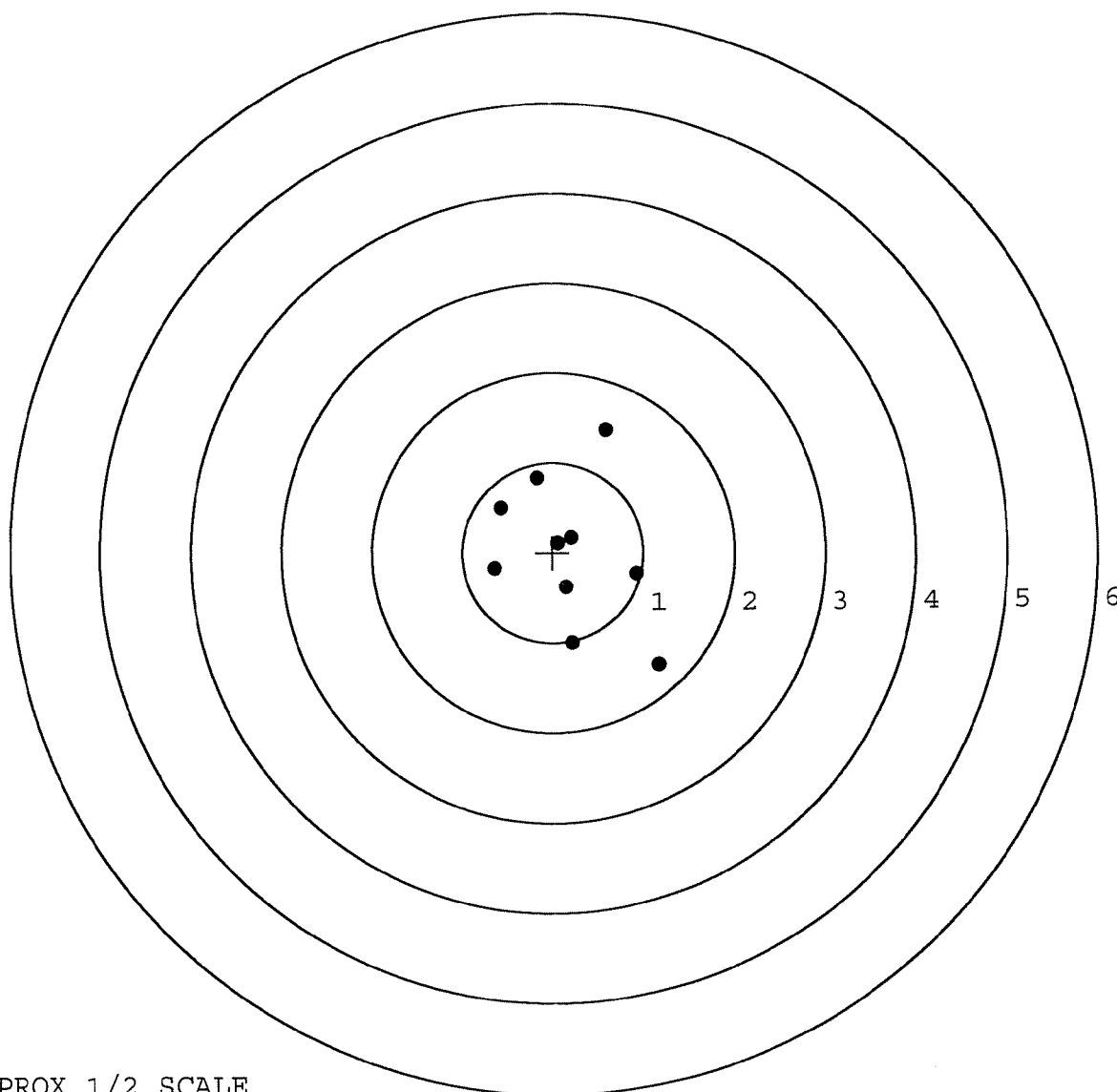
TARGET APPROX 1/2 SCALE

BARBER - M24 0136545

SERIAL NUMBER: G6616313. __0
 TARGET NUMBER: 5
 FILE DATE: 12/15/2006
 FILE TIME: 05:56

X CENTROID: 0.194
 Y CENTROID: -0.011
 POA TO CENTROID: 0.194
 HORZ SPREAD: 1.806
 VERT SPREAD: 2.612
 GROUP SPREAD: 2.673
 MIN RADIUS: 0.179
 MAX RADIUS: 1.578
 MEAN RADIUS: 0.819
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.166	-1.255
2:	0.220	-1.007
3:	0.921	-0.246
4:	0.597	1.357
5:	-0.170	0.829
6:	-0.571	0.502
7:	-0.640	-0.177
8:	0.147	-0.392
9:	0.209	0.167
10:	0.058	0.107



TARGET APPROX 1/2 SCALE

BARBER - M24 0136546AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS2.50 LBS (plus or minus 0.50 LBS)
3.00 LBS (plus or minus 0.75 LBS)
4.00 LBS (plus or minus 1.00 LBS)DATE 11-13-06TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	259	260		268	
PULL #2	257	266		254	
PULL #3	267	272		265	
PULL #4	248	251		261	
PULL #5	258	256		263	
TOTAL	1289	1305		1311	
AVERAGE	257	261		262	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	297	310		
PULL #2	305	314		
PULL #3	304	315		
PULL #4	303	315		
PULL #5	305	318		
TOTAL	1514	1572		
AVERAGE	302	314		

	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	425	409		404
PULL #2	419	406		401
PULL #3	417	407		397
PULL #4	416	409		400
PULL #5	419	408		400
TOTAL	2096	2039		2002
AVERAGE	419	407		400

INSPECTION CHECKLIST - REPAIRS

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

R & E NUMBER	121224			
SERIAL NUMBER	66349133		G6616313 (New)	
LOG-IN DATE	12-5-06			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		12-7-06	RTZ
505	RE-BARREL		12-7-06	RTZ
420	ASSEMBLE		12-8-06	RTZ
440	PROOF	MAGNA-FLUX	12-8-06	TRW
460	CHECK HEADSPACE	INSPECTED	12-8-06	TRW
470	DIS-ASSEMBLE GUN	DEC 8 2006	12-8-06	RTZ
480	MAGNAFLUX	OPERATOR <i>[Signature]</i>	12-8-06	TRW
510	DRILL AND TAP		12-8-06	TRW
500	ROLLMARK CALIBER		12-8-06	CUJ
520	GOFF BLAST BBL / REC		12-8-06	CB
530 & 540	APPLY COATINGS		12-11-06	FB
560	FINAL ASSEMBLY		12-13-06	RTZ
640	FUNCTION TEST AND	PASS FAIL	12-14-06	TRW
650	TARGET	PASS FAIL	12-14-06	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	12-14-06	WR
670	FINAL INSPECTION			
	A) HEADSPACE	PASS FAIL	12-14-06	RLG
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.64 2.36 2.42 2.27 2.39 12-15-06	DA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	5.2 5.5 5.2 12-15-06	DA
	G) SAFETY OFF FORCE	2 LBS MIN	3.2 3.2 3.2 12-15-06	DA
	I) FIRING PIN INDENT	.020	.023 .023 .023 12-15-06	DA
690	PACK		12-19-06	DA

F006 REV 5/2006

BARREL ASSEMBLY	STOCK ASSEMBLY
____ BARREL	____ STOCK
____ RECEIVER	____ SLING SWIVEL STUDS
____ FRONT SIGHT BASE	____
____ REAR SIGHT BASE	____ BUTT PATE
____ SCREWS	____ LOCK NUTS
____ FINISH	____ BARREL CLEARANCE
	____ COLOR / FINISH
SCOPE ASSEMBLY	SYSTEM CASE
____ SCOPE	____ SCOPE CASE
____ SCOPE RINGS	____ IRON SIGHTS
____ MOUNTING SCREWS	____ DEPLOYMENT KIT
____ MOUNTING BASE	
____ SCREWS	TRIGGER ASSEMBLY
____ FINISH	____ SAFETY OPERATION
____ CLARITY	____ RE-SET TO FACTORY SPECS
COMMENTS: _____	

F006 REV 5/2006

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: **RE00061389** Serial: C6349133 Model 700 Center Fire Caliber: 7.62 NATO M-24 (SWS) Repairman: Status: Closed 2/10/2003 11:53:23 AM

Verify Repair

Address Information

Customer: Received From Return To: Received From

Name: FORT WAINWRIGHT FORT WAINWRIGHT

Address 1: 1ST BATTALION 17TH INFANTRY REGIMENT 1ST BATTALION 17TH INFANTRY REGIMENT

Address 2: 172ND INF BRIG SEPERATE PO Box: 172ND INF BRIG SEPERATE PO Box:

City: FORT WRAINWRIGHT FORT WRAINWRIGHT

State: AK Zip Code: 99703 Country: US State: AK Zip Code: 99703 Country: US

FFL

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: Fax: Email: Comments:

Received Condition

Poor

Condition Notes: CSR Notes:

Accessories Received

Code	Desc	Qty
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
X	FRT & REAR SGT BA	1
XX	DEPLOYMENT CASE	1
XXX	SCOPE CASE	1

Repair Search Refresh Close

naglel 2/10/2003 2:04 PM CAPS NUM INS SCRL

start 2 Microsoft O... Arms Services R... 3 Microsoft Ex... My Excite - Mic... 2:04 PM

Serial Number: **C6349133**

Model: **700**



RE00061389

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 **M249Q136588**

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349133.___0
FILE DATE AND TIME: 03/09/2003 01:28

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

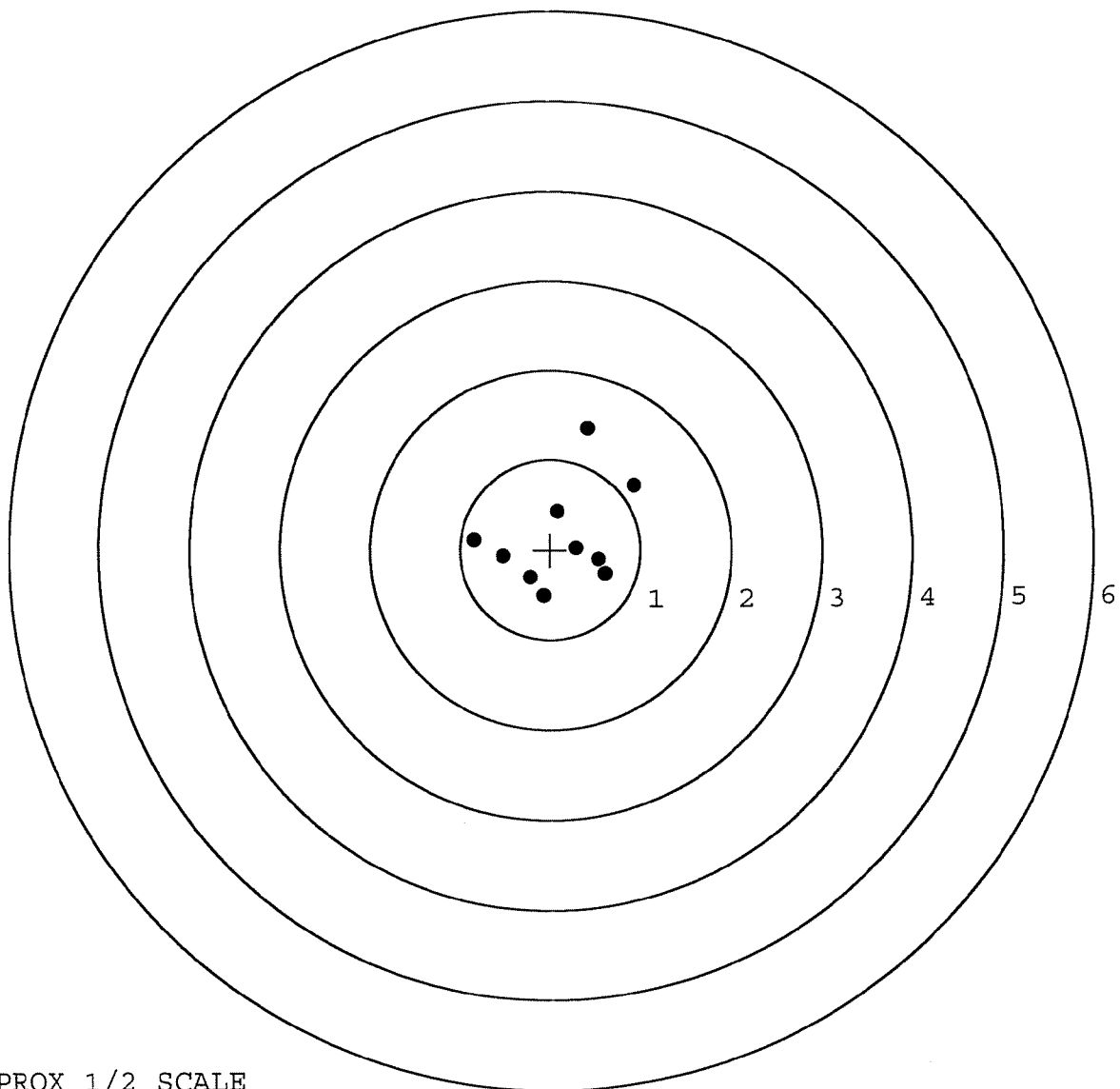
The Average X Centroid of the Five Target Set:	0.025
The Average Y Centroid of the Five Target Set:	-0.030
The Average Point of Impact of the Five Target Set:	0.039
The Average Mean Radius of the Five Target Set:	0.613
The Distance from POA to Centroid Target #1:	0.180
The Distance from Centroid Target #2 to Centroid Target #1:	0.092
The Distance from Centroid Target #3 to Centroid Target #1:	0.508
The Distance from Centroid Target #4 to Centroid Target #1:	0.181
The Distance from Centroid Target #5 to Centroid Target #1:	0.328

BARBER - M24 0136551

SERIAL NUMBER: C6349133. 0
TARGET NUMBER: 1
FILE DATE: 03/09/2003
FILE TIME: 01:28

POINT#	X	Y
1:	0.927	0.710
2:	0.424	1.340
3:	0.612	-0.272
4:	0.538	-0.107
5:	0.290	0.021
6:	0.082	0.431
7:	-0.078	-0.515
8:	-0.222	-0.312
9:	-0.526	-0.072
10:	-0.846	0.123

X CENTROID: 0.120
Y CENTROID: 0.135
POA TO CENTROID: 0.180
HORZ SPREAD: 1.773
VERT SPREAD: 1.855
GROUP SPREAD: 1.922
MIN RADIUS: 0.204
MAX RADIUS: 1.243
MEAN RADIUS: 0.674
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



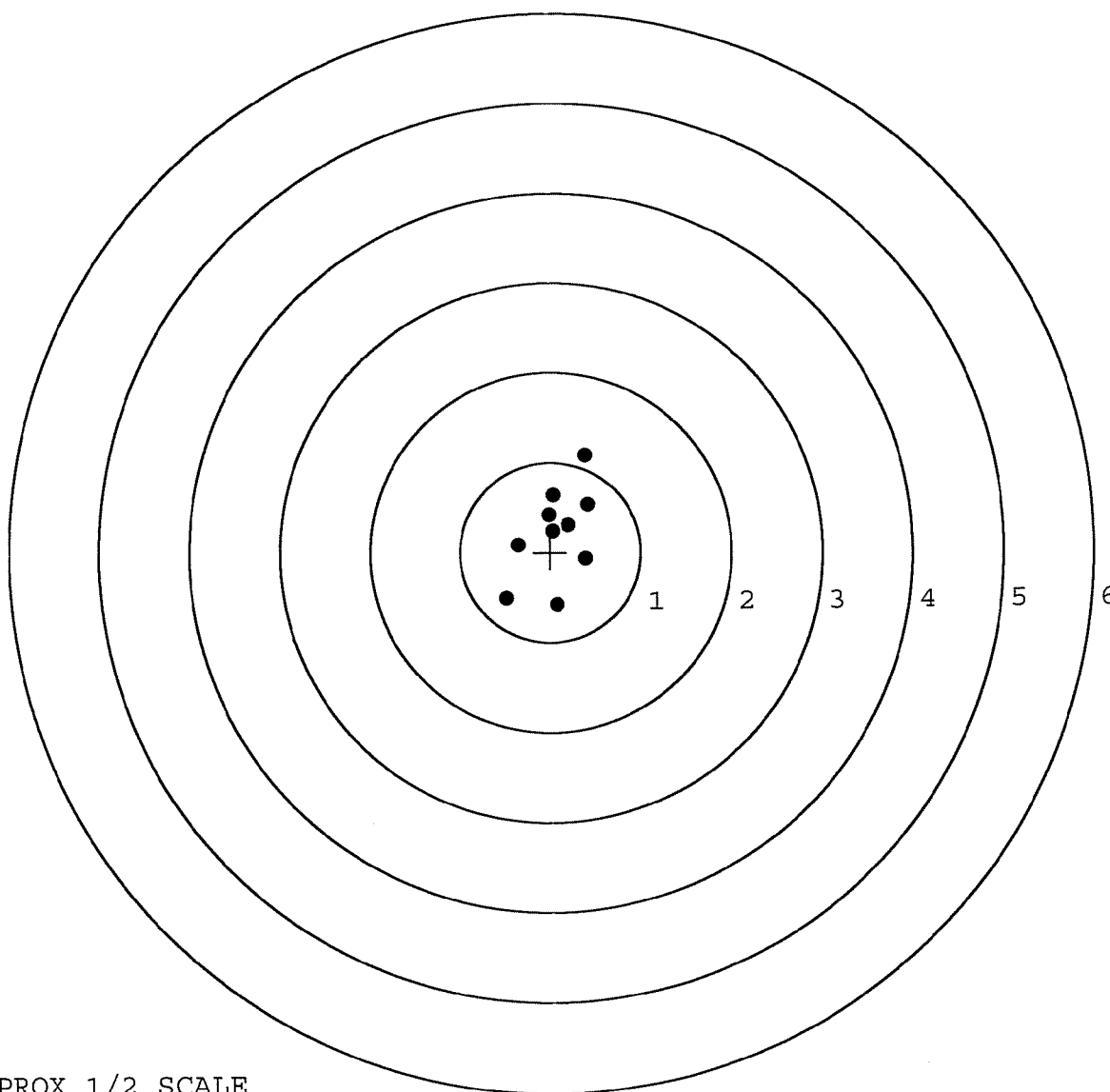
TARGET APPROX 1/2 SCALE

BARBER - M24 0136552

SERIAL NUMBER: C6349133. __0
 TARGET NUMBER: 2
 FILE DATE: 03/09/2003
 FILE TIME: 01:28

POINT#	X	Y
1:	0.075	-0.593
2:	-0.492	-0.516
3:	0.388	1.079
4:	0.037	0.638
5:	0.419	0.527
6:	0.390	-0.078
7:	-0.359	0.082
8:	-0.018	0.419
9:	0.200	0.303
10:	0.030	0.239

X CENTROID: 0.067
 Y CENTROID: 0.210
 POA TO CENTROID: 0.220
 HORZ SPREAD: 0.911
 VERT SPREAD: 1.672
 GROUP SPREAD: 1.822
 MIN RADIUS: 0.047
 MAX RADIUS: 0.926
 MEAN RADIUS: 0.486
 # IN 1 IN DIAMETER: 7
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



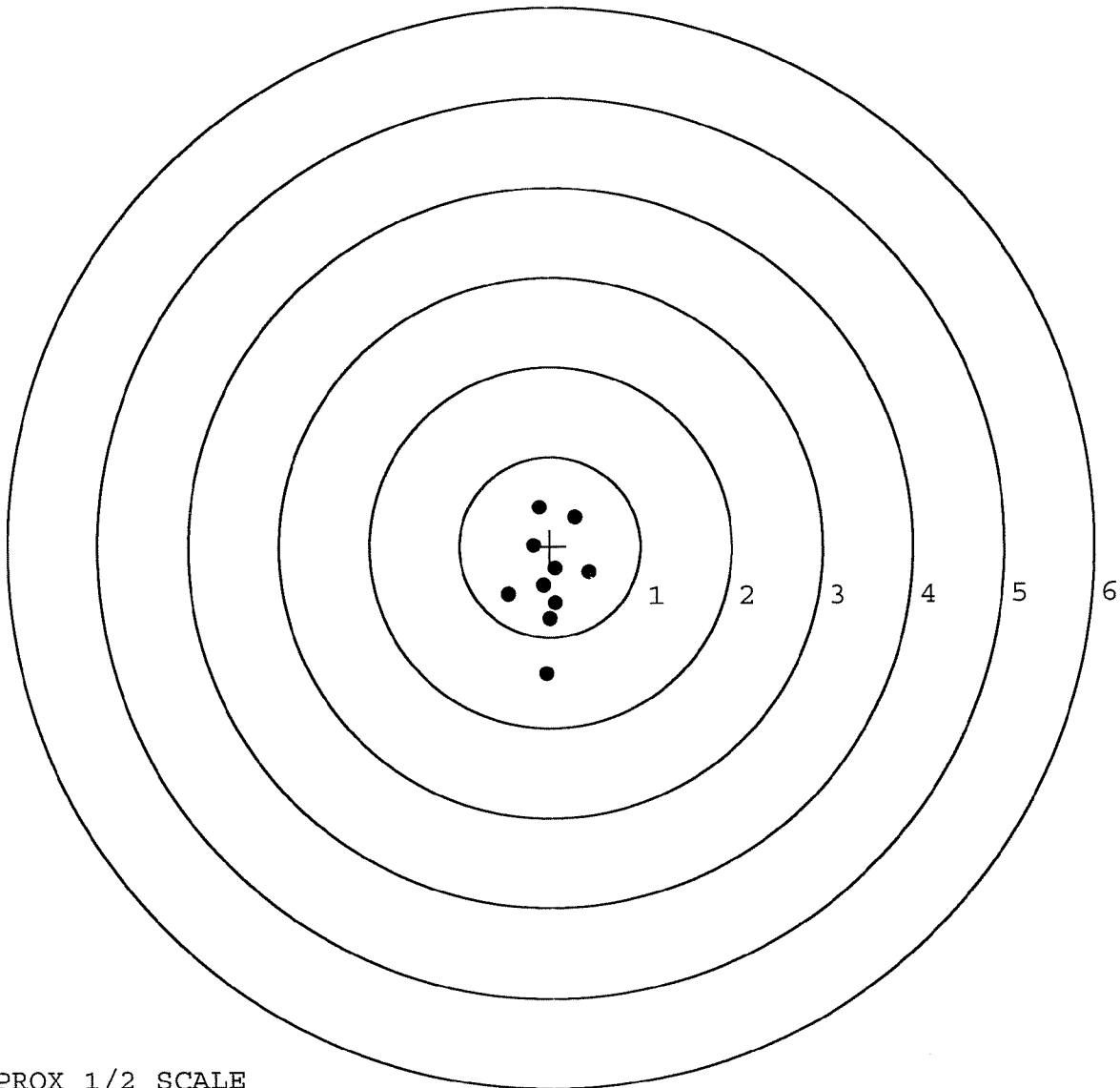
TARGET APPROX 1/2 SCALE

BARBER - M24 0136553

SERIAL NUMBER: C6349133. __0
 TARGET NUMBER: 3
 FILE DATE: 03/09/2003
 FILE TIME: 01:28

POINT#	X	Y
1:	-0.116	0.439
2:	0.281	0.324
3:	0.432	-0.289
4:	-0.049	-1.408
5:	-0.460	-0.532
6:	-0.012	-0.802
7:	0.056	-0.631
8:	-0.181	0.010
9:	0.057	-0.251
10:	-0.075	-0.434

X CENTROID: -0.007
 Y CENTROID: -0.357
 POA TO CENTROID: 0.357
 HORZ SPREAD: 0.892
 VERT SPREAD: 1.847
 GROUP SPREAD: 1.848
 MIN RADIUS: 0.103
 MAX RADIUS: 1.051
 MEAN RADIUS: 0.488
 # IN 1 IN DIAMETER: 7
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



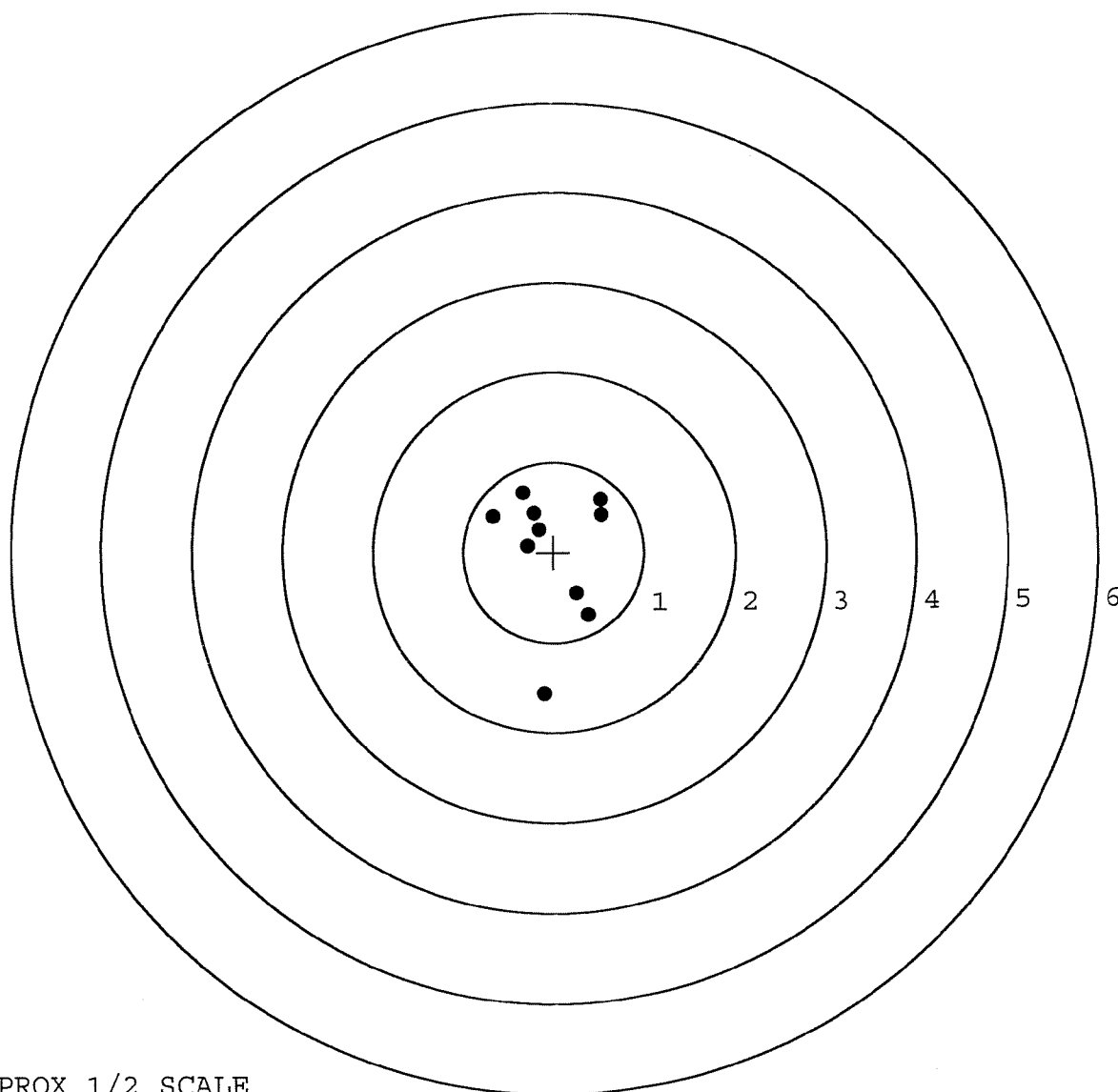
TARGET APPROX 1/2 SCALE

BARBER - M24 0136554

SERIAL NUMBER: C6349133. __0
 TARGET NUMBER: 4
 FILE DATE: 03/09/2003
 FILE TIME: 01:28

POINT#	X	Y
1:	-0.112	-1.577
2:	0.386	-0.694
3:	0.255	-0.455
4:	0.528	0.415
5:	0.520	0.583
6:	-0.291	0.067
7:	-0.164	0.251
8:	-0.336	0.665
9:	-0.672	0.401
10:	-0.218	0.440

X CENTROID: -0.010
 Y CENTROID: 0.010
 POA TO CENTROID: 0.014
 HORZ SPREAD: 1.200
 VERT SPREAD: 2.242
 GROUP SPREAD: 2.253
 MIN RADIUS: 0.286
 MAX RADIUS: 1.590
 MEAN RADIUS: 0.694
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 9



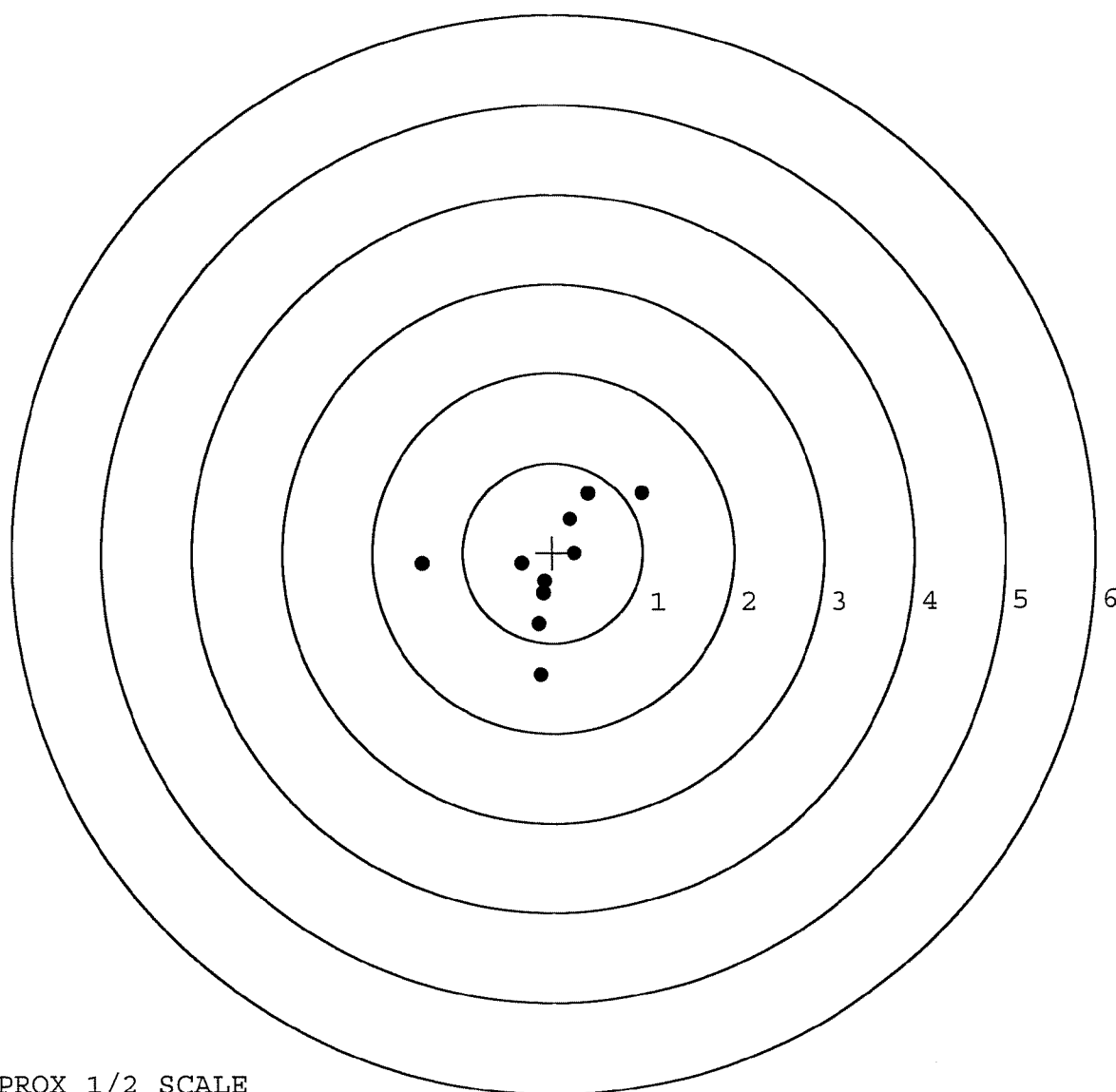
TARGET APPROX 1/2 SCALE

BARBER - M24 0136555

SERIAL NUMBER: C6349133. __0
 TARGET NUMBER: 5
 FILE DATE: 03/09/2003
 FILE TIME: 01:28

X CENTROID: -0.046
 Y CENTROID: -0.149
 POA TO CENTROID: 0.156
 HORZ SPREAD: 2.440
 VERT SPREAD: 2.028
 GROUP SPREAD: 2.560
 MIN RADIUS: 0.182
 MAX RADIUS: 1.407
 MEAN RADIUS: 0.722
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.136	-1.364
2:	-0.159	-0.796
3:	-0.101	-0.458
4:	-0.087	-0.326
5:	-0.346	-0.124
6:	-1.452	-0.115
7:	0.988	0.661
8:	0.398	0.664
9:	0.195	0.378
10:	0.245	-0.009



TARGET APPROX 1/2 SCALE

BARBER - M24 0136556 FINAL INSPECTION CHECKLIST M-24 REPAIRS
CONTRACT #: DAAE-20-02-D-0127

SERIAL # C 6349133 INSPECTED BY: RTL

DATE REC'D: 2-10-03 DATE RET'D: 3-8-03

ITEM

BARREL ASSEMBLY

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

SCOPE ASSEMBLY

☒ SCOPE
☒ SCOPE RINGS
☒ MOUNTING SCREWS
☒ MOUNTING BASE
☒ SCREWS
☒ FINISH
☒ CLARITY

ITEM

STOCK ASSEMBLY

☒ STOCK
☒ SLING AWIVEL STUDS
☒ ADJUSTABLE
☒ BUTT PLATE
☒ LOCK NUTS
☒ BARREL CLEARANCE
☒ COLOR / FINISH

SYSTEMS CASE

☒ SCOPE CASE
☒ IRON SIGHTS
☒ DEPLOYMENT KIT

TRIGGER ASSEMBLY

☒ SAFETY OPERATION
☒ RE-SET TO FACTORY SPECS

COMMENTS:

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

R & E NUMBER	61389		
SERIAL NUMBER	C6349133		
LOG-IN DATE	2-9-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2-11-03	RW
560 A	RE-BARREL	2-12-03	RTL
B	DRILL AND TAP	2-20-03	TRW
575	ASSEMBLE	2-13-03	RTL
600	PROOF	2-13-03	E
605	CHECK HEADSPACE	2-13-03	E
610	DIS-ASSEMBLE GUN	2-14-03	RTL
612	MAGNAFLUX	2-19-03	
615	ROLLMARK CALIBER	2-26-03	JA
618	ROTO-BLAST	3-3	JA
620	APPLY COATINGS	3-7-03	RTL
625 A	FINAL ASSEMBLY	X	
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	3-7-03	RW
655	FINAL INSPECT	3-8-03	RTL
660	PACK	3-8-03	JA
		SHIP DATE	
QAR INSPECTION DATE			

RECEIVING REPORT

COMMENTS

2-5-96

ORDER

R 96-02010

INITIAL CUSTOMER ORDER NO.

JIM

W/LEUFOLD 10X SCOPE W/BI-POD
W/DEPLOYMENT KIT

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
01/16/96	01/17/96		C6349133		700 7.62 NATO

ACCESSORIES HARD CASE SCOPE MNTS SCOPE BASE

FROM:

SHIP TO:

US ARMY
1/17 INF BDE
FT WAINWRIGHT

AK 99703

US ARMY
1/17 INF BDE
FT WAINWRIGHTAK
99703

CUST NO: 135899 C.O.D.

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

UPS

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

W52H095325 #242

Repairer Coat Trigger Guard
Assy Front & Rear Sight
Bases

Barrel - 96003

Stock - 96018

Rezinic Scope Base & Swivel
Studs, Scope Rings

Mag Spring - 15677

Mag Follower - 96014

Scope Adjust Dial Dust Cover (3)

96042

Scope Dust Cover front & Rear

96043 + 96044

Bi pod - 96117

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 M2499136597

New Barrel
Stock

GUN SERIAL # C6349133

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		1/22/96	RW
600	Proof		1/22/96	RW
607	Check Headspace		1/22/96	RW
610	Dis-assemble Gun		1/22/96	RW
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		1/31/96	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/31/96	RW
	C) Inspect Ejector Hole for Chamfer		1/31/96	RW
	D) Oil Firing Pin Ass'y		1/31/96	RW
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	OP NAME BARBER - M24 0136560	READINGS	DATE	INIT
625 cont.	F) Safety On Force			
	G) Safety Off Force			
	H) Trigger Pull Test & Retainability			
	I) Firing Pin Indent			
	J) Assemble Stock		1/31/96	Rw
	K) Assemble Swivel Studs			
	L) Attach Front and Rear Sight Assemblies			
	M) Iron Sight Alignment			
	N) Detach Front & Rear Sights & place in numbered container			
	O) Attach Scope to Rifle			
	P) Detach & Attach Scope 20 Times			
640	Gallery Target & Test		2/1/96	RA
	A) Time			
	B) Malfunctions			
	C) Pierced Primers			
	D) Optical Clarity of Scope			
645	Inspect for Live Ammo		2/1/96	RA
655	Final Inspection A) Headspace		2/2/96	Rw
	B) Trigger Pull			
	C) Function		2/2/96	Rw
660	Pack			

Final Inspection

Sn: C6349133 DATE REC'D: 1/17/96 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: _____

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06349133
3 Jan 1900

CENTROIDAL DISTANCES

0 TO	1	.989346
1 TO	2	.303402
1 TO	3	.51957
1 TO	4	.25005
1 TO	5	.360218

3
4
2

+ <----POA

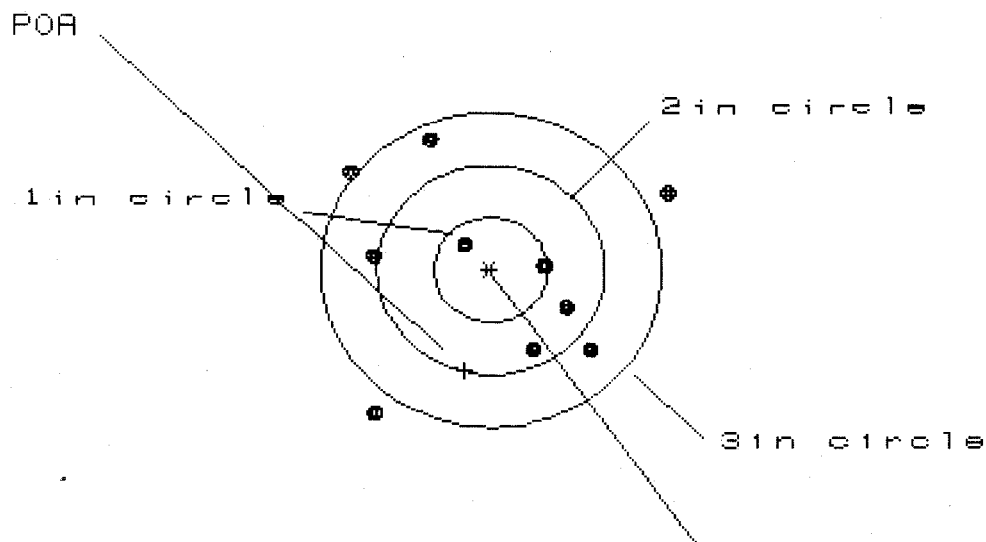
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1018
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: 1.0456
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 1.05054

THE AMR FOR THIS RIFLE IS: .976

2 Jan 1900

FILE:/PATTERNING/CENTERFIRE_PATT/C6349133

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in - 1

2in - 5

3in = 7

HS- 2.741

VS= 2.640

GS= 3.322

CENTROID *

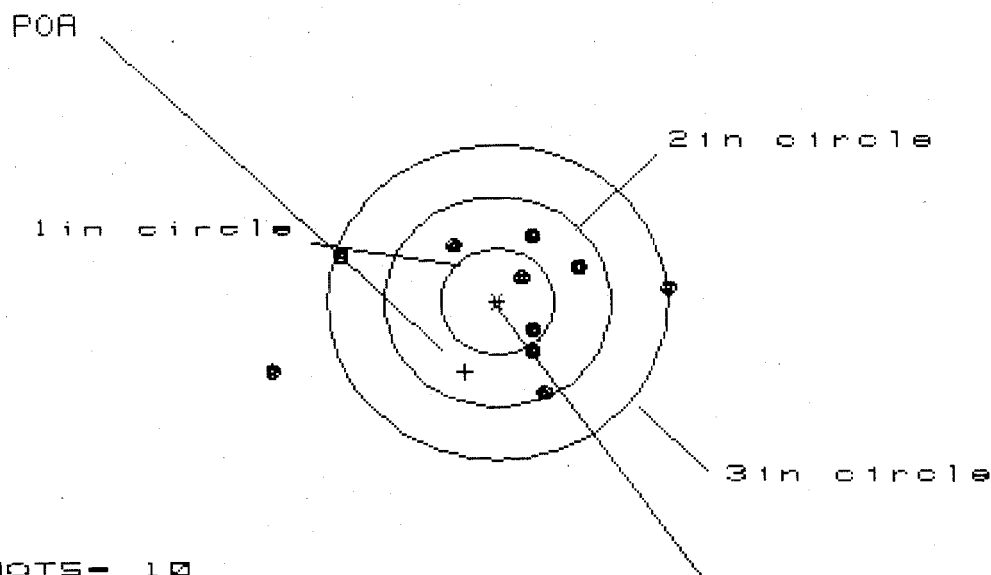
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.546	1.063	.955
MINIMUM X	-1.195	-1.023	-1.131
MAXIMUM Y	1.282	1.363	1.204
MINIMUM Y	-1.358	-1.277	-.871
CENTROID X	.231	.059	.167
CENTROID Y	.962	.881	1.040
POA TO CENTROID in.	.989	.883	1.054

MIN RADIUS	.336	.308	.237
MEAN RADIUS	1.092	1.025	.938
MAX RADIUS	1.710	1.543	1.413
HORIZONTAL SPREAD	2.741	2.086	2.086
VERTICAL SPREAD	2.640	2.640	2.075
EXTREME SPREAD	3.322	2.698	2.684
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	7		

2 Jan 1900

FILE:/PATTERNING/CENTERFIRE_PATT/06349133

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in - 2

2 in - 7

3 in = 8

HS- 3.554

VS= 1.496

GS= 3.647

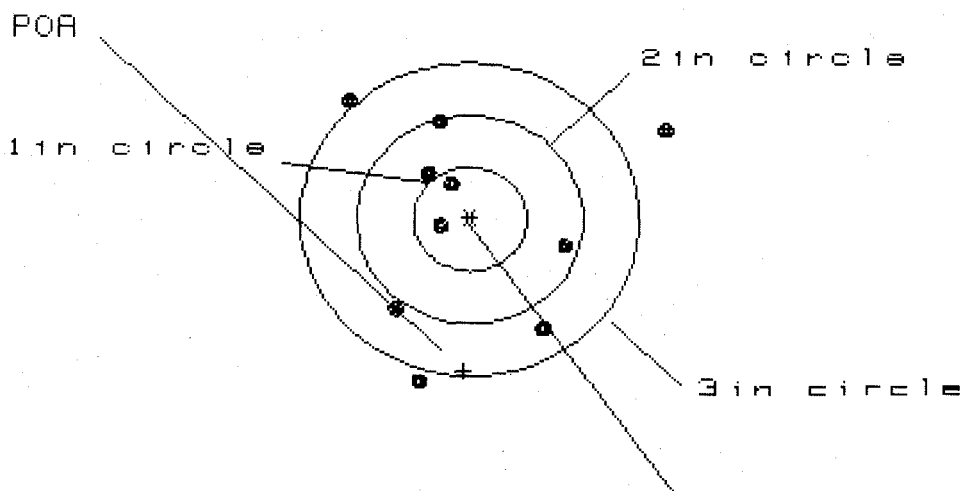
CENTROID *

PATTERN #	2	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.541	1.317	.613
MINIMUM X	-2.013	-1.587	-1.422
MAXIMUM Y	.590	.515	.524
MINIMUM Y	-.906	-.981	-.972
CENTROID X	.288	.512	.347
CENTROID Y	.664	.739	.730
POA TO CENTROID in.	.724	.899	.808
MIN RADIUS	.333	.152	.245
MEAN RADIUS	.950	.758	.709
MAX RADIUS	2.121	1.630	1.473
HORIZONTAL SPREAD	3.554	2.904	2.035
VERTICAL SPREAD	1.496	1.496	1.496
EXTREME SPREAD	3.647	2.920	2.199
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	8		

2 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06349133

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

CENTROID #

IN CIR

1 in - 2

2 in - 5

3 in - 7

HS- 2.773

VS- 2.678

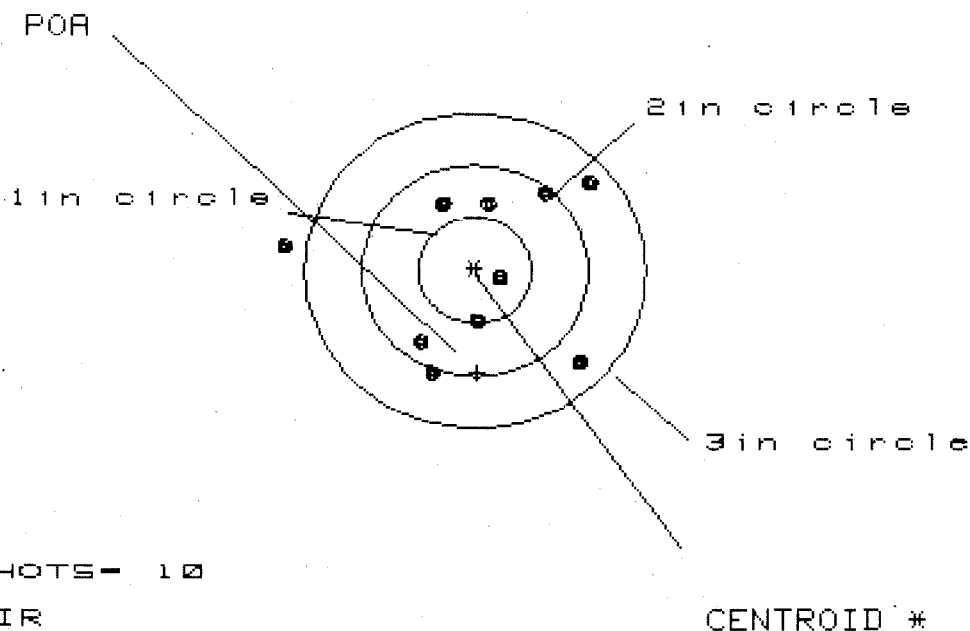
GS- 3.225

PATTERN #	:	3	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.735	1.027	.987
MINIMUM X	:	-1.038	-.846	-.886
MAXIMUM Y	:	1.167	1.256	1.078
MINIMUM Y	:	-1.511	-1.422	-1.118
CENTROID X	:	.064	-.128	-.088
CENTROID Y	:	1.454	1.365	1.543
POA TO CENTROID in.	:	1.456	1.371	1.545
MIN RADIUS	:	.276	.071	.204
MEAN RADIUS	:	1.033	.910	.816
MAX RADIUS	:	1.911	1.514	1.395
HORIZONTAL SPREAD	:	2.773	1.873	1.873
VERTICAL SPREAD	:	2.678	2.678	2.196
EXTREME SPREAD	:	3.225	2.737	2.737
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	7		

2 Jan 1968

FILE:/PATTERNING/CENTERFIRE_PATT/C6349133

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

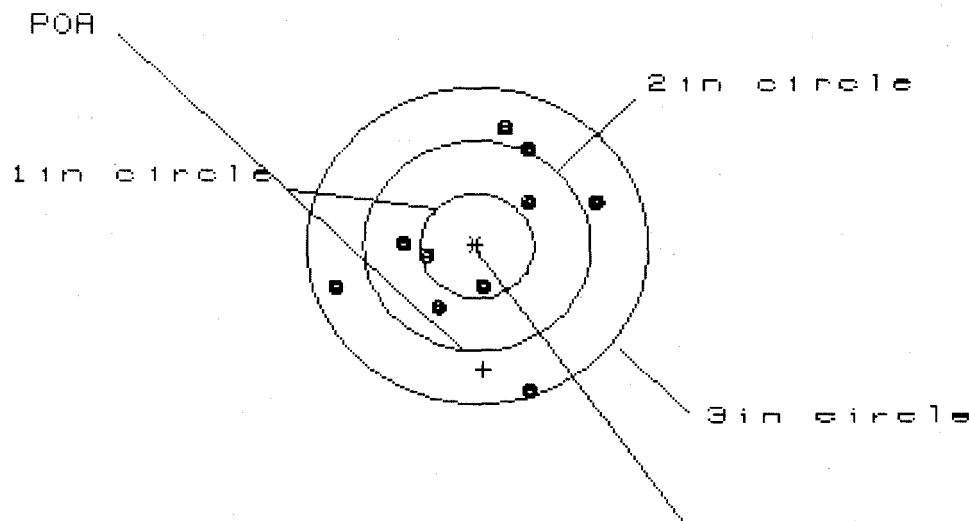
HS= 2.694

VS= 1.817

GS= 2.767

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.052	.869	.807
MINIMUM X	:	-1.642	-.693	-.584
MAXIMUM Y	:	.856	.885	.898
MINIMUM Y	:	-.961	-.932	-.821
CENTROID X	:	-.019	.164	.055
CENTROID Y	:	.967	.938	.827
POA TO CENTROID in.	:	.967	.952	.829
MIN RADIUS	:	.247	.095	.146
MEAN RADIUS	:	.922	.820	.754
MAX RADIUS	:	1.663	1.240	1.093
HORIZONTAL SPREAD	:	2.694	1.562	1.391
VERTICAL SPREAD	:	1.817	1.817	1.719
EXTREME SPREAD	:	2.767	2.339	2.027
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in - 2

2in - 6

3in = 10

HS- 2.329

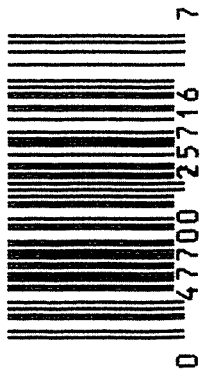
VS= 2.463

GS= 2.468

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.039	1.089	.934
MINIMUM X	:	-1.290	-1.240	-.774
MAXIMUM Y	:	1.076	.922	.861
MINIMUM Y	:	-1.387	-.740	-.801
CENTROID X	:	-.055	-.105	.050
CENTROID Y	:	1.181	1.335	1.396
POA TO CENTROID in.:	:	1.182	1.339	1.397
MIN RADIUS	:	.429	.444	.404
MEAN RADIUS	:	.883	.816	.744
MAX RADIUS	:	1.457	1.333	.964
HORIZONTAL SPREAD	:	2.329	2.329	1.708
VERTICAL SPREAD	:	2.463	1.662	1.662
EXTREME SPREAD	:	2.468	2.458	1.770
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			10	

UPC



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



Remington®

MODEL 700™ H24

Ø1

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



5716 06349133

SERIAL NO.

C6349133

ORDER NO.

5716

SWS TRIGGER PULL TEST

BARBER - M24 0136569

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6349133DATE 10 Jan 90TESTER 928

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	231	241	237	267	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	234	234	228	276	
PULL #3	238	236	234	274	
PULL #4	237	235	235	274	
PULL #5	237	231	223	280	
TOTAL	1171	1177	1157		
AVG.	2342	2354	2314		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.11	3.21		
PULL #2	3.11	3.08		
PULL #3	3.15	3.16		
PULL #4	3.00	3.14		
PULL #5	3.08	3.11		
TOTAL	1545	1570		
AVG.	3.09	3.14		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.18	4.13		3.90
PULL #2	4.15	4.04		4.00
PULL #3	4.21	4.16		4.03
PULL #4	4.22	4.17		3.98
PULL #5	4.18	4.06		4.07
TOTAL	2094	2056		1998
AVG.	4.188	4.112		3.996

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6349133

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10-9	89	RW
600	Proof	10-9	89	A.C.
607	Check Headspace	10-9	89	RW
610	Dis-assemble Gun	10-9	89	RW
612	New Barrel 10/30/89 Magnaflux Barrel Action	REJECT	10/13/89	KCR
	Magnaflux Bolt		10/13/89	KCR
615	Rollmark Caliber			
7	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head			
	C) Inspect Ejector Hole for Chamfer			
	D) Oil Firing Pin Ass'y			
	E) Adjust Trigger Pull to Min Setting and Stake			

BARBER - M24 0136571

op. #	OP. NAME	READINGS	DATE	INIT
625 cont.	F) Safety On Force			
	G) Safety Off Force			
	H) Trigger Pull Test & Retainability			
	I) Firing Pin Indent			
	J) Assemble Stock			
	K) Assemble Swivel Studs			
	L) Attach Front and Rear Sight Assemblies			
	M) Iron Sight Alignment			
	N) Detach Front & Rear Sights & place in numbered container			
	O) Attach Scope to Rifle			
	P) Detach & Attach Scope 20 Times			
640	Gallery Target & Test			
	A) Time			
	B) Malfunctions			
	C) Pierced Primers			
	D) Optical Clarity of Scope			
645	Inspect for Live Ammo			
655	Final Inspection			
	A) Headspace			
	B) Trigger Pull			
	C) Function			
660	Pack			

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349133

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	11-2	89	RW
600	Proof	11-2	89	K
607	Check Headspace	11-2	89	RW
610	Dis-assemble Gun	11-2	89	RW
612	Magnaflux Barrel Action	11-9-89		KAR
	Magnaflux Bolt	11-9-89		KAR
615	Rollmark Caliber		11/9/89	GS
617	Drill and Tap Sight Holes	11 9	89	YB
618	Polish Barrel RB	11 9	89	BT
620	Apply Coatings (Barrel Action)		11-17-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		1/8/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/8/90	RW
	C) Inspect Ejector Hole for Chamfer		1/8/90	RW
	D) Oil Firing Pin Ass'y		1/8/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/8/90	GS

BARBER - M24 0136573

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			1-10-90	94
	G) Safety Off Force	3	3	3			1-10-90	94
	H) Trigger Pull Test & Retainability						10/11/90	98
	I) Firing Pin Indent	.020	.021	.021			1-10-90	94
	J) Assemble Stock						1/11/90	Ru
	K) Assemble Swivel Studs						3/13/90	WB
	L) Attach Front and Rear Sight Assemblies						1-26-90	K
	M) Iron Sight Alignment						1-26-90	K
	N) Detach Front & Rear Sights & place in numbered container						1-26-90	K
	O) Attach Scope to Rifle						2/28/90	WB
	P) Detach & Attach Scope 20 Times						2/28/90	WB
640	Gallery Target & Test						2-28-90	A
	A) Time						11	A
	B) Malfunctions						11	A
	C) Pierced Primers						11	A
	D) Optical Clarity of Scope						11	A
645	Inspect for Live Ammo						2-28-90	A
655	Final Inspection						3/13/90	WB
	A) Headspace							
	B) Trigger Pull	2.67	2.76	2.74	2.74	2.80	3/13/90	WB
	C) Function						3/13/90	WB
660	Pack						20 MAR 90	98

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349133
28 Feb 1990

CENTROIDAL DISTANCES

0 TO	1	.481226
1 TO	2	.357761
1 TO	3	.497076
1 TO	4	.779603
1 TO	5	1.33921

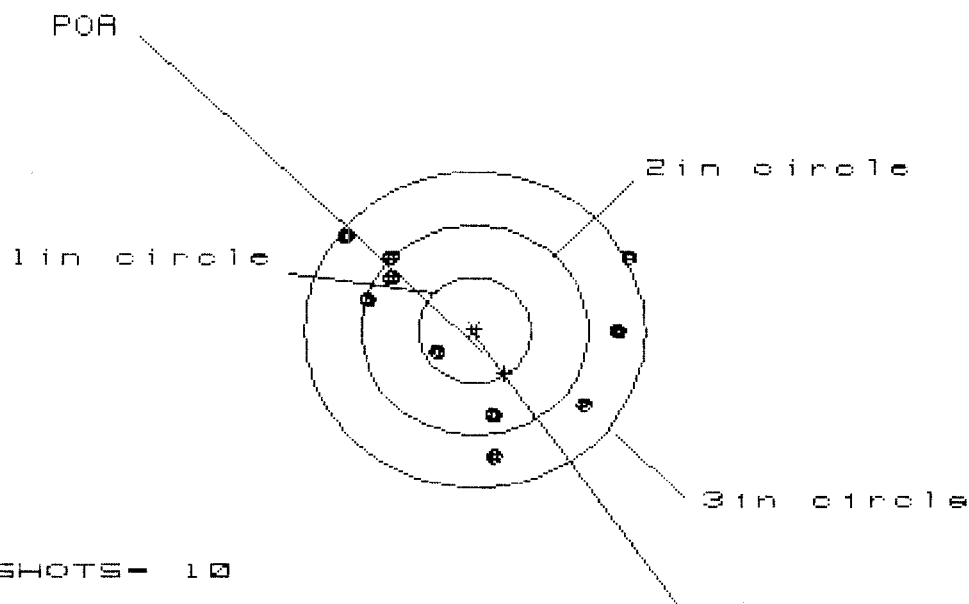
$\bar{x}_d$ <----POA
3

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0214
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.065
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0684322
THE AMR FOR THIS RIFLE IS: .9782

28 Feb 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6349133

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1 in - 1

2 in - 4

3 in = 9

HS= 2.525

VS= 2.119

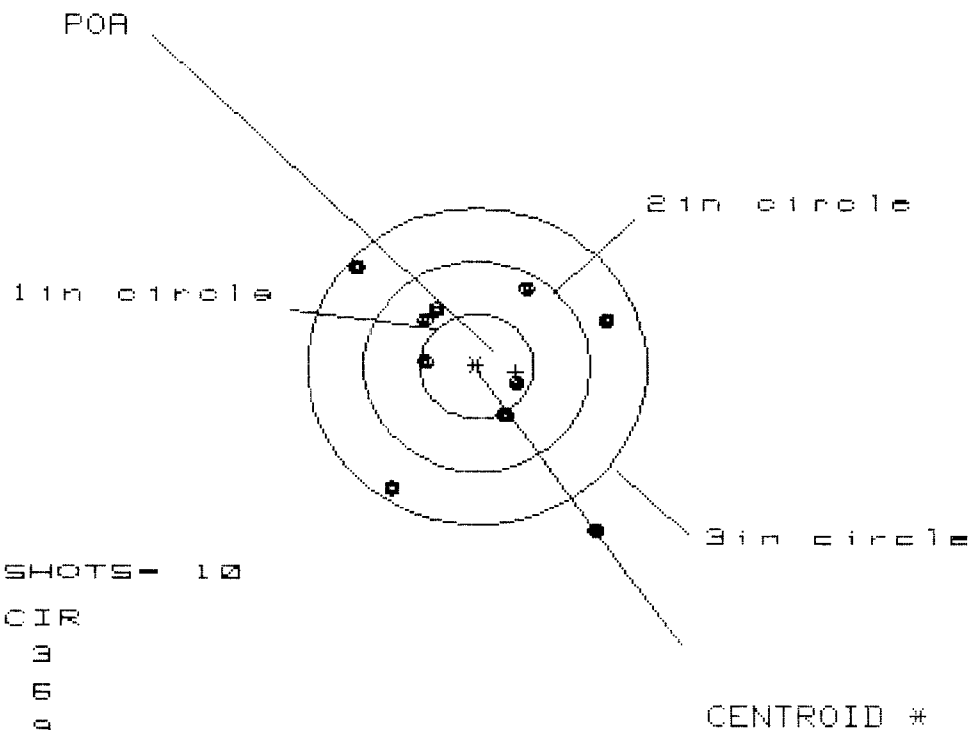
GS= 2.636

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.371	1.378	1.252
MINIMUM X	:	-1.154	-1.001	-.913
MAXIMUM Y	:	.903	.975	.914
MINIMUM Y	:	-1.216	-1.144	-1.022
CENTROID X	:	-.263	-.416	-.290
CENTROID Y	:	.403	.331	.209
POA TO CENTROID in.	:	.481	.531	.358
MIN RADIUS	:	.396	.228	.340
MEAN RADIUS	:	1.069	.985	.938
MAX RADIUS	:	1.519	1.398	1.261
HORIZONTAL SPREAD	:	2.525	2.379	2.166
VERTICAL SPREAD	:	2.119	2.119	1.936
EXTREME SPREAD	:	2.636	2.636	2.188
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	9		

28 Feb 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6349133

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 9

HS= 2.152

VS= 2.508

GS= 3.240

PATTERN #	:	2
SHOTS (BEST OF)	:	10
MAXIMUM X	:	1.104
MINIMUM X	:	-1.048
MAXIMUM Y	:	.972
MINIMUM Y	:	-1.536
CENTROID X	:	-.346
CENTROID Y	:	.055
POA TO CENTROID in.	:	.350
MIN RADIUS	:	.376
MEAN RADIUS	:	.932
MAX RADIUS	:	1.835
HORIZONTAL SPREAD	:	2.152
VERTICAL SPREAD	:	2.508
EXTREME SPREAD	:	3.240
NUMBER IN ONE INCH CIRCLE	=	3
NUMBER IN TWO INCH CIRCLE	=	6
NUMBER IN THREE INCH CIRCLE	=	9

28 Feb 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6349133

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 4

2 in = 6

3 in = 10

HS= 2.177

VS= 2.204

GS= 2.232

CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.172	1.152	.894
MINIMUM X	:	-1.005	-1.025	-.881
MAXIMUM Y	:	1.455	.912	.930
MINIMUM Y	:	-.749	-.587	-.569
CENTROID X	:	.155	.175	.031
CENTROID Y	:	.134	-.028	-.046
POA TO CENTROID in.	:	.205	.177	.055
MIN RADIUS	:	.225	.097	.230
MEAN RADIUS	:	.772	.660	.595
MAX RADIUS	:	1.466	1.180	1.289
HORIZONTAL SPREAD	:	2.177	2.177	1.775
VERTICAL SPREAD	:	2.204	1.499	1.499
EXTREME SPREAD	:	2.232	2.232	2.177
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

26 Feb 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6349133

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 7

HS= 2.316

VS= 2.931

GS= 3.399

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.262	1.354	1.237
MINIMUM X	:	-1.054	-.962	-1.079
MAXIMUM Y	:	1.353	1.178	1.314
MINIMUM Y	:	-1.578	-1.287	-1.151
CENTROID X	:	.362	.270	.387
CENTROID Y	:	-.063	.112	-.024
POA TO CENTROID in.	:	.368	.292	.388
MIN RADIUS	:	.104	.165	.058
MEAN RADIUS	:	1.098	1.032	.944
MAX RADIUS	:	1.783	1.607	1.578
HORIZONTAL SPREAD	:	2.316	2.316	2.316
VERTICAL SPREAD	:	2.931	2.465	2.465
EXTREME SPREAD	:	3.399	2.981	2.981
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

28 Feb 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6349133

CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 8

HS= 2.282

VS= 2.566

GS= 3.038

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.285	1.174	1.038
MINIMUM X	:	-.997	-1.091	-.918
MAXIMUM Y	:	1.430	1.258	1.135
MINIMUM Y	:	-1.136	-.977	-1.083
CENTROID X	:	.199	.310	.446
CENTROID Y	:	-.854	-1.013	-.890
POA TO CENTROID in.	:	.877	1.059	.996
MIN RADIUS	:	.081	.274	.304
MEAN RADIUS	:	1.020	.941	.864
MAX RADIUS	:	1.743	1.481	1.460
HORIZONTAL SPREAD	:	2.282	2.265	1.956
VERTICAL SPREAD	:	2.566	2.235	2.218
EXTREME SPREAD	:	3.038	2.576	2.576
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	