

GCS35214
Rytkew
E6374631

BARBER - M24-0089675 REPORT

COMMENTS

ORDER

R 98-05066

INITIAL CUSTOMER ORDER NO

WOG 10 OF 23

JJM

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

02/24/98

02/24/98

~~66235220~~

E6374631

700 7.62

NATO

ACCESSORIES

SCOPE BASE

W/STUDS

FROM:

SHIP TO:

SUPPLY & SERVICES DIV
D O L WAREHOUSE J 2535 A1
KNOX ST
FT BRAGG NC 28307

SUPPLY & SERVICES DIV
D O L WAREHOUSE J 2535 A1
KNOX ST
FT BRAGG NC 28307

CUST NO: 113830 C.O.D.

ACCOUNT NUMBER

ACCOUNT NUMBER NO

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

TRIGGER GROUP

BOLT ASSY.

BARREL ASSY.

REC. ASSY.

WOOD

METAL

MAIN FAULT

PARTS

COMMENTS

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6826 REV. 7/97

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0089675 89714

BARBER - M24 0089676

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # E6374631
19 May 1998

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1036
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .4048
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .417847

THE AMR FOR THIS RIFLE IS: .959

CENTROIDAL DISTANCES

0 TO	1	.551072
1 TO	2	.205529
1 TO	3	.146086
1 TO	4	.314312
1 TO	5	.106438

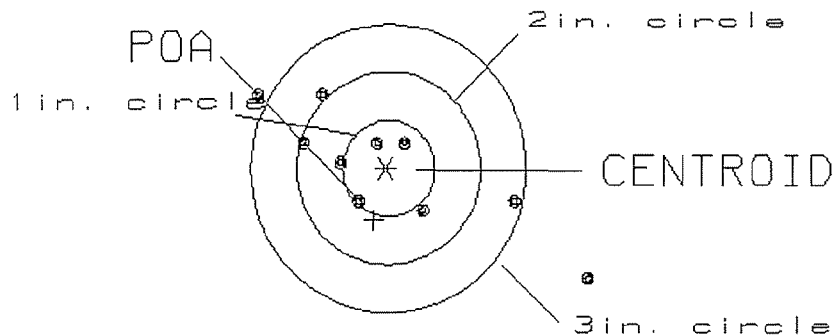
2 1
3
4
+ <----POA

PATTERN #: 1
POA TO CENTROID: .551
MIN RADIUS : .285
MEAN RADIUS : .970
MAX RADIUS : 2.473
CENTROID X : .128
CENTROID Y : .536

19 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/EDIT E6374631

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.65

3

VS= 1.93

6

GS= 4.13

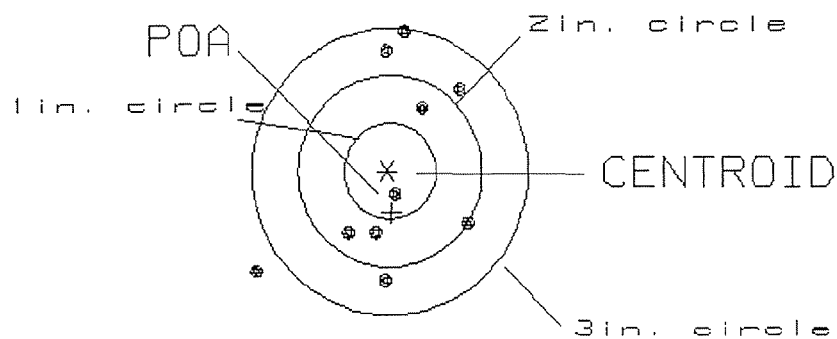
8

PATTERN #: ☐ 2 ☐
 POA TO CENTROID: .438
 MIN RADIUS : .261
 MEAN RADIUS : 1.028
 MAX RADIUS : 1.766
 CENTROID X : -.051
 CENTROID Y : .435

19 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/EDIT E6374631

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.27

1

VS= 2.66

5

GS= 3.00

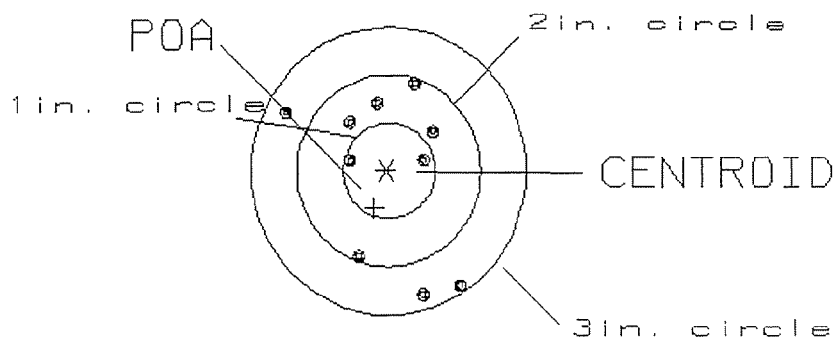
9

PATTERN #: ☐ 3 ☐
 POA TO CENTROID: .408
 MIN RADIUS : .415
 MEAN RADIUS : .877
 MAX RADIUS : 1.408
 CENTROID X : .123
 CENTROID Y : .390

19 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/EDIT E6374631

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 1.92

2

US= 2.24

7

GS= 2.60

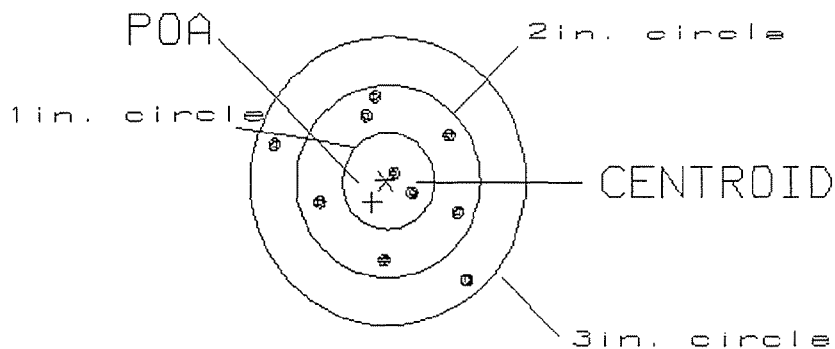
10

PATTERN #: ☐ 4 ☐
 POA TO CENTROID: .263
 MIN RADIUS : .083
 MEAN RADIUS : .789
 MAX RADIUS : 1.337
 CENTROID X : .142
 CENTROID Y : .222

19 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/EDIT E6374631

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.19

2

VS= 1.87

6

GS= 2.56

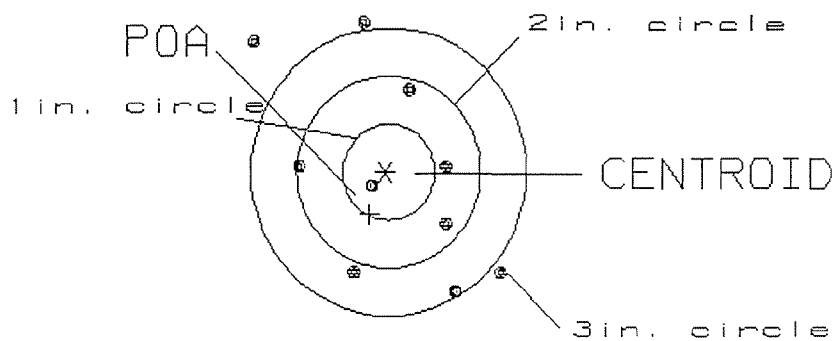
10

PATTERN #: ☐ 5 ☐
 POA TO CENTROID: .475
 MIN RADIUS : .262
 MEAN RADIUS : 1.131
 MAX RADIUS : 2.009
 CENTROID X : .176
 CENTROID Y : .441

19 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/EDIT E6374631

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.72

1

VS= 2.81

4

GS= 3.60

7

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: **RE00113021** Serial: E6374631 Model M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 5/31/2006 10:20:59 AM

Verify Repair

Address Information

Customer: Received From Return To: Received From

Name: **C CO SPT BN SWTG (A) POC JERRY SCREEN** **C CO SPT BN SWTG (A) POC JERRY SCREEN**

Address 1: **ARMAMENT FACILITY BLDG D-1307** **ARMAMENT FACILITY BLDG D-1307**

Address 2: **GRUBER ROAD** PO Box: **GRUBER ROAD** 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

Condition: **Fair**

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A057	Frt and Rear Sgt Base	1

Repair Search Refresh Close

inaglej 5/31/2006 10:45 AM C&PS NUM INS SCRL

start 2 Microso... 2 Microso... 3 Interne... Arms Servic... Part Search... 10:45 AM

G6535214

Serial Number: **E6374631**

Model: **M24 SWS**



RE00113021

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

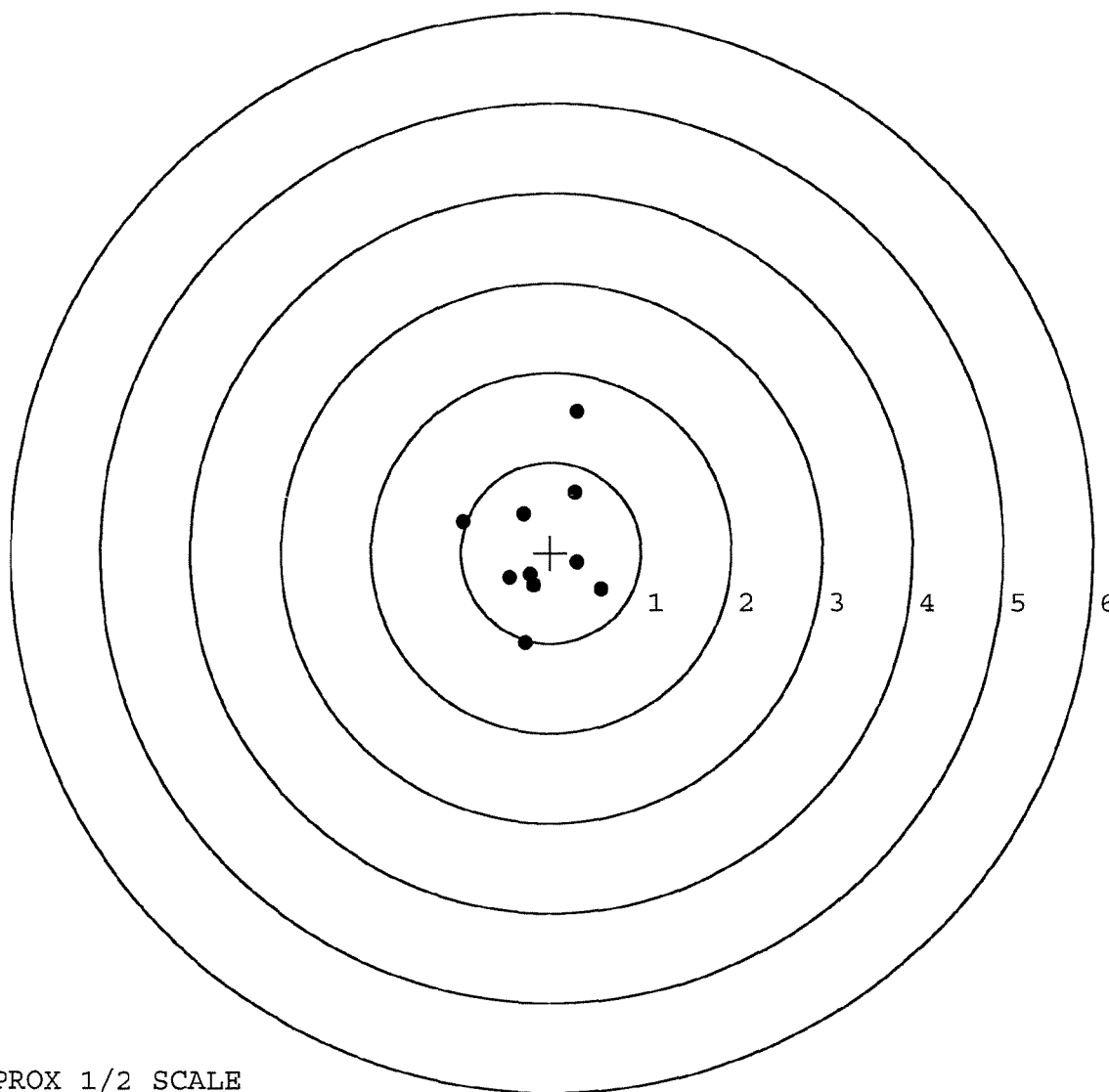
FIREARM SERIAL NUMBER / DATASET NAME: G6535214.___0

FILE DATE AND TIME: 07/11/2006 17:38

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.022
The Average Y Centroid of the Five Target Set:	-0.040
The Average Point of Impact of the Five Target Set:	0.046
The Average Mean Radius of the Five Target Set:	0.645
The Distance from POA to Centroid Target #1:	0.117
The Distance from Centroid Target #2 to Centroid Target #1:	0.055
The Distance from Centroid Target #3 to Centroid Target #1:	0.138
The Distance from Centroid Target #4 to Centroid Target #1:	0.318
The Distance from Centroid Target #5 to Centroid Target #1:	0.201

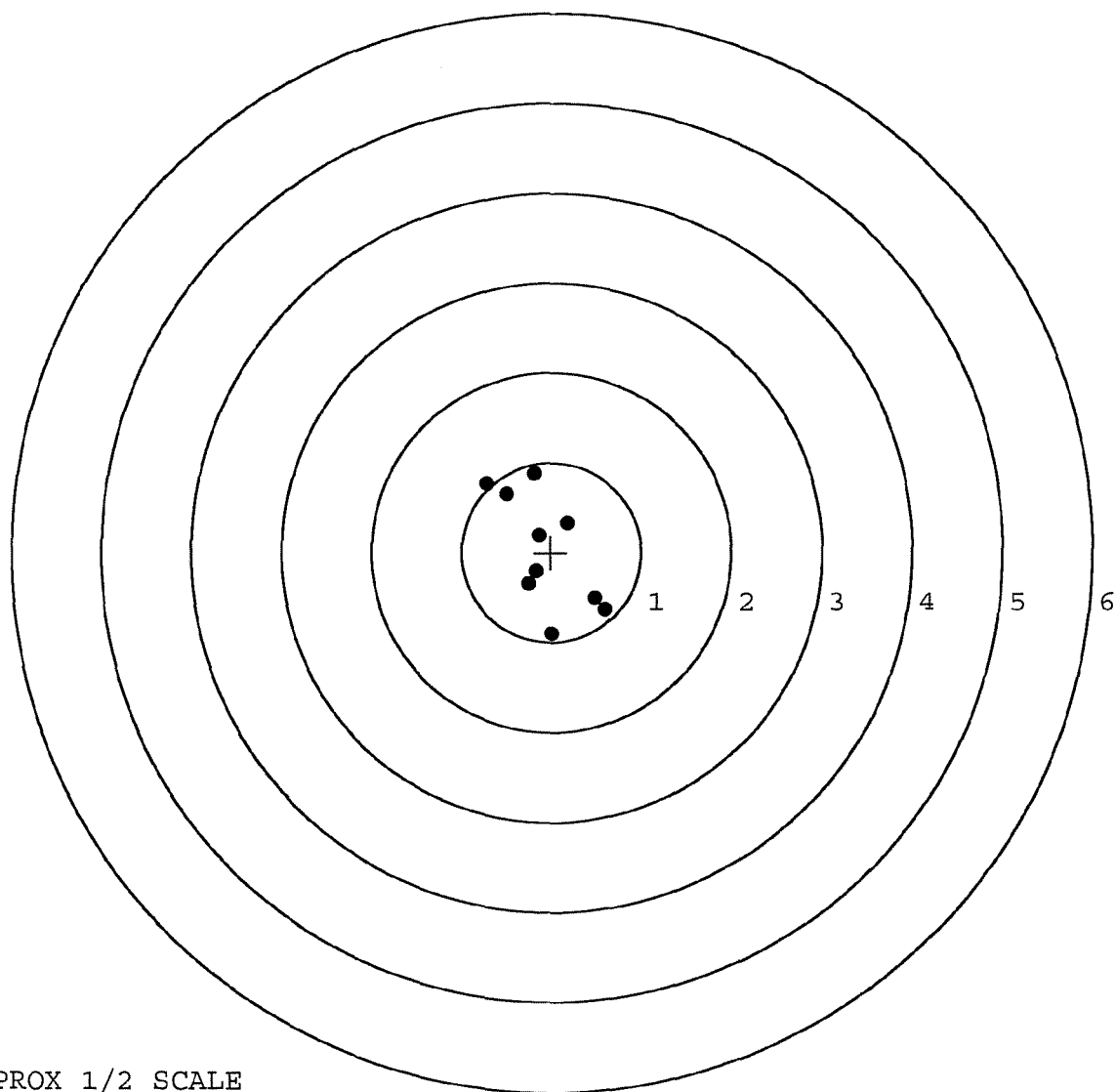
SERIAL NUMBER: G6535214. 0	POINT#	X	Y
TARGET NUMBER: 1	1:	-0.275	-1.005
FILE DATE: 07/11/2006	2:	-0.193	-0.365
FILE TIME: 17:38	3:	-0.456	-0.286
	4:	0.566	-0.404
X CENTROID: -0.102	5:	0.299	-0.112
Y CENTROID: 0.058	6:	-0.985	0.337
POA TO CENTROID: 0.117	7:	-0.305	0.432
HORZ SPREAD: 1.551	8:	0.271	0.666
VERT SPREAD: 2.567	9:	0.288	1.562
GROUP SPREAD: 2.628	10:	-0.228	-0.242
MIN RADIUS: 0.326			
MAX RADIUS: 1.553			
MEAN RADIUS: 0.720			
# IN 1 IN DIAMETER: 5			
# IN 2 IN DIAMETER: 8			
# IN 3 IN DIAMETER: 9			



TARGET APPROX 1/2 SCALE

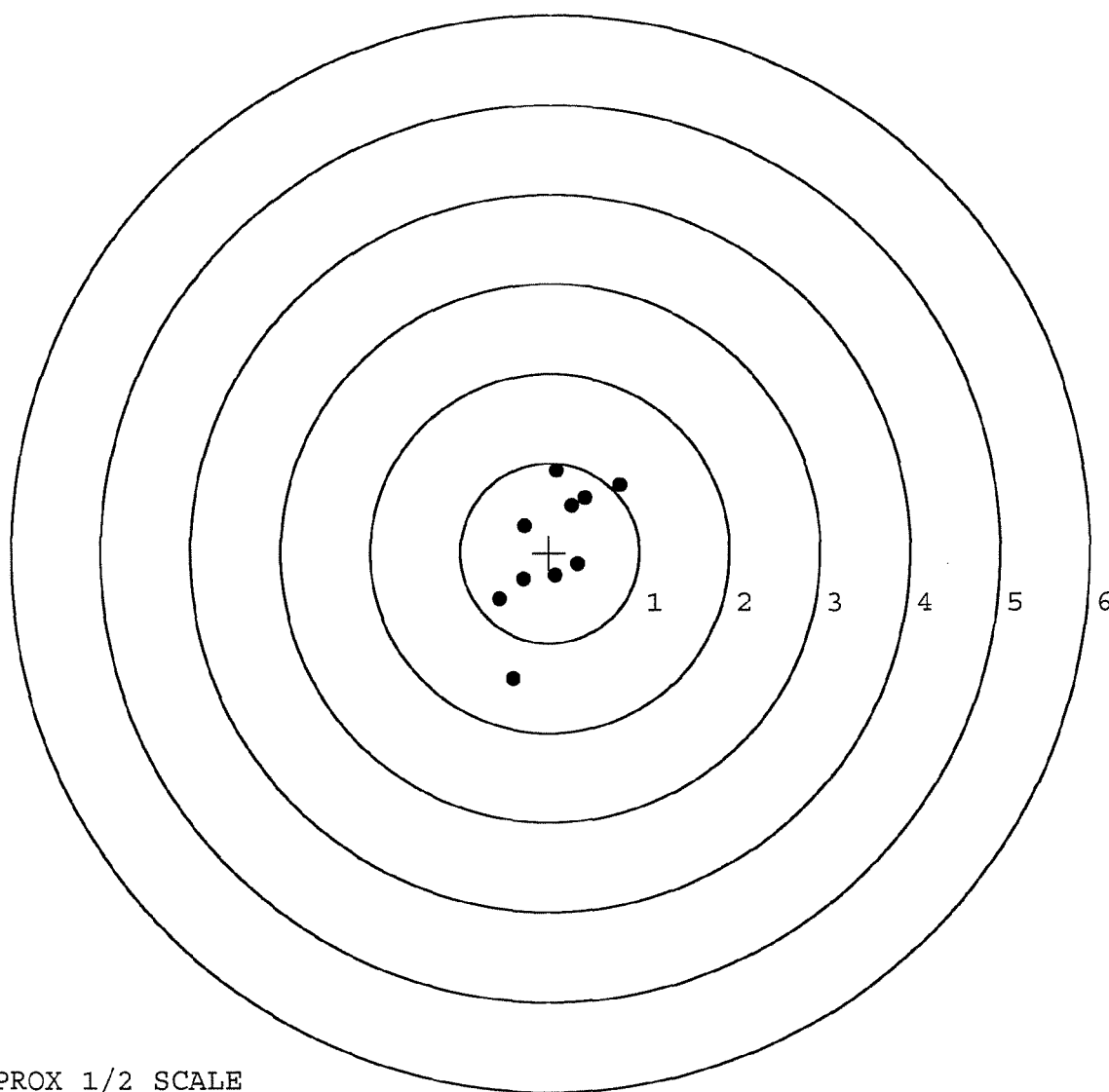
BARBER - M24 0089685

SERIAL NUMBER: G6535214. 0	POINT#	X	Y
TARGET NUMBER: 2	1:	0.605	-0.644
FILE DATE: 07/11/2006	2:	0.017	-0.915
FILE TIME: 17:38	3:	-0.251	-0.356
	4:	0.490	-0.520
X CENTROID: -0.066	5:	-0.137	0.192
Y CENTROID: 0.016	6:	0.185	0.328
POA TO CENTROID: 0.068	7:	-0.192	0.875
HORZ SPREAD: 1.329	8:	-0.495	0.650
VERT SPREAD: 1.790	9:	-0.724	0.763
GROUP SPREAD: 1.935	10:	-0.162	-0.216
MIN RADIUS: 0.190			
MAX RADIUS: 0.995			
MEAN RADIUS: 0.653			
# IN 1 IN DIAMETER: 4			
# IN 2 IN DIAMETER: 10			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535214. __0	POINT#	X	Y
TARGET NUMBER: 3	1:	-0.400	-1.402
FILE DATE: 07/11/2006	2:	-0.563	-0.522
FILE TIME: 17:38	3:	-0.293	-0.297
	4:	0.068	-0.256
X CENTROID: 0.035	5:	0.319	-0.127
Y CENTROID: 0.049	6:	-0.286	0.295
POA TO CENTROID: 0.061	7:	0.247	0.523
HORZ SPREAD: 1.345	8:	0.782	0.756
VERT SPREAD: 2.316	9:	0.083	0.914
GROUP SPREAD: 2.461	10:	0.397	0.608
MIN RADIUS: 0.307			
MAX RADIUS: 1.515			
MEAN RADIUS: 0.694			
# IN 1 IN DIAMETER: 4			
# IN 2 IN DIAMETER: 8			
# in 3 IN DIAMETER: 9			

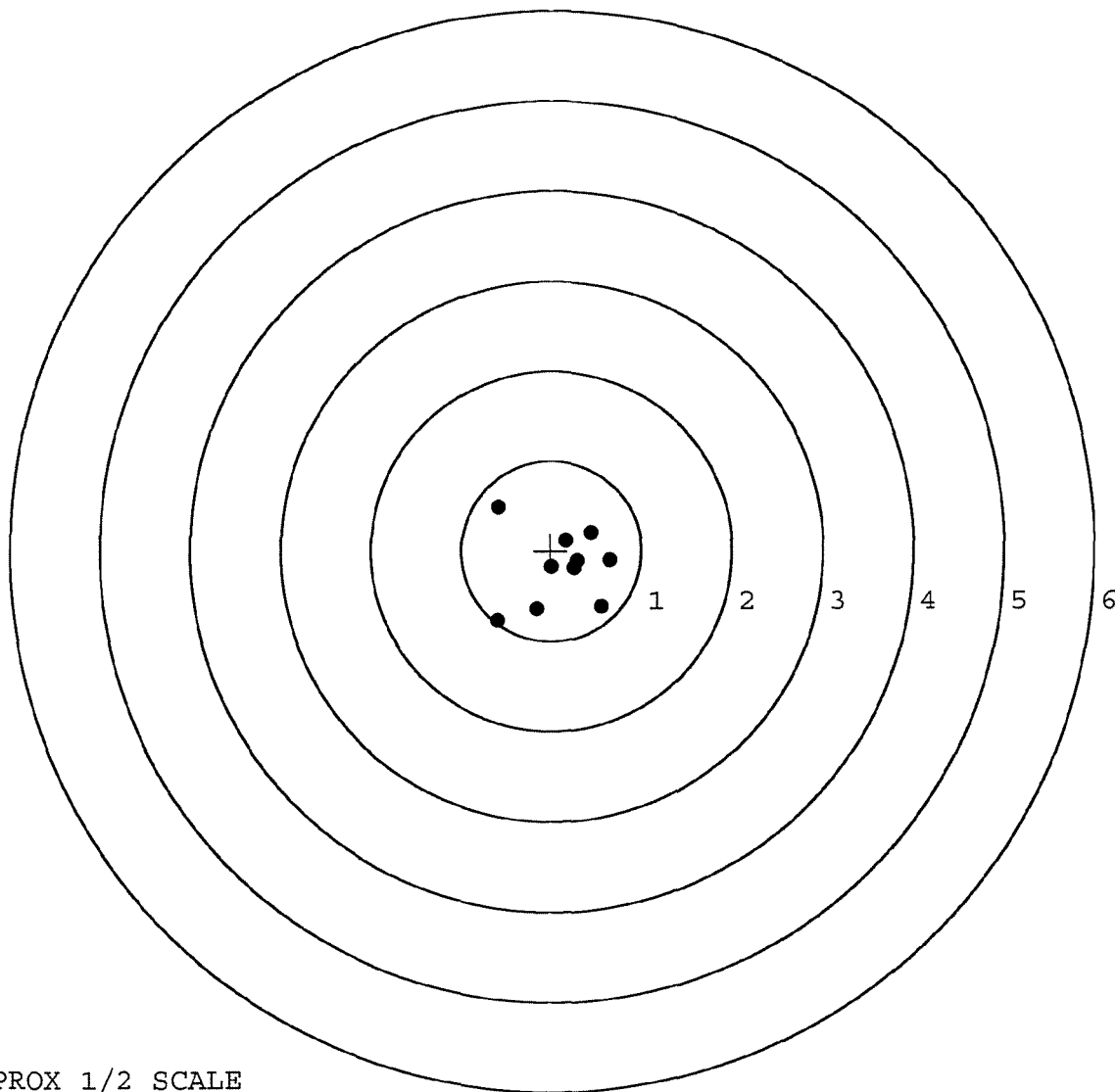


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535214. __0
 TARGET NUMBER: 4
 FILE DATE: 07/11/2006
 FILE TIME: 17:38

POINT#	X	Y
1:	-0.598	-0.776
2:	-0.156	-0.647
3:	0.561	-0.618
4:	-0.591	0.485
5:	0.008	-0.182
6:	0.264	-0.188
7:	0.658	-0.105
8:	0.446	0.206
9:	0.169	0.113
10:	0.296	-0.113

X CENTROID: 0.106
 Y CENTROID: -0.182
 POA TO CENTROID: 0.211
 HORZ SPREAD: 1.256
 VERT SPREAD: 1.261
 GROUP SPREAD: 1.595
 MIN RADIUS: 0.098
 MAX RADIUS: 0.965
 MEAN RADIUS: 0.488
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

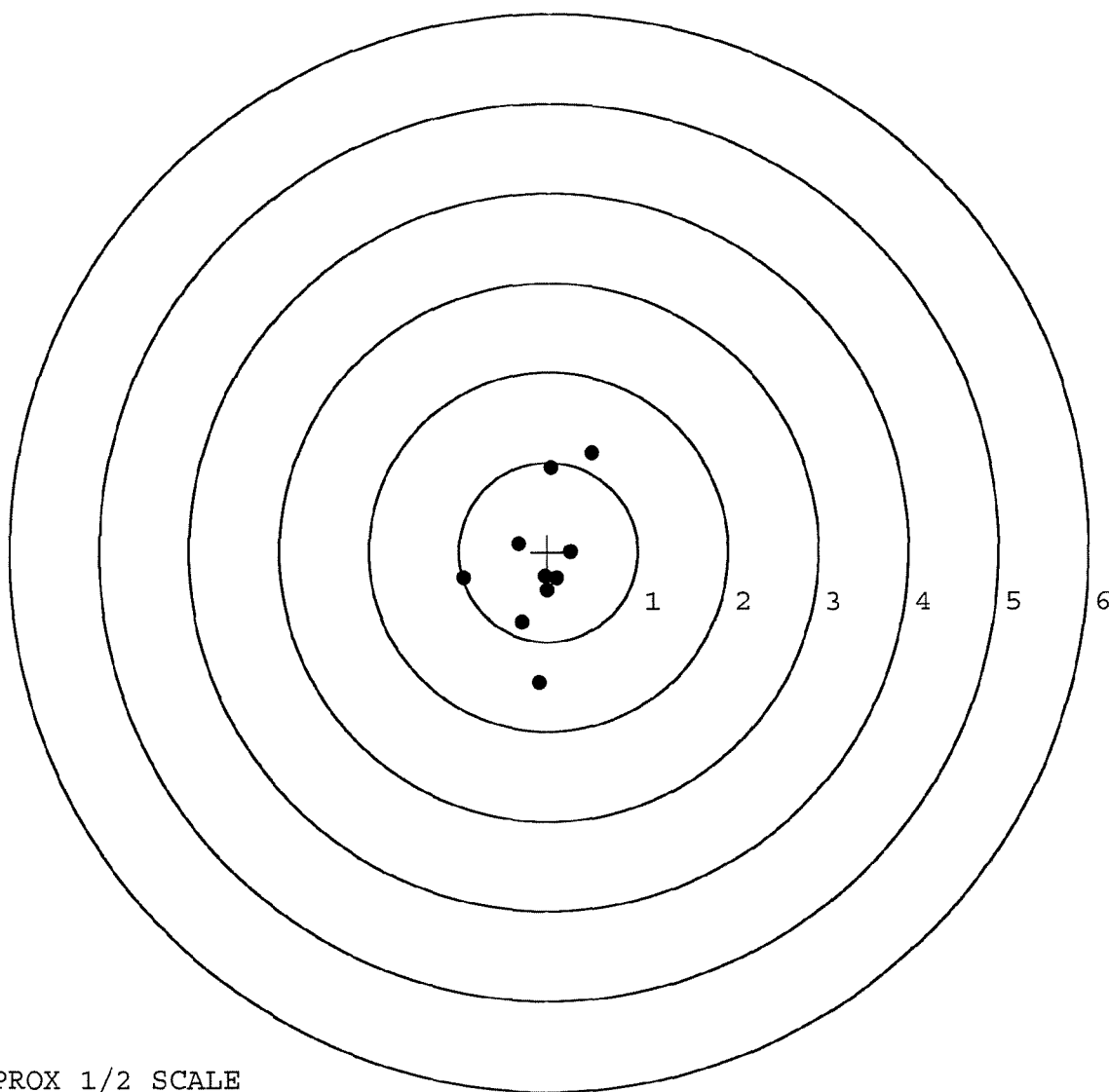


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535214. __0
 TARGET NUMBER: 5
 FILE DATE: 07/11/2006
 FILE TIME: 17:38

POINT#	X	Y
1:	0.486	1.105
2:	0.035	0.944
3:	-0.944	-0.296
4:	-0.324	0.089
5:	0.257	-0.005
6:	0.104	-0.295
7:	-0.010	-0.427
8:	-0.284	-0.787
9:	-0.097	-1.462
10:	-0.032	-0.279

X CENTROID: -0.081
 Y CENTROID: -0.141
 POA TO CENTROID: 0.163
 HORZ SPREAD: 1.430
 VERT SPREAD: 2.567
 GROUP SPREAD: 2.632
 MIN RADIUS: 0.146
 MAX RADIUS: 1.369
 MEAN RADIUS: 0.672
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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)

DATE

6-19-06

TESTER

R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.55	2.31		2.53	
PULL #2	2.44	2.41		2.39	
PULL #3	2.62	2.35		2.61	
PULL #4	2.48	2.32		2.63	
PULL #5	2.44	2.33		2.61	
TOTAL	12.53	11.72		12.77	
AVERAGE	2.50	2.34		2.55	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.20	3.06		
PULL #2	3.08	3.12		
PULL #3	3.10	3.11		
PULL #4	3.17	3.08		
PULL #5	3.20	3.11		
TOTAL	15.75	15.48		
AVERAGE	3.15	3.09		

	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	4.15	4.06		3.93
PULL #2	4.15	4.09		4.00
PULL #3	4.15	4.11		4.00
PULL #4	4.17	4.21		4.04
PULL #5	4.21	4.19		3.96
TOTAL	20.83	20.66		19.93
AVERAGE	4.16	4.13		3.98

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

R & E NUMBER	113021		Fort Bragg	
SERIAL NUMBER	E6374631		G6535214	
LOG-IN DATE	5-31-06			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		6-19-06	AC
505	RE-BARREL		6-19-06	AC
560	ASSEMBLE		6-22-06	A
600	PROOF	MAGNA-FLUX	6-22-06	A
605	CHECK HEADSPACE	INSPECTED	6-22-06	A
610	DIS-ASSEMBLE GUN	JUN 27 2006	6-22-06	A
612	MAGNAFLUX	OPERATOR <u>APP</u>	6-27-06	APP
510	DRILL AND TAP		6-26-06	TRC
615	ROLLMARK CALIBER		6-27-06	CW
618	ROTO-BLAST		6-29-06	LB
620	APPLY COATINGS		7/6	HP
625	FINAL ASSEMBLY		7-10-06	AC
640	FUNCTION TEST AND	PASS FAIL	7-11-06	P.P.D.
650	TARGET	PASS FAIL	7-11-06	P.P.D.
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION			
	A) HEADSPACE	PASS FAIL		
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	9.85 2.79 2.52 2.83 2.88 7-12-06	RA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	7.5 7.5 7.5 7-12-06	RA
	G) SAFETY OFF FORCE	2 LBS MIN	5.5 6.0 5.5 7-12-06	RA
	I) FIRING PIN INDENT	.020	.024 .024 .024 7-12-06	RA
690	PACK		8-3-06	RA