

C6225494

MODEL 700™ M24

Model **700 M24™**

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



12/08/08 12:28:00

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: RE00156488

Serial: C6225494 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 12/20/1988

Repairman:

Verify Repair

Status:

Closed 12/6/2008 7:41:52 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: DEPARTMENT OF THE ARMY SUPPLY OFFICER

DEPARTMENT OF THE ARMY SUPPLY OFFICER

Address 1: DOL SISA BLDG 9660 BAY A

DOL SISA BLDG 9660 BAY A

Address 2: BOX 339500 MAIL STOP 181

PO Box:

BOX 339500 MAIL STOP 181

PO Box:

City: FORT LEWIS

FORT LEWIS

State: WA

Zip Code: 98433

Country: US

State: WA

Zip Code: 98433

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
A008	With Swivel	2
A010	Hard Case SYS	1
A017	Scope Base	1
D000	THRED PROTECTOF	1

Repair Search

Refresh

Close

nagletj

12/8/2008

12:28 PM

CAPS

NUM

INS

SCRL



Serial Number: **C6225494**
 Model: **M24 SWS**

RE00156488

Slugs
 Bi-Pod
 Thred Protect

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

R & E NUMBER 156488
SERIAL NUMBER 06223494
LOG-IN DATE 12-6-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	12-10-08	RTZ
505	RE-BARREL	12-10-08	RTZ
560	ASSEMBLE	12-10-08	RTZ
600	PROOF	12-15-08	RPD
605	CHECK HEADSPACE	12-15-08	RPD
610	DIS-ASSEMBLE GUN	12-15-08	RPD
612	MAGNAFLUX	12-10-08	RTZ
510	DRILL AND TAP	12-16-08	RP
615	ROLLMARK CALIBER	1/5	TL
618	ROTO-BLAST	1/7	TL
620	APPLY COATINGS	1-9-09	RTZ
625	FINAL ASSEMBLY		
640	FUNCTION TEST AND	PASS	FAIL
650	TARGET	PASS	FAIL
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		
	A) HEADSPACE	PASS	FAIL
	BI TRIGGER PULL	2.22 2.20 2.20 2.19 2.24	1-12-09 TL
680	FI SAFETY ON FORCE	49 40 40	1-12-09 L.N.
	G) SAFETY OFF FORCE	50 50 50	1-12-09 L.N.
	I) FIRING PIN INDENT	.023 .023 .023	1-12-09 L.N.
690	PACK		1/12/09 Fm

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225494.___1
FILE DATE AND TIME: 01/12/2009 08:08

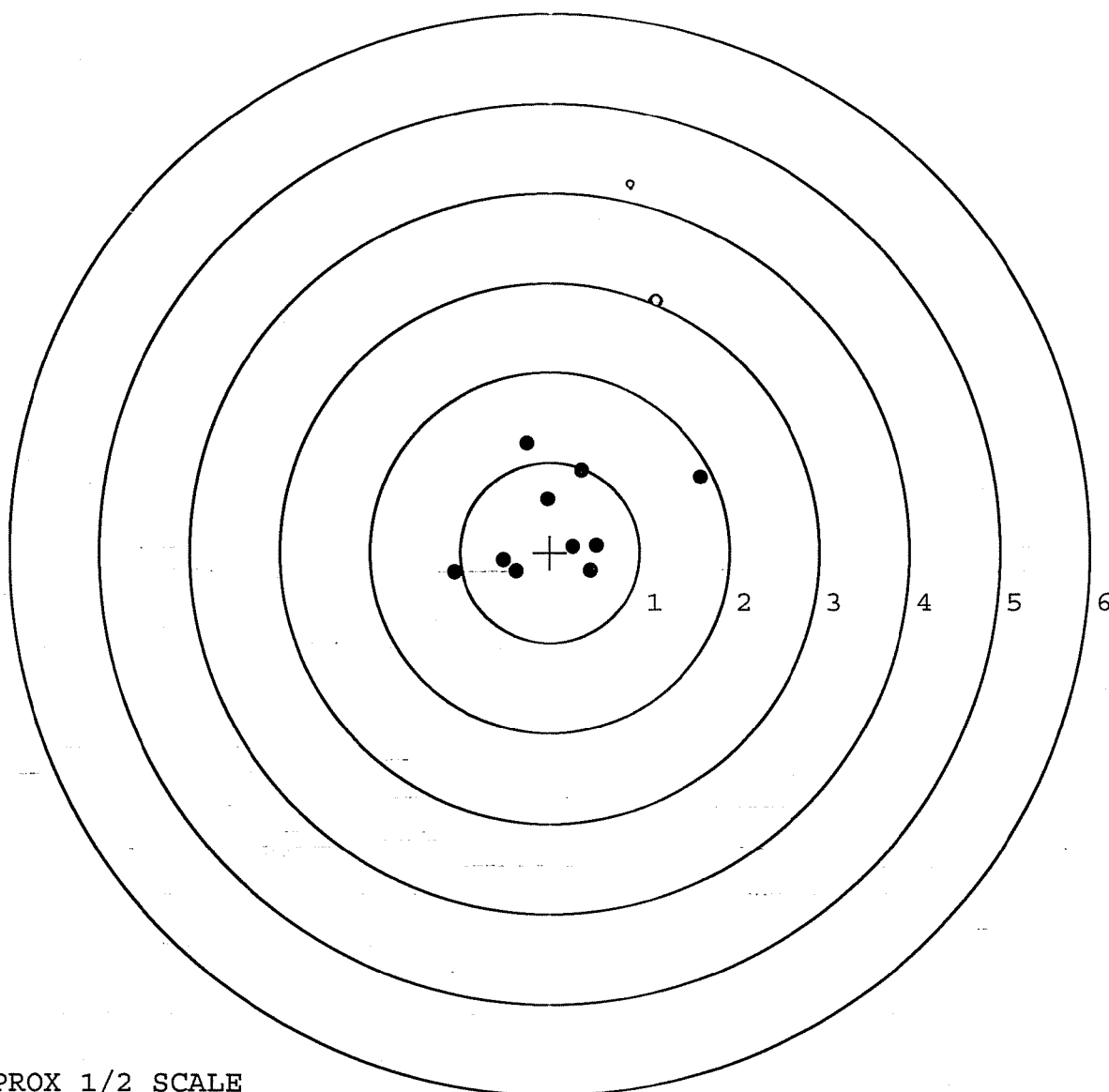
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.008
The Average Y Centroid of the Five Target Set:	0.022
The Average Point of Impact of the Five Target Set:	0.024
The Average Mean Radius of the Five Target Set:	0.818
The Distance from POA to Centroid Target #1:	0.314
The Distance from Centroid Target #2 to Centroid Target #1:	0.186
The Distance from Centroid Target #3 to Centroid Target #1:	0.383
The Distance from Centroid Target #4 to Centroid Target #1:	0.378
The Distance from Centroid Target #5 to Centroid Target #1:	0.580

SERIAL NUMBER: C6225494. _1
TARGET NUMBER: 1
FILE DATE: 01/12/2009
FILE TIME: 08:08

X CENTROID: 0.103
Y CENTROID: 0.297
POA TO CENTROID: 0.314
HORZ SPREAD: 2.745
VERT SPREAD: 1.431
GROUP SPREAD: 2.943
MIN RADIUS: 0.278
MAX RADIUS: 1.666
MEAN RADIUS: 0.770
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-1.066	-0.223
2:	-0.514	-0.092
3:	-0.374	-0.207
4:	0.459	-0.204
5:	0.255	0.064
6:	0.525	0.080
7:	0.355	0.910
8:	1.679	0.838
9:	-0.258	1.208
10:	-0.028	0.593

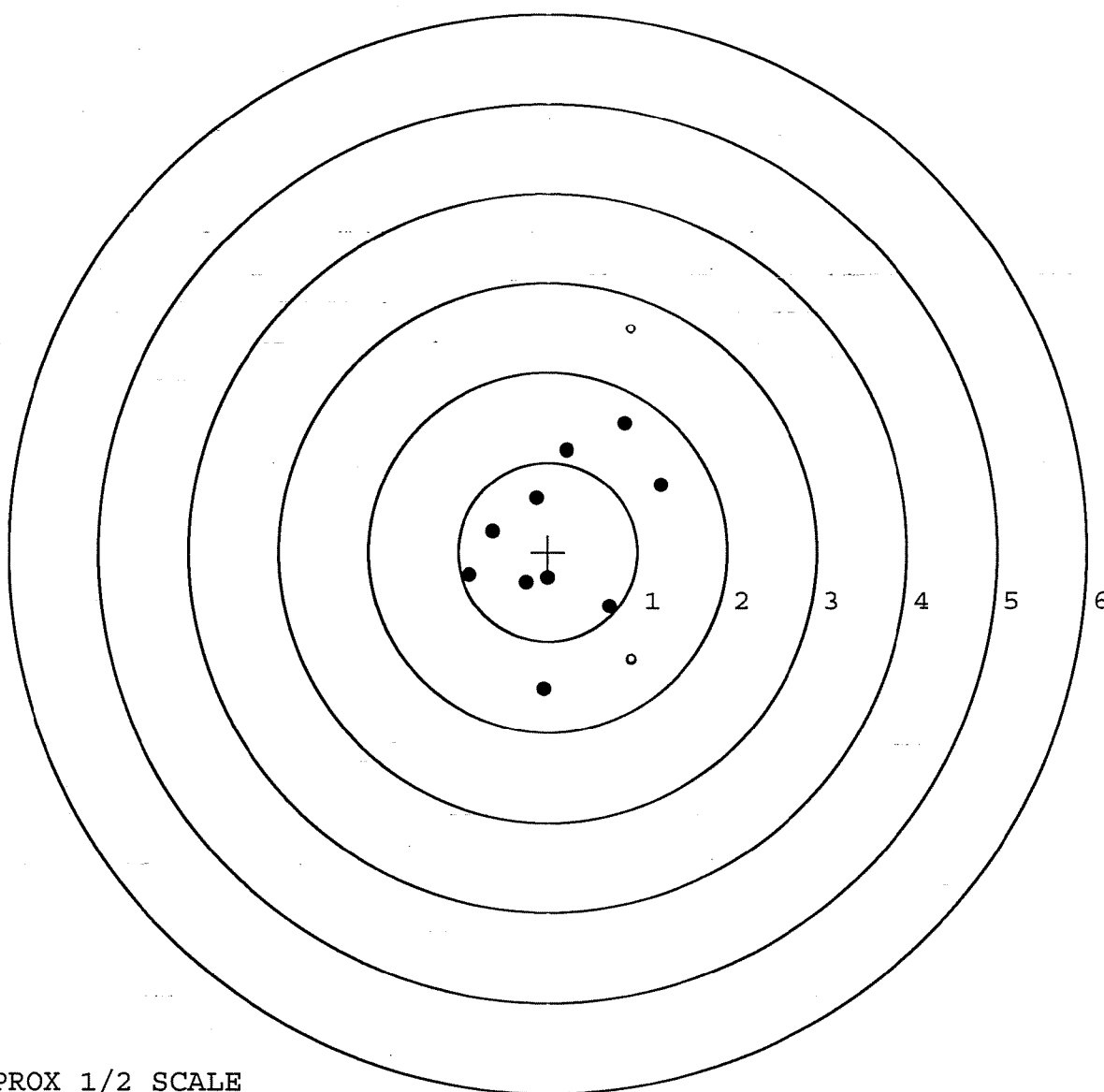


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225494. 1
TARGET NUMBER: 2
FILE DATE: 01/12/2009
FILE TIME: 08:08

POINT#	X	Y
1:	0.209	1.135
2:	0.855	1.433
3:	1.257	0.747
4:	-0.129	0.604
5:	-0.615	0.227
6:	-0.875	-0.257
7:	-0.244	-0.341
8:	-0.013	-0.288
9:	0.688	-0.617
10:	-0.049	-1.531

X CENTROID: 0.108
Y CENTROID: 0.111
POA TO CENTROID: 0.155
HORZ SPREAD: 2.132
VERT SPREAD: 2.964
GROUP SPREAD: 3.099
MIN RADIUS: 0.417
MAX RADIUS: 1.650
MEAN RADIUS: 0.976
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 8

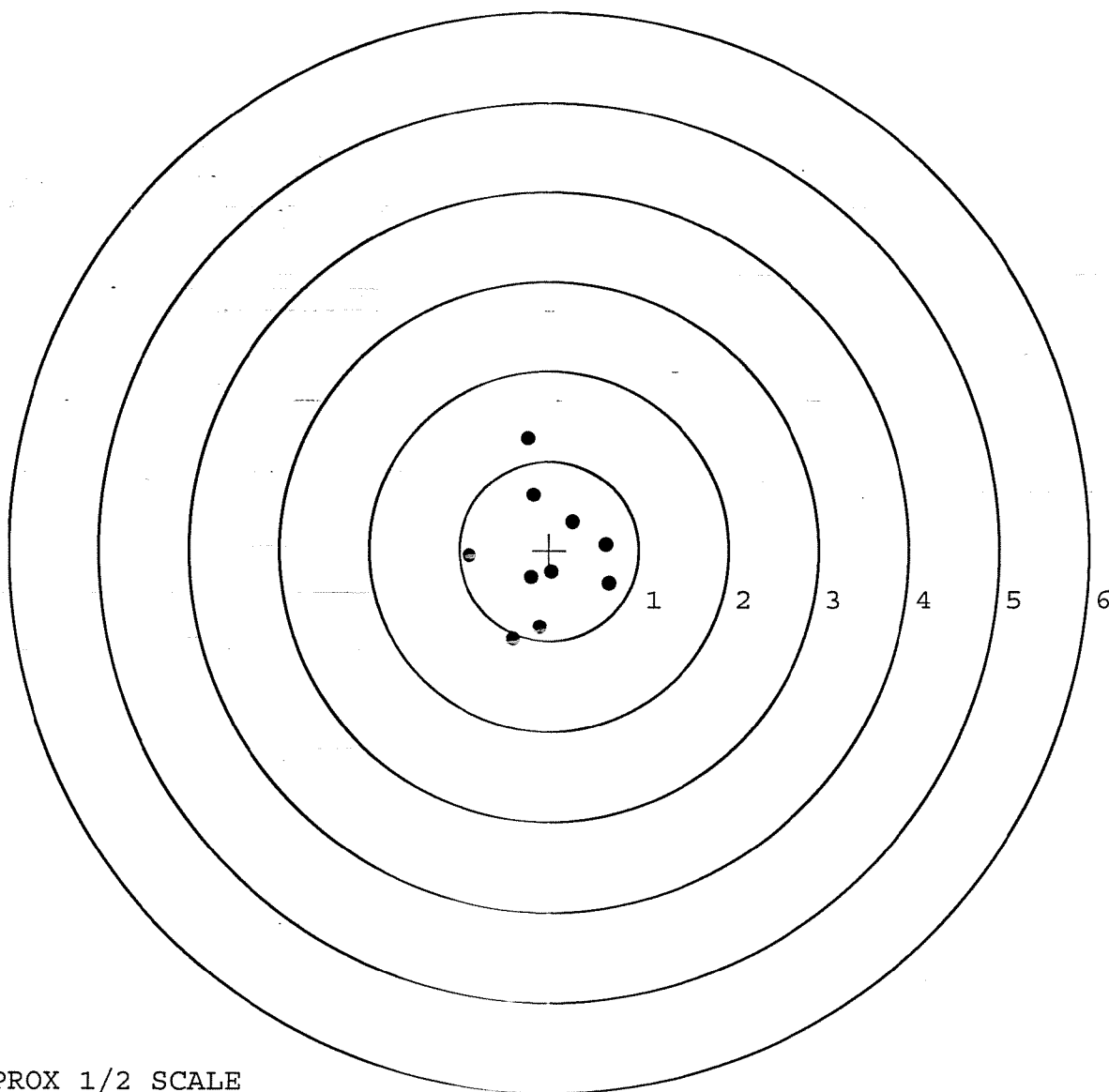


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225494. __1
TARGET NUMBER: 3
FILE DATE: 01/12/2009
FILE TIME: 08:08

POINT#	X	Y
1:	-0.238	1.249
2:	-0.180	0.619
3:	0.265	0.319
4:	0.634	0.063
5:	0.668	-0.367
6:	0.025	-0.244
7:	-0.202	-0.305
8:	-0.888	-0.064
9:	-0.111	-0.854
10:	-0.406	-0.986

X CENTROID: -0.043
Y CENTROID: -0.057
POA TO CENTROID: 0.072
HORZ SPREAD: 1.556
VERT SPREAD: 2.235
GROUP SPREAD: 2.241
MIN RADIUS: 0.199
MAX RADIUS: 1.320
MEAN RADIUS: 0.710
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

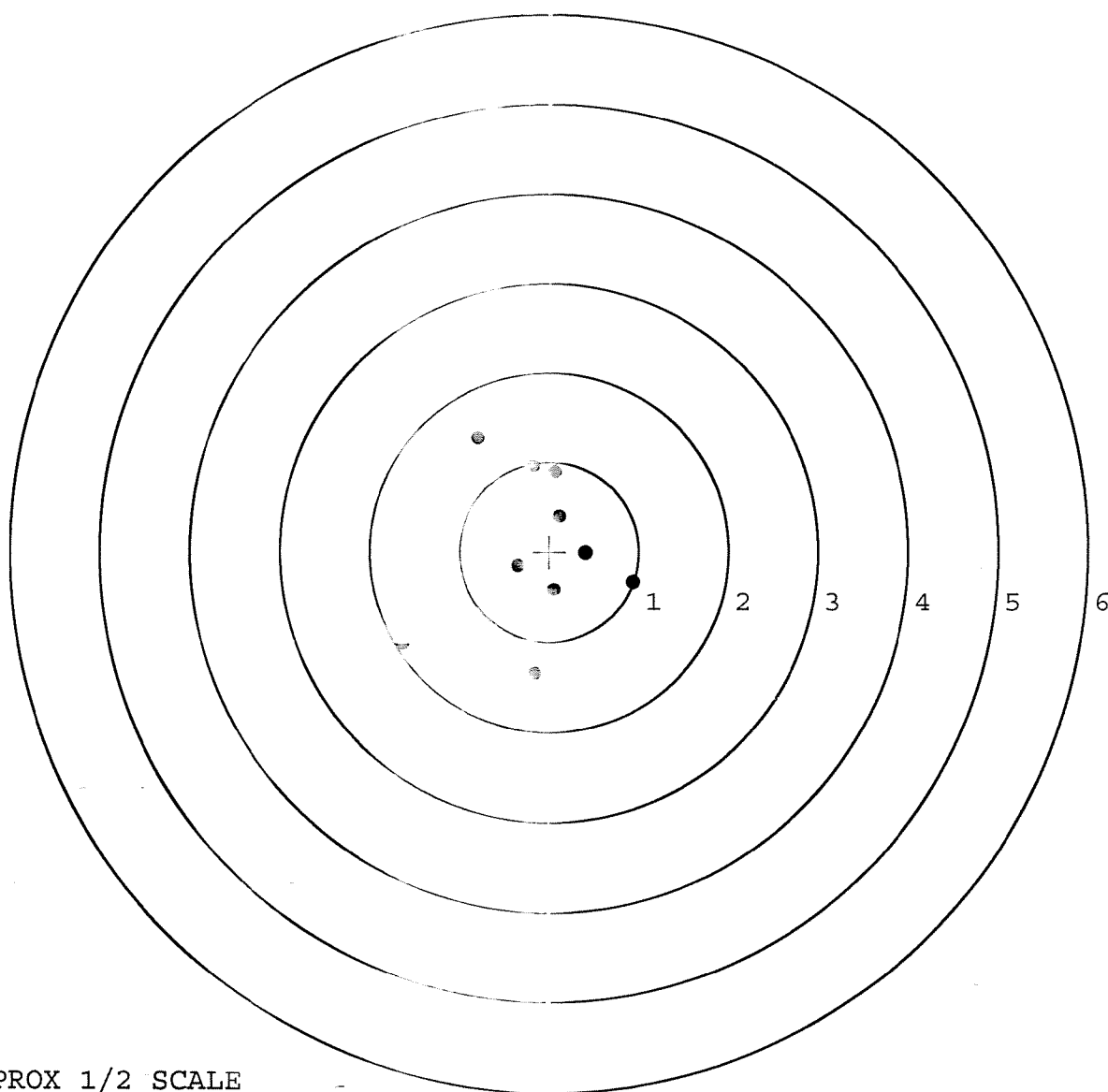


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225494. __1
TARGET NUMBER: 4
FILE DATE: 01/12/2009
FILE TIME: 08:08

POINT#	X	Y
1:	-0.795	1.261
2:	-0.183	0.960
3:	0.063	0.892
4:	0.109	0.394
5:	0.411	-0.014
6:	0.937	-0.337
7:	0.051	-0.426
8:	-0.351	-0.155
9:	-0.163	-1.347
10:	-1.630	-1.021

X CENTROID: -0.155
Y CENTROID: 0.021
POA TO CENTROID: 0.156
HORZ SPREAD: 2.567
VERT SPREAD: 2.608
GROUP SPREAD: 2.657
MIN RADIUS: 0.263
MAX RADIUS: 1.806
MEAN RADIUS: 0.934
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

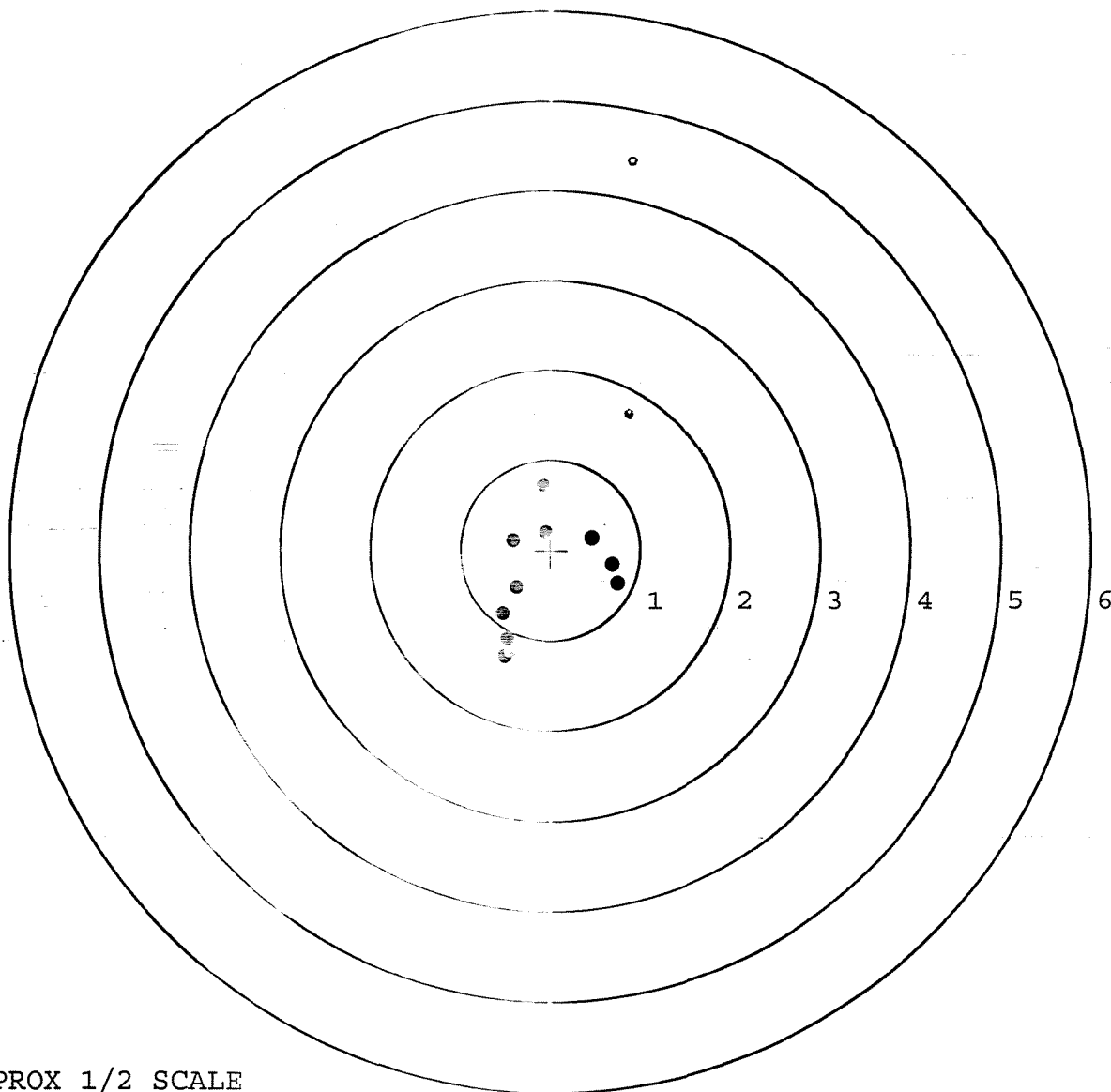


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225494. __1
TARGET NUMBER: 5
FILE DATE: 01/12/2009
FILE TIME: 08:08

POINT#	X	Y
1:	0.748	-0.363
2:	0.690	-0.160
3:	0.461	0.139
4:	-0.082	0.718
5:	-0.054	0.196
6:	-0.415	0.113
7:	-0.513	-1.175
8:	-0.478	-0.981
9:	-0.533	-0.703
10:	-0.376	-0.401

X CENTROID: -0.055
Y CENTROID: -0.262
POA TO CENTROID: 0.267
HORZ SPREAD: 1.281
VERT SPREAD: 1.893
GROUP SPREAD: 1.941
MIN RADIUS: 0.350
MAX RADIUS: 1.022
MEAN RADIUS: 0.703
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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: **RE00124988**

Serial: C6225494 Model M24 SWS Center Fire

Repairman:

Verify Repair

Status:

New 2/7/2007 9:36:11 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: **SGT. CHRISTOPHER SMITH**

SGT. CHRISTOPHER SMITH

Address 1: **HHC 1-38 INFANTRY SNIPERS**

HHC 1-38 INFANTRY SNIPERS

Address 2: **BLDG 3227 2ND DIV. RD.**

BLDG 3227 2ND DIV. RD.

PO Box:

PO Box:

City: **FT. LEWIS**

FT. LEWIS

State: **WA**

Zip Code: **98433**

Country: **US**

State: **WA**

Zip Code: **98433**

Country: **US**

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: **NA**

Fax:

Email:

Comments:

Received Condition

Fair

Condition:

Notes:

CSR

Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1

Repair Search

Refresh

Close

nagletj

2/7/2007

11:45 AM

CSRS

NUM

INC

SCRL

Serial Number: **C6225494**
 Model: **M24 SWS**

RE00124988

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225494.___0
FILE DATE AND TIME: 02/26/2007 23:05

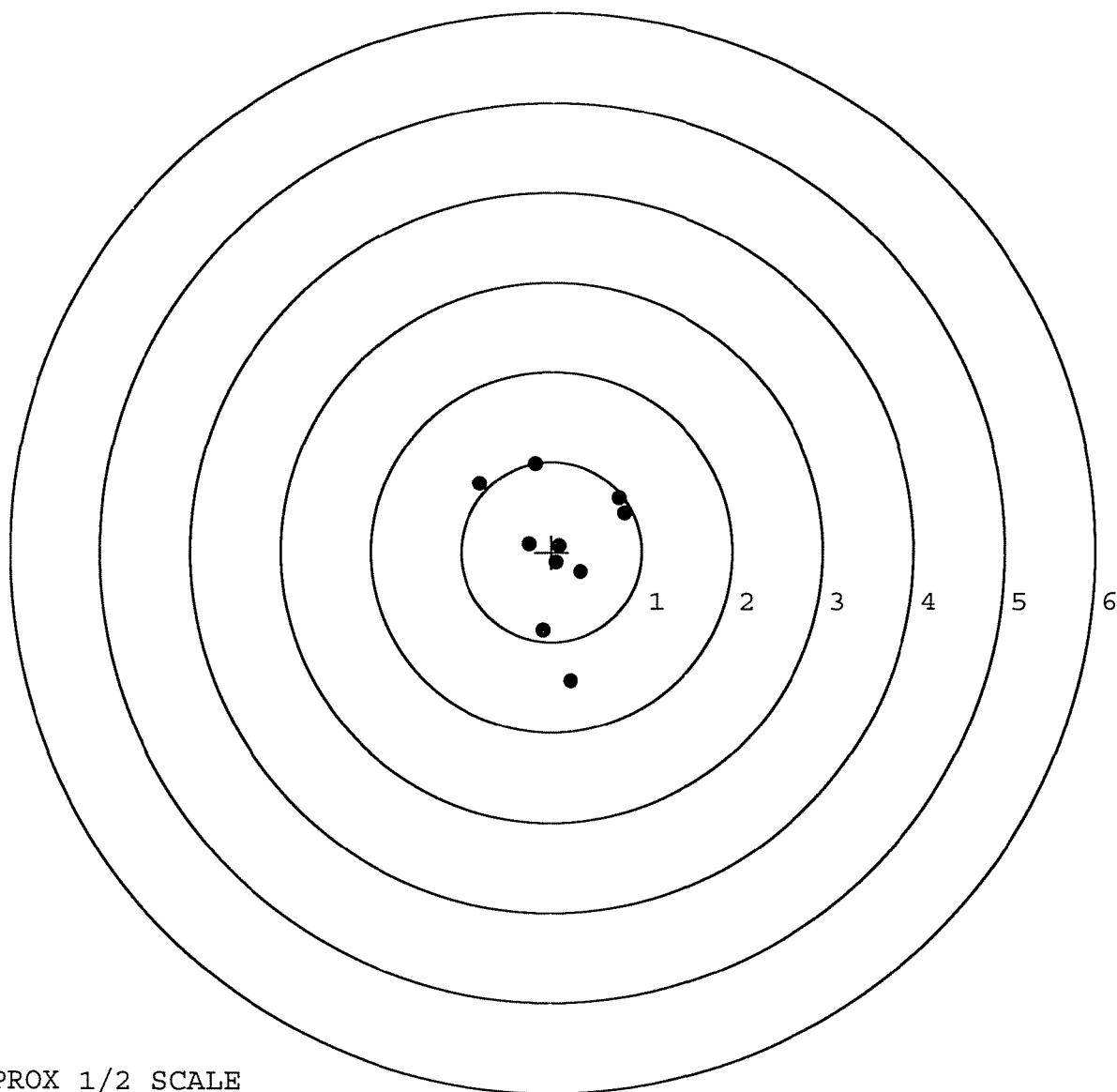
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.029
The Average Y Centroid of the Five Target Set:	-0.005
The Average Point of Impact of the Five Target Set:	0.029
The Average Mean Radius of the Five Target Set:	0.788
The Distance from POA to Centroid Target #1:	0.094
The Distance from Centroid Target #2 to Centroid Target #1:	0.210
The Distance from Centroid Target #3 to Centroid Target #1:	0.225
The Distance from Centroid Target #4 to Centroid Target #1:	0.155
The Distance from Centroid Target #5 to Centroid Target #1:	0.304

SERIAL NUMBER: C6225494.____0
 TARGET NUMBER: 1
 FILE DATE: 02/26/2007
 FILE TIME: 23:05

X CENTROID: 0.091
 Y CENTROID: 0.026
 POA TO CENTROID: 0.094
 HORZ SPREAD: 1.610
 VERT SPREAD: 2.417
 GROUP SPREAD: 2.450
 MIN RADIUS: 0.043
 MAX RADIUS: 1.470
 MEAN RADIUS: 0.711
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.798	0.755
2:	-0.185	0.978
3:	0.749	0.595
4:	0.812	0.430
5:	-0.097	-0.877
6:	0.217	-1.439
7:	0.323	-0.224
8:	0.049	-0.119
9:	0.086	0.068
10:	-0.249	0.088

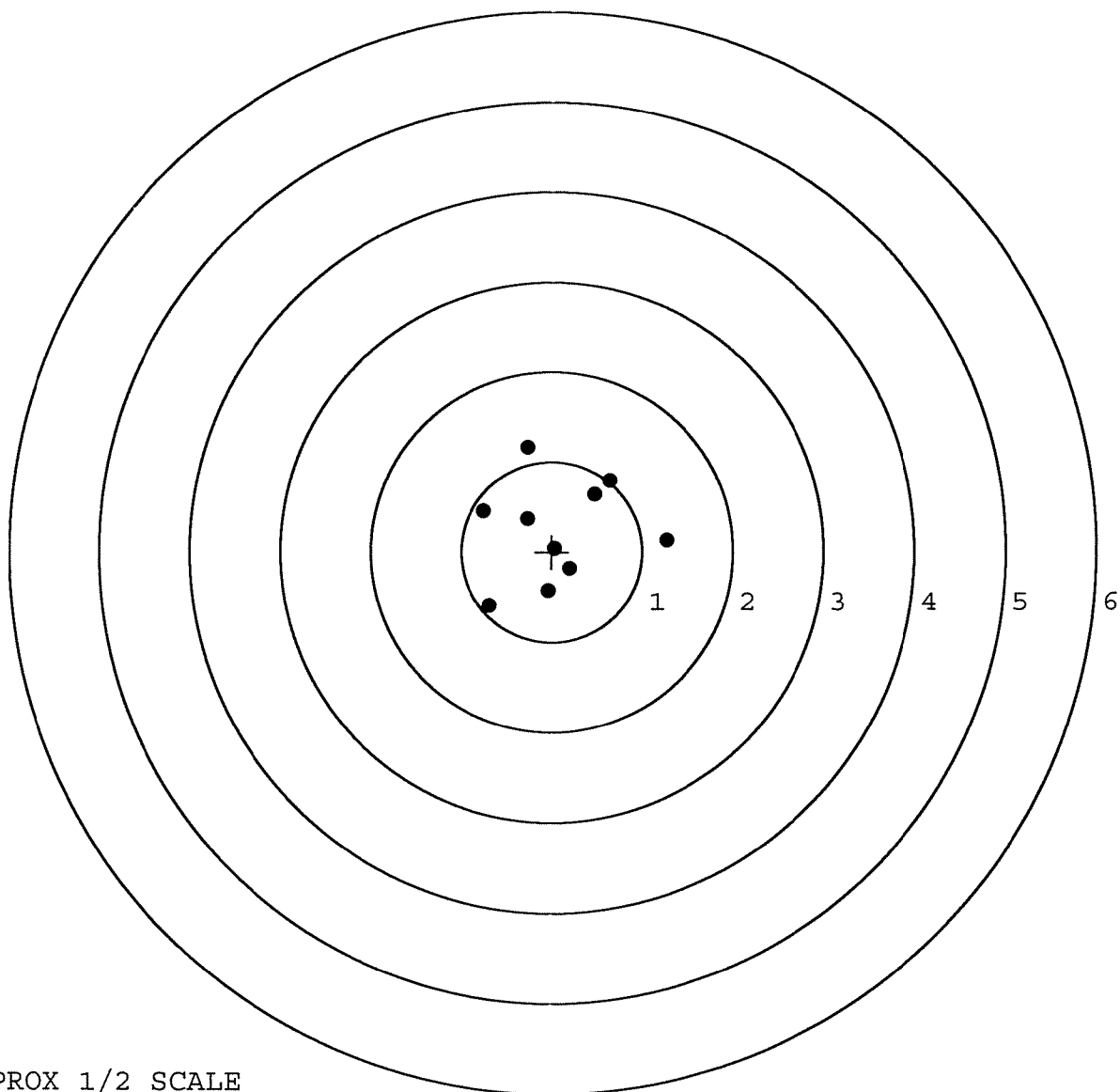


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225494. __0
TARGET NUMBER: 2
FILE DATE: 02/26/2007
FILE TIME: 23:05

POINT#	X	Y
1:	-0.273	1.160
2:	0.479	0.638
3:	0.645	0.790
4:	1.269	0.129
5:	-0.756	0.448
6:	-0.687	-0.604
7:	-0.042	-0.436
8:	-0.273	0.364
9:	0.031	0.038
10:	0.197	-0.192

X CENTROID: 0.059
Y CENTROID: 0.234
POA TO CENTROID: 0.241
HORZ SPREAD: 2.025
VERT SPREAD: 1.764
GROUP SPREAD: 2.089
MIN RADIUS: 0.197
MAX RADIUS: 1.215
MEAN RADIUS: 0.723
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

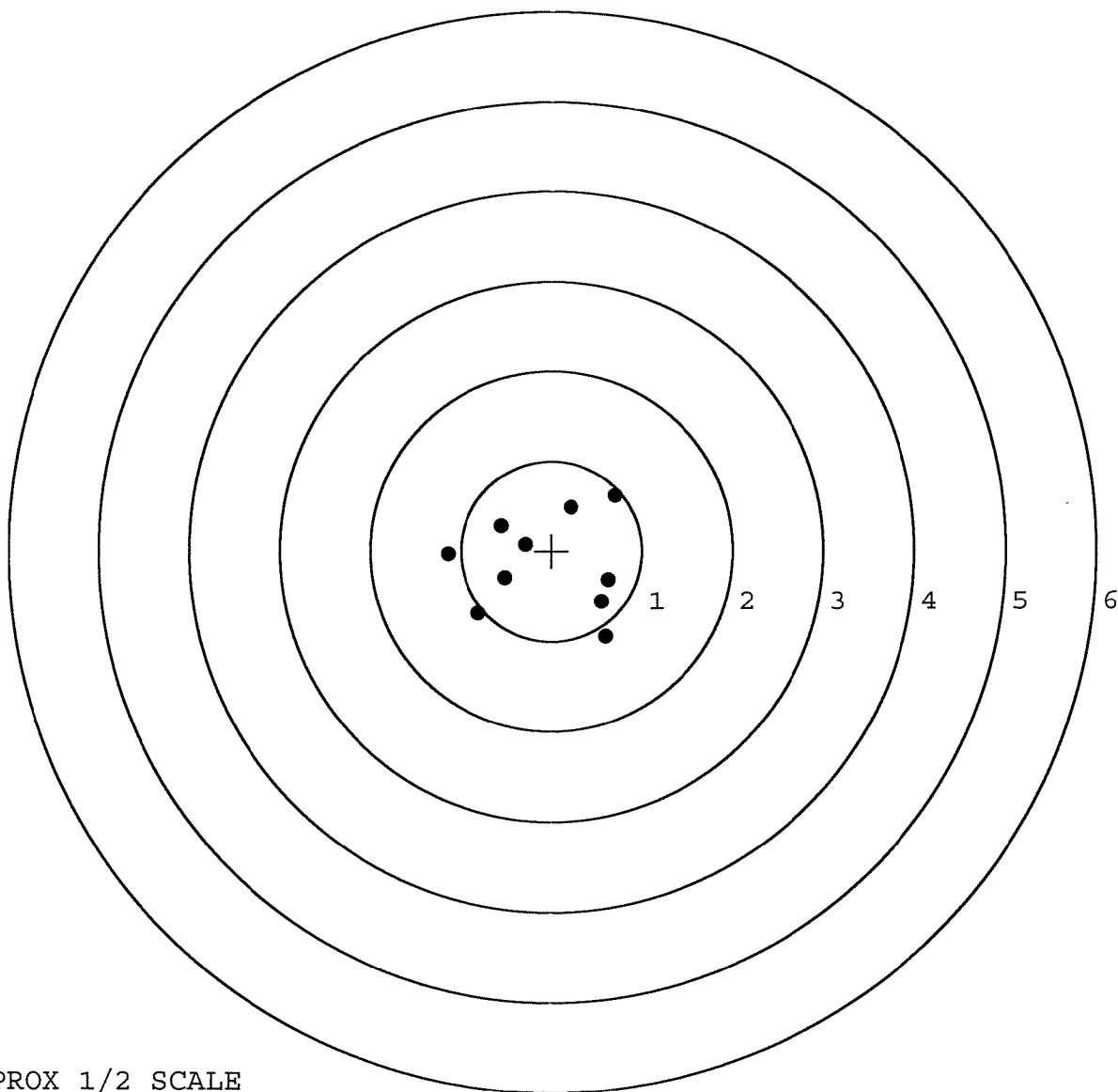


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225494. __0
 TARGET NUMBER: 3
 FILE DATE: 02/26/2007
 FILE TIME: 23:05

X CENTROID: -0.060
 Y CENTROID: -0.142
 POA TO CENTROID: 0.154
 HORZ SPREAD: 1.848
 VERT SPREAD: 1.568
 GROUP SPREAD: 1.968
 MIN RADIUS: 0.312
 MAX RADIUS: 1.089
 MEAN RADIUS: 0.773
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.704	0.620
2:	0.219	0.486
3:	-0.554	0.274
4:	-0.288	0.071
5:	-0.515	-0.301
6:	-0.810	-0.695
7:	-1.144	-0.041
8:	0.629	-0.323
9:	0.558	-0.562
10:	0.603	-0.948

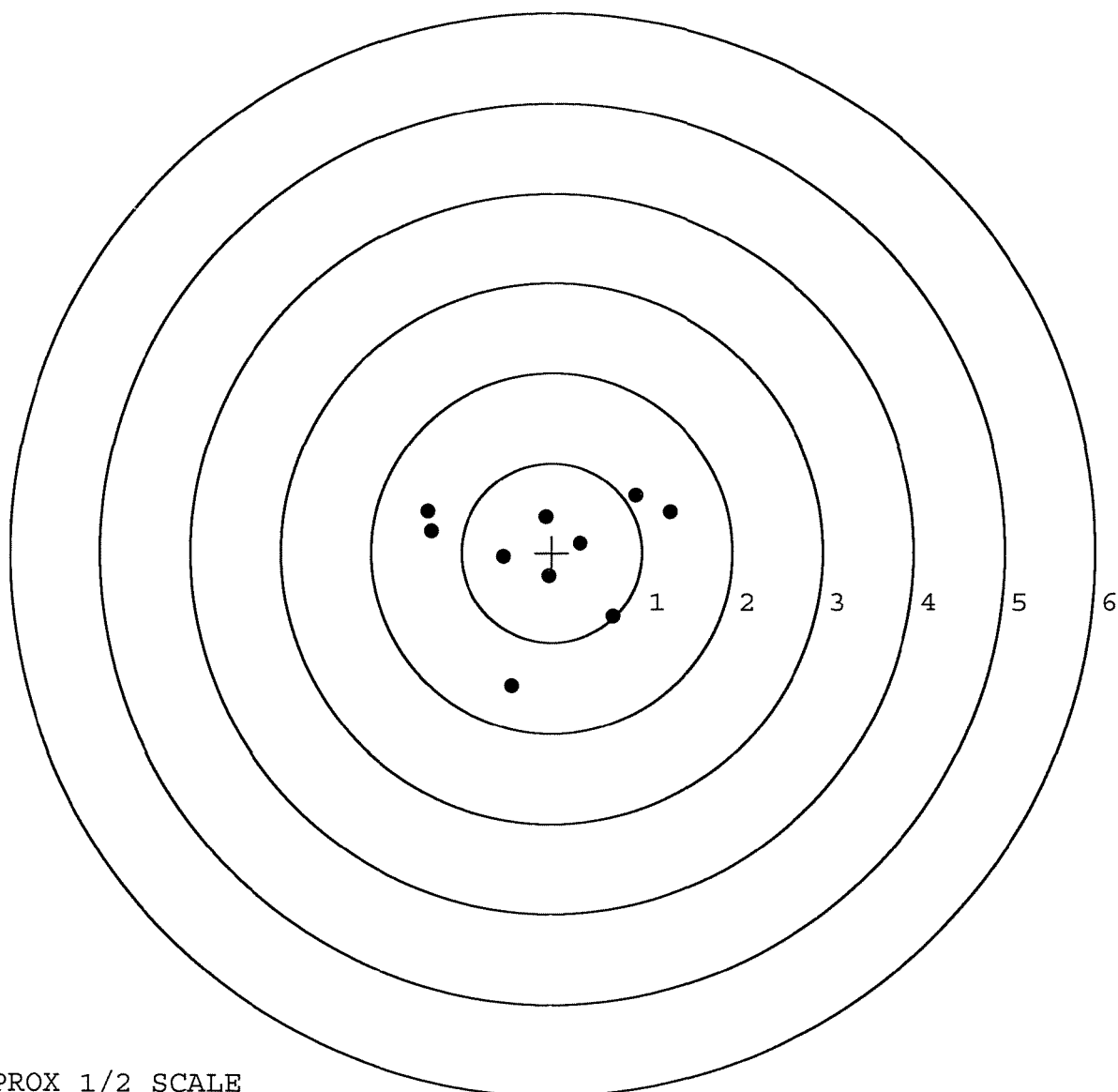


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225494. __0
 TARGET NUMBER: 4
 FILE DATE: 02/26/2007
 FILE TIME: 23:05

X CENTROID: -0.057
 Y CENTROID: -0.023
 POA TO CENTROID: 0.061
 HORZ SPREAD: 2.688
 VERT SPREAD: 2.119
 GROUP SPREAD: 2.607
 MIN RADIUS: 0.238
 MAX RADIUS: 1.509
 MEAN RADIUS: 0.941
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 4
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.308	0.450
2:	0.932	0.636
3:	-0.073	0.395
4:	0.317	0.104
5:	-0.038	-0.261
6:	-0.537	-0.049
7:	0.684	-0.717
8:	-0.441	-1.483
9:	-1.340	0.236
10:	-1.380	0.455

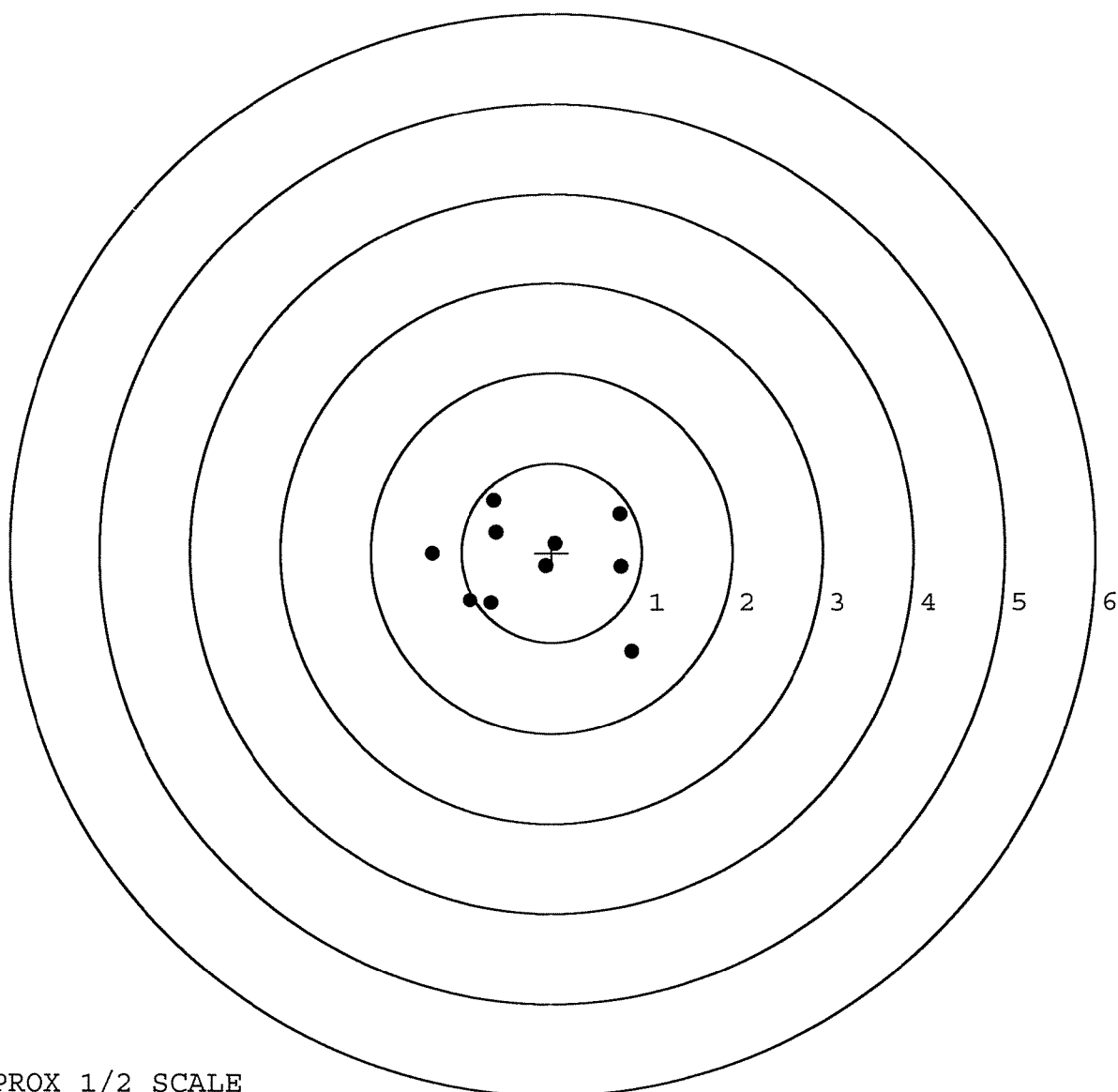


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225494. __0
TARGET NUMBER: 5
FILE DATE: 02/26/2007
FILE TIME: 23:05

POINT#	X	Y
1:	-0.642	0.576
2:	-0.614	0.222
3:	-1.321	-0.015
4:	-0.906	-0.538
5:	-0.669	-0.561
6:	-0.069	-0.147
7:	0.038	0.101
8:	0.755	0.432
9:	0.770	-0.158
10:	0.889	-1.100

X CENTROID: -0.177
Y CENTROID: -0.119
POA TO CENTROID: 0.213
HORZ SPREAD: 2.210
VERT SPREAD: 1.676
GROUP SPREAD: 2.462
MIN RADIUS: 0.112
MAX RADIUS: 1.449
MEAN RADIUS: 0.794
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	124988		
SERIAL NUMBER	C6225494		
LOG-IN DATE	2-7-07		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	2-13-07	RR
505	RE-BARREL	2-16-07	RTZ
560	ASSEMBLE	2-16-07	TRW
600	PROOF	2-16-07	Fm
605	CHECK HEADSPACE	INSPECTED	2-16-07 Fm
610	DIS-ASSEMBLE GUN	FEB 20 2007	2-16-07 RTZ
612	MAGNAFLUX	OPERATOR <i>CPD</i>	2-20-07 APD
510	DRILL AND TAP	N/A	2-19-07 TRW
615	ROLLMARK CALIBER		2-19-07 CW
618	ROTO-BLAST		2-20-07 LB
620	APPLY COATINGS		2-20-07 WJ
625	FINAL ASSEMBLY		2-26-07 RTZ
640	FUNCTION TEST AND	(PASS) FAIL	2/26/07 non
650	TARGET	(PASS) FAIL	2/26/07 non
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		2-27-07 RTZ
	A) HEADSPACE	(PASS) FAIL	2-27-07 RTZ
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.83 2.83 2.70 2.70 2.69 2.27.07 OA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	6.0 5.5 6.0 2.27.07 OA
	G) SAFETY OFF FORCE	2 LBS MIN	2.5 2.5 2.5 2.27.07 OA
	I) FIRING PIN INDENT	.020	.020 .020 .020 2.27.07 OA
690	PACK		2.27.07 OA

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 99-23156

INITIAL

CUSTOMER ORDER NO.

SWS

WOG 1 OF 2

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

11/23/99

11/23/99

DI 9/88

C6225494

700 7.62NAT

M24 SWS

ACCESSORIES

W/STUDS

SCOPE BASE

CAMO PAINT

FROM:

SHIP TO:

DENNA, PAUL
HHC 1/503 INF REGT
APO SAN FRANCISCO

CA 96224

DENNA, PAUL
HHC 1/503 INF REGT
APO SAN FRANCISCO CA
96224

CUST NO: 211824 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

B1

TRIGGER GROUP

B2

BOLT ASSY.

B3

BARREL ASSY.

B4

D1

REC. ASSY.

B5

D2

WOOD

C1

D3

METAL

C2

MAIN FAULT

PARTS

COMMENTS

BBL
STOCK96003
96018

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 7/97

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M240061980

Remington Arms Company, Inc. Repair Instructions

Print and complete this form and mail it, along with your firearm to:

Remington Arms Company, Inc.

14 Hoefler Ave.
Ilion, New York 13357

Name: SSG PAUL DENNA Model: M-24 SWS
Address: HHC 1-503 INF RGT Serial #: C6225494
City: UNIT #15059 Date of Purchase: _____
State: APC. AP. Zip: 96224-0320 (if available, please attach a copy
Telephone: (Day) () _____ of the proof of purchase.)
(Night) () _____ Internet Request

Please describe the problem you are having with your firearm: _____

WEAPON SYSTEM UNDER GOVERNMENT CONTRACT.
ROUND COUNT OVER 10,000
IN NEED OF CALIBRATION AND MAINTENANCE COVERED
UNDER GOVERNMENT CONTRACT.

Optional Information

Ammo Type: _____ Brand: _____

or Handload Specification _____ Bullet Weight: _____ Shot Size: _____

Reminders:

Record your serial number - it will help reference your repair.
Properly package your unloaded firearm. Do not ship in a hard case.
If you would like to order a box, please call our Parts Department:
800-243-9700, 9am-5pm, EST.
Do not send live/loaded ammunition with your firearm.
Remove all accessories.

Back to Obtaining Repair Service

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Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225494
23 Mar 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .054
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1758
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .183907

THE AMR FOR THIS RIFLE IS: 1.211

CENTROIDAL DISTANCES

Ø TO	1	.362505
1 TO	2	.387249
1 TO	3	.849696
1 TO	4	.328938
1 TO	5	.593273

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

PATTERN #: ☐ 1 ☐

POA TO CENTROID: .362

MIN RADIUS : .653

MEAN RADIUS : 1.346

MAX RADIUS : 2.435

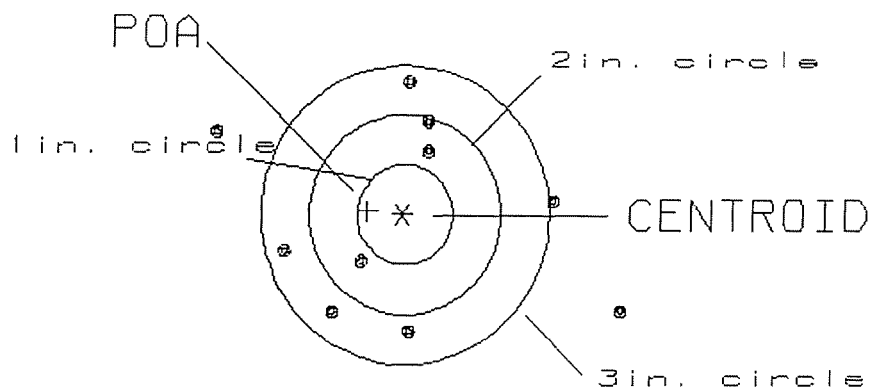
CENTROID X : .361

CENTROID Y : -.033

23 Mar 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225494.1

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 4.23

0

VS= 2.49

3

GS= 4.60

7

PATTERN #: ☐ 2 ☐

POA TO CENTROID: .144

MIN RADIUS : .325

MEAN RADIUS : .804

MAX RADIUS : 1.614

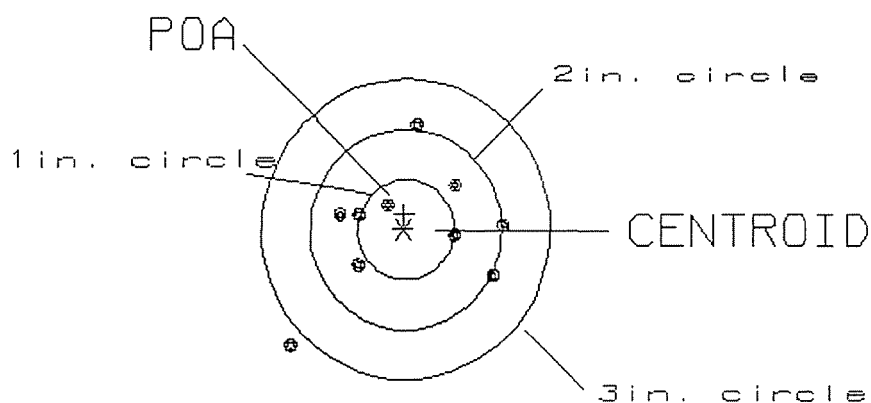
CENTROID X : -.010

CENTROID Y : -.144

23 Mar 2000

FILE:/Hqbasic/Accuracy/Patterning/Centerfire_Patt/c6225494.1

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.14

1

VS= 2.17

7

GS= 2.53

9

REMINGTON CENTERFIRE ACCURACY TEST

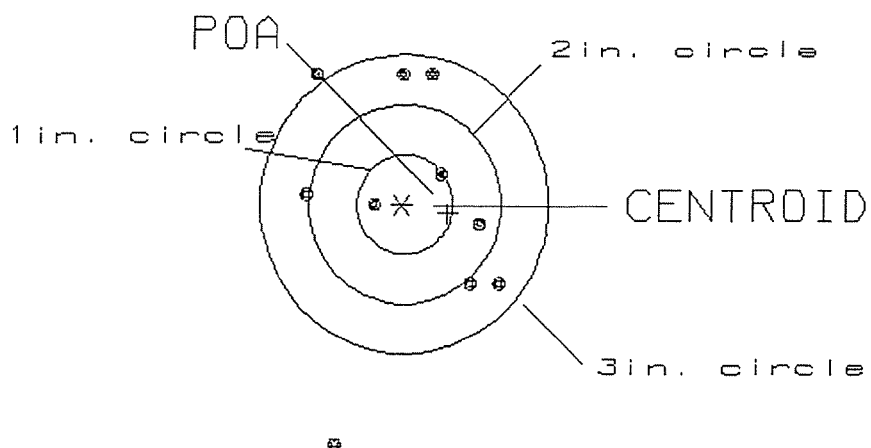
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 3 ☐
 POA TO CENTROID: .489
 MIN RADIUS : .346
 MEAN RADIUS : 1.167
 MAX RADIUS : 2.549
 CENTROID X : -.479
 CENTROID Y : .095

23 Mar 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225494.1

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 1.91
 VS= 3.78
 GS= 3.84

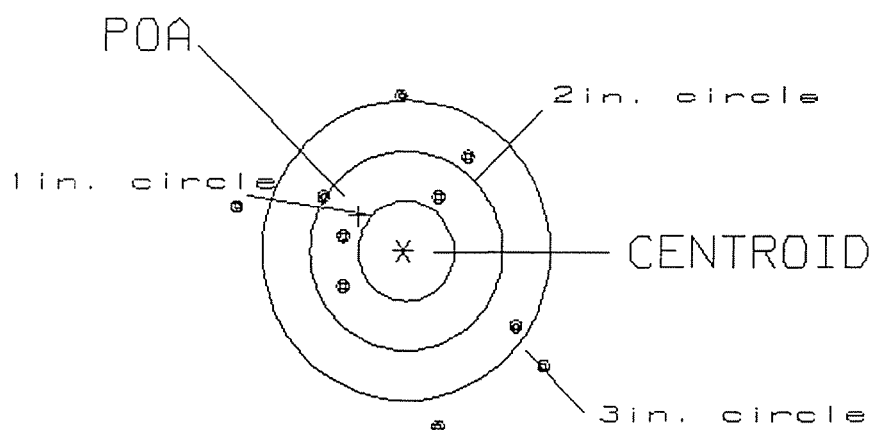
2
 4
 8

PATTERN #: ☐ 4 ☐
 POA TO CENTROID: .575
 MIN RADIUS : .604
 MEAN RADIUS : 1.242
 MAX RADIUS : 1.833
 CENTROID X : .459
 CENTROID Y : -.347

23 Mar 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225494.1

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.15

0

VS= 3.21

3

GS= 3.51

6

REMINGTON CENTERFIRE ACCURACY TEST

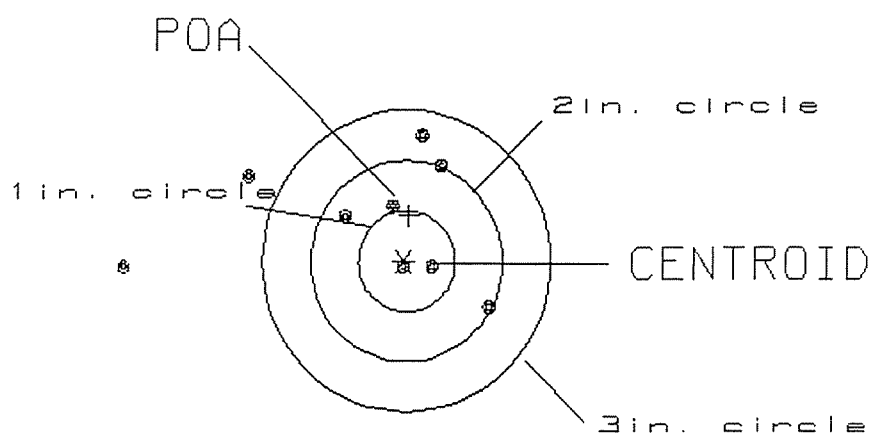
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 5 ☐
 POA TO CENTROID: .454
 MIN RADIUS : .054
 MEAN RADIUS : 1.494
 MAX RADIUS : 5.172
 CENTROID X : -.061
 CENTROID Y : -.450

23 Mar 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225494.1

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 6.73

2

VS= 4.82

5

GS= 7.56

7

FINAL Inspection

Sn: C6225494

DATE REC'D: 11/23/99

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:

21 DAY TURN - AROUND

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO. C6225494

LOG IN DATE: / /		DATE	INT.
INSPECT & VERIFY:			
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN	12/10/99	RW
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	1/20/00	RW
605	CHECK HEADSPACE	1/20/00	RW
610	DIS-ASSEMBLE		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY ON FORCE		
D	SAFETY OFF FORCE		
E	FIRING PIN INDENT		
640	TARGET	3/21/00	RW
655	FINAL INSPECT	5/23/00	RW
660	PACK		

QAR INSPECTION

SHIP DATE

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400061989

M-24

Score #

1258

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6225494

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and stock	8	9/88	FB
600	Proof	9	7/88	RW
607	Check Headspace	9	7/88	RW
610	Dis-assemble gun		7/88	RW
612	Magnaflux Barrel Action		9-14-88	pfe.
	Magnaflux Bolt		9-14-88	pfe
615	Rollmark Caliber			
617	Drill & Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)		10-31-88	TSA
	Apply Coatings (Bolt)		10-31-88	TSA
625	Final Assembly A) Clean inside of Bolt Assembly		11/7/88	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/7/88	RW
	C) Inspect Ejector Hole for Chamfer		11/7/88	RW

OVER

OP.#		READINGS	DATE	INITIAL
625	D) Oil Firing Pin Ass'y		11/2/88	RW
cont.	E) Adjust Trigger Pull to Min. Setting and Stake		8 NOV 88	ju
	F) Safety on Force	5 5 5	8 NOV 88	JS
	G) Safety off Force	3 3 4	8 NOV 88	ju
	H) Trigger Pull Test & Retainability		8 NOV 88	JS
	I) Firing Pin Indent	0.020 0.020 0.020	8 NOV 88	JS
	J) Assemble Stock		11/6/88	RW
	K) Attach Front & Rear Sight Assemblies		11/6/88	RW
	L) Iron Sight Alignment		11/6/88	RW
	M) Detach Front & Rear Sights & place in numbered container		11/6/88	RW
	N) Attach Scope to Rifle		11/6/88	WB
	O) Detach & Attach Scope 20 times		11/6/88	WB
640	Gallery Target & Test	68 R 83 L	11/18/88	DH
	A) Optical Clarity of Scope		11/18/88	DH
645	Inspect for Live Ammo		11/18/88	DH
655	Final Inspection			
	A) Headspace		1 Dec 88	JS
	B) Trigger Pull	2.69 2.70 2.63	2.65 2.69	JS
	C) Function		1 Dec 88	JS
	D) Assemble Swivel Studs		1 Dec 88	JS
660	Pack		14 Dec 88	JS

0.2
SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C-6225494

DATE 11-8-88

TESTER JEL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.58	2.58	2.41	2.69	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.53	2.59	2.42	2.70	
PULL #3	2.43	2.55	2.40	2.63	
PULL #4	2.59	2.51	2.43	2.65	
PULL #5	2.58	2.49	2.36	2.69	
TOTAL	12.71	12.72	12.02	13.36	
AVG.	2.542	2.544	2.404	2.672	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.15	3.17		
PULL #2	3.27	3.17		
PULL #3	3.26	3.18		
PULL #4	3.29	3.16		
PULL #5	3.28	3.18		
TOTAL	16.25	15.86		
AVG.	3.250	3.172		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.05	4.09		4.26
PULL #2	4.02	4.15		4.29
PULL #3	4.17	4.16		4.28
PULL #4	4.26	4.23		4.30
PULL #5	4.20	4.22		4.28
TOTAL	20.70	20.85		21.41
AVG.	4.140	4.170		4.282

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225494

CENTROIDAL DISTANCES

0 TO	1	1.029
1 TO	2	.390483
1 TO	3	.222032
1 TO	4	.427551
1 TO	5	.436818

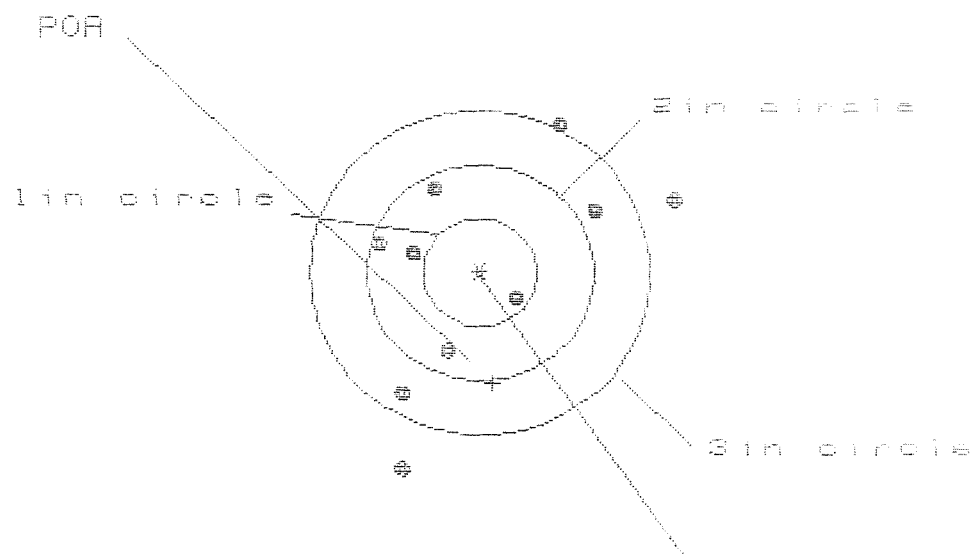
132
2
+ (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .069
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .8592
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .861965
THE AMR FOR THIS RIFLE IS: .9452

28 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225484

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 7

HS = 2.648

VS = 3.127

GS = 3.492

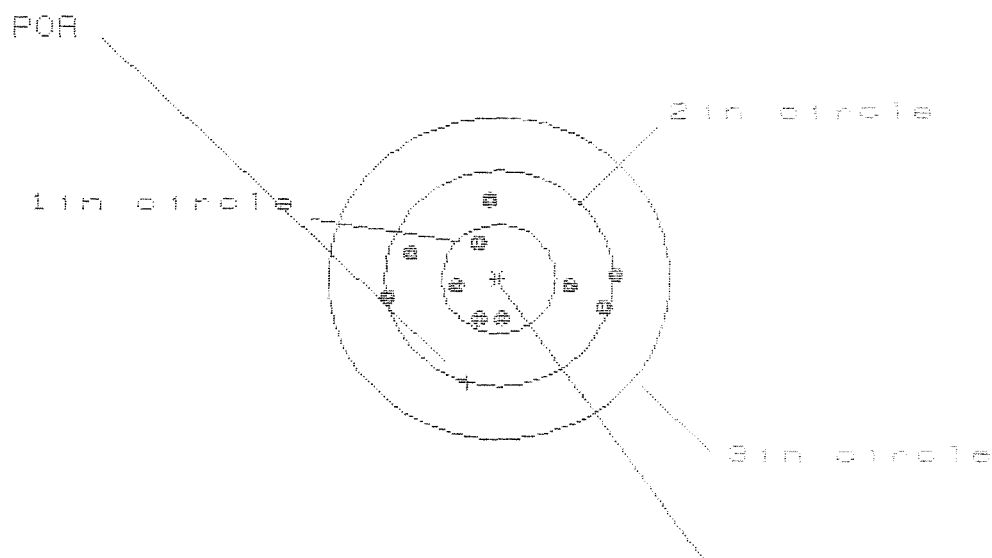
CENTROID #

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.738	1.657	1.089
MINIMUM X	:	-.910	-.991	-.784
MAXIMUM Y	:	1.346	1.148	1.210
MINIMUM Y	:	-1.781	-1.284	-1.222
CENTROID X	:	-.111	-.030	-.237
CENTROID Y	:	1.023	1.221	1.159
POR TO CENTROID in.	:	1.029	1.221	1.183
MIN RADIUS	:	.353	.467	.487
MEAN RADIUS	:	1.134	1.046	.924
MAX RADIUS	:	1.923	1.729	1.475
HORIZONTAL SPREAD	:	2.648	2.648	1.873
VERTICAL SPREAD	:	3.127	2.432	2.432
EXTREME SPREAD	:	3.492	3.015	2.812
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

28 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225454

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 4

2in = 10

3in = 10

HS = 1.904

VS = 1.085

GS = 1.908

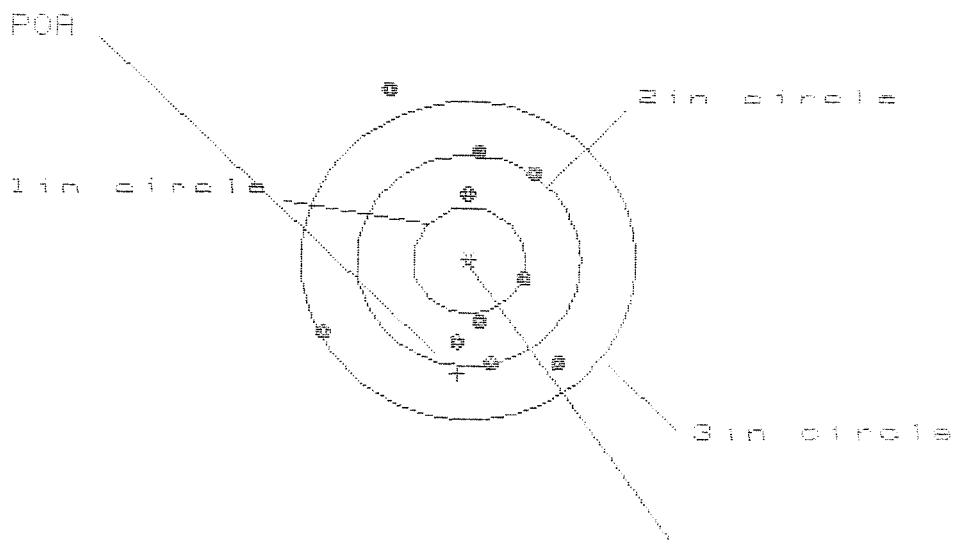
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.979	1.000	.898
MINIMUM X	-.925	-.816	-.755
MAXIMUM Y	.714	.712	.695
MINIMUM Y	-.371	-.373	-.390
CENTROID X	.275	.166	.268
CENTROID Y	.964	.966	.983
POA TO CENTROID in.	1.003	.980	1.019
MIN RADIUS	.332	.295	.352
MEAN RADIUS	.650	.597	.573
MAX RADIUS	.979	1.035	.942
HORIZONTAL SPREAD	1.904	1.816	1.653
VERTICAL SPREAD	1.085	1.085	1.085
EXTREME SPREAD	1.908	1.820	1.727
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		10	
NUMBER IN THREE INCH CIRCLE =		10	

28 May 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08235484

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS = 2.170

VS = 2.560

GS = 2.984

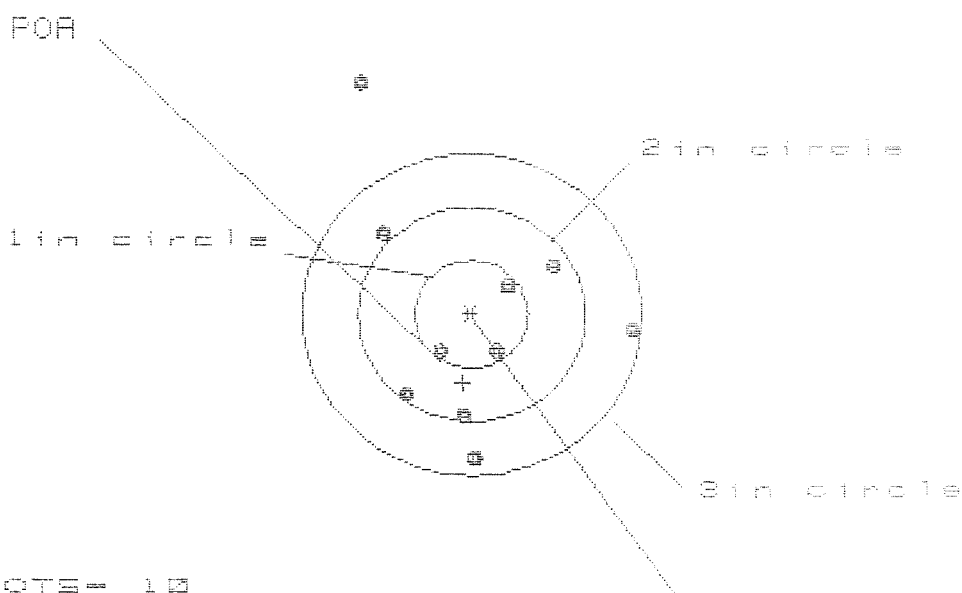
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.835	.753	.576
MINIMUM X	:	-1.335	-1.417	-1.413
MAXIMUM Y	:	1.597	1.198	1.143
MINIMUM Y	:	-.963	-.786	-.841
CENTROID X	:	.106	.188	.365
CENTROID Y	:	1.070	.893	.948
POA TO CENTROID in.	:	1.076	.912	1.016
MIN RADIUS	:	.492	.372	.306
MEAN RADIUS	:	1.012	.890	.798
MAX RADIUS	:	1.760	1.485	1.150
HORIZONTAL SPREAD	:	2.170	2.170	.989
VERTICAL SPREAD	:	2.560	1.984	1.984
EXTREME SPREAD	:	2.984	2.446	2.081
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

28 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8225484

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 6

3 in = 9

HS= 2.387

VS= 3.563

GS= 3.709

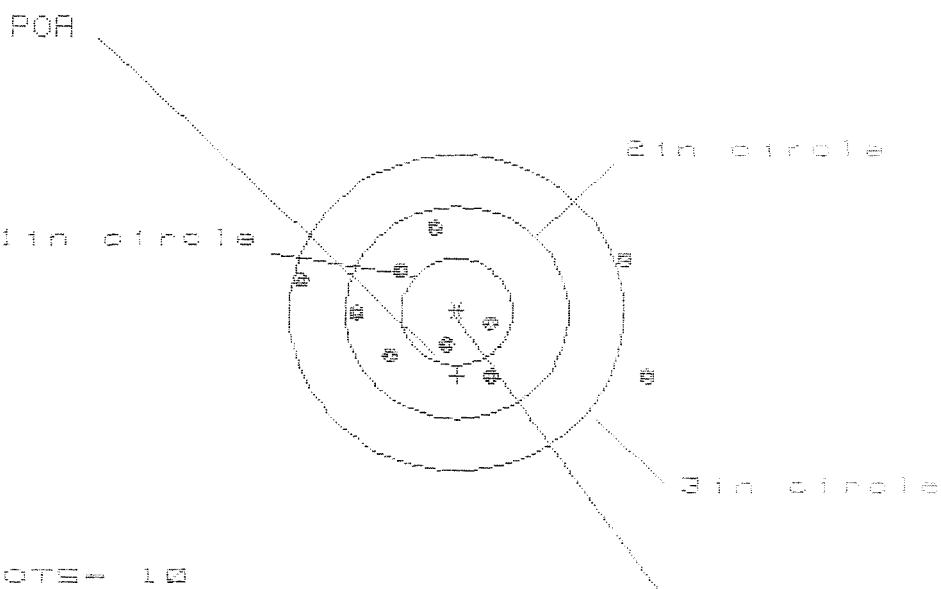
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.423	1.315	.748
MINIMUM X	:	-.974	-.895	-.730
MAXIMUM Y	:	2.207	.977	.996
MINIMUM Y	:	-1.356	-1.111	-1.091
CENTROID X	:	.077	.185	.020
CENTROID Y	:	.639	.394	.374
POA TO CENTROID in.	:	.644	.435	.375
MIN RADIUS	:	.359	.099	.240
MEAN RADIUS	:	1.014	.807	.731
MAX RADIUS	:	2.412	1.325	1.235
HORIZONTAL SPREAD	:	2.397	2.210	1.478
VERTICAL SPREAD	:	3.563	2.088	2.088
EXTREME SPREAD	:	3.709	2.358	2.253
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

28 Nov 1986

FILE://PATTERNING/CENTERFIRE_PATT/C8225454

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1in = 2

2in = 7

3in = 8

HS = 3.104

VS = 1.381

GS = 3.225

CENTROID *

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.720
MINIMUM X	-1.384
MAXIMUM Y	.758
MINIMUM Y	-.623
CENTROID X	-.002
CENTROID Y	.600
POA TO CENTROID in.	.600
MIN RADIUS	.303
MEAN RADIUS	.916
MAX RADIUS	1.829
HORIZONTAL SPREAD	3.104
VERTICAL SPREAD	1.381
EXTREME SPREAD	3.225
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	7
NUMBER IN THREE INCH CIRCLE =	8