

G6616375
Replac
C.6225493

Arms-SGA BARBER - M24 0137727
File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: RE00120771
Verify Repair

Serial: C6225493 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:
Status: New 11/27/2006 1:08:17 PM

Address Information

Customer:
Name: SFC KIRCHNER
Address 1: HSC 1/7 SFG (A)
Address 2: BLDG E-3622 JUST CAUSE DR PO Box:
City: FORT BRAGG
State: NC Zip Code: 28310 Country: US

Received From
Return To:
SFC KIRCHNER
HSC 1/7 SFG (A)
BLDG E-3622 JUST CAUSE DR PO Box:
FORT BRAGG
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
Fair
Condition Notes:
CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1

Repair Search Refresh Close

nagletj 11/27/2006 1:35 PM CAPS NUM INS SCRL

start

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

BARBER - M24 0137727

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6616375.___0
FILE DATE AND TIME: 12/16/2006 06:05

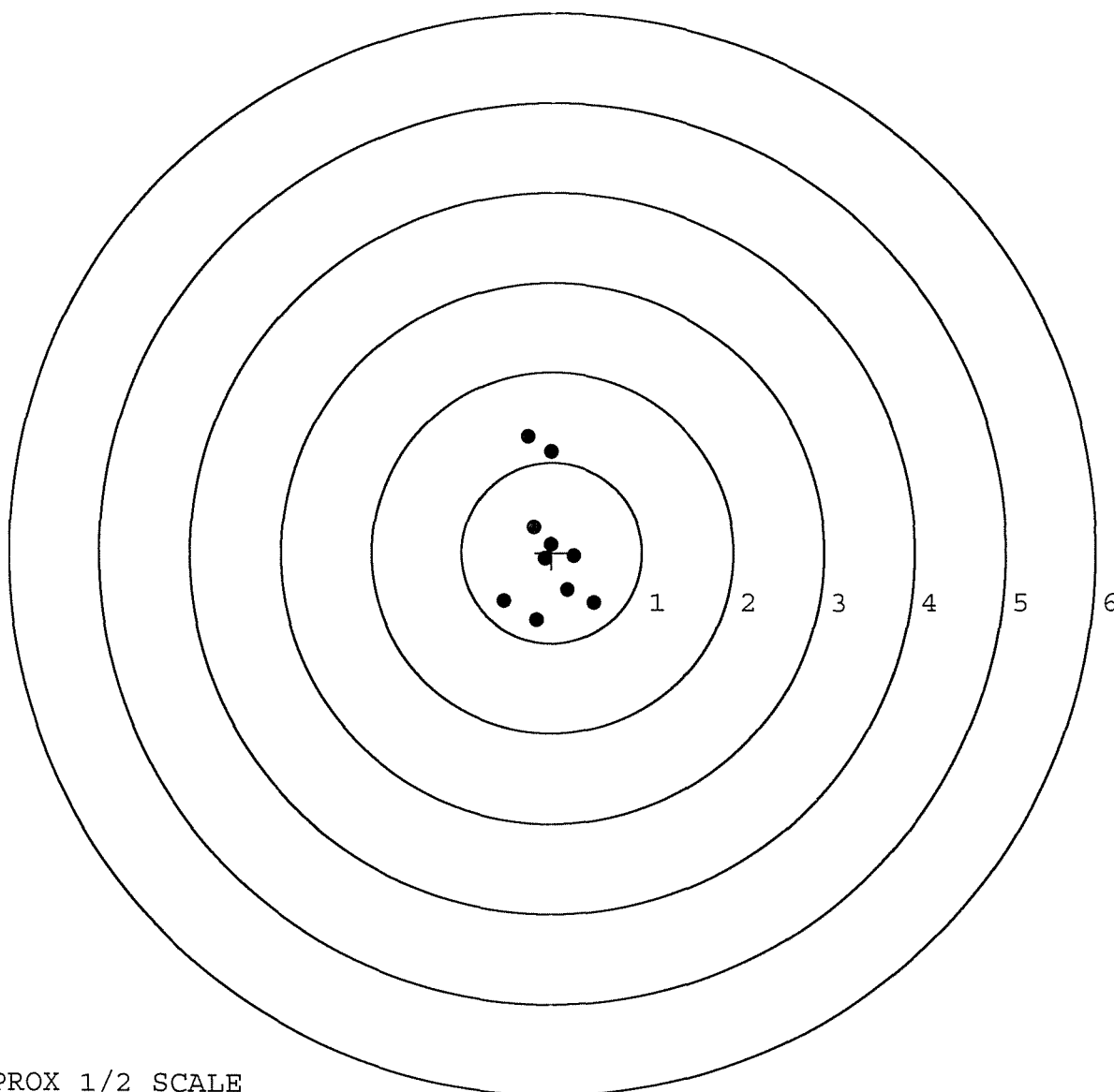
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.051
The Average Y Centroid of the Five Target Set:	-0.031
The Average Point of Impact of the Five Target Set:	0.060
The Average Mean Radius of the Five Target Set:	0.621
The Distance from POA to Centroid Target #1:	0.053
The Distance from Centroid Target #2 to Centroid Target #1:	0.173
The Distance from Centroid Target #3 to Centroid Target #1:	0.112
The Distance from Centroid Target #4 to Centroid Target #1:	0.073
The Distance from Centroid Target #5 to Centroid Target #1:	0.083

SERIAL NUMBER: G6616375. __0
 TARGET NUMBER: 1
 FILE DATE: 12/16/2006
 FILE TIME: 06:05

X CENTROID: -0.036
 Y CENTROID: 0.039
 POA TO CENTROID: 0.053
 HORZ SPREAD: 1.005
 VERT SPREAD: 2.037
 GROUP SPREAD: 2.039
 MIN RADIUS: 0.058
 MAX RADIUS: 1.267
 MEAN RADIUS: 0.596
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.266	1.285
2:	-0.007	1.114
3:	-0.167	-0.752
4:	-0.533	-0.540
5:	0.472	-0.558
6:	0.179	-0.415
7:	0.249	-0.045
8:	-0.075	-0.071
9:	-0.197	0.281
10:	-0.013	0.092

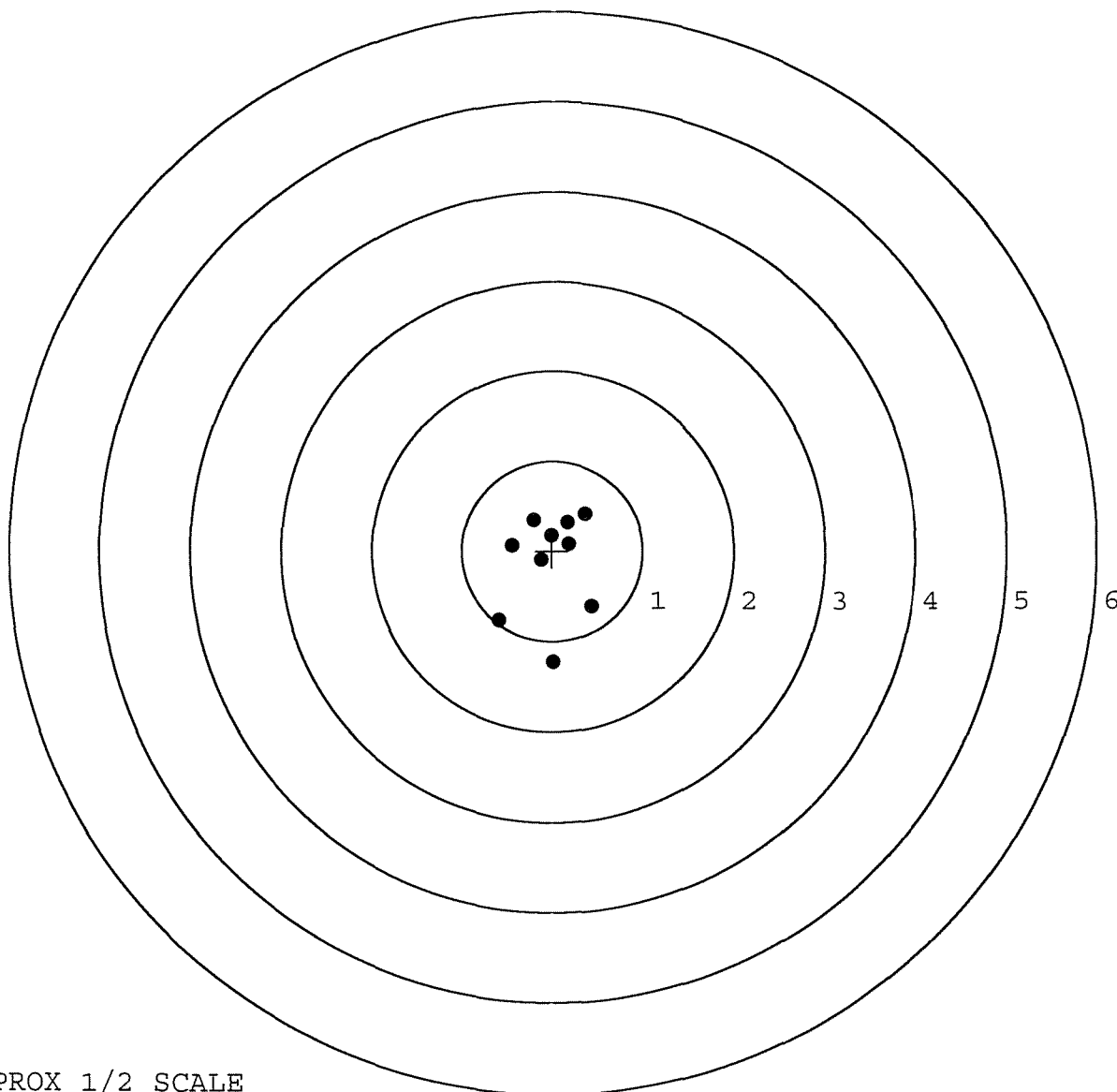


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6616375. __0
 TARGET NUMBER: 2
 FILE DATE: 12/16/2006
 FILE TIME: 06:05

X CENTROID: -0.021
 Y CENTROID: -0.134
 POA TO CENTROID: 0.135
 HORZ SPREAD: 1.029
 VERT SPREAD: 1.654
 GROUP SPREAD: 1.689
 MIN RADIUS: 0.107
 MAX RADIUS: 1.102
 MEAN RADIUS: 0.547
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.593	-0.767
2:	0.017	-1.235
3:	0.436	-0.618
4:	-0.122	-0.100
5:	-0.445	0.063
6:	0.193	0.076
7:	-0.212	0.343
8:	0.360	0.419
9:	0.168	0.315
10:	-0.009	0.167

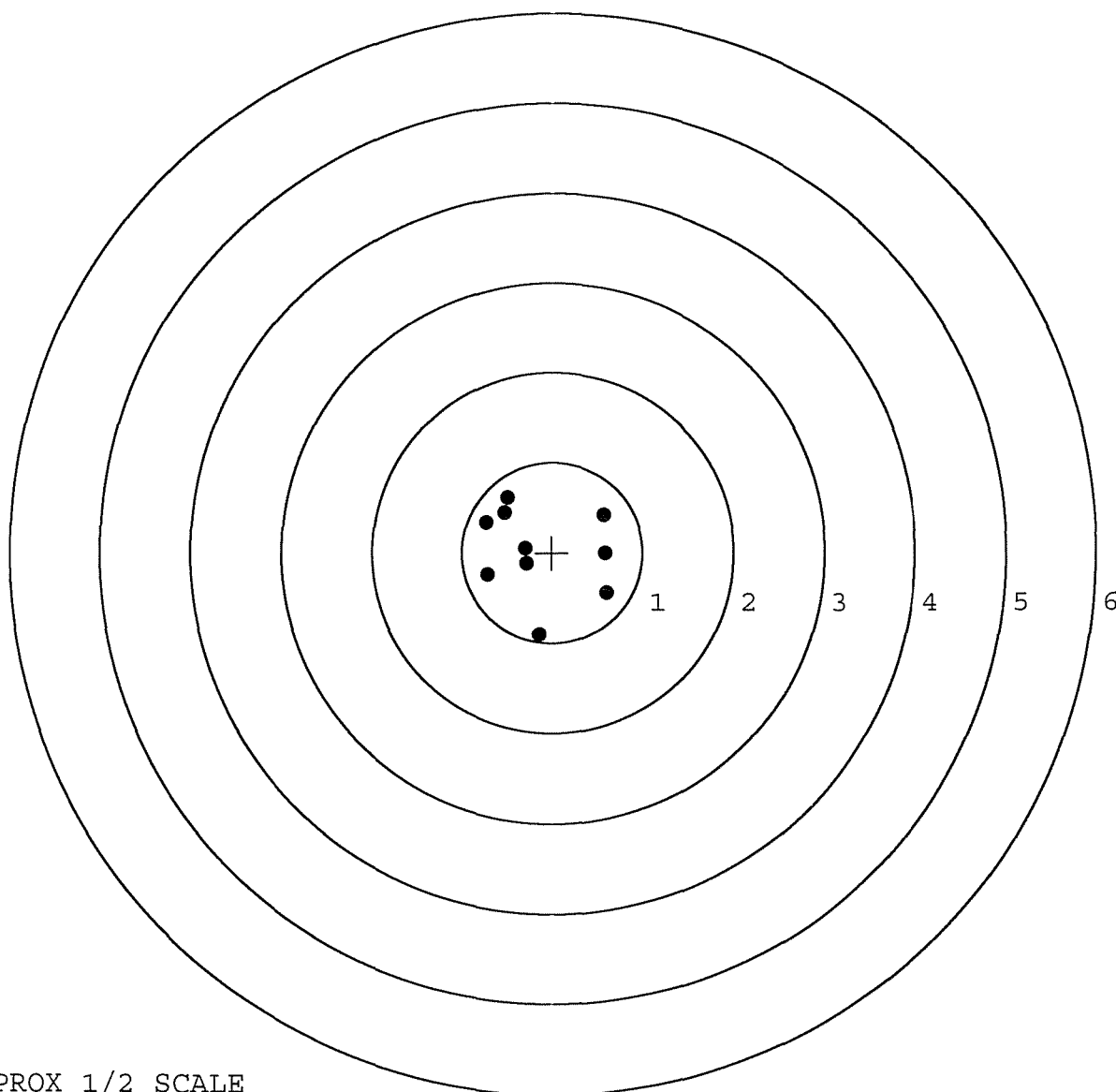


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6616375. __0
 TARGET NUMBER: 3
 FILE DATE: 12/16/2006
 FILE TIME: 06:05

POINT#	X	Y
1:	-0.145	-0.916
2:	0.602	-0.448
3:	0.591	-0.013
4:	0.569	0.415
5:	-0.717	-0.246
6:	-0.284	-0.123
7:	-0.297	0.050
8:	-0.495	0.613
9:	-0.735	0.335
10:	-0.532	0.440

X CENTROID: -0.144
 Y CENTROID: 0.011
 POA TO CENTROID: 0.145
 HORZ SPREAD: 1.337
 VERT SPREAD: 1.529
 GROUP SPREAD: 1.569
 MIN RADIUS: 0.158
 MAX RADIUS: 0.927
 MEAN RADIUS: 0.629
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6616375. __0

TARGET NUMBER: 4

FILE DATE: 12/16/2006

FILE TIME: 06:05

X CENTROID: -0.045

Y CENTROID: -0.033

POA TO CENTROID: 0.056

HORZ SPREAD: 1.635

VERT SPREAD: 1.709

GROUP SPREAD: 1.754

MIN RADIUS: 0.162

MAX RADIUS: 1.023

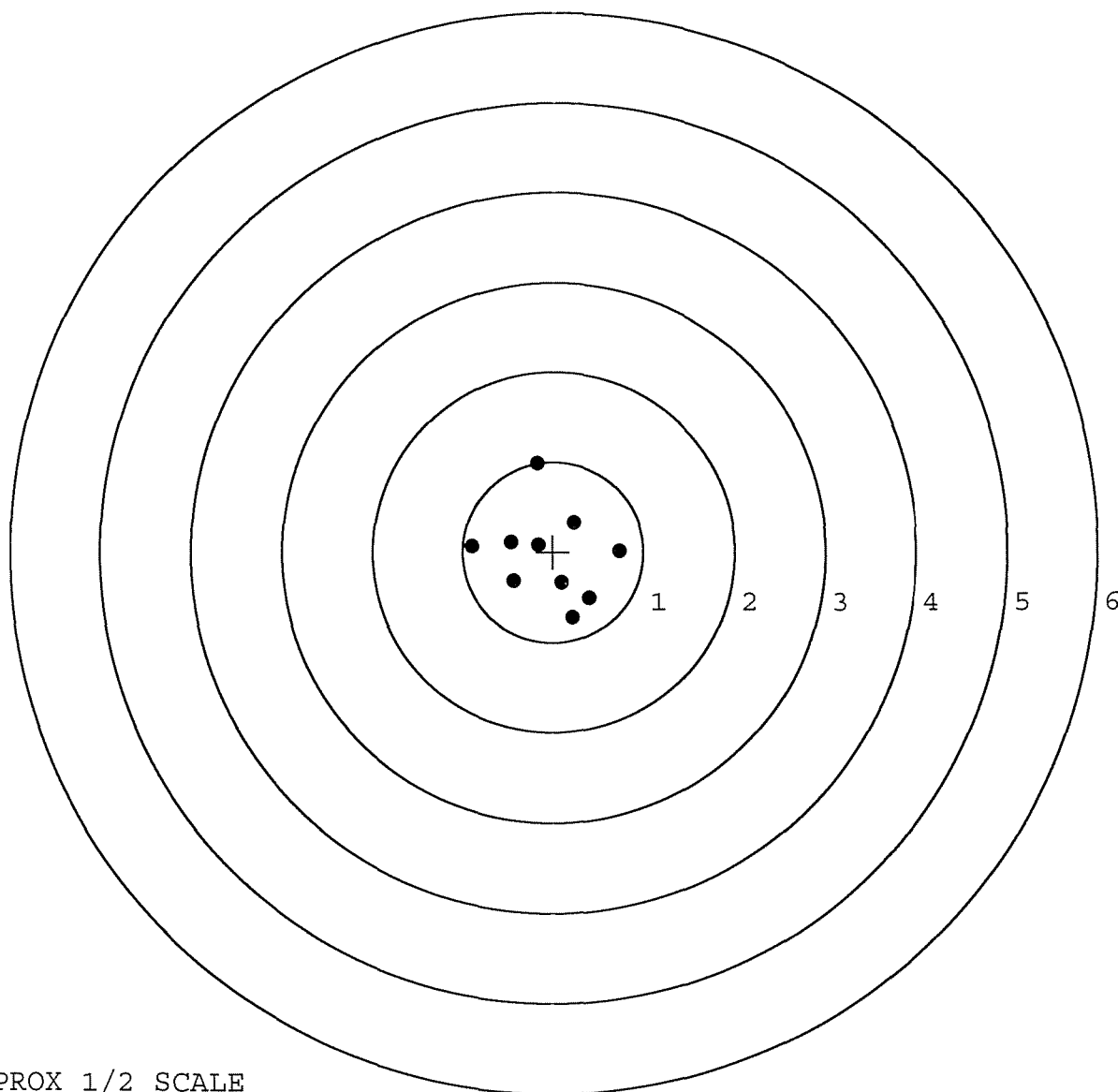
MEAN RADIUS: 0.594

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.178	0.982
2:	0.231	0.325
3:	-0.165	0.076
4:	-0.462	0.113
5:	-0.896	0.062
6:	-0.436	-0.322
7:	0.094	-0.341
8:	0.403	-0.509
9:	0.217	-0.727
10:	0.739	0.013

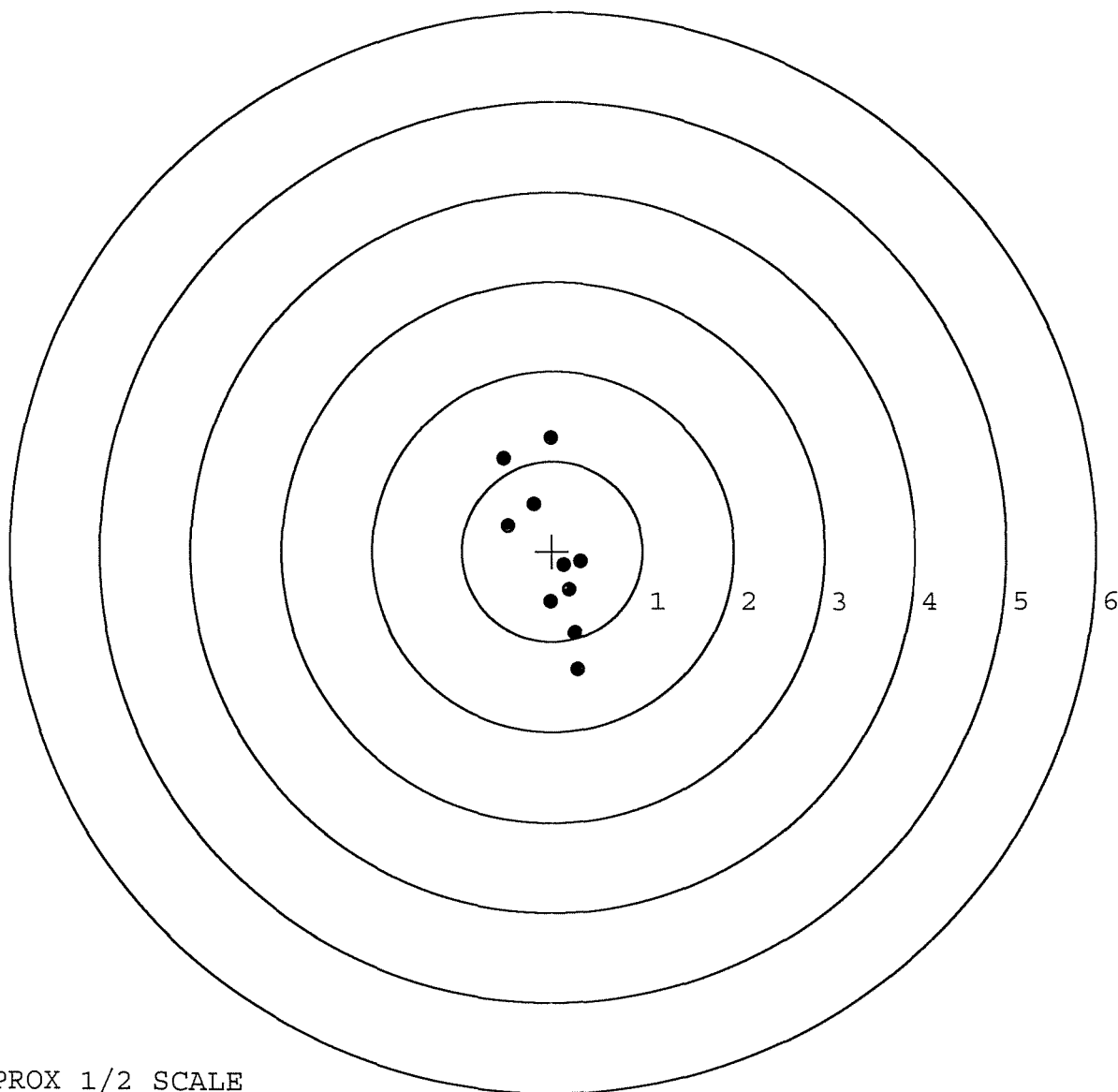


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6616375. __0
 TARGET NUMBER: 5
 FILE DATE: 12/16/2006
 FILE TIME: 06:05

POINT#	X	Y
1:	-0.026	1.258
2:	-0.543	1.030
3:	-0.212	0.525
4:	-0.497	0.282
5:	0.292	-1.316
6:	0.257	-0.913
7:	-0.023	-0.566
8:	0.191	-0.429
9:	0.319	-0.117
10:	0.130	-0.160

X CENTROID: -0.011
 Y CENTROID: -0.041
 POA TO CENTROID: 0.042
 HORZ SPREAD: 0.862
 VERT SPREAD: 2.574
 GROUP SPREAD: 2.594
 MIN RADIUS: 0.185
 MAX RADIUS: 1.311
 MEAN RADIUS: 0.739
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

INSPECTION CHECKLIST - REPAIRS

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

R & E NUMBER	120771		
SERIAL NUMBER	G66016375		
LOG-IN DATE	11-27-06		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	11-29-06	RJC
505	RE-BARREL	11-30-06	RJC
420	ASSEMBLE	12-4-06	RJC
440	PROOF	12-4-06	TRW
460	CHECK HEADSPACE	12-4-06	TRW
470	DIS-ASSEMBLE GUN	12-4-06	BLC
480	MAGNAFLUX	12-5-06	APD
510	DRILL AND TAP	12-4-06	SD
500	ROLLMARK CALIBER	12-5-06	CLW
520	GOFF BLAST BBL / REC	12-5-06	PA
530 & 540	APPLY COATINGS	12-7-06	FB
560	FINAL ASSEMBLY	12-14-06	RJC
640	FUNCTION TEST AND	PASS FAIL 12-15-06	TRW
650	TARGET	PASS FAIL 12-15-06	TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		
	A) HEADSPACE	PASS FAIL 12-19-06	BLC
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS 2.68 2.72 2.66 2.69 3.81 12-16-06	DA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX 5.2 6.5 6.5 12-16-06	DA
	G) SAFETY OFF FORCE	2 LBS 2.2 2.2 2.2 12-16-06	DA
	I) FIRING PIN INDENT	.020 .023 .022 .022 12-16-06	DA
690	PACK		DA

F006 REV 5/2006

BARREL ASSEMBLY

BARREL_____
RECEIVER_____
FRONT SIGHT BASE_____
REAR SIGHT BASE_____
SCREWS_____
FINISH

STOCK ASSEMBLY

STOCK_____
SLING SWIVEL STUDS_____
BUTT PATE_____
LOCK NUTS_____
BARREL CLEARANCE_____
COLOR / FINISH

SCOPE ASSEMBLY

SCOPE_____
SCOPE RINGS_____
MOUNTING SCREWS_____
MOUNTING BASE_____
SCREWS_____
FINISH_____
CLARITY

SYSTEM CASE

SCOPE CASE_____
IRON SIGHTS_____
DEPLOYMENT KIT

TRIGGER ASSEMBLY

SAFETY OPERATION_____
RE-SET TO FACTORY
SPECS

COMMENTS: _____

F006 REV 5/2006

Repair Number: RE00079568	Serial: C6225493 Model M24 SWS Center Fire Caliber: 7.62 NATO	Repairman:	Status: Closed 4/2/2004 12:54:50 PM																
Address Information Customer: ☒ Received From Return To: ☐ Received From Name: B CO 1/7 SFG A B CO 1/7 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: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐																			
<table border="1"> <tr> <td>Contact / Condition</td> <td>Problems</td> <td>Estimate</td> <td>History / Status</td> <td>Shipping / Billing</td> </tr> </table>				Contact / Condition	Problems	Estimate	History / Status	Shipping / Billing											
Contact / Condition	Problems	Estimate	History / Status	Shipping / Billing															
Contact Information Phone: Fax: Email: Comments:		Received Condition Fair: Condition Notes: CSR Notes:		Accessories Received <table border="1"> <thead> <tr> <th>Code</th> <th>Desc</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>A007</td> <td>With Studs</td> <td>3</td> </tr> <tr> <td>A010</td> <td>Hard Case</td> <td>1</td> </tr> <tr> <td>A017</td> <td>Scope Bases</td> <td>2</td> </tr> <tr> <td>A055</td> <td>Deployment Kits</td> <td>2</td> </tr> </tbody> </table>	Code	Desc	Qty	A007	With Studs	3	A010	Hard Case	1	A017	Scope Bases	2	A055	Deployment Kits	2
Code	Desc	Qty																	
A007	With Studs	3																	
A010	Hard Case	1																	
A017	Scope Bases	2																	
A055	Deployment Kits	2																	
Repair Search		Refresh Close																	

Serial Number: **C6225493**
 Model: **M24 SWS**

RE00079568

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225493.___0

FILE DATE AND TIME: 04/28/2004 06:19

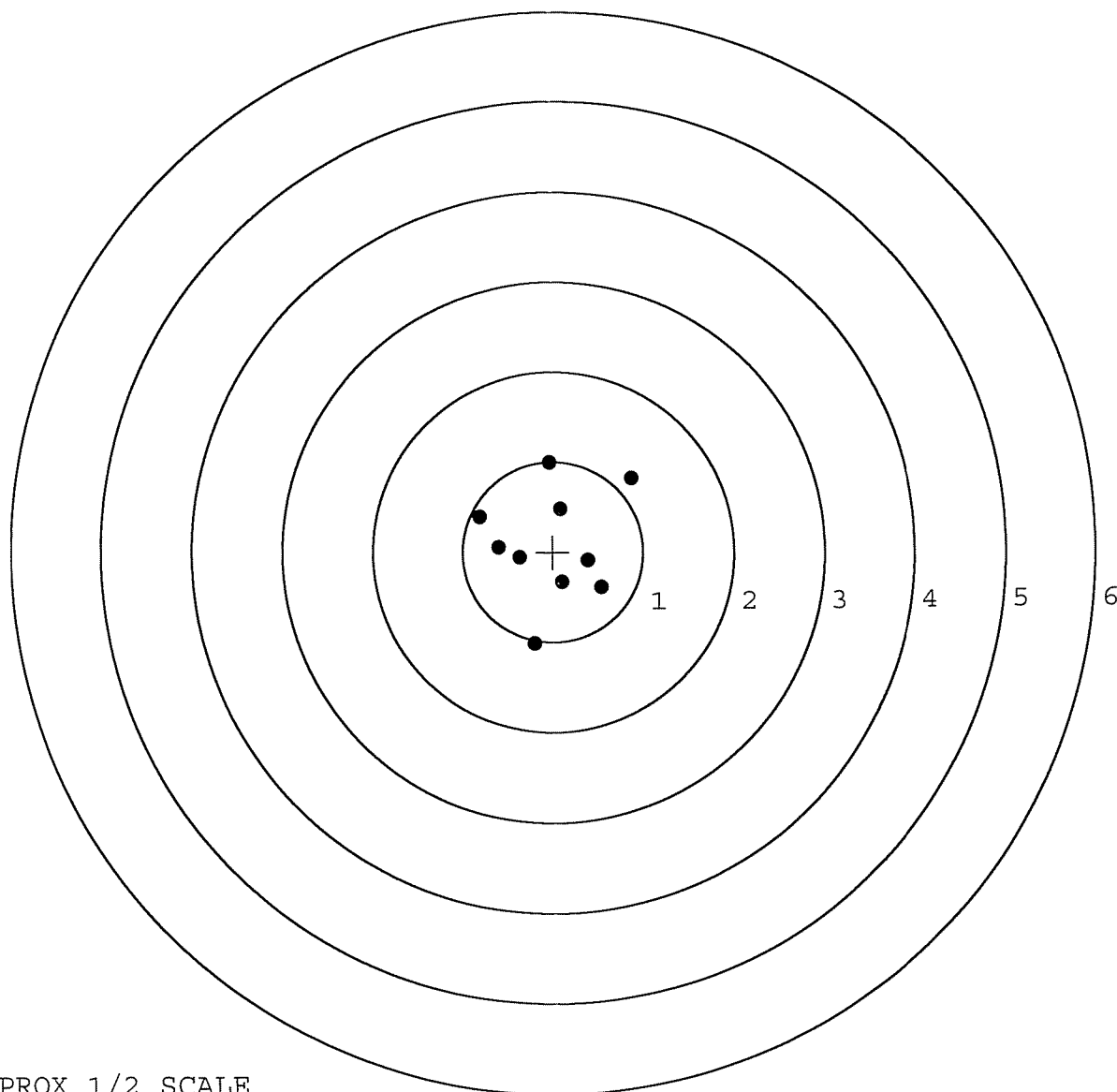
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.015
The Average Y Centroid of the Five Target Set:	-0.057
The Average Point of Impact of the Five Target Set:	0.058
The Average Mean Radius of the Five Target Set:	0.624
The Distance from POA to Centroid Target #1:	0.082
The Distance from Centroid Target #2 to Centroid Target #1:	0.090
The Distance from Centroid Target #3 to Centroid Target #1:	0.124
The Distance from Centroid Target #4 to Centroid Target #1:	0.353
The Distance from Centroid Target #5 to Centroid Target #1:	0.319

SERIAL NUMBER: C6225493. __0
 TARGET NUMBER: 1
 FILE DATE: 04/28/2004
 FILE TIME: 06:19

X CENTROID: -0.003
 Y CENTROID: 0.082
 POA TO CENTROID: 0.082
 HORZ SPREAD: 1.684
 VERT SPREAD: 2.014
 GROUP SPREAD: 2.134
 MIN RADIUS: 0.391
 MAX RADIUS: 1.141
 MEAN RADIUS: 0.703
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.212	-1.024
2:	0.874	0.813
3:	-0.035	0.990
4:	0.092	0.477
5:	-0.810	0.400
6:	-0.367	-0.061
7:	-0.604	0.055
8:	0.102	-0.335
9:	0.393	-0.097
10:	0.537	-0.394

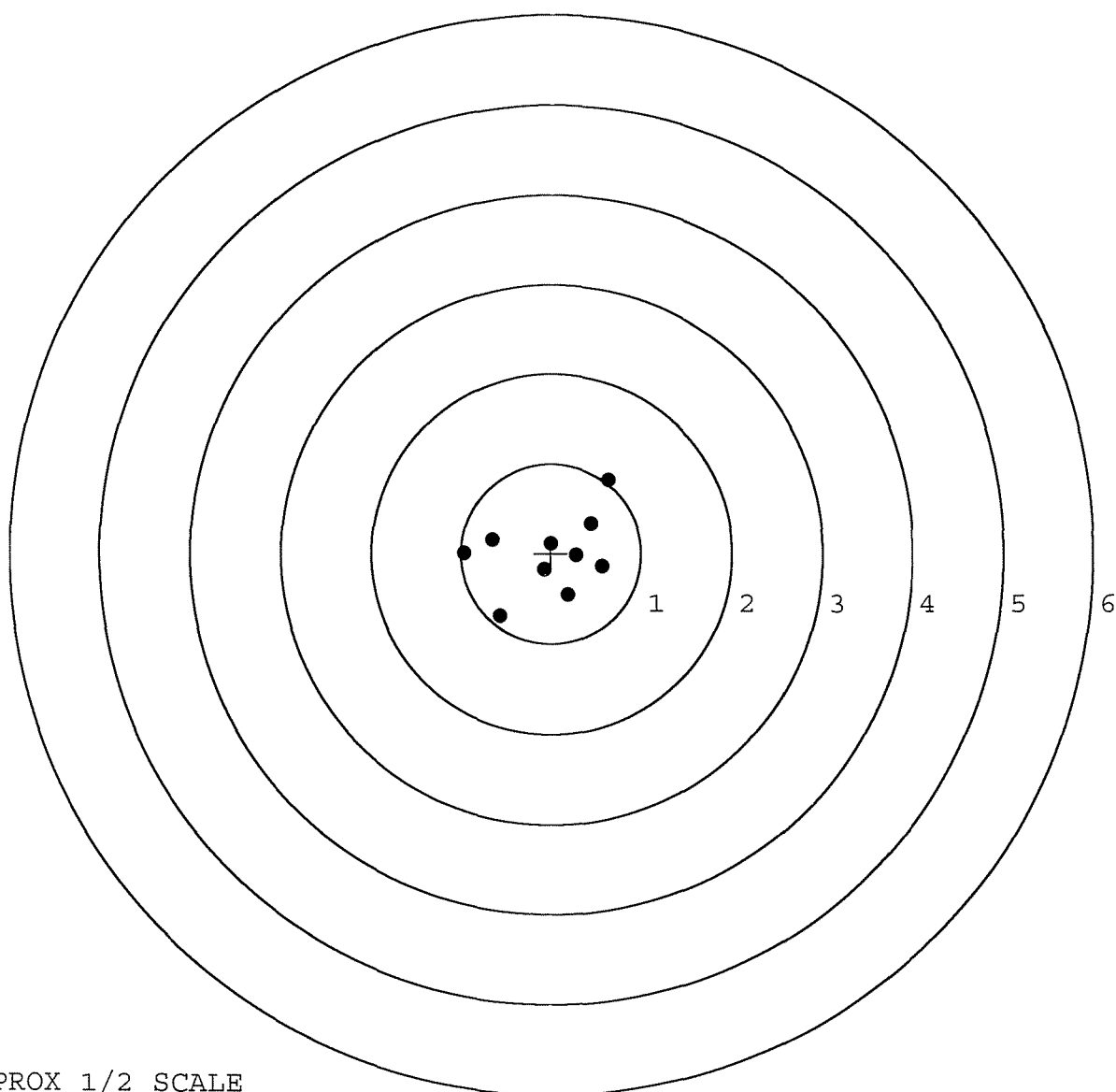


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225493. __0
 TARGET NUMBER: 2
 FILE DATE: 04/28/2004
 FILE TIME: 06:19

POINT#	X	Y
1:	0.636	0.823
2:	0.571	-0.144
3:	0.189	-0.465
4:	-0.571	-0.695
5:	0.443	0.338
6:	-0.963	0.005
7:	-0.649	0.156
8:	-0.079	-0.182
9:	0.000	0.111
10:	0.285	-0.020

X CENTROID: -0.014
 Y CENTROID: -0.007
 POA TO CENTROID: 0.016
 HORZ SPREAD: 1.599
 VERT SPREAD: 1.518
 GROUP SPREAD: 1.939
 MIN RADIUS: 0.119
 MAX RADIUS: 1.054
 MEAN RADIUS: 0.582
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225493. __0

TARGET NUMBER: 3

FILE DATE: 04/28/2004

FILE TIME: 06:19

X CENTROID: -0.062

Y CENTROID: -0.026

POA TO CENTROID: 0.067

HORZ SPREAD: 1.481

VERT SPREAD: 2.334

GROUP SPREAD: 2.443

MIN RADIUS: 0.059

MAX RADIUS: 1.475

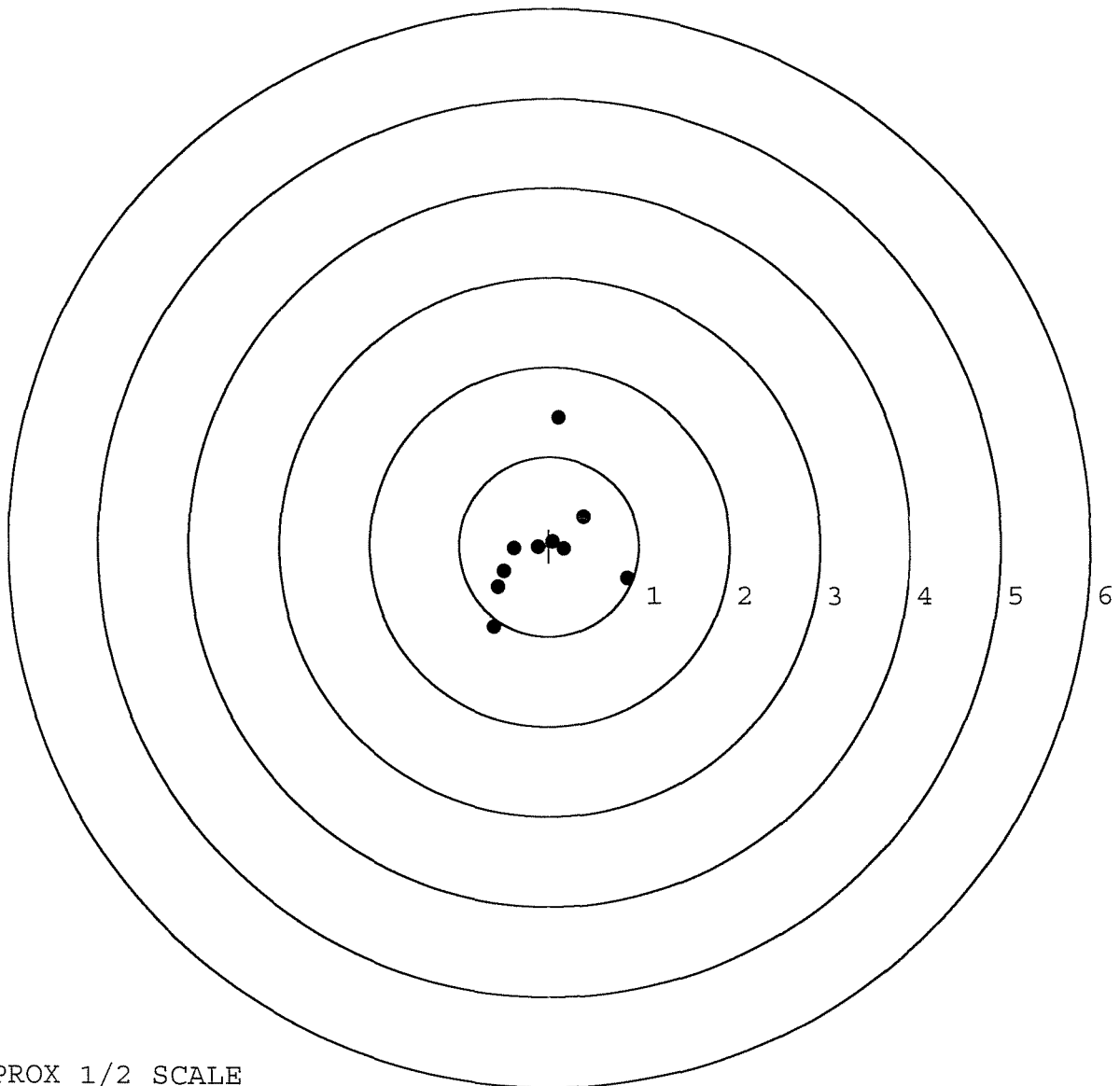
MEAN RADIUS: 0.600

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.869	-0.366
2:	0.391	0.333
3:	0.108	1.439
4:	-0.612	-0.895
5:	-0.572	-0.459
6:	-0.504	-0.285
7:	-0.391	-0.027
8:	-0.120	-0.019
9:	0.042	0.051
10:	0.170	-0.037



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225493. __0

TARGET NUMBER: 4

FILE DATE: 04/28/2004

FILE TIME: 06:19

X CENTROID: -0.224

Y CENTROID: -0.193

POA TO CENTROID: 0.296

HORZ SPREAD: 1.724

VERT SPREAD: 1.691

GROUP SPREAD: 2.198

MIN RADIUS: 0.144

MAX RADIUS: 1.246

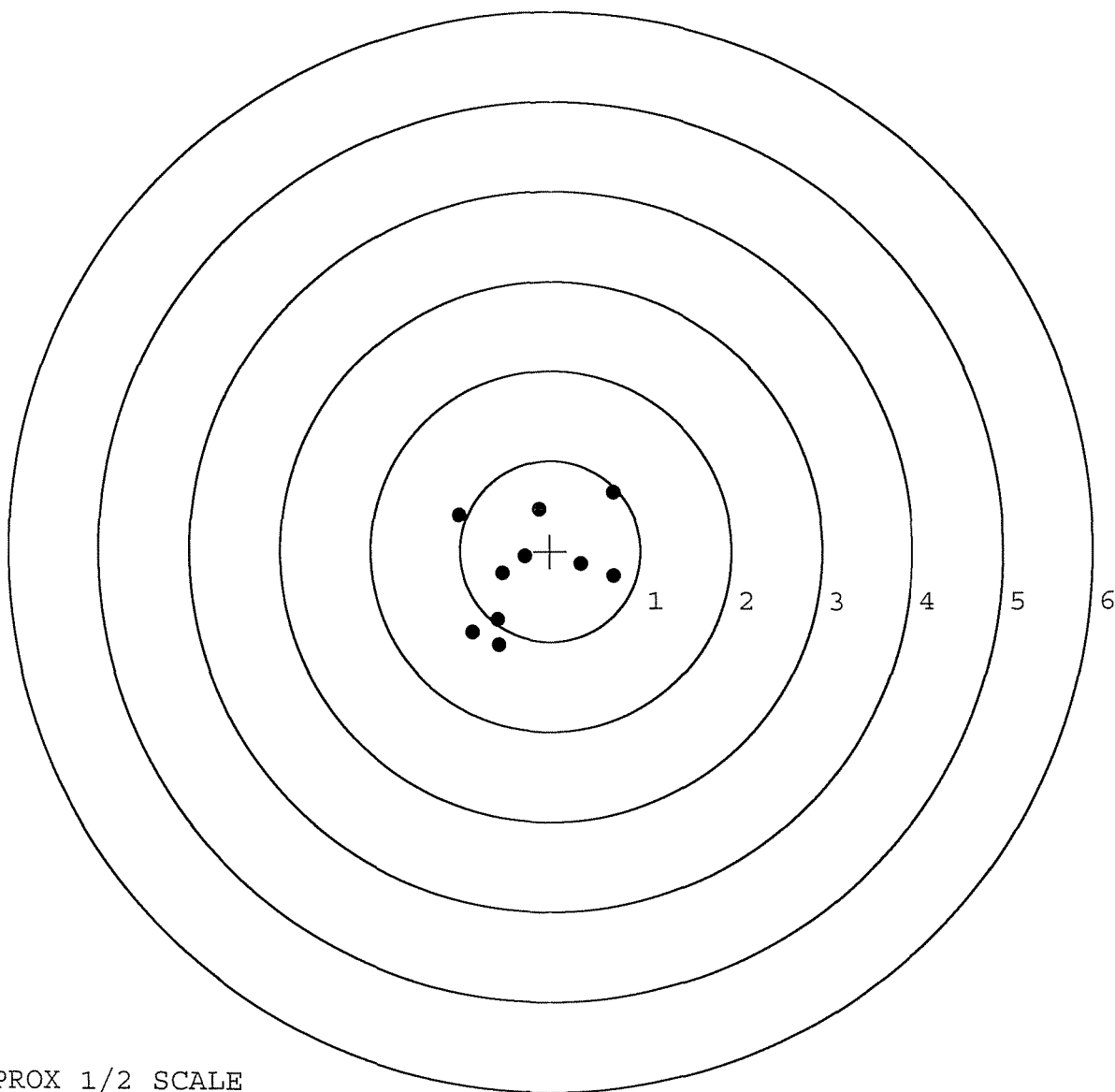
MEAN RADIUS: 0.740

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.695	0.648
2:	0.706	-0.276
3:	0.341	-0.146
4:	-0.571	-1.043
5:	-0.866	-0.900
6:	-0.583	-0.760
7:	-0.531	-0.250
8:	-0.286	-0.063
9:	-0.128	0.463
10:	-1.018	0.395

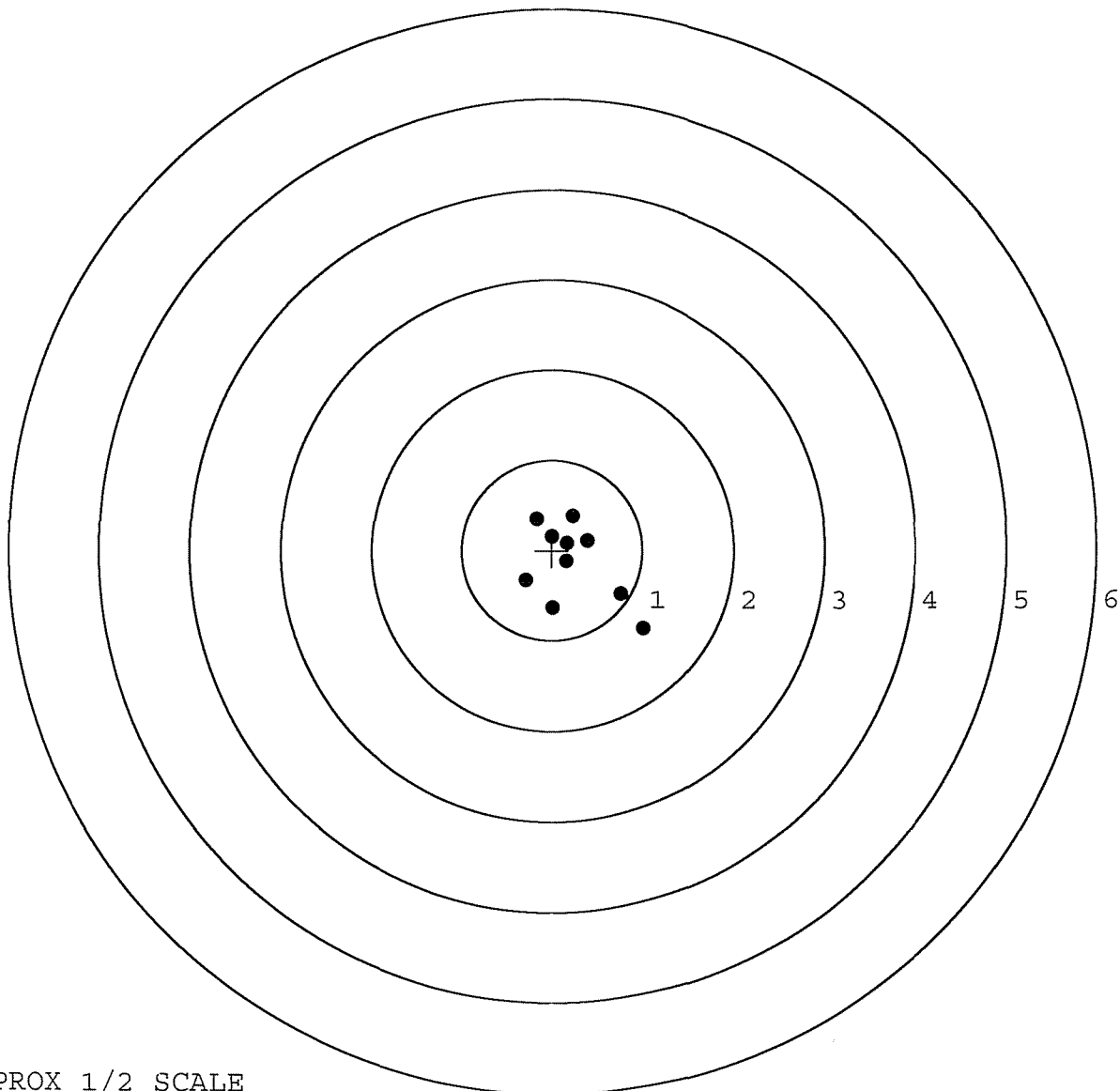


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225493. 0
 TARGET NUMBER: 5
 FILE DATE: 04/28/2004
 FILE TIME: 06:19

X CENTROID: 0.228
 Y CENTROID: -0.138
 POA TO CENTROID: 0.266
 HORZ SPREAD: 1.303
 VERT SPREAD: 1.260
 GROUP SPREAD: 1.705
 MIN RADIUS: 0.067
 MAX RADIUS: 1.075
 MEAN RADIUS: 0.495
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.010	-0.875
2:	0.761	-0.489
3:	0.007	-0.643
4:	-0.293	-0.339
5:	0.163	-0.123
6:	0.399	0.111
7:	0.228	0.385
8:	-0.174	0.352
9:	0.006	0.158
10:	0.172	0.083



TARGET APPROX 1/2 SCALE

1. TOTAL PRICE										2. SHIP FROM B Co 1/7TH SFG(A) FT BRAGG North Carolina 28310										3. SHIP TO Remington Arms 14 Hoefler Ave. Ilion, New York																																							
UNIT PRICE										DOLLARS										CTS																																							
DOLLARS										CTS																																																	
5 1 4 5										0 0										2 5 7 2 5										0 0																													
4. MARK FOR																																																											
5. DOC DATE										6. NMFC										7. FRT RATE										8. TYPE CARGO										9. PS																			
10. QTY. REC'D										11. UP										12. UNIT WEIGHT										13. UNIT CUBE										14. UFC										15. SL									
16. FREIGHT CLASSIFICATION NOMENCLATURE																																																											
17. ITEM NOMENCLATURE RIFLE, 7.62MM , SNIP-M24																																																											
18. TY CONT										19. NO CONT										20. TOTAL WEIGHT										21. TOTAL CUBE																													
22. RECEIVED BY																														23. DATE RECEIVED																													

24. DOCUMENT NUMBER
& SUFFIX (30-44)

25. NATIONAL
STOCK NO. &
ADD (8-22)

26. RIG (4-6)
UT (23-24)
QTY (28-29)
CON CODE (71)
DIST (55-56)
UP (74-80)

27. ADDRESS DATA

28. RELEASE/RECEIPT DOCUMENT

W36QZX

WHOZBO 40912023

R95387

1005-01-240-2136

UIC: WHOZBO

DODAC: W36QZX

POC : SSG CERVANTES (910-432-3531)

910-432-5581

SSG ARNDT

910-432-2954

S/N: C6225497 , C6225513 , C6225576 , C6225597 , C6225601

For $T/2$

2025 RELEASE/RECEIPT DOCUMENT

For P/O 2 APR 04

SERIAL # C 6225493

INSPECTED BY: RTZ

DATE REC'D: 4-2-04

DATE RET'D: 4-28-04

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:

R & E NUMBER	79568		
SERIAL NUMBER	C6225493		E
LOG-IN DATE	4-2-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	4-5-04	RTL
560 A	RE-BARREL	4-6-04	RTL
B	DRILL AND TAP		
575	ASSEMBLE	4-6-04	RTL
600	PROOF	4-12-04	RTL
605	CHECK HEADSPACE	4-12-04	RTL
610	DIS-ASSEMBLE GUN	4-13-04	RTL
612	MAGNAFLUX		BS
615	ROLLMARK CALIBER	4-13-04	RTL
618	ROTO-BLAST	4/14/04	DG
620	APPLY COATINGS	4-16	TH
625 A	FINAL ASSEMBLY	4-20-04	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	4-28-04	AE
655	FINAL INSPECT	4-28-04	RTL
660	PACK	4-28-04	DA
		SHIP DATE	
	QAR INSPECTION DATE		

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: RE00027156
Serial: C6225493 Model 700 Center Fire Caliber: 7.62 NATO M-24 (SWS)

Repairman:
Status: Closed 5/4/01 8:00:28 AM

Address Information

Customer:
Name: COMMANDER
Address 1: 1ST BN 7TH SFG (A)
Address 2: ATTN: AOSO SFB F S4
City: FT BRAGG
State: NC Zip Code: 28310 Country: US

Received From:
Return To: COMMANDER
Address 1: 1ST BN 7TH SFG (A)
Address 2: ATTN: AOSO SFB F S4
City: FT BRAGG
State: NC Zip Code: 28310 Country: US

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
A007	With Stud	1
A010	Hard Case	1
A016	Scope Mounts	1
A017	Scope Base	1
A026	Scope & CAPS	1
X	BIPOD	1

Repair Search

Refresh

Close

Start

In...

N...

Me...

A...

Ex...

C...

Fr...

Me...

S...

5/4/01

9:51 AM

CAPS

NUM

INS

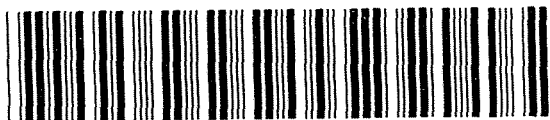
SCAL

9:51 AM

Number:

C6225493

Model: 700



RE00027156

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

R & E NUMBER

RE00027156

SERIAL NUMBER

C-6225493

LOG-IN DATE

5-4-01

INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	<i>5-7-01</i>	<i>CK</i>
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	<i>5-7-01</i>	<i>CK</i>
605	CHECK HEADSPACE	<i>5-7-01</i>	<i>CK</i>
610	DIS-ASSEMBLE GUN		
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	<i>5-16-01</i>	<i>BL</i>
655	FINAL INSPECT	<i>5-16-01</i>	<i>BL</i>
660	PACK	<i>5-16-01</i>	<i>D.A</i>
		SHIP DATE	
		QAR INSPECTION DATE	

Final Inspection

Sn: C-6225493 DATE REC'D: 5-4-01 DATE RET'D: 5-16-01

Auditor:

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: _____

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225493
16 May 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.064
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1766
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .187839

THE AMR FOR THIS RIFLE IS: 1.161

CENTROIDAL DISTANCES

0	TO	1	.430744
1	TO	2	.343804
1	TO	3	.503543
1	TO	4	.470473
1	TO	5	.163012

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

PATTERN #: ☐ 1 ☐

POA TO CENTROID: .431

MIN RADIUS : .111

MEAN RADIUS : .933

MAX RADIUS : 2.346

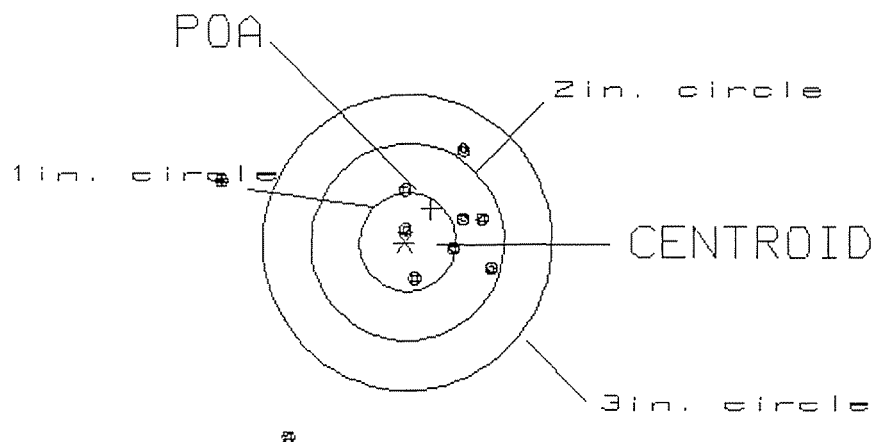
CENTROID X : -.272

CENTROID Y : -.334

16 May 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225493

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.83

3

VS= 2.93

7

GS= 3.42

8

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

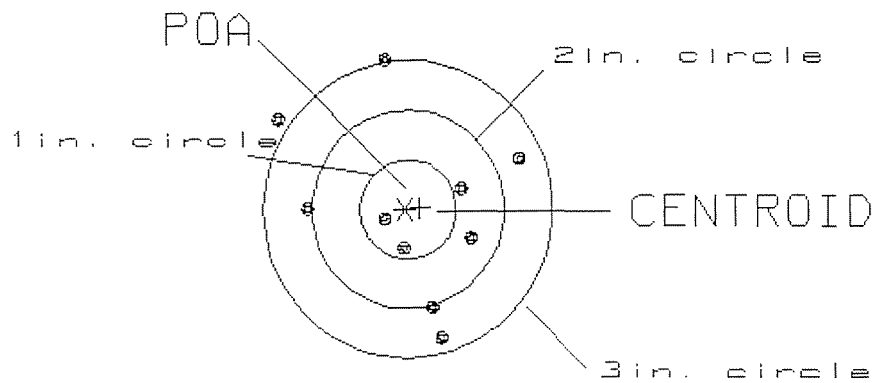
PATTERN #: 2

POA TO CENTROID: .157
 MIN RADIUS : .300
 MEAN RADIUS : .972
 MAX RADIUS : 1.633
 CENTROID X : -.157
 CENTROID Y : -.010

16 May 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225493

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.47

2

VS= 2.86

4

GS= 2.92

8

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 3 ☐

POA TO CENTROID: .308

MIN RADIUS : .540

MEAN RADIUS : 1.242

MAX RADIUS : 2.125

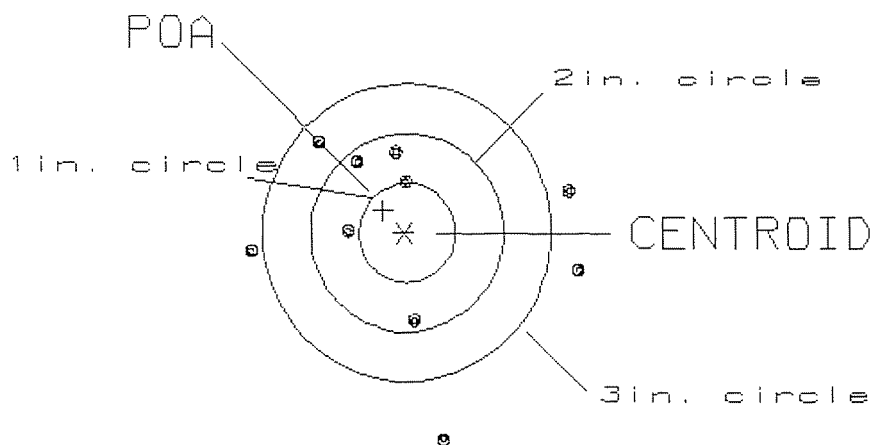
CENTROID X : .218

CENTROID Y : -.218

16 May 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225493

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.44

0

VS= 3.06

5

GS= 3.45

6

REMINGTON CENTERFIRE ACCURACY TEST

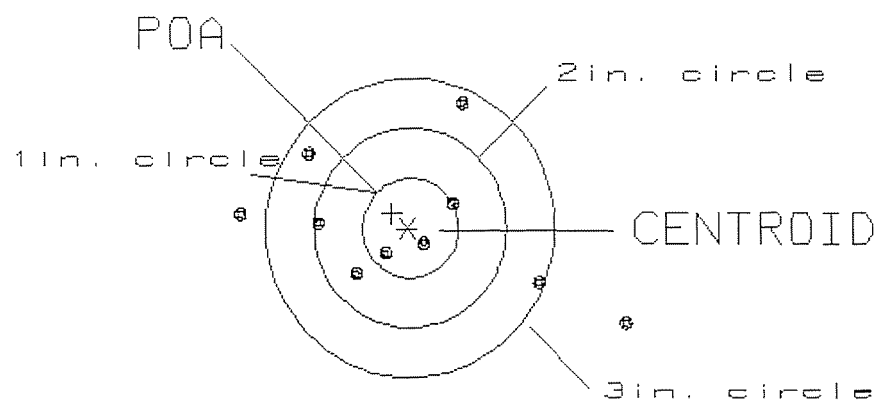
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 4
 POA TO CENTROID: .220
 MIN RADIUS : .188
 MEAN RADIUS : 1.088
 MAX RADIUS : 2.406
 CENTROID X : .161
 CENTROID Y : -.150

16 May 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225493

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.93

3

VS= 2.24

5

GS= 4.08

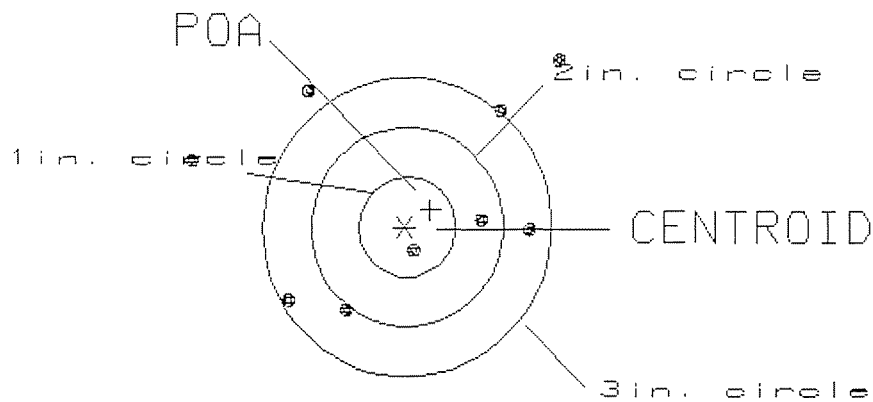
8

PATTERN #: 5
 POA TO CENTROID: .319
 MIN RADIUS : .295
 MEAN RADIUS : 1.572
 MAX RADIUS : 3.089
 CENTROID X : -.270
 CENTROID Y : -.171

16 May 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225493

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.81
 VS= 4.68
 GS= 4.82

1
 2
 5

Remington®



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

MODEL 700™ M24

SERIAL NO.

C6225493

ORDER NO.

5716

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

20



5716 C6225493

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6225493

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	12 9	88	RW
600	Proof	12 9	88	RW
607	Check Headspace	12 9	88	RW
610	Dis-assemble Gun	12 9	88	RW
612	Magnaflux Barrel Action		12 22 88	Pfc.
	Magnaflux Bolt		1-3-89	Pfc.
615	Rollmark Caliber		13/22/88	MARC
617	Drill and Tap Sight Holes	1 3	89	FB
618	Polish Barrel	12 2	88	WJP
620	Apply Coatings (Barrel Action)		1-12-89	ISA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		1/23/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/23/89	RW
	C) Inspect Ejector Hole for Chamfer		1/23/89	RW
	D) Oil Firing Pin Ass'y		1/23/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		23 Jan 89	RW

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			24 Jan 89	JS
	G) Safety Off Force	3	3	3			24 Jan 89	JS
	H) Trigger Pull Test & Retainability						23 Jan 89	JS
	I) Firing Pin Indent	.0018	.002	.0015			24 Jan 89	JS
	J) Assemble Stock						2/2/89	RW
	K) Assemble Swivel Studs						7 Feb 89	JS
	L) Attach Front and Rear Sight Assemblies						2/2/89	RW
	M) Iron Sight Alignment						2/2/89	RW
	N) Detach Front & Rear Sights & place in numbered container						2/2/89	RW
	O) Attach Scope to Rifle						1/13	RW
	P) Detach & Attach Scope 20 Times						3 Feb 89	JS
640	Gallery Target & Test	47 R	105 L				2/6/89	DAH
	A) Time						2/6/89	DAH
	B) Malfunctions						2/6/89	DAH
	C) Pierced Primers						2/6/89	DAH
	D) Optical Clarity of Scope						2/6/89	DAH
645	Inspect for Live Ammo						2/6/89	DAH
655	Final Inspection							
	A) Headspace						7 Feb 89	JS
	B) Trigger Pull	2.30	2.39	2.29	2.40	2.24	7 Feb 89	JS
	C) Function						7 Feb 89	JS
660	Pack						27 Mar 89	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. B6896620DATE 15 June 89

TESTER _____

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.37	2.19	2.27	2.24	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.31	2.19	2.29	2.30	
PULL #3	2.32	2.19	2.29	2.35	
PULL #4	2.34	2.18	2.26	2.33	
PULL #5	2.32	2.22	2.24	2.33	
TOTAL	11.66	10.97	11.40	11.55	
AVG.	2.332	2.194	2.28	2.31	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.35	3.24		
PULL #2	3.21	3.31		
PULL #3	3.30	3.34		
PULL #4	3.36	3.30		
PULL #5	3.27	3.34		
TOTAL	16.49	16.53		
AVG.	3.298	3.306		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.37	4.49		4.25
PULL #2	4.55	4.43		4.14
PULL #3	4.49	4.46		4.29
PULL #4	4.62	4.45		4.32
PULL #5	4.54	4.52		4.46
TOTAL	22.57	22.35		21.46
AVG.	4.514	4.47		4.292

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225493
10 Feb 1989

CENTROIDAL DISTANCES

0 TO	1	.430153
1 TO	2	.361836
1 TO	3	.523689
1 TO	4	1.00063
1 TO	5	1.00975

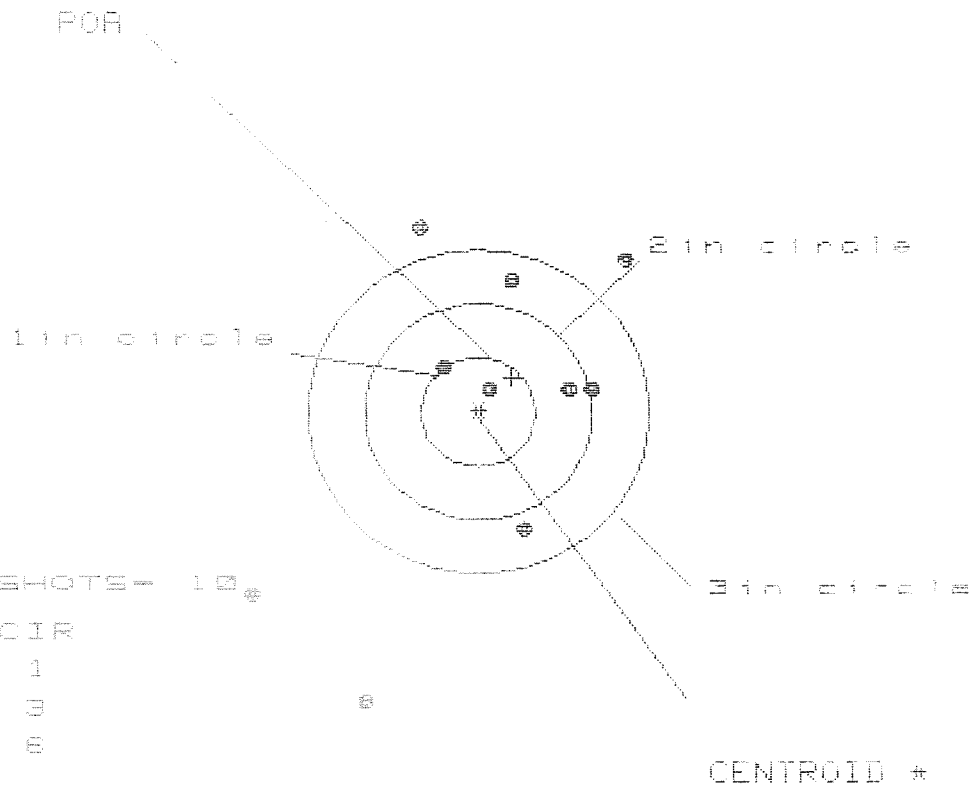
5
4 <----POA
1
2 4

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1404
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2254
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .265551
THE AMR FOR THIS RIFLE IS: .9312

6 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225493

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 3

3 in = 6

HS = 3.857

VS = 4.307

GS = 4.652

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.328	1.217	.948
MINIMUM X	-2.039	-2.150	-.858
MAXIMUM Y	1.670	1.377	1.131
MINIMUM Y	-2.637	-1.975	-1.588
CENTROID X	-.294	-.183	.086
CENTROID Y	-.314	-.021	.225
POR TO CENTROID in.	.431	.184	.241
MIN RADIUS	.219	.099	.462
MEAN RADIUS	1.404	1.160	.913
MAX RADIUS	2.820	2.919	1.589
HORIZONTAL SPREAD	3.367	3.367	1.806
VERTICAL SPREAD	4.307	3.352	2.719
EXTREME SPREAD	4.652	4.557	2.841
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	6		

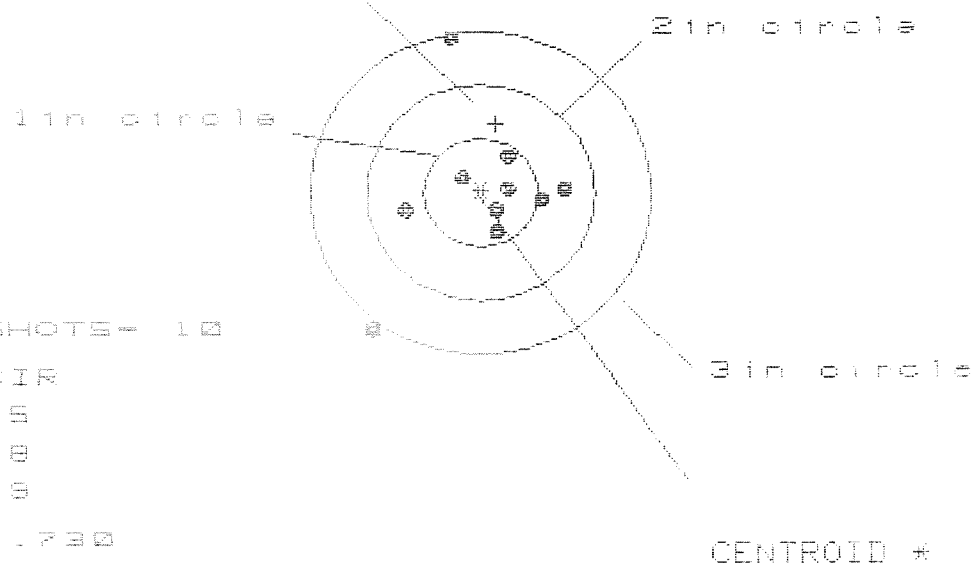
6 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225493

CENTERFIRE PATTERNS

2

FOR



OF SHOTS= 10

IN CIR

1in = 5

2in = 8

3in = 9

HS= 1.730

VS= 2.676

GS= 2.772

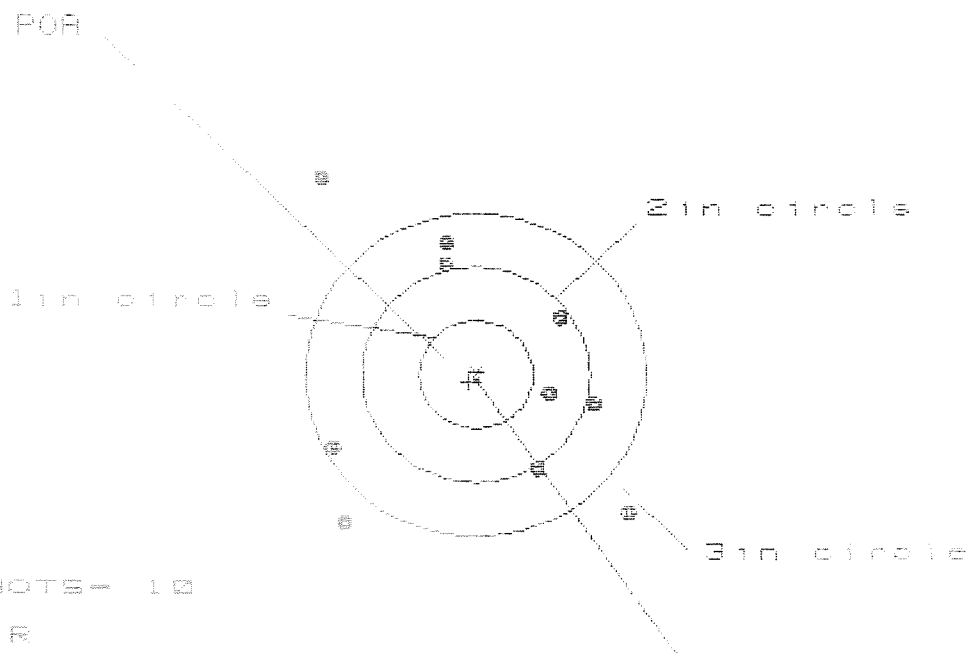
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.771	.664	.622
MINIMUM X	-.959	-.809	-.851
MAXIMUM Y	1.447	1.311	.362
MINIMUM Y	-1.229	-.469	-.305
CENTROID X	-.137	-.030	.012
CENTROID Y	-.640	-.504	-.668
FOR TO CENTROID in.	.655	.505	.668
MIN RADIUS	.212	.130	.124
MEAN RADIUS	.653	.536	.399
MAX RADIUS	1.559	1.355	.869
HORIZONTAL SPREAD	1.730	1.473	1.473
VERTICAL SPREAD	2.676	1.780	.667
EXTREME SPREAD	2.772	1.813	1.487
NUMBER IN ONE INCH CIRCLE	=	5	
NUMBER IN TWO INCH CIRCLE	=	8	
NUMBER IN THREE INCH CIRCLE	=	9	

6 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225493

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 0

2in = 3

3in = 7

HS= 2.674

VS= 3.224

GS= 4.081

CENTROID #

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.332	1.193	.990
MINIMUM X	-1.342	-1.416	-1.268
MAXIMUM Y	1.812	1.445	1.311
MINIMUM Y	-1.412	-1.210	-1.344
CENTROID X	.061	.210	.062
CENTROID Y	.071	-.131	.003
POA TO CENTROID in.	.093	.247	.052
MIN RADIUS	.646	.482	.633
MEAN RADIUS	1.328	1.186	1.148
MAX RADIUS	2.255	1.761	1.757
HORIZONTAL SPREAD	2.674	2.599	2.258
VERTICAL SPREAD	3.224	2.655	2.655
EXTREME SPREAD	4.081	2.959	2.804
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	7		

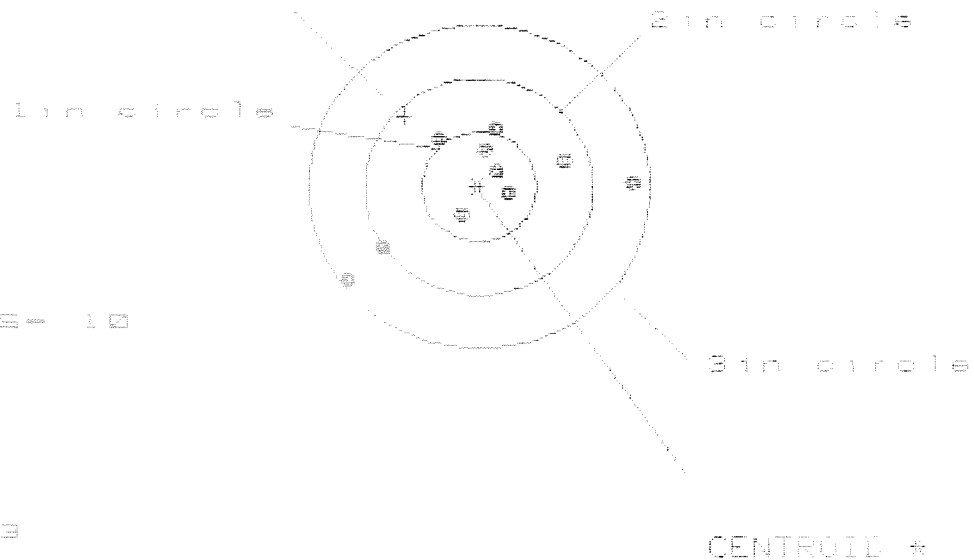
8 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06285493

CENTERFIRE PATTERNS

4

POB



OF SHOTS= 10

IN CIR

1 in = 4

2 in = 7

3 in = 10

HS= 2.503

VS= 1.340

GS= 2.653

CENTROID *

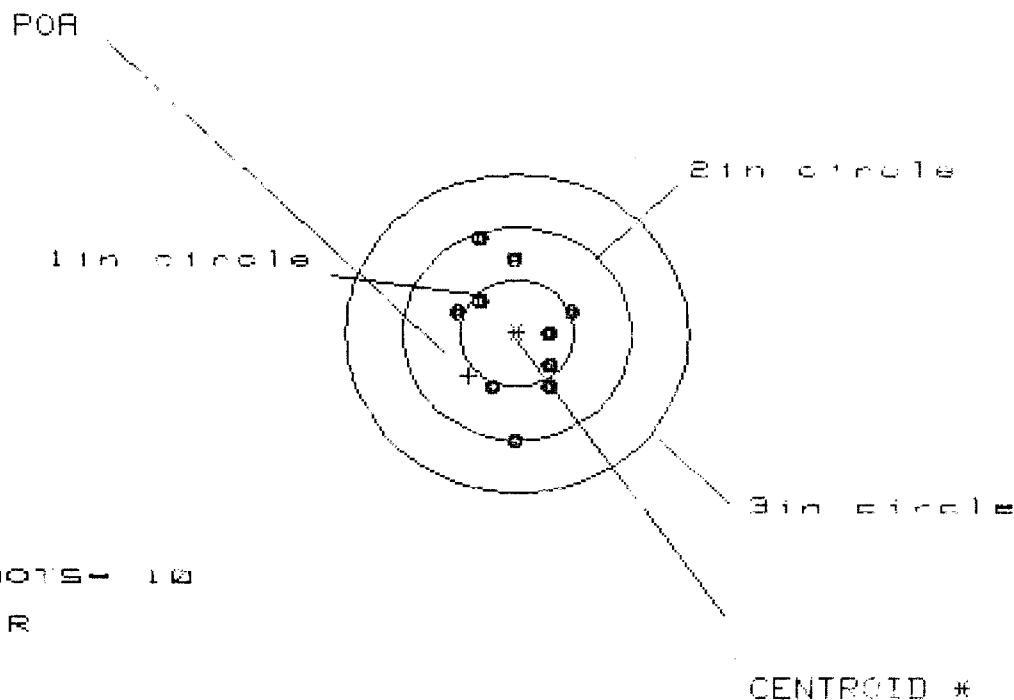
PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.318	1.186	.777
MINIMUM X	-1.185	-.989	-.841
MAXIMUM Y	.529	.439	.437
MINIMUM Y	-.811	-.652	-.654
CENTROID X	.651	.783	.635
CENTROID Y	-.643	-.553	-.551
POB TO CENTROID in.	.915	.959	.840
MIN RADIUS	.160	.045	.122
MEAN RADIUS	.672	.555	.479
MAX RADIUS	1.436	1.186	1.065
HORIZONTAL SPREAD	2.503	2.175	1.618
VERTICAL SPREAD	1.340	1.091	1.091
EXTREME SPREAD	2.653	2.265	1.799
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

6 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225493

CENTERFIRE PATTERNS

5



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 9

3 in = 10

MS= 1.026

VS= 1.883

GS= 1.918

PATTERN #	:	5	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.500	.503	.461
MINIMUM X	:	-.526	-.523	-.565
MAXIMUM Y	:	.861	.748	.695
MINIMUM Y	:	-1.022	-.584	-.491
CENTROID X	:	.421	.418	.460
CENTROID Y	:	.399	.512	.419
POA TO CENTROID in.	:	.579	.661	.622
MIN RADIUS	:	.323	.338	.283
MEAN RADIUS	:	.599	.548	.502
MAX RADIUS	:	1.022	.820	.701
HORIZONTAL SPREAD	:	1.026	1.026	1.026
VERTICAL SPREAD	:	1.883	1.332	1.186
EXTREME SPREAD	:	1.918	1.472	1.231
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	9		
NUMBER IN THREE INCH CIRCLE	=	10		

Final Inspection

Sn: C6225493 DATE REC'D: 2/25/97 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

Barrel

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO.

C6225493

LOG IN DATE: / /

DATE

INT.

INSPECT & VERIFY:

OP. #

OP. NAME

550

DIS-ASSEMBLE GUN

560 A

RE-BARREL AT CUSTOM SHOP

B

DRILL & TAP

C

POLISH

575

ASSEMBLE

600

PROOF

*3/3/99**A*

605

CHECK HEADSPACE

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

*4/2/99**A*

655

FINAL INSPECT

*4/10/99**RW*

660

PACK

QAR INSPECTION

SHIP DATE

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6225493

4 Apr 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0688

THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2278

THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .237963

THE AMR FOR THIS RIFLE IS: 1.04

CENTROIDAL DISTANCES

0 TO	1	.494228
1 TO	2	.475925
1 TO	3	.926883
1 TO	4	1.25883
1 TO	5	.849753

4 3₅ + 1<----POA
2

PATTERN #: ☐ 1 ☐

POA TO CENTROID: .495

MIN RADIUS : .072

MEAN RADIUS : 1.040

MAX RADIUS : 2.229

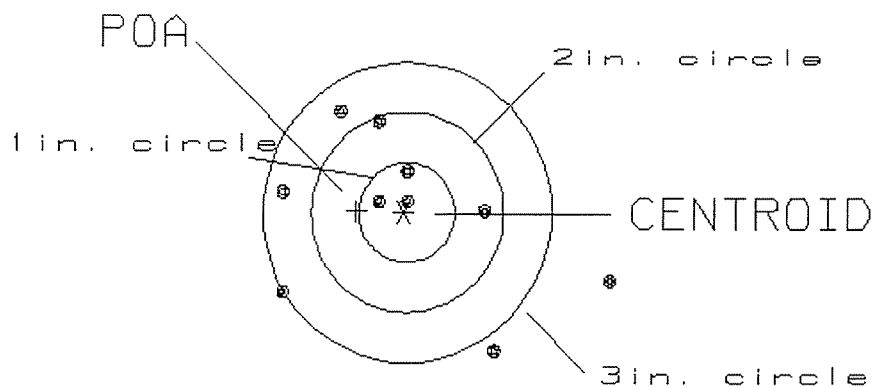
CENTROID X : .494

CENTROID Y : -.015

3 Apr 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225493

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.40

3

VS= 2.46

5

GS= 3.50

8

PATTERN #: ☐ 2 ☐

POA TO CENTROID: .796

MIN RADIUS : .252

MEAN RADIUS : 1.046

MAX RADIUS : 2.593

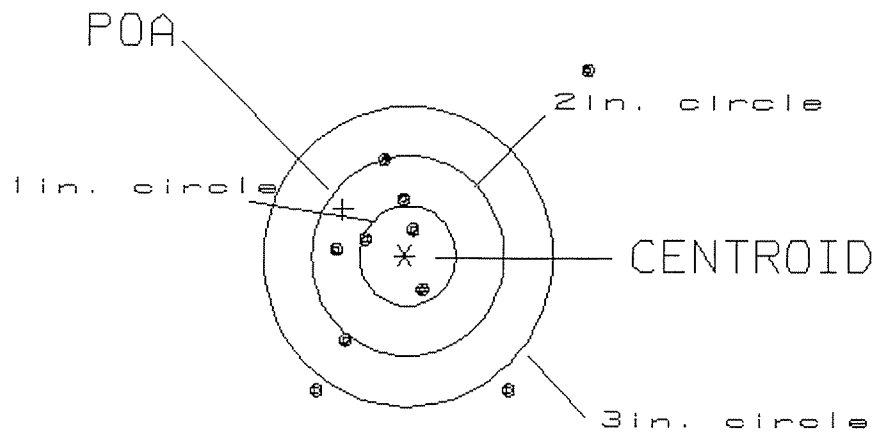
CENTROID X : .646

CENTROID Y : -.466

3 Apr 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225493

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.80

3

VS= 3.15

6

GS= 4.22

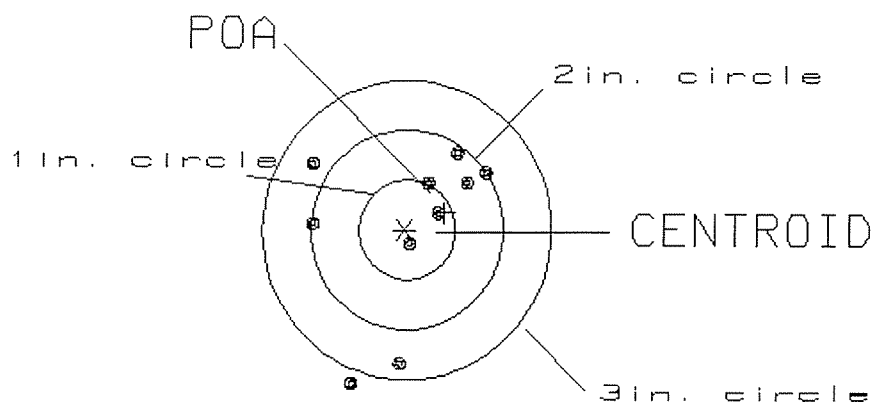
7

PATTERN #: ☐ 3 ☐
 POA TO CENTROID: .453
 MIN RADIUS : .083
 MEAN RADIUS : .882
 MAX RADIUS : 1.669
 CENTROID X : -.420
 CENTROID Y : -.169

3 Apr 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225493

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 1.85

3

VS= 2.37

7

GS= 2.57

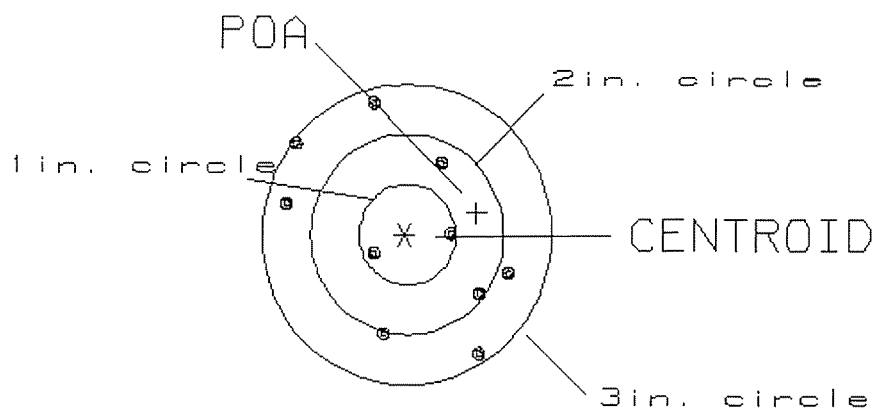
9

PATTERN #: 4
 POA TO CENTROID: .779
 MIN RADIUS : .342
 MEAN RADIUS : 1.007
 MAX RADIUS : 1.426
 CENTROID X : -.749
 CENTROID Y : -.214

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CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.30
 VS= 2.48
 GS= 2.80

2
 5
 10

PATTERN #: ☐ 5 ☐

POA TO CENTROID: .418

MIN RADIUS : .216

MEAN RADIUS : 1.225

MAX RADIUS : 2.911

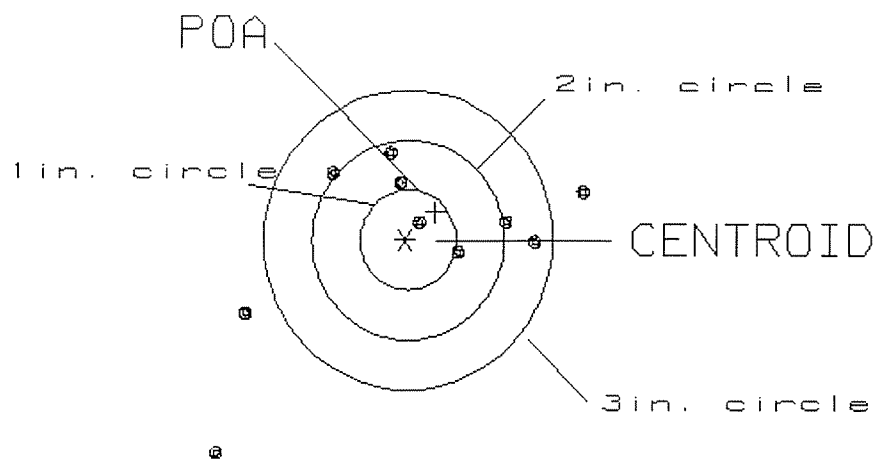
CENTROID X : -.315

CENTROID Y : -.275

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CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.76

1

VS= 3.01

4

GS= 4.57

7