

61
CE498786

MINI 7MM TM M24



RECORDS CONTROL SCHEDULE

RECORDS CATEGORY OR TITLE:

[REDACTED]

[REDACTED]

COPY "O" (OFFICIAL) ☐

"X" (EXTRA) ☒

TOTAL RETENTION:

[REDACTED]

GS-11050 Rev. 8/78

61
C6498786

11
11

MODEL 700™ M24

Model SMS™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

Repair Inquiry

Repair Number: RE00128529

Serial: C6498786 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

New 4/24/2007 7:30:12 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: SSD ARMSROOM

SSD ARMSROOM

Address 1: 8TH DESERT STORM

8TH DESERT STORM

Address 2: BLDG 5210 BAY DOOR #30

PO Box:

BLDG 5210 BAY DOOR #30

PO Box:

City: FORT CAMPBELL

FORT CAMPBELL

State: KY

Zip Code: 42223

Country: US

State: KY

Zip Code: 42223

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NN

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

4/24/2007

8:09 AM

CAPS

NUM

INS

SCRL

start

3 Mi...

5 Int...

Arms ...

Part S...

6 Mi...

2 Wi...

8:09 AM

Serial Number: C6498786

Model: M24 SWS



RE00128529

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6498786.___0
FILE DATE AND TIME: 05/31/2007 01:09

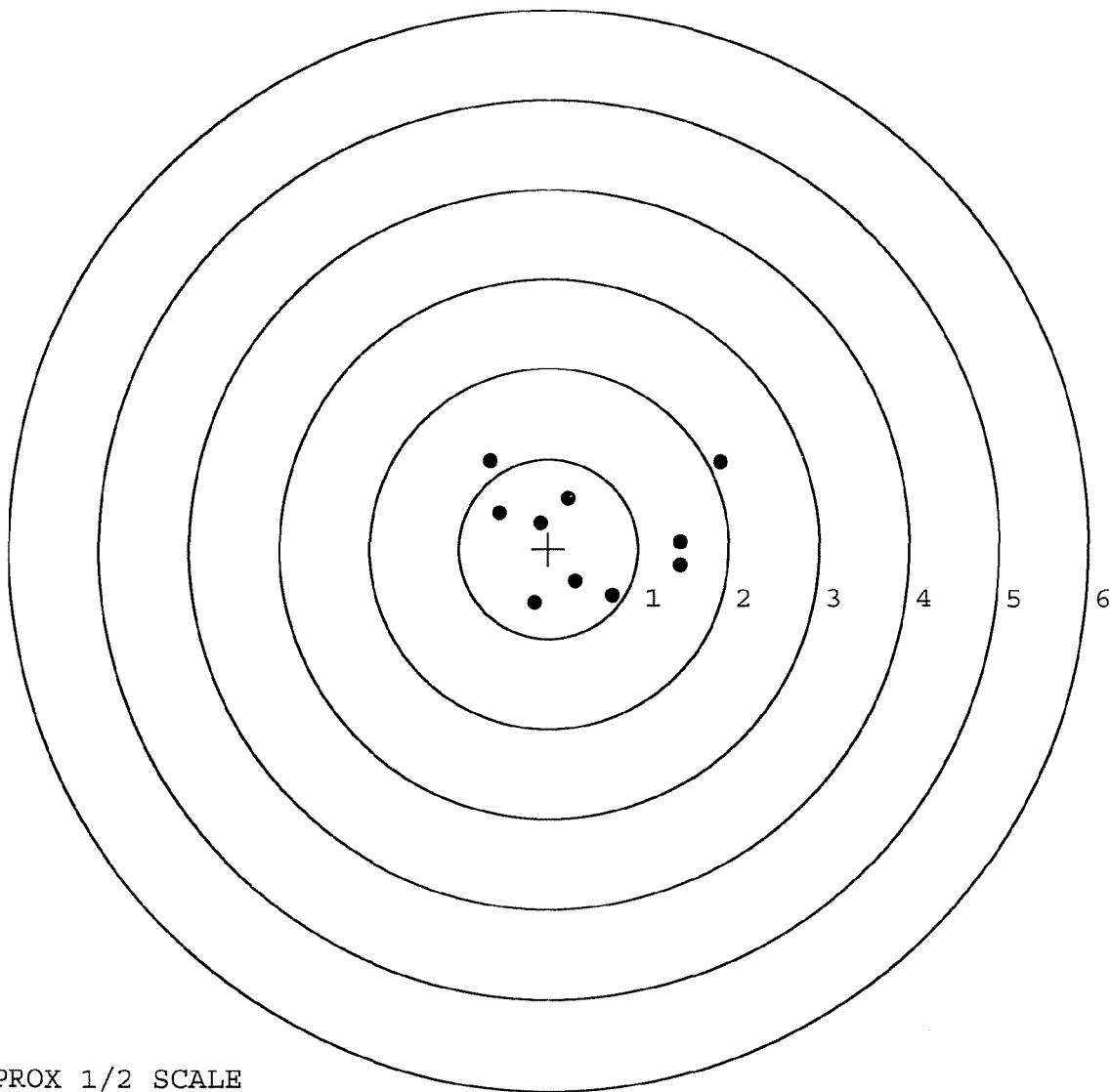
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.134
The Average Y Centroid of the Five Target Set:	0.046
The Average Point of Impact of the Five Target Set:	0.141
The Average Mean Radius of the Five Target Set:	0.659
The Distance from POA to Centroid Target #1:	0.486
The Distance from Centroid Target #2 to Centroid Target #1:	0.407
The Distance from Centroid Target #3 to Centroid Target #1:	0.417
The Distance from Centroid Target #4 to Centroid Target #1:	0.610
The Distance from Centroid Target #5 to Centroid Target #1:	0.467

SERIAL NUMBER: C6498786. __0
TARGET NUMBER: 1
FILE DATE: 05/31/2007
FILE TIME: 01:09

POINT#	X	Y
1:	-0.657	0.975
2:	-0.554	0.404
3:	-0.096	0.288
4:	0.217	0.560
5:	-0.159	-0.605
6:	0.302	-0.362
7:	0.719	-0.526
8:	1.463	-0.189
9:	1.460	0.068
10:	1.905	0.963

X CENTROID: 0.460
Y CENTROID: 0.158
POA TO CENTROID: 0.486
HORZ SPREAD: 2.562
VERT SPREAD: 1.580
GROUP SPREAD: 2.592
MIN RADIUS: 0.470
MAX RADIUS: 1.654
MEAN RADIUS: 0.944
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498786. __0

TARGET NUMBER: 2

FILE DATE: 05/31/2007

FILE TIME: 01:09

POINT#	X	Y
1:	0.382	1.217
2:	-0.084	0.720
3:	-0.725	0.356
4:	-0.260	0.146
5:	0.173	0.161
6:	0.342	-0.139
7:	0.461	-0.315
8:	0.779	-0.096
9:	-0.085	-0.324
10:	-0.448	-0.281

X CENTROID: 0.053

Y CENTROID: 0.145

POA TO CENTROID: 0.154

HORZ SPREAD: 1.504

VERT SPREAD: 1.541

GROUP SPREAD: 1.713

MIN RADIUS: 0.121

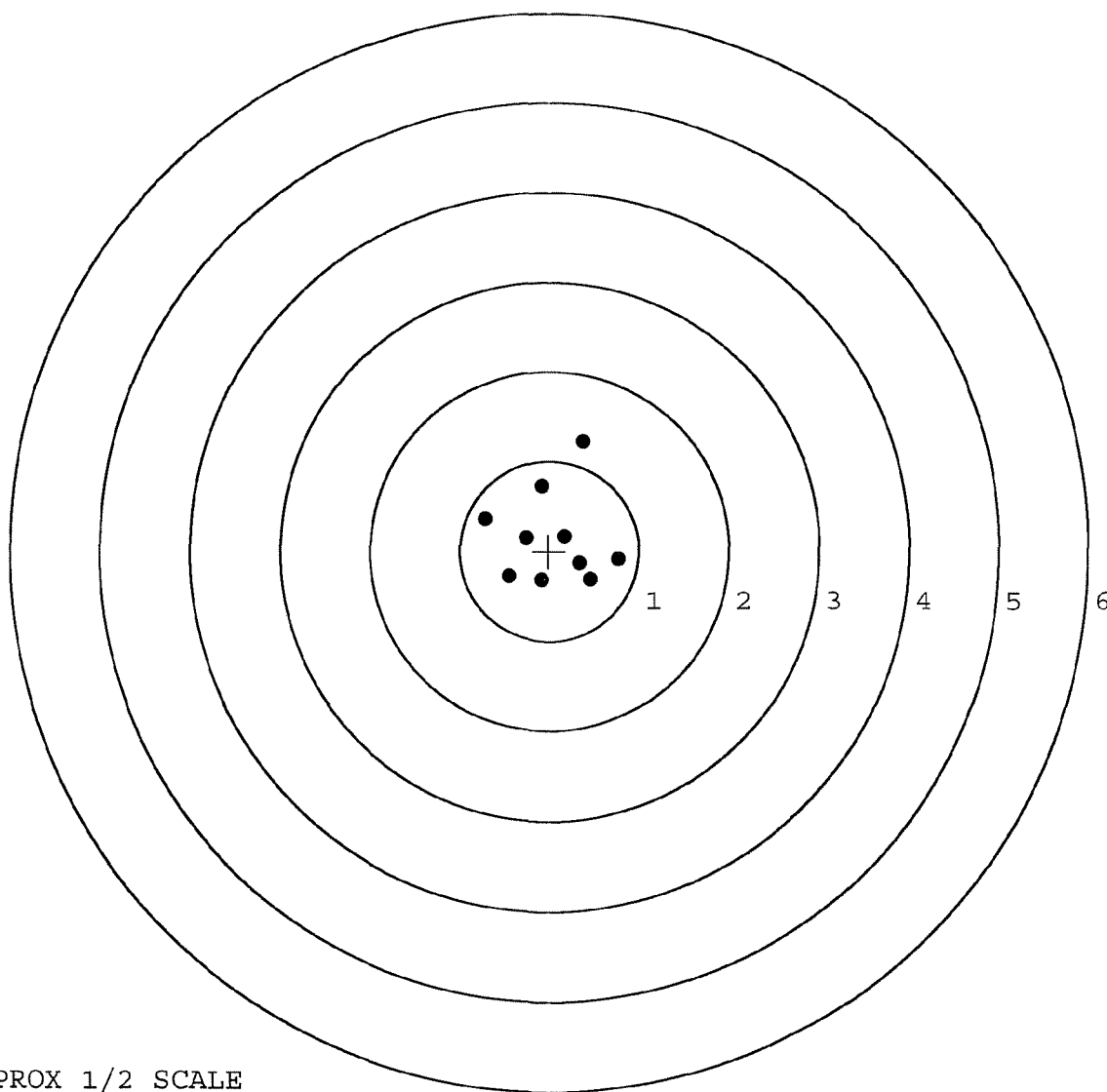
MAX RADIUS: 1.122

MEAN RADIUS: 0.588

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498786. __0

TARGET NUMBER: 3

FILE DATE: 05/31/2007

FILE TIME: 01:09

POINT#	X	Y
--------	---	---

1:	-0.414	0.192
----	--------	-------

2:	-0.773	-0.439
----	--------	--------

3:	0.285	-0.952
----	-------	--------

4:	0.739	-1.153
----	-------	--------

5:	0.199	-0.207
----	-------	--------

6:	0.125	-0.080
----	-------	--------

7:	0.420	0.288
----	-------	-------

8:	0.516	0.171
----	-------	-------

9:	0.827	0.113
----	-------	-------

10:	0.859	-0.105
-----	-------	--------

X CENTROID: 0.278

Y CENTROID: -0.217

POA TO CENTROID: 0.353

HORZ SPREAD: 1.632

VERT SPREAD: 1.441

GROUP SPREAD: 1.693

MIN RADIUS: 0.080

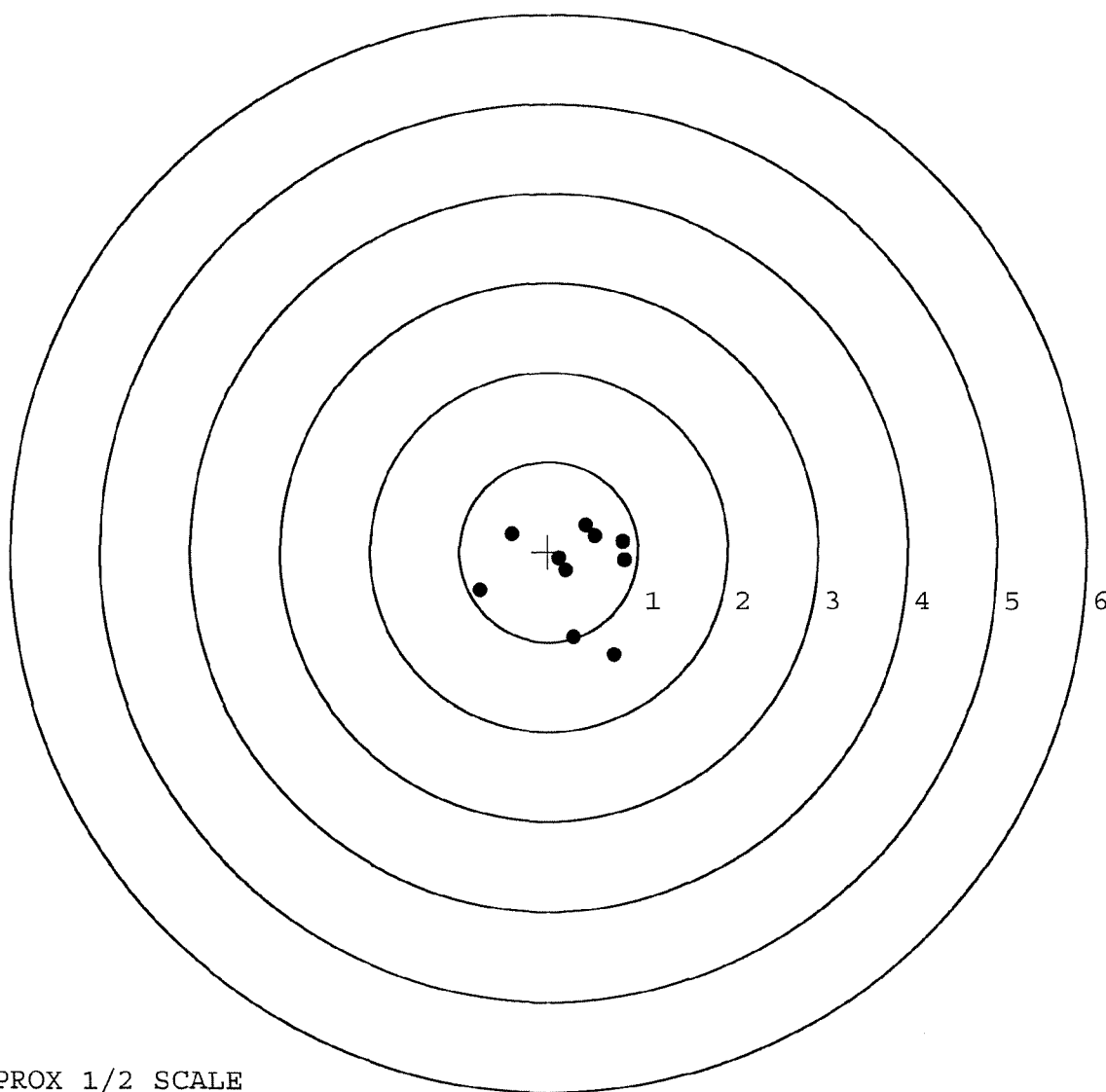
MAX RADIUS: 1.074

MEAN RADIUS: 0.615

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498786. __0

TARGET NUMBER: 4

FILE DATE: 05/31/2007

FILE TIME: 01:09

POINT#	X	Y
1:	-1.342	-0.373
2:	-0.705	-0.536
3:	-0.392	0.475
4:	0.423	0.532
5:	0.487	0.150
6:	0.382	-0.357
7:	-0.048	-0.391
8:	0.192	-0.030
9:	0.026	0.067
10:	-0.194	0.052

X CENTROID: -0.117

Y CENTROID: -0.041

POA TO CENTROID: 0.124

HORZ SPREAD: 1.829

VERT SPREAD: 1.068

GROUP SPREAD: 1.983

MIN RADIUS: 0.121

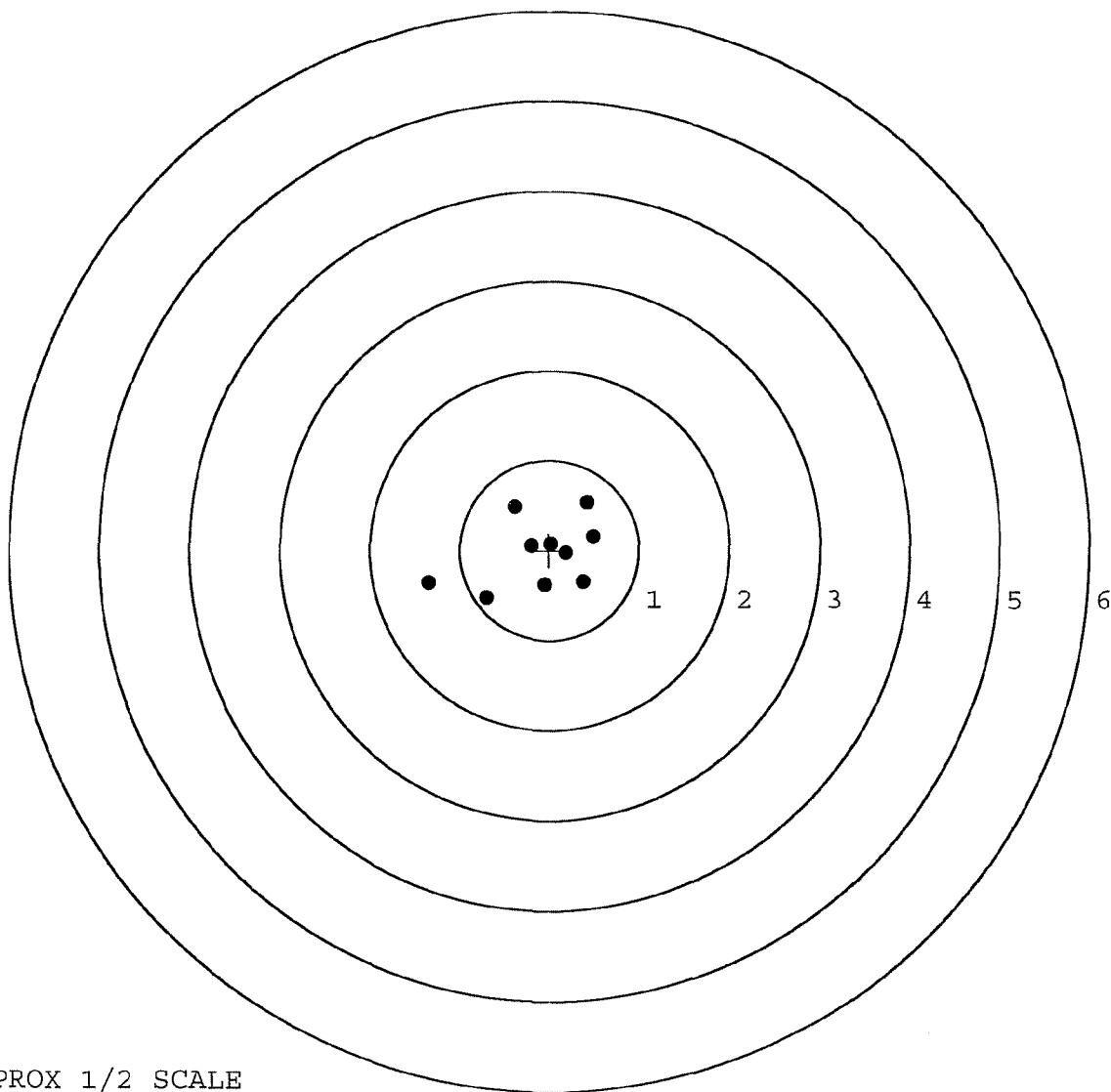
MAX RADIUS: 1.269

MEAN RADIUS: 0.560

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

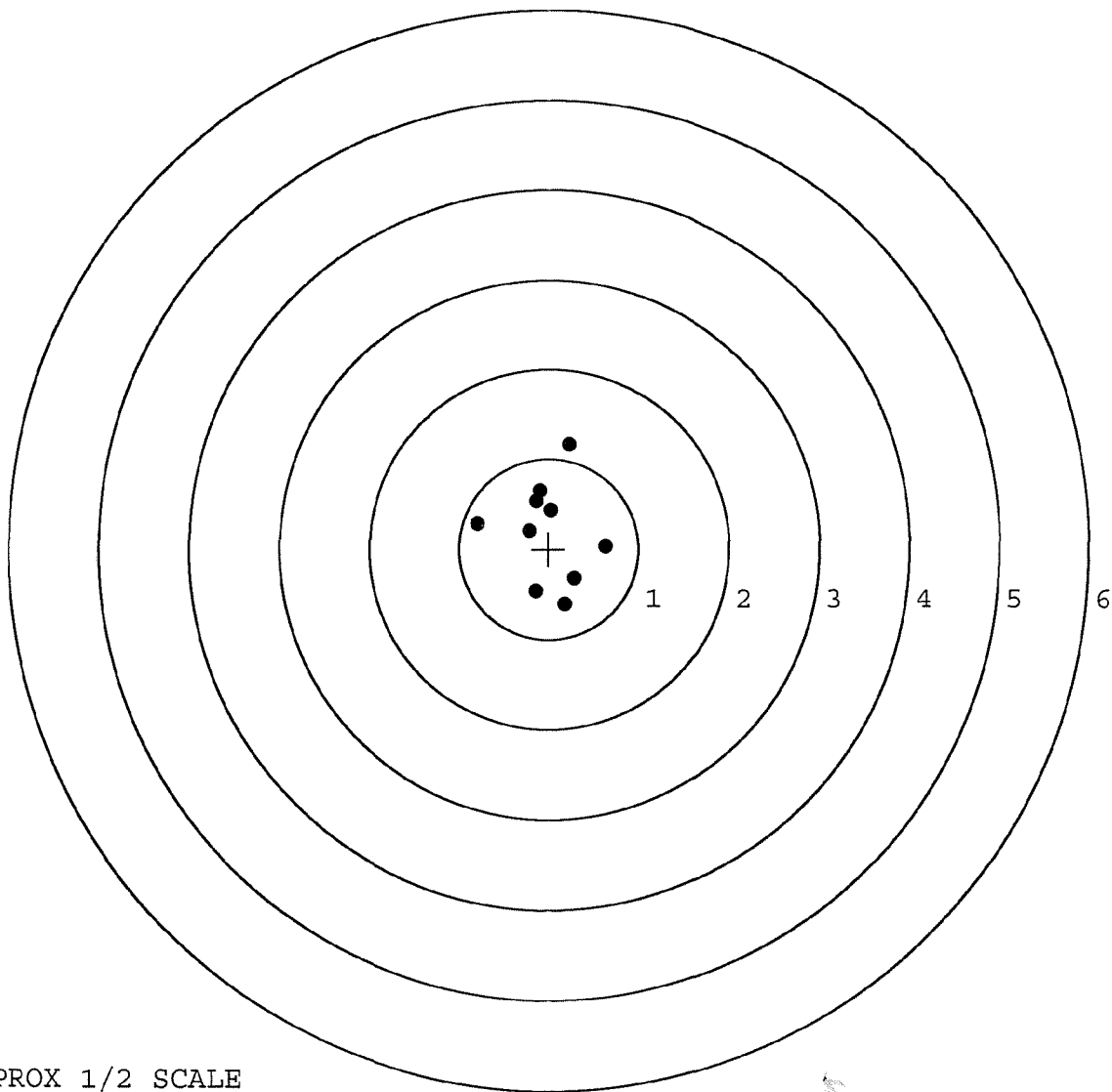


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498786. 0
TARGET NUMBER: 5
FILE DATE: 05/31/2007
FILE TIME: 01:09

POINT#	X	Y
1:	0.228	1.157
2:	-0.144	0.533
3:	0.020	0.430
4:	-0.803	0.283
5:	-0.223	0.203
6:	-0.142	-0.469
7:	0.181	-0.618
8:	0.290	-0.332
9:	0.635	0.033
10:	-0.103	0.642

X CENTROID: -0.006
Y CENTROID: 0.186
POA TO CENTROID: 0.186
HORZ SPREAD: 1.438
VERT SPREAD: 1.775
GROUP SPREAD: 1.776
MIN RADIUS: 0.218
MAX RADIUS: 0.999
MEAN RADIUS: 0.585
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

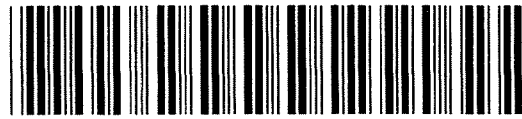
R & E NUMBER		128529	
SERIAL NUMBER		C6498786	
LOG-IN DATE		4-24-07	

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	5-16-07	RTZ
505	RE-BARREL	5-18-07	RTZ
560	ASSEMBLE	5-18-07	RTZ
600	PROOF	5-18-07	TRW
605	CHECK HEADSPACE	5-18-07	TRW
610	DIS-ASSEMBLE GUN	5-21-07	RTZ
612	MAGNAFLUX	5-21-07	unus
510	DRILL AND TAP	5-21-07	TRW
615	ROLLMARK CALIBER	5-21-07	CW
618	ROTO-BLAST	5-22-07	LB
620	APPLY COATINGS	5-24-07	W
625	FINAL ASSEMBLY	5-30-07	RTZ
640	FUNCTION TEST AND	PASS FAIL 5-30-07	TRW
650	TARGET	PASS FAIL 5-30-07	TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	5-30-07	FM
	A) HEADSPACE	PASS FAIL 6-8-07	RTZ
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS 280 2.76 2.76 282 2.89 6-1-07	DA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX 40 40 40 6-1-07	DA
	G) SAFETY OFF FORCE	2 LBS 25 25 25 6-1-07	DA
	I) FIRING PIN INDENT	.020 .024 .023 .024 6-1-07	DA
690	PACK	6-8-07	DA

Serial Number:

C6498786

Model: 700



RE00004857

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: RE00004857

Serial: C6498786 Model 700 Center Fire Caliber:
7.62 M-24 (SWS)

Repairman:

Status:

New 2/16/00 7:47:33 AM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: TRANSPORTATION OFFICER

TRANSPORTATION OFFICER

Address 1: ATTN: AFZB-DL-TO

ATTN: AFZB-DL-TO

Address 2: BLDG. 873

PO Box:

BLDG. 873

PO Box:

City: FORT CAMPBELL

FORT CAMPBELL

State: KY

Zip Code: 422231294

Country: US

State: KY

Zip Code: 422231294

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	2
A008	With Swivel	1
A010	Hard Case	1
A017	Scope Base	1

Repair Search

Refresh

Close

naglej

2/16/00

8:52 AM

CAPS

NUM

INS

SCPL



8:52 AM

BBL - 96003

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6498786
25 Apr 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2608
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2578
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .366712

THE AMR FOR THIS RIFLE IS: 1.247

CENTROIDAL DISTANCES

Ø TO	1	1.12361
1 TO	2	.226385
1 TO	3	1.32608
1 TO	4	1.12203
1 TO	5	1.28306

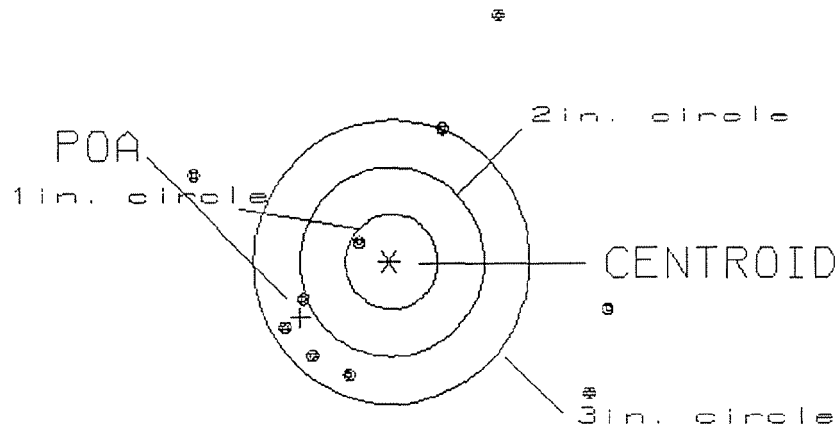
1
2
3
5
+4
-----POA

PATTERN #: ☐ 1 ☐
 POA TO CENTROID: 1.123
 MIN RADIUS : .434
 MEAN RADIUS : 1.711
 MAX RADIUS : 2.848
 CENTROID X : .955
 CENTROID Y : .592

25 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6498786

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 4.46
 VS= 3.98
 GS= 4.82

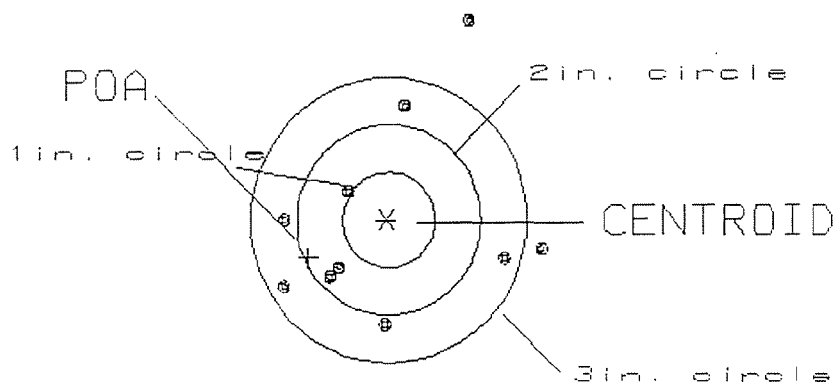
1
 1
 5

PATTERN #: 2
 POA TO CENTROID: .929
 MIN RADIUS : .536
 MEAN RADIUS : 1.227
 MAX RADIUS : 2.301
 CENTROID X : .840
 CENTROID Y : .397

25 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6498786

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.82

0

VS= 3.28

3

GS= 3.47

8

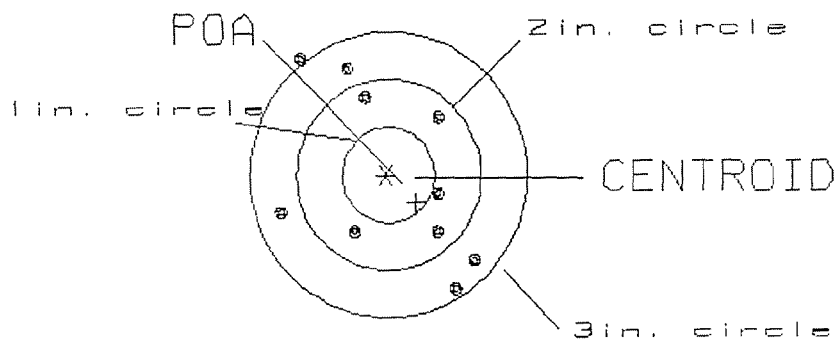
PATTERN #: 030

POA TO CENTROID: .443
 MIN RADIUS : .565
 MEAN RADIUS : 1.049
 MAX RADIUS : 1.597
 CENTROID X : -.336
 CENTROID Y : .289

25 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6490786

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.11

0

US= 2.46

5

GS= 2.98

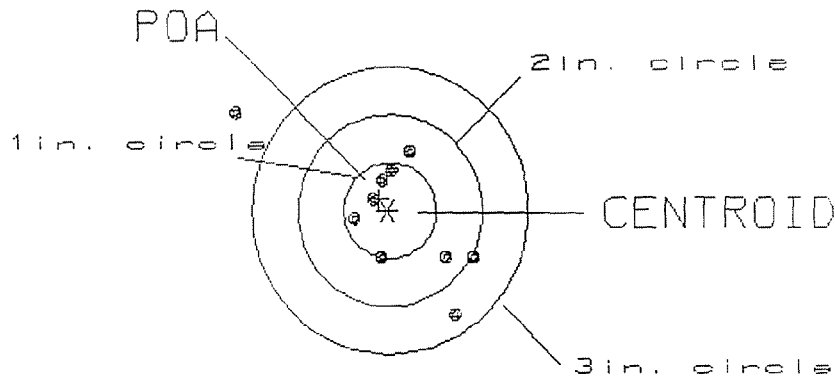
9

PATTERN #: 4
 POA TO CENTROID: .148
 MIN RADIUS : .246
 MEAN RADIUS : .769
 MAX RADIUS : 1.985
 CENTROID X : .087
 CENTROID Y : -.119

25 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6498786

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.59

5

VS= 2.08

7

GS= 3.23

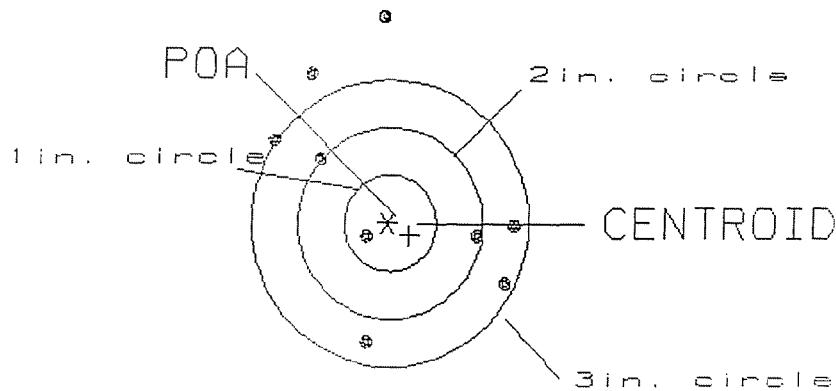
9

PATTERN #: 5
 POA TO CENTROID: .275
 MIN RADIUS : .313
 MEAN RADIUS : 1.481
 MAX RADIUS : 3.080
 CENTROID X : -.242
 CENTROID Y : .130

25 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6498786

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.58
 VS= 5.27
 GS= 5.27

1
 2
 7

Final Inspection

S.N. C6498786

DATE REC'D: 2-16-00

DATE RET'D:

AUDITOR: JW

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:

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

R & E NUMBER		0000 4857	
SERIAL NUMBER		C6498786	
LOG-IN DATE		2-16-00	
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2-18-00	RW
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	2-28-00	RW
605	CHECK HEADSPACE	2-28-00	RW
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	4-24-00	RW
655	FINAL INSPECT	4-25-00	RW
660	PACK		
		SHIP DATE	
QAR INSPECTION DATE			

94B

MAINTENANCE REQUEST				PAGE NO. <u>1</u>		NO. OF PAGES <u>1</u>		REQUIREMENTS CONTROL SYMBOL CSGLD - 1047(R1)															
For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG																							
SECTION I - EQUIPMENT DATA																							
CONTROL NUMBER		WORK ORDER NO.		WESDC		ORG. PD		PD AUTHENTICATION															
☐ Work Request ☐ MWO ☒ Warranty Claim		1A. ORGANIZATION <u>C Co 3/5 SFG</u>		B. LOCATION <u>Ft. Campbell Ky 42223</u>				C. UNIT IDENT CODE <u>WH06CO</u>															
2. SERIAL NO. <u>C6498786</u>		3. NOUN NOMENCLATURE <u>M24 Sniper Rifle 7.62</u>		4. LINE NO. <u>R95387</u>		5. MODEL		6. NATIONAL STOCK NUMBER <u>1005-01-240-2136</u>															
7A. MAINTENANCE ACTIVITY <u>IMO</u>		B. LEVEL		8. UTILIZATION CODE		9A. MCSR ITEM		9B. ERC		9C. PACING ITEM		10. HOURS		11. MILES		12. ROUNDS		13. STARTS					
14. FAILURE DETECTED DURING (Select one - use ☒ or X)												15. FIRST INDICATION OF TROUBLE (Select one - use ☒ or X)											
☐ A Sch. Main. ☐ C Test ☐ E Storage ☐ G Flight ☐ B Handling ☐ D Normal Op ☐ F Inspection ☒ H Other				☐ 068 Inoperative ☐ 258 Overheating ☐ 790 Out of Adjustment ☐ 008 Noisy ☐ 387 Low Performance ☒ Other																			
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs). <u>5,100 Rnds fired</u>																							
B. REMARKS <u>W52 H095 345 H245</u>																							
PREPARATION INSTRUCTIONS (Prior to using this form, read DA PAM 738-750 for detailed preparation instructions)																							
1. Place a "✓" or an "X" in the box for the type of action required. 2. Enter the WESDC if the item is Materiel Condition Status Reportable. 3. Enter the priority designator as determined from the urgency of need and force activity designator. 4. The Unit Commander, Chief of TDA activity or their designated representative will authenticate, by signature, a priority of 01 through 08. 5. Block 1A. Enter the name of the organization submitting the request. 6. Block 1B. Enter the unit submitting the request; units overseas enter APO only. 7. Block 1C. Enter the unit identification code of the unit in block 1A. 8. Block 2. Enter the equipment serial number. For ammunition, enter the lot number. For administrative-use vehicles, enter the USA registration number. 9. Block 3. Enter the noun abbreviation of the item. 10. Block 4. Enter the item line number, if applicable. 11. Block 5. Enter the model number. 12. Block 6. Enter the National Stock Number of the item listed in Block 3.												13. Block 7. Enter the name of the support activity. 14. Block 7A. Enter the symbol of the maintenance category (O, F, H, D, or L). 15. Block 8. Enter the utilization code. 16. Block 9A. Enter the word "yes" if the item is Materiel Condition Status Reportable. 17. Block 9B. Enter the equipment readiness code, if applicable. 18. Block 9C. Enter the word "yes" if the item is a pacing item. 19. Block 10. Enter the hour reading, if applicable. 20. Block 11. Enter the mileage from the odometer, if applicable. 21. Block 12. Enter the total rounds fired, if applicable. 22. Block 13. For turbine engines, enter the number of hot starts. 23. Block 14. Enter a "✓" or "X" in the proper block. 24. Block 15. Enter a "✓" or "X" in the proper block. 25. Block 16. Describe briefly the fault or symptoms needing correction.											
23. SUBMITTED BY <u>Tommy J. White</u> <u>[Signature]</u>												24. RECEIVED BY											
JULIAN DATE												JULIAN DATE											

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 95-30902INITIAL
JJM

CUSTOMER ORDER NO.

W/LEUPOLD 10X SCOPE

Scope 89-0872

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
12/04/95	12/05/95		C6498786		700 7.62 NATO
ACCESSORIES HARD CASE SCOPE MNTS SCOPE BASE					

FROM:

TRANSPORTATION OFFICE
FT CAMPBELL

KY 42223

SHIP TO:

TRANSPORTATION OFFICE
FT CAMPBELLKY
42223

CUST NO: 087942 C.O.D.L

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

Barrel 96003

Repowder Cont Trigger Guard
Assy Front & Rear Sight Bases
ReZinc Scope Base, Rings &
S Wive l StudsScope Sent back to Vendor
to be Checked

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
RW					
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
RW	12/21/95	1/5/96	1/8/96	1/8/96	

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400007759

Final Inspection

Sn: C6498786

DATE REC'D: 12/04/95

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: _____

New Barrel

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6498786

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		12/21/95	RW
600	Proof		12/21/95	RW
607	Check Headspace		12/21/95	RW
610	Dis-assemble Gun		12/21/95	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		1/5/96	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/5/96	RW
	C) Inspect Ejector Hole for Chamfer		1/5/96	RW
	D) Oil Firing Pin Ass'y		1/5/96	RW
	E) Adjust Trigger Pull to Min Setting and Stake			

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						1/8/96	RW
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo						1/8/96	RW
655	Final Inspection							
	A) Headspace						1/10/96	RW
	B) Trigger Pull	2.26	2.33	2.37	2.22	2.34	1/10/96	RW
	C) Function						1/10/96	RW
660	Pack							

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6498786
7 Jan 1900

CENTROIDAL DISTANCES

0 TO	1	.887054
1 TO	2	.563422
1 TO	3	.507332
1 TO	4	.722596
1 TO	5	1.19331

5
43
2 1
+ (----POA

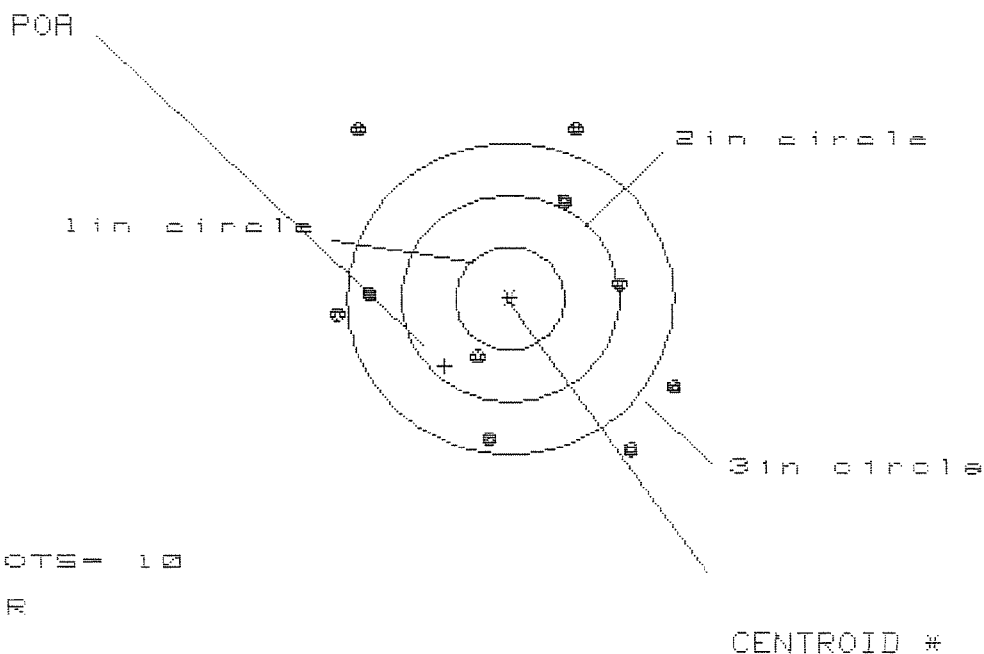
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1374
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .9778
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .987467

THE AMR FOR THIS RIFLE IS: 1.27

7 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6498786

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 1

3 in = 5

HS= 3.054

VS= 3.115

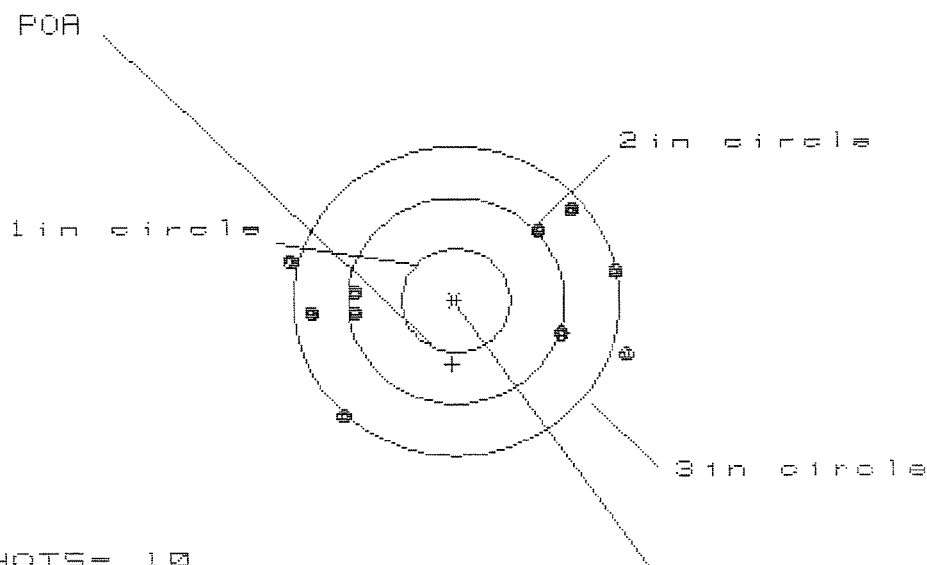
GS= 4.021

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.473	1.315	1.436
MINIMUM X	:	-1.581	-1.739	-1.618
MAXIMUM Y	:	1.630	1.775	1.612
MINIMUM Y	:	-1.485	-1.304	-1.331
CENTROID X	:	.596	.754	.633
CENTROID Y	:	.657	.476	.639
POR TO CENTROID in.	:	.887	.891	.899
MIN RADIUS	:	.636	.579	.636
MEAN RADIUS	:	1.447	1.344	1.305
MAX RADIUS	:	2.160	1.819	1.693
HORIZONTAL SPREAD	:	3.054	3.054	3.054
VERTICAL SPREAD	:	3.115	3.079	2.943
EXTREME SPREAD	:	4.021	3.140	3.140
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		1	
NUMBER IN THREE INCH CIRCLE	=		5	

7 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/CS49B786

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 3

3 in = 6

HS= 3.038

VS= 2.024

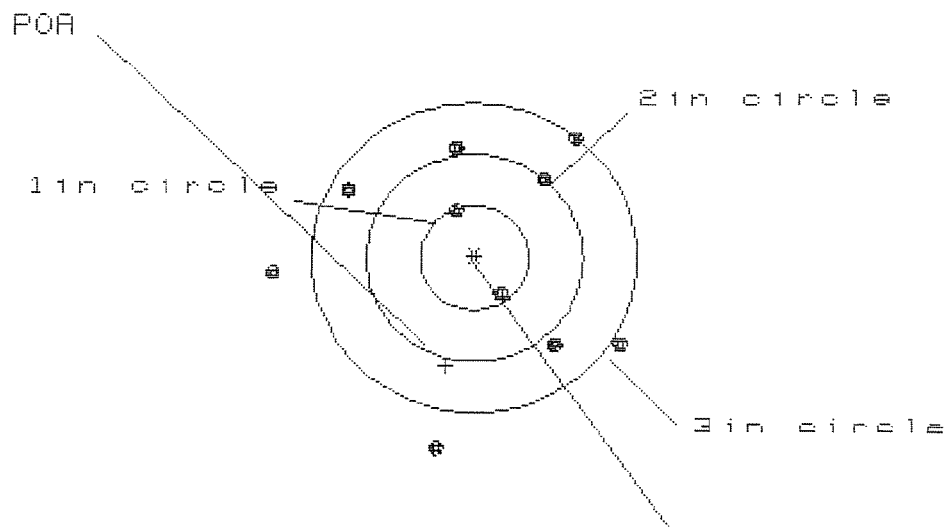
GS= 3.228

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.545	1.647	1.474
MINIMUM X	:	-1.553	-1.382	-1.365
MAXIMUM Y	:	.888	.825	.860
MINIMUM Y	:	-1.136	-1.199	-1.164
CENTROID X	:	.034	-.137	.035
CENTROID Y	:	.617	.680	.645
POA TO CENTROID in.	:	.618	.693	.646
MIN RADIUS	:	.931	.755	.929
MEAN RADIUS	:	1.300	1.241	1.220
MAX RADIUS	:	1.644	1.665	1.548
HORIZONTAL SPREAD	:	2.822	2.820	2.848
VERTICAL SPREAD	:	2.024	2.024	2.024
EXTREME SPREAD	:	3.228	3.029	2.925
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		6	

7 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6438786

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 3

3in = 7

HS= 3.205

VS= 3.049

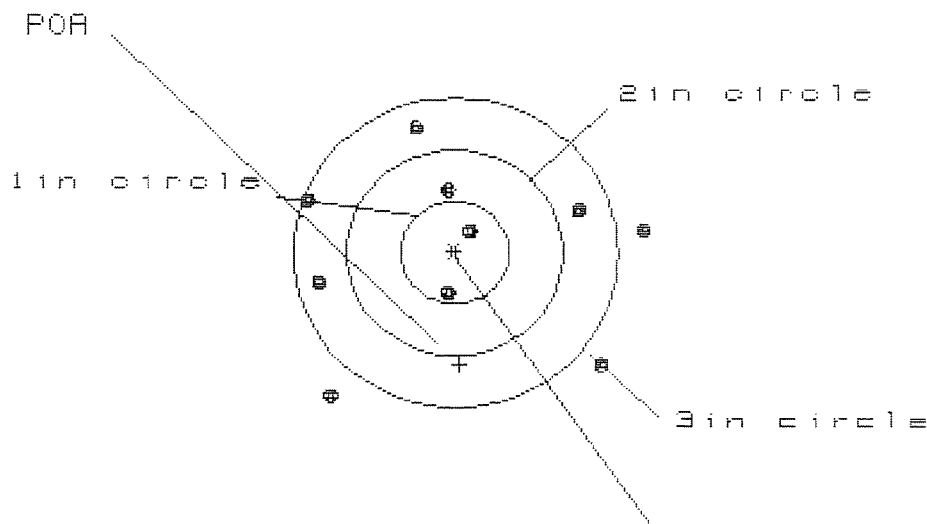
GS= 3.288

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.300	1.089	1.020
MINIMUM X	:	-1.905	-1.415	-1.484
MAXIMUM Y	:	1.171	1.153	.916
MINIMUM Y	:	-1.879	-1.896	-1.082
CENTROID X	:	.261	.472	.541
CENTROID Y	:	1.038	1.055	1.292
POA TO CENTROID in.	:	1.070	1.156	1.401
MIN RADIUS	:	.440	.404	.450
MEAN RADIUS	:	1.224	1.124	.990
MAX RADIUS	:	1.911	1.974	1.528
HORIZONTAL SPREAD	:	3.205	2.504	2.504
VERTICAL SPREAD	:	3.049	3.049	1.998
EXTREME SPREAD	:	3.288	3.288	2.878
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	

7 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8498786

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 3

3 in = 6

HS= 3.128

VS= 2.548

GS= 3.293

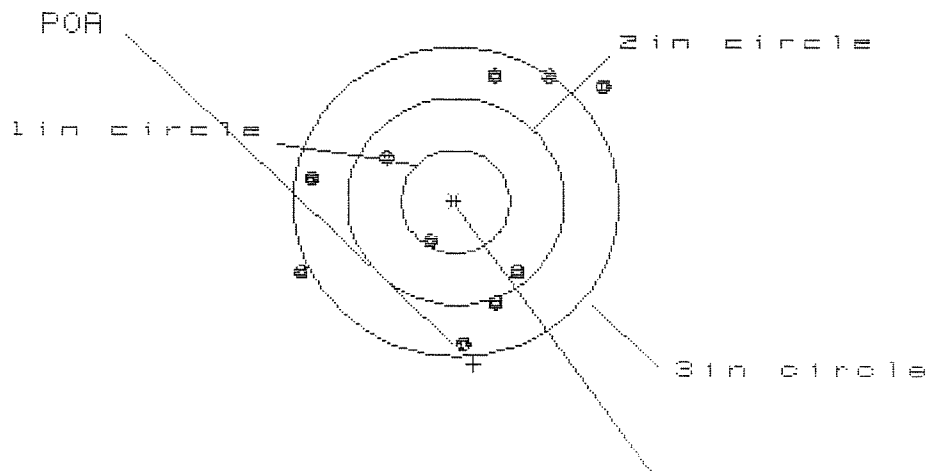
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.730	1.602	1.389
MINIMUM X	:	-1.398	-1.526	-1.326
MAXIMUM Y	:	1.174	1.021	1.030
MINIMUM Y	:	-1.374	-1.274	-1.265
CENTROID X	:	-.040	.088	-.112
CENTROID Y	:	1.000	1.241	1.202
POA TO CENTROID in.	:	1.089	1.244	1.237
MIN RADIUS	:	.204	.023	.187
MEAN RADIUS	:	1.175	1.075	1.009
MAX RADIUS	:	1.792	1.743	1.879
HORIZONTAL SPREAD	:	3.128	3.128	2.715
VERTICAL SPREAD	:	2.548	2.295	2.295
EXTREME SPREAD	:	3.293	3.194	3.194
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		6	

7 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8498786

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

CENTROID *

IN CIR

1 in = 1

2 in = 3

3 in = 8

HS= 2.810

VS= 2.554

GS= 3.373

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.407	1.035	.980
MINIMUM X	-1.403	-1.247	-1.308
MAXIMUM Y	1.194	1.323	1.249
MINIMUM Y	-1.358	-1.231	-1.306
CENTROID X	-.164	-.320	-.165
CENTROID Y	1.577	1.450	1.525
POA TO CENTROID in.	1.585	1.485	1.534
MIN RADIUS	.448	.262	.407
MEAN RADIUS	1.203	1.101	1.074
MAX RADIUS	1.810	1.680	1.527
HORIZONTAL SPREAD	2.810	2.282	2.188
VERTICAL SPREAD	2.554	2.554	2.554
EXTREME SPREAD	3.373	2.984	2.678
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =		8	

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

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

MODEL 700™ W24

01

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

SERIAL NO.
C6498786

ORDER NO.
5716

UPC

0 47700 25716 7

5716 C6498786

INTERCHANGEABILITY

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6498786

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	5 17 90	RW
600	Proof		5 17 90	RW
607	Check Headspace		5 17 90	RW
610	Dis-assemble Gun		5 17 90	RW
612	Magnaflux Barrel Action		5/22/90	KCR
	Magnaflux Bolt		5/22/90	KCR
615	Rollmark Caliber		5/22/90	B.S.
617	Drill and Tap Sight Holes		5/23/90	FB
618	Polish Barrel RB		5/24/90	WB
620	Apply Coatings (Barrel Action)		6-4-90	TH
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		6/4/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		6/4/90	RW
	C) Inspect Ejector Hole for Chamfer		6/4/90	RW
	D) Oil Firing Pin Ass'y		6/4/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		6-11-90	92

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			6/12/90	92
	G) Safety Off Force	3	3	3			6/12/90	92
	H) Trigger Pull Test & Retainability						6-11-90	92
	I) Firing Pin Indent	.022	.0225	.225			6/12/90	92
	J) Assemble Stock						6/12/90	Rev
	K) Assemble Swivel Studs						6/14/90	92
	L) Attach Front and Rear Sight Assemblies						6/12/90	Rev
	M) Iron Sight Alignment						6/12/90	Rev
	N) Detach Front & Rear Sights & place in numbered container						6/12/90	Rev
	O) Attach Scope to Rifle						6/12/90	92
	P) Detach & Attach Scope 20 Times						6/12/90	92
640	Gallery Target & Test						6-12-90	A
	A) Time						"	A
	B) Malfunctions						"	A
	C) Pierced Primers						"	A
	D) Optical Clarity of Scope						"	A
645	Inspect for Live Ammo						6-12-90	A
655	Final Inspection							
	A) Headspace						6/14/90	92
	B) Trigger Pull	2.22	2.10	2.11	2.18	2.16	6/13/90	92
	C) Function						6/14/90	92
660	Pack						6-20-90	DH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C6498786

DATE 6-11-90

TESTER JEL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.46	2.10	2.34	2.22	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.46	2.18	2.36	2.10	
PULL #3	2.23	2.29	2.30	2.11	
PULL #4	2.26	2.37	2.20	2.13	
PULL #5	2.20	2.39	2.35	2.16	
TOTAL	11.61	11.24	11.55		
AVG.	2.322	2.248	2.31		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.33	3.50		
PULL #2	3.44	3.46		
PULL #3	3.48	3.26		
PULL #4	3.41	3.44		
PULL #5	3.35	3.35		
TOTAL	17.01	17.01		
AVG.	3.402	3.402		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.43	4.38		4.32
PULL #2	4.45	4.40		4.11
PULL #3	4.40	4.39		4.22
PULL #4	4.40	4.32		4.15
PULL #5	4.45	4.41		4.11
TOTAL	22.13	21.90		20.91
AVG.	4.426	4.38		4.182

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6498786
13 Jun 1990

CENTROIDAL DISTANCES

0 TO	1	.578468
1 TO	2	.627137
1 TO	3	.286248
1 TO	4	.442651
1 TO	5	.961873

$\frac{4}{13} \frac{5}{2} < \text{----FOR}$

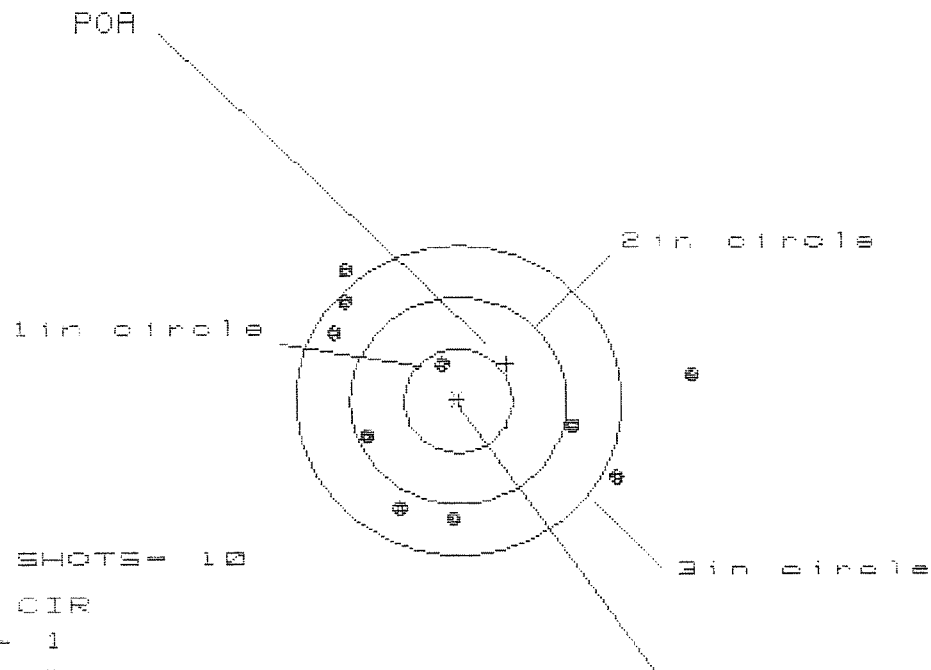
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1192
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0948
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .152301

THE AMR FOR THIS RIFLE IS: 1.006

13 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/084387B6

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 2

3 in = 7

HS = 3.286

VS = 2.356

GS = 3.353

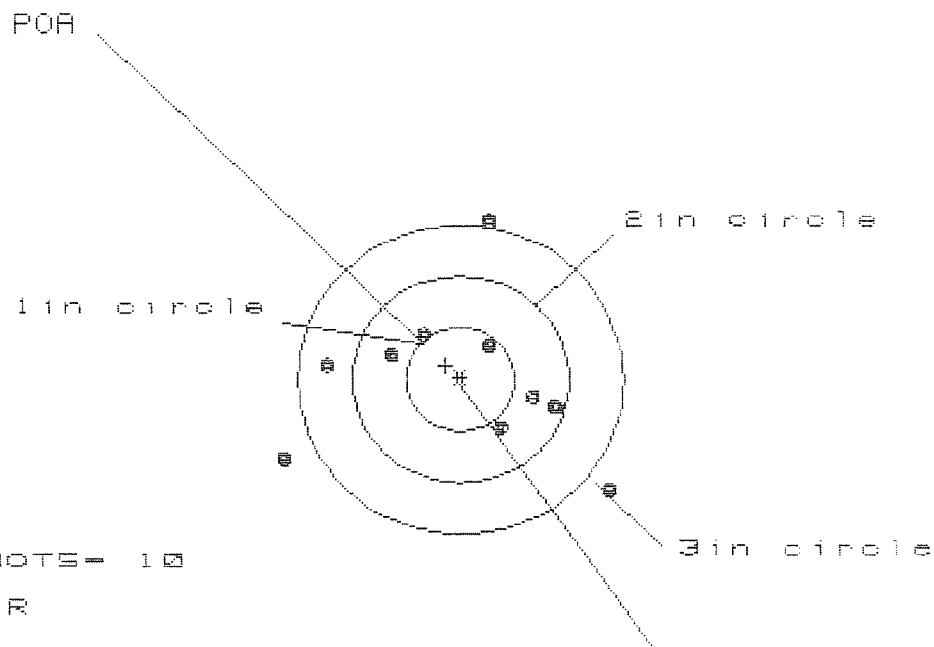
CENTROID *

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.188	1.675	1.535
MINIMUM X	:	-1.098	-.855	-.646
MAXIMUM Y	:	1.222	1.245	1.160
MINIMUM Y	:	-1.135	-1.111	-1.196
CENTROID X	:	-.452	-.695	-.904
CENTROID Y	:	-.361	-.385	-.300
POR TO CENTROID in.	:	.579	.794	.953
MIN RADIUS	:	.417	.401	.410
MEAN RADIUS	:	1.277	1.133	1.014
MAX RADIUS	:	2.198	1.809	1.564
HORIZONTAL SPREAD	:	3.286	2.530	2.181
VERTICAL SPREAD	:	2.356	2.356	2.356
EXTREME SPREAD	:	3.353	3.111	2.559
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	2		
NUMBER IN THREE INCH CIRCLE	=	7		

13 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6498786

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 7

HS= 3.036

VS= 2.531

GS= 3.045

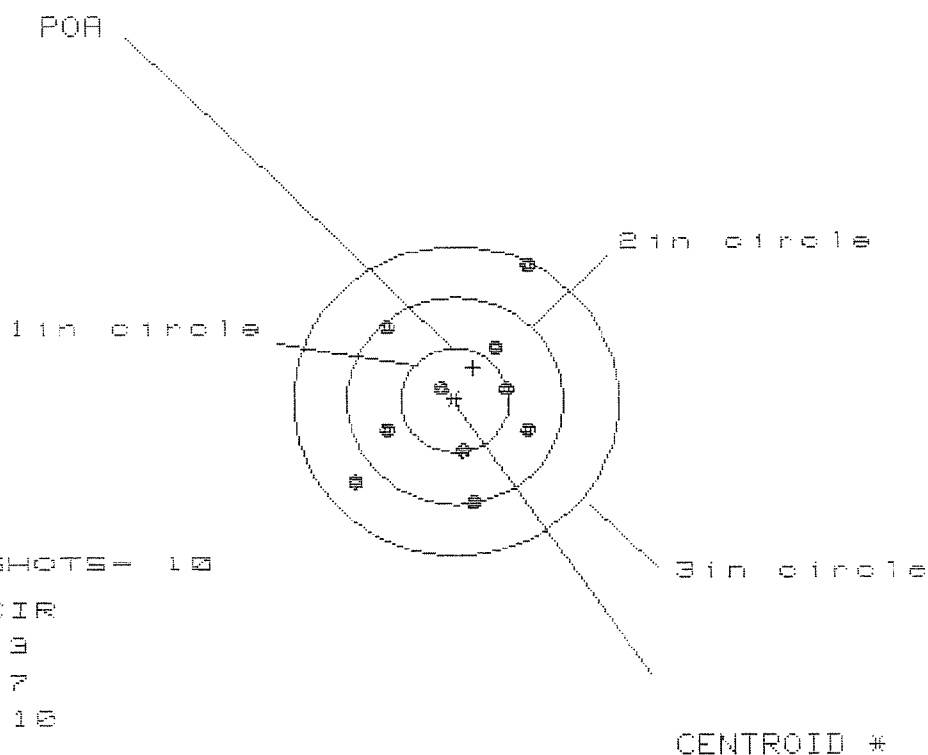
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.388	1.204	.832
MINIMUM X	:	-1.648	-1.394	-1.243
MAXIMUM Y	:	1.509	1.422	1.283
MINIMUM Y	:	-1.022	-1.109	-.677
CENTROID X	:	.133	.317	.166
CENTROID Y	:	-.135	-.048	.091
POA TO CENTROID in.	:	.190	.320	.189
MIN RADIUS	:	.451	.275	.291
MEAN RADIUS	:	1.010	.890	.794
MAX RADIUS	:	1.825	1.637	1.312
HORIZONTAL SPREAD	:	3.036	2.598	2.075
VERTICAL SPREAD	:	2.531	2.531	1.960
EXTREME SPREAD	:	3.045	2.829	2.104
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		7	

13 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/CG498786

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 3

2in = 7

3in = 10

HS= 1.607

VS= 2.344

GS= 2.638

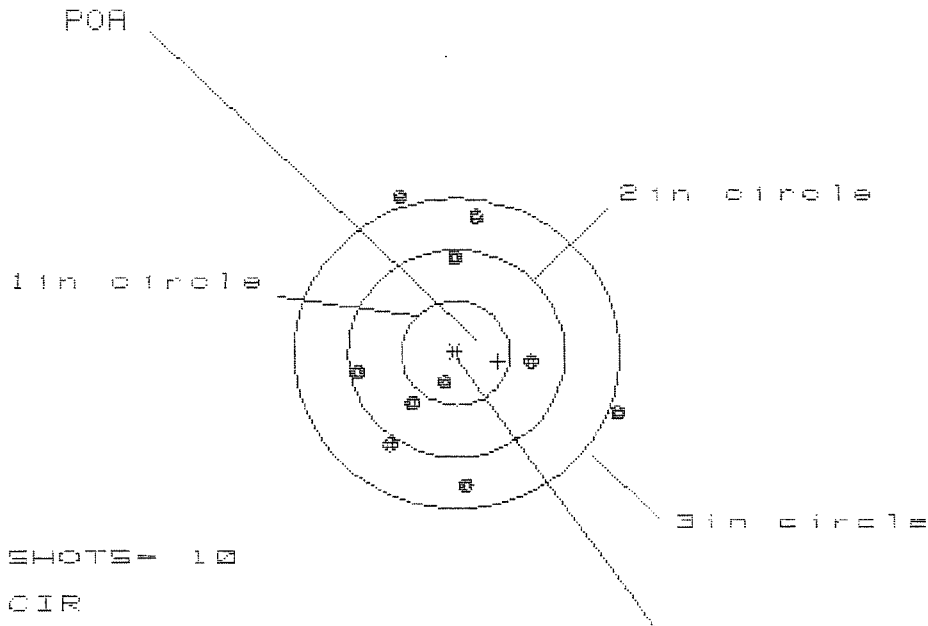
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.643	.714	.602
MINIMUM X	:	-.964	-.893	-.700
MAXIMUM Y	:	1.337	.862	.786
MINIMUM Y	:	-1.007	-.859	-.935
CENTROID X	:	-.169	-.240	-.128
CENTROID Y	:	-.318	-.466	-.390
POR TO CENTROID in.	:	.360	.524	.410
MIN RADIUS	:	.167	.250	.243
MEAN RADIUS	:	.790	.707	.645
MAX RADIUS	:	1.481	1.083	1.052
HORIZONTAL SPREAD	:	1.607	1.607	1.302
VERTICAL SPREAD	:	2.344	1.721	1.721
EXTREME SPREAD	:	2.638	1.920	1.920
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			7	
NUMBER IN THREE INCH CIRCLE =			10	

13 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06496786

CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

IS = 2.465

VS = 2.746

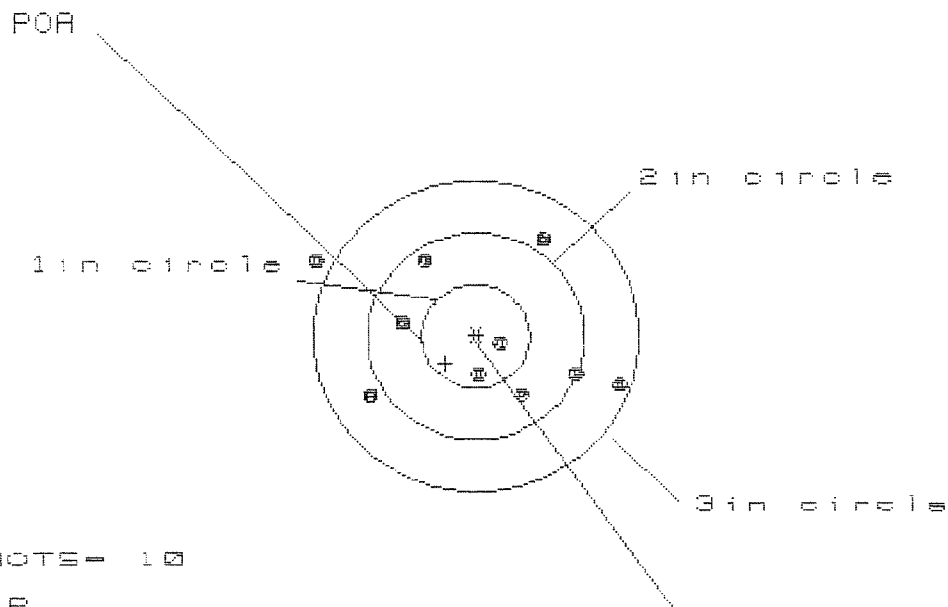
GS = 2.868

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.521	.852	.814
MINIMUM X	:	-.944	-.775	-.813
MAXIMUM Y	:	1.509	1.448	1.458
MINIMUM Y	:	-1.237	-1.298	-1.117
CENTROID X	:	-.388	-.557	-.519
CENTROID Y	:	.077	.138	-.043
POA TO CENTROID in.	:	.395	.573	.520
MIN RADIUS	:	.259	.302	.117
MEAN RADIUS	:	1.032	.959	.847
MAX RADIUS	:	1.618	1.479	1.500
HORIZONTAL SPREAD	:	2.465	1.627	1.627
VERTICAL SPREAD	:	2.746	2.746	2.575
EXTREME SPREAD	:	2.868	2.806	2.578
NUMBER IN ONE INCH CIRCLE =	:	1		
NUMBER IN TWO INCH CIRCLE =	:	5		
NUMBER IN THREE INCH CIRCLE =	:	8		

13 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C649B7B6

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 2.733

VS= 1.555

GS= 2.979

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.302	1.144	.896
MINIMUM X	:	-1.431	-1.122	-.980
MAXIMUM Y	:	.952	1.031	.981
MINIMUM Y	:	-.603	-.524	-.574
CENTROID X	:	.280	.438	.295
CENTROID Y	:	.263	.184	.234
POA TO CENTROID in.	:	.384	.476	.377
MIN RADIUS	:	.280	.103	.255
MEAN RADIUS	:	.923	.815	.775
MAX RADIUS	:	1.596	1.236	1.168
HORIZONTAL SPREAD	:	2.733	2.266	1.875
VERTICAL SPREAD	:	1.555	1.555	1.555
EXTREME SPREAD	:	2.979	2.269	2.237
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

INTERCHANGEABILITY

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6498786
18 Jun 1990

CENTROIDAL DISTANCES

0 TO	1	.300801
1 TO	2	.50603
1 TO	3	.586847
1 TO	4	.153444
1 TO	5	.383172

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

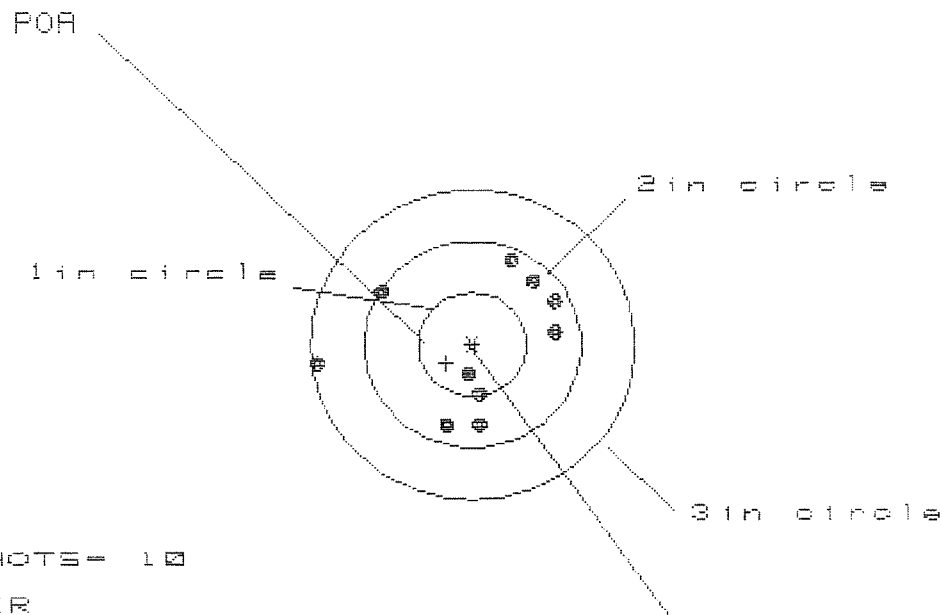
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0668
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2216
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .231449

THE AMR FOR THIS RIFLE IS: .8472

18 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/CG498786.1

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 2

2in = 8

3in = 10

HS= 2.218

VS= 1.571

GS= 2.232

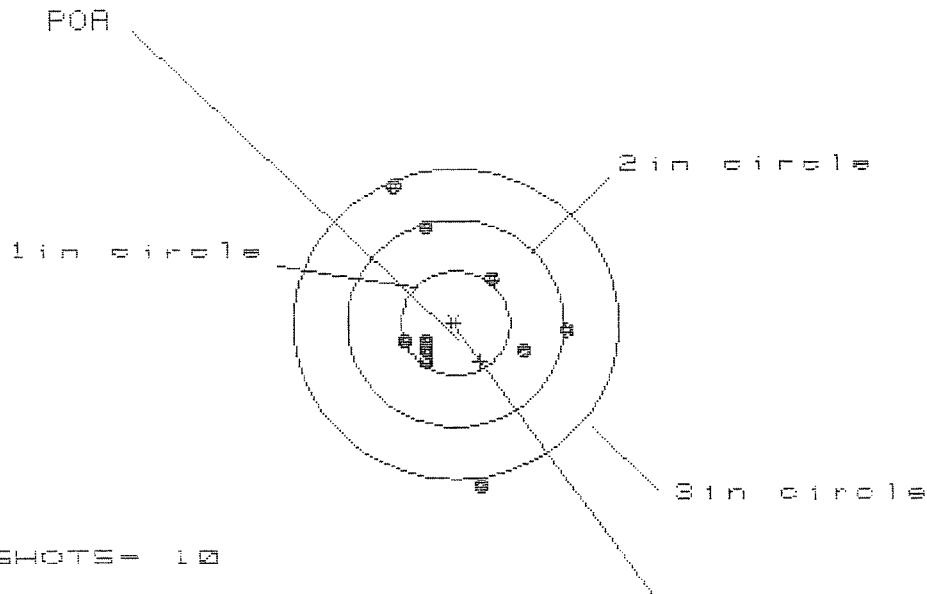
CENTROID *

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.887	.650	.531
MINIMUM X	:	-1.411	-.956	-.553
MAXIMUM Y	:	.775	.759	.817
MINIMUM Y	:	-.796	-.812	-.754
CENTROID X	:	.241	.398	.517
CENTROID Y	:	.188	.196	.138
POA TO CENTROID in.	:	.381	.443	.535
MIN RADIUS	:	.238	.297	.342
MEAN RADIUS	:	.795	.710	.654
MAX RADIUS	:	1.419	1.063	.986
HORIZONTAL SPREAD	:	2.218	1.686	1.884
VERTICAL SPREAD	:	1.571	1.571	1.571
EXTREME SPREAD	:	2.232	1.649	1.632
NUMBER IN ONE INCH CIRCLE =	:	2		
NUMBER IN TWO INCH CIRCLE =	:	9		
NUMBER IN THREE INCH CIRCLE =	:	10		

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FILE:/PATTERNING/CENTERFIRE_PATT/CG438786.1

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 7

3 in = 9

HS= 1.528

VS= 2.947

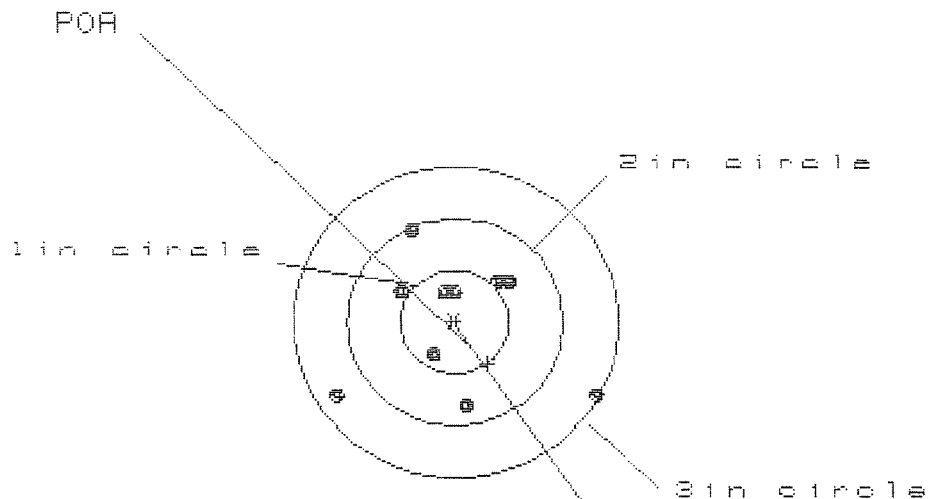
GS= 3.047

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.001	1.028	.966
MINIMUM X	:	-.527	-.500	-.530
MAXIMUM Y	:	1.380	1.206	.927
MINIMUM Y	:	-1.567	-.511	-.360
CENTROID X	:	-.230	-.257	-.195
CENTROID Y	:	.365	.539	.388
POA TO CENTROID in.	:	.431	.597	.434
MIN RADIUS	:	.309	.390	.350
MEAN RADIUS	:	.801	.722	.625
MAX RADIUS	:	1.586	1.305	.979
HORIZONTAL SPREAD	:	1.528	1.528	1.496
VERTICAL SPREAD	:	2.947	1.717	1.287
EXTREME SPREAD	:	3.047	2.116	1.646
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

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FILE:/PATTERNING/CENTERFIRE_PATT/C649B7B6.1

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 10

HS= 2.356

VS= 1.765

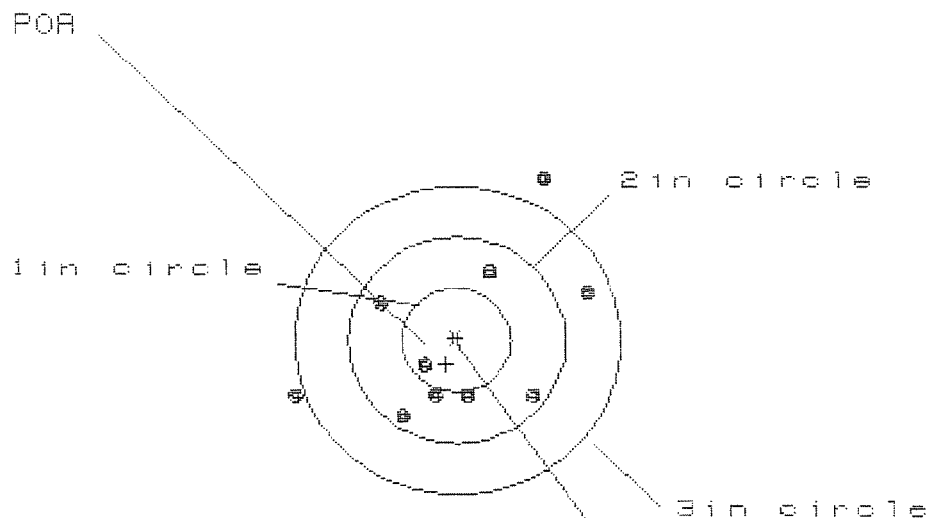
GS= 2.356

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.277	.609	.492
MINIMUM X	-1.079	-.937	-.454
MAXIMUM Y	.919	.843	.745
MINIMUM Y	-.846	-.922	-1.020
CENTROID X	-.301	-.443	-.326
CENTROID Y	.405	.481	.579
POA TO CENTROID in.	.505	.654	.664
MIN RADIUS	.262	.189	.087
MEAN RADIUS	.724	.619	.511
MAX RADIUS	1.448	1.222	1.025
HORIZONTAL SPREAD	2.356	1.546	.946
VERTICAL SPREAD	1.765	1.765	1.765
EXTREME SPREAD	2.356	1.905	1.830
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

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FILE:/PATTERNING/CENTERFIRE_PATT/06498786.1

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 7

3 in = 8

HS= 2.728

VS= 2.301

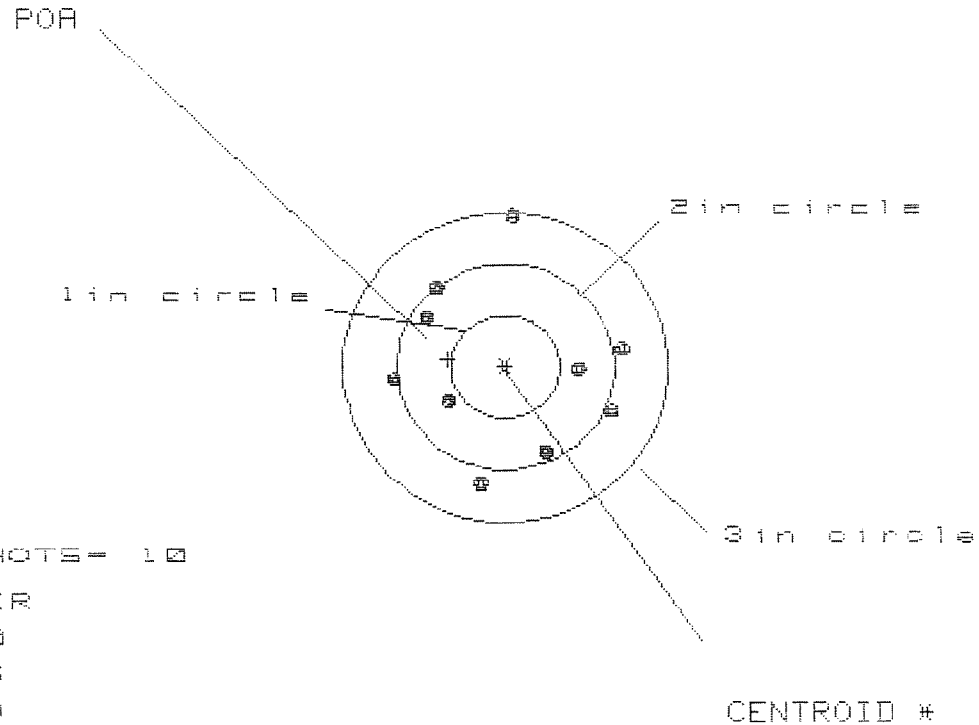
CS= 3.101

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.227	1.320	1.144
MINIMUM X	-1.501	-1.408	-.794
MAXIMUM Y	1.540	.852	.812
MINIMUM Y	-.761	-.590	-.630
CENTROID X	.097	.004	.180
CENTROID Y	.233	.062	.102
POA TO CENTROID in.	.252	.062	.207
MIN RADIUS	.340	.178	.358
MEAN RADIUS	.936	.794	.729
MAX RADIUS	1.755	1.452	1.276
HORIZONTAL SPREAD	2.728	2.728	1.938
VERTICAL SPREAD	2.301	1.442	1.442
EXTREME SPREAD	3.101	2.881	2.889
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		8	

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FILE:/PATTERNING/CENTERFIRE_PATT/CS498786.1

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 5

3 in = 9

HS= 2.137

VS= 2.642

GS= 2.654

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.100	1.103	1.077
MINIMUM X	:	-1.037	-1.034	-1.060
MAXIMUM Y	:	1.521	.898	.780
MINIMUM Y	:	-1.121	-.952	-.784
CENTROID X	:	.527	.524	.550
CENTROID Y	:	-.075	-.244	-.126
POA TO CENTROID in.	:	.533	.578	.564
MIN RADIUS	:	.615	.528	.605
MEAN RADIUS	:	.980	.900	.889
MAX RADIUS	:	1.522	1.157	1.101
HORIZONTAL SPREAD	:	2.137	2.137	2.137
VERTICAL SPREAD	:	2.642	1.850	1.563
EXTREME SPREAD	:	2.654	2.160	2.160
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	