

C6349183

MODEL 700™ M24

Model **S&S**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Repair Number: **RE00074628**

Serial: C6349183 Model: 700 Center Fire Caliber: 7
62 NATO M24 SWS Produced: 03/19/1990

Repairman:

Status:

Closed 12/29/2003 10:37:33 AM

Address Information

Customer:

Received From:

Return To:

Received From:

Name: **HHC 3/327**

HHC 3/327

Address 1:

Address 2:

PO Box:

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:

Fax:

Email:

Comments:

Received Condition

Fair

Condition

Notes:

CSR

Notes:

Accessories Received

Code	Desc	Qty
A007	With Studs	3
A010	Hard Case	1
A017	Scope Bases	3
A026	Scope	1

Repair Search

Refresh

Close

neglej

1/5/2004

9:12 AM

CAPS

NUM

INS

SDCL

Serial Number:

C6349183

Model: **700**



RE00074628

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349183.__0
FILE DATE AND TIME: 01/22/2004 10:16

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.194
The Average Y Centroid of the Five Target Set:	-0.122
The Average Point of Impact of the Five Target Set:	0.229
The Average Mean Radius of the Five Target Set:	0.836
The Distance from POA to Centroid Target #1:	0.284
The Distance from Centroid Target #2 to Centroid Target #1:	0.026
The Distance from Centroid Target #3 to Centroid Target #1:	0.300
The Distance from Centroid Target #4 to Centroid Target #1:	0.137
The Distance from Centroid Target #5 to Centroid Target #1:	0.191

SERIAL NUMBER: C6349183. 0

TARGET NUMBER: 1

FILE DATE: 01/22/2004

FILE TIME: 10:16

POINT#	X	Y
1:	-0.068	1.167
2:	0.840	0.594
3:	2.171	0.566
4:	0.234	0.001
5:	0.605	-0.349
6:	-0.142	-0.219
7:	-0.768	-1.494
8:	-0.829	-2.333
9:	0.077	0.435
10:	0.197	-0.009

X CENTROID: 0.232

Y CENTROID: -0.164

POA TO CENTROID: 0.284

HORZ SPREAD: 3.000

VERT SPREAD: 3.500

GROUP SPREAD: 4.172

MIN RADIUS: 0.159

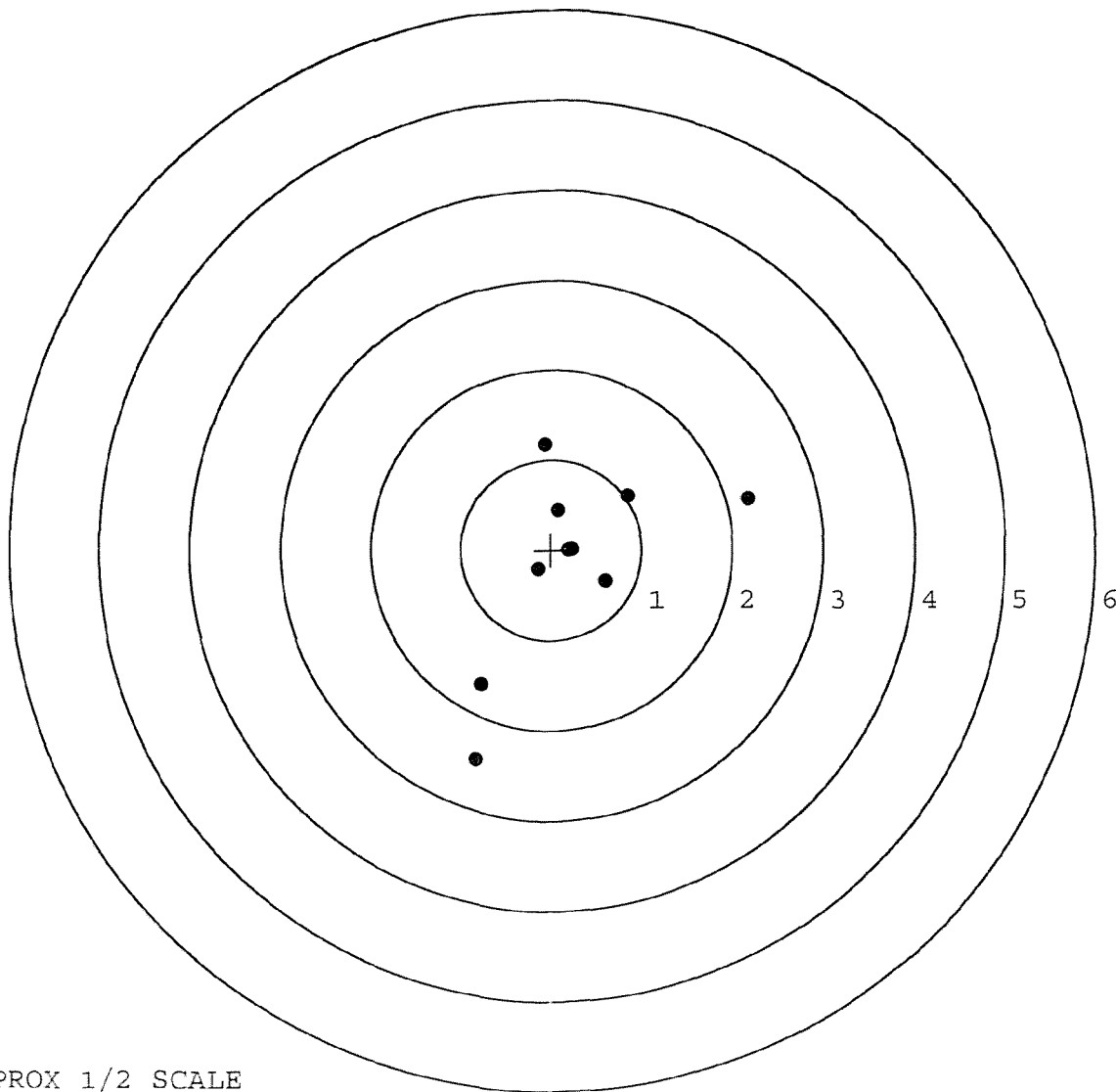
MAX RADIUS: 2.414

MEAN RADIUS: 1.022

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349183. __0

TARGET NUMBER: 2

FILE DATE: 01/22/2004

FILE TIME: 10:16

POINT#	X	Y
1:	-0.011	0.783
2:	0.424	0.711
3:	1.256	0.505
4:	0.373	-1.483
5:	-0.009	-1.132
6:	0.374	-0.715
7:	0.115	-0.265
8:	-0.056	-0.371
9:	-0.224	-0.029
10:	0.277	0.186

X CENTROID: 0.252

Y CENTROID: -0.181

POA TO CENTROID: 0.310

HORZ SPREAD: 1.480

VERT SPREAD: 2.266

GROUP SPREAD: 2.298

MIN RADIUS: 0.161

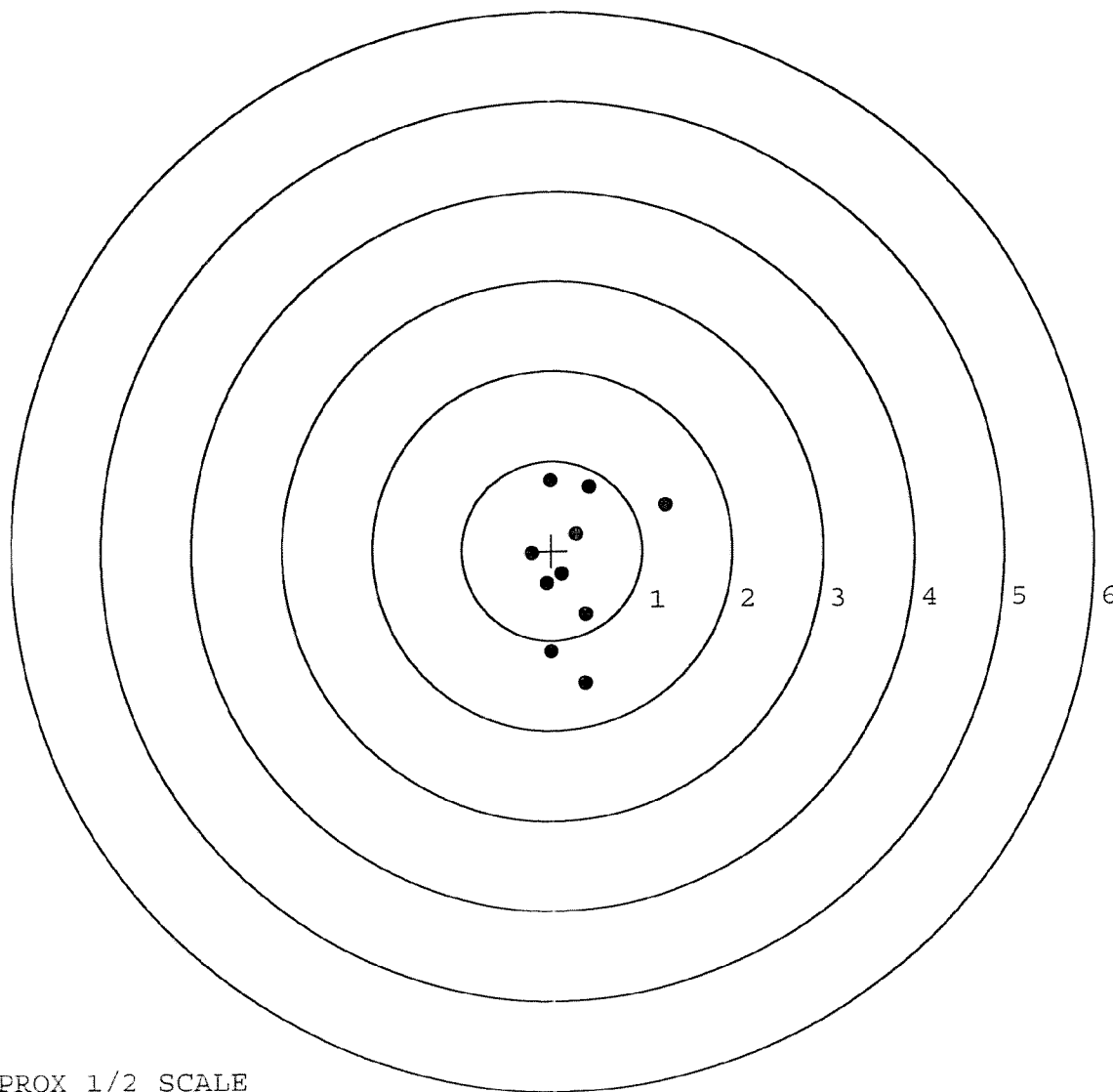
MAX RADIUS: 1.308

MEAN RADIUS: 0.736

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

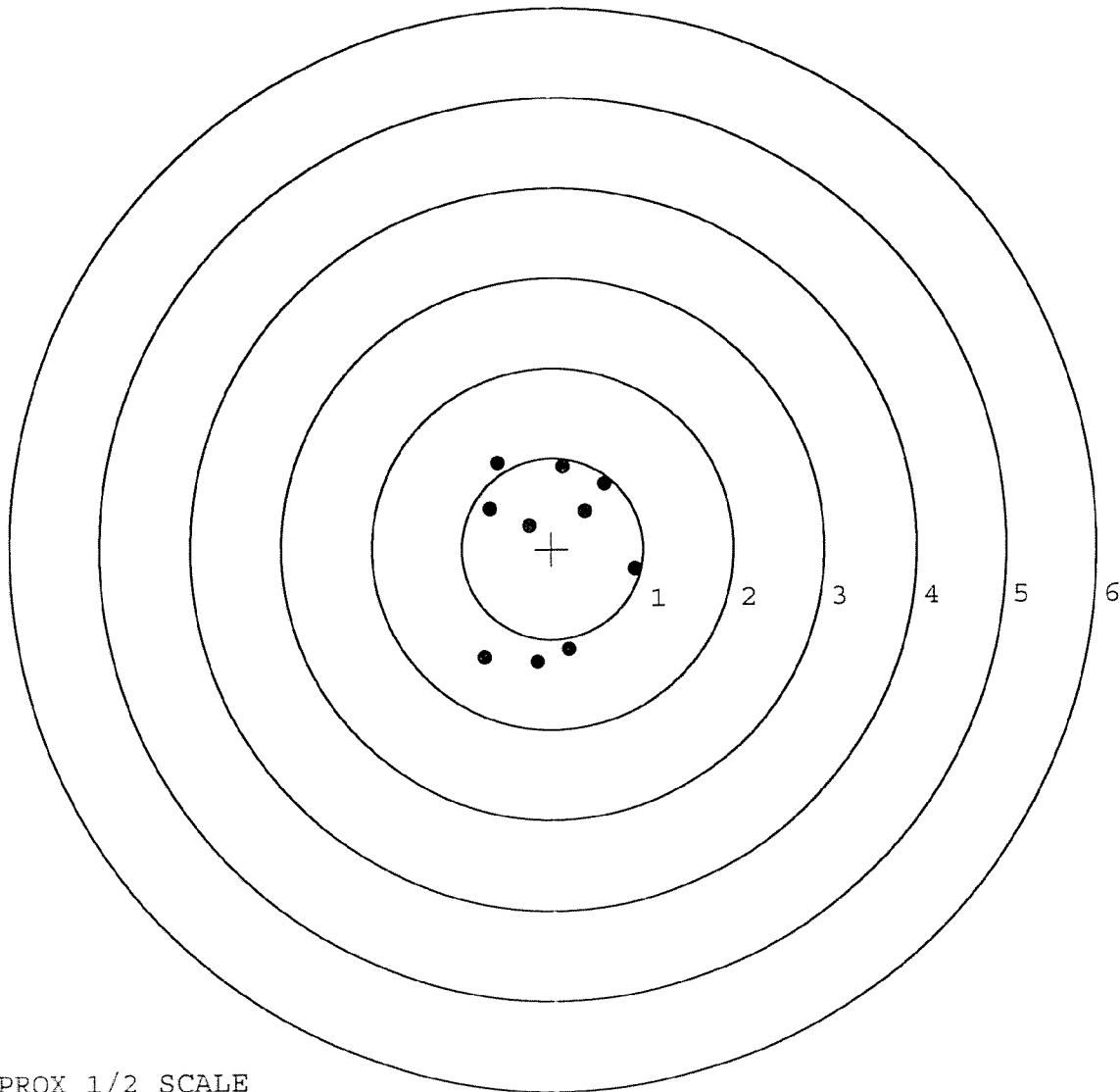


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349183. __0
 TARGET NUMBER: 3
 FILE DATE: 01/22/2004
 FILE TIME: 10:16

POINT#	X	Y
1:	0.132	0.904
2:	-0.594	0.951
3:	-0.684	0.445
4:	-0.252	0.259
5:	0.583	0.708
6:	0.371	0.407
7:	0.910	-0.230
8:	0.184	-1.119
9:	-0.170	-1.258
10:	-0.757	-1.206

X CENTROID: -0.028
 Y CENTROID: -0.014
 POA TO CENTROID: 0.031
 HORZ SPREAD: 1.667
 VERT SPREAD: 2.209
 GROUP SPREAD: 2.336
 MIN RADIUS: 0.353
 MAX RADIUS: 1.397
 MEAN RADIUS: 0.947
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349183. 0

TARGET NUMBER: 4

FILE DATE: 01/22/2004

FILE TIME: 10:16

X CENTROID: 0.309

Y CENTROID: -0.277

POA TO CENTROID: 0.415

HORZ SPREAD: 2.027

VERT SPREAD: 2.821

GROUP SPREAD: 3.311

MIN RADIUS: 0.147

MAX RADIUS: 1.935

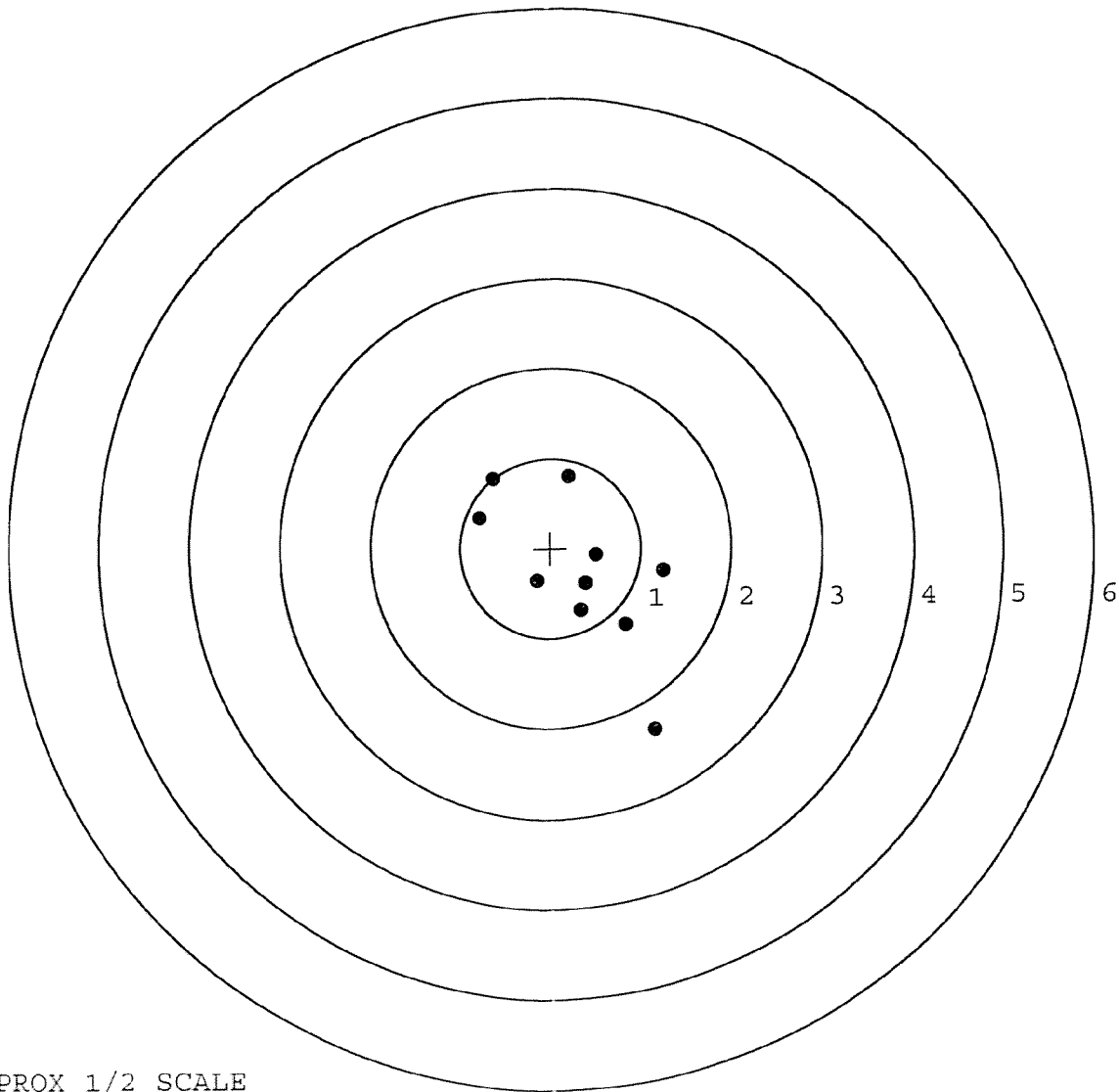
MEAN RADIUS: 0.870

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.212	0.798
2:	-0.627	0.775
3:	-0.783	0.337
4:	0.500	-0.085
5:	0.391	-0.399
6:	0.336	-0.695
7:	-0.153	-0.366
8:	0.828	-0.857
9:	1.244	-0.257
10:	1.143	-2.023



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349183. __0

TARGET NUMBER: 5

FILE DATE: 01/22/2004

FILE TIME: 10:16

POINT#	X	Y
1:	0.004	1.141
2:	0.270	0.485
3:	0.759	0.179
4:	0.945	-0.035
5:	0.314	0.095
6:	0.643	-0.074
7:	-0.051	-0.337
8:	0.023	-0.578
9:	-0.405	-0.133
10:	-0.477	-0.492

X CENTROID: 0.203

Y CENTROID: 0.025

POA TO CENTROID: 0.204

HORZ SPREAD: 1.422

VERT SPREAD: 1.719

GROUP SPREAD: 1.719

MIN RADIUS: 0.132

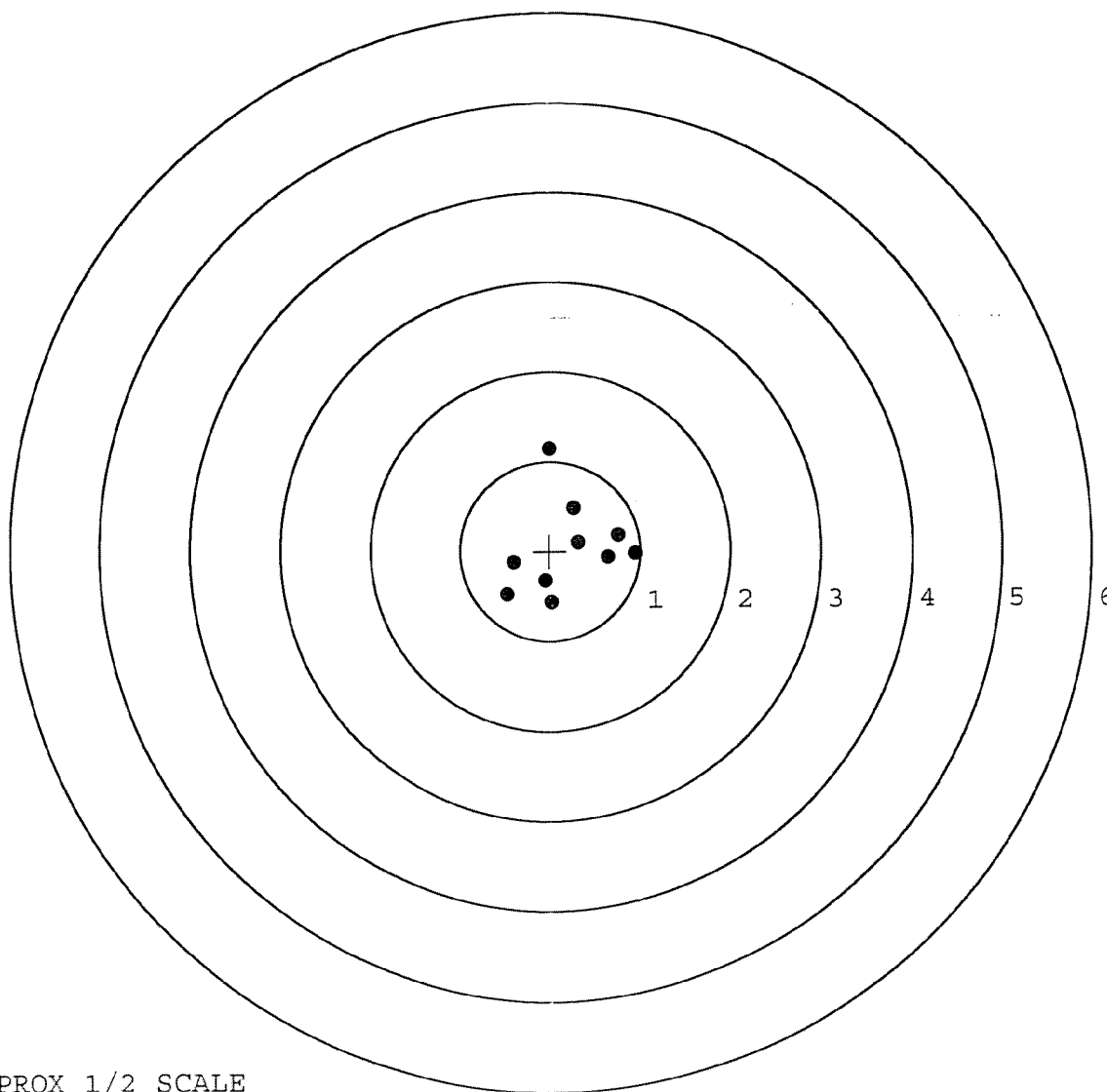
MAX RADIUS: 1.133

MEAN RADIUS: 0.606

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

R & E NUMBER	74628		
SERIAL NUMBER	C6349183		
LOG-IN DATE	74628		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	1-05-04	RTL
560 A	RE-BARREL	1-7-04	RTL
B	DRILL AND TAP	1-9-04	TRW
575	ASSEMBLE MAGNA-FLUX	1-8-04	RTL
600	PROOF INSPECTED	1-8-04	RW
605	CHECK HEADSPACE	1-8-04	RW
610	DIS-ASSEMBLE GUN	1-8-04	RW
612	MAGNAFLUX		
615	ROLLMARK CALIBER	1-13-04	AB
618	ROTO-BLAST	1/13/2004	Dans
620	APPLY COATINGS	1-15	DA
625 A	FINAL ASSEMBLY	1-19-04	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	1-22-04	A
655	FINAL INSPECT	1-22-04	RW
660	PACK	1-26-04	DA
		SHIP DATE	
	QAR INSPECTION DATE		

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R 96-04790

INITIAL
FPS

CUSTOMER ORDER NO.

M-24 SNIPER W/10X LEUPOLD SCOPE, & SCOPE CASE

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

02/12/96

02/12/96

C6349183

700

7.62

NATO

ACCESSORIES

HARD CASE

SCOPE MNTS

SCOPE BASE

W/STUDS

W/SWIVELS

FROM:

SHIP TO:

U S ARMY
C CO. 3/5 SFG (A)
FT CAMPBELL

KY 42223

U S ARMY
C CO. 3/5 SFG (A)
FT CAMPBELLKY
42223

CUST NO:137790 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

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 1/84

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0109598 09637

MAINTENANCE REQUEST				PAGE NO.	NO. OF PAGES	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 B Co 3/5 SFG		B. LOCATION Ft. Campbell Ky 42223			C. UNIT IDENT CODE WH06B0		
2. SERIAL NO. C6349183		3. NOUN NOMENCLATURE 7.62 mm M24 SWS		4. LINE NO.		5. MODEL M24		6. NATIONAL STOCK NUMBER 1005-01-240-2136	
7A. MAINTENANCE ACTIVITY IMO		B. LEVEL		8. UTILIZATION CODE		9A. MCSR ITEM		9B. ERC	
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		☐ 069 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) RND CNT OVER 5,000 RNDs									
B. REMARKS									
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 <i>[Signature]</i>		24. RECEIVED BY							
JULIAN DATE		JULIAN DATE							

86B

MAINTENANCE REQUEST					PAGE NO.		NO OF PAGES		REQUIREMENTS CONTROL SYMBOL		
For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG									CSGLD - 1047(R1)		
SECTION I - EQUIPMENT DATA											
CONTROL NUMBER		WORK ORDER NO.			WESDC		ORG. PD		PD AUTHENTICATION		
☐ Work Request ☐ MWO ☒ Warranty Claim		1A. ORGANIZATION <i>B Co 3/5 SFG</i>			B. LOCATION <i>Ft. Campbell Ky 42223</i>			C. UNIT IDENT CODE <i>WH06B0</i>			
2. SERIAL NO. <i>C6349183</i>		3. NOUN NOMENCLATURE <i>7.62 mm M24 SWS</i>			4. LINE NO.		5. MODEL <i>M24</i>		6. NATIONAL STOCK NUMBER <i>1005-01-240-2136</i>		
7A. MAINTENANCE ACTIVITY <i>IMO</i>		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	☐ 068 Inoperative		☐ 258 Overheating		☐ 790 Out of Adjustment		
☐ B Handling		☐ D Normal Op	☐ F Inspection	☒ H Other	☐ 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). <i>RND CNT OVER 5,000 RND5</i>											
B. REMARKS											
SECTION II - WORK ACCOMPLISHED											
17A. REPAIR ORGANIZATION/ACTIVITY				C. UNIT IDENT. CODE		18. TYPE ORGANIZATION/ACTIVITY ACCOMPLISHING WORK (Select one - use ☒ or X)			19. AMS ACCT. CODE		
B. LOCATION						☐ 1 TOE ☐ 2 TD ☐ 3 Contractor					
20A. ACT. CODE	B. FAILURE CODE	C. COMPONENT/PART NOUN, SVC, OR MWO NO.			D. MANHOURS (Hrs. & tenths)	E. NATIONAL STOCK NUMBER		F. PART SOURCE CODE	G. QTY.	H. PARTS COST	
		(1) CB CODE	(2) REF DESIGN.	(3) MFR. CODE							
					.					\$	
					.					\$	
					.					\$	
					.					\$	
					.					\$	
					.					\$	
					.					\$	
					.					\$	
					.					\$	
					.					\$	
					.					\$	
					.					\$	
I. TOTAL MANHOURS					J. TOTAL MANHOURS COST		K. TOTAL PARTS COST				
					\$		\$				
21. DELAY (Select One)					22. Data Transcribed						
☐ 1 Parts ☐ 2 Manpower ☐ 3 Facilities ☐ 4 Funds ☐ 5 Tools											
23. SUBMITTED BY <i>[Signature]</i>		24. RECEIVED BY		25. WORK STARTED BY		26. INSPECTED BY		27. ACCEPTED BY		28. DISPOSITION (Select One)	
JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE		☐ A To User ☐ D Evacuated ☐ B To Stock ☐ E Cannibalization ☐ C Salvaged	

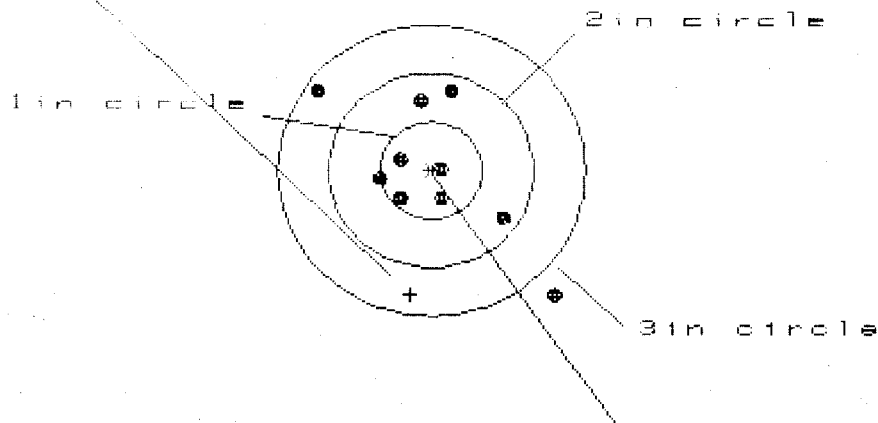
2/13/96

13 Jan 1988

FILE: PATTERNING/CENTERFIRE_PATT/06349183

CENTERFIRE PATTERNS # 1

FOR



OF SHOTS - 10

IN CIR

1in = 4

2in = 8

3in = 9

RE = 2.347

VS = 2.055

ES = 3.120

CENTROID *

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.223	.837	.713
MINIMUM X	-1.124	-.988	-.537
MAXIMUM Y	.804	.665	.731
MINIMUM Y	-1.251	-.656	-.573
CENTROID X	.202	.066	.190
CENTROID Y	1.281	1.420	1.337
POA TO CENTROID in.	1.297	1.422	1.350
MIN RADIUS	.126	.164	.150
MEAN RADIUS	.729	.609	.523
MAX RADIUS	1.749	1.191	.915
HORIZONTAL SPREAD	2.347	1.825	1.250
VERTICAL SPREAD	2.055	1.321	1.004
EXTREME SPREAD	3.120	2.253	1.505
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	9		

Previous
AMR
.7498

Remington
MODEL 700™ H24

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

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

SERIAL NO.
C6349183

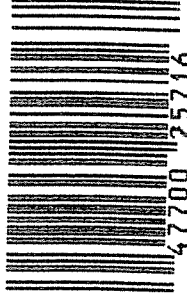
ORDER NO.
5716

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



5716 C6349183

UPC



0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349183

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	3 31	90	RW
600	Proof	3 31	90	RW
607	Check Headspace	3 31	90	RW
610	Dis-assemble Gun	2 31	90	RW
612	Magnaflux Barrel Action	4-2-90		KCR
	Magnaflux Bolt	4-2-90		KCR
615	Rollmark Caliber	4-2-90		JS
617	Drill and Tap Sight Holes		4/4/90	FB
618	Polish Barrel RB		4/5/90	WB
620	Apply Coatings (Barrel Action)		4/9/90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/18/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/18/90	RW
	C) Inspect Ejector Hole for Chamfer		4/18/90	RW
	D) Oil Firing Pin Ass'y		4/18/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/4/90	JS

op. #	BARBER - M24 0109604		READINGS					DATE	INIT
	OP. NAME								
625 cont.	F) Safety On Force		4	4	4			5/4/90	JH
	G) Safety Off Force		2	2	2			5/4/90	JH
	H) Trigger Pull Test & Retainability							5/4/90	JH
	I) Firing Pin Indent		.020	.020	.020			5/4/90	JH
	J) Assemble Stock							5/8/90	RW
	K) Assemble Swivel Studs							5/10/90	WB
	L) Attach Front and Rear Sight Assemblies							5/8/90	RW
	M) Iron Sight Alignment							5/8/90	RW
	N) Detach Front & Rear Sights & place in numbered container							5/8/90	RW
	O) Attach Scope to Rifle							5/8/90	JH
	P) Detach & Attach Scope 20 Times							5/8/90	JH
640	Gallery Target & Test							5-8-90	DH
	A) Time							5-8-90	DH
	B) Malfunctions							5-8-90	DH
	C) Pierced Primers							5-8-90	DH
	D) Optical Clarity of Scope							5-8-90	DH
645	Inspect for Live Ammo							5-8-90	DH
655	Final Inspection A) Headspace							5/10/90	WB
	B) Trigger Pull		2.76	2.76	2.78	2.53	2.77	5/9/90	WB
	C) Function							5/10/90	WB
660	Pack							6-20-90	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6349183DATE 5/4/90TESTER JAC

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.50	2.37	2.40	2.76	MIN. SETTING,
PULL #2	2.44	2.47	2.36	2.76	NO AVG. OF 5
PULL #3	2.39	2.23	2.44	2.78	READINGS ACCEPT-
PULL #4	2.51	2.36	2.35	2.53	ABLE LESS THAN 2#
PULL #5	2.43	2.43	2.30	2.77	
TOTAL	12.27	11.86	11.85		
AVG.	2.454	2.372	2.37		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.59	3.45		
PULL #2	3.53	3.27		
PULL #3	3.48	3.50		
PULL #4	3.49	3.47		
PULL #5	3.50	3.44		
TOTAL	17.59	17.13		
AVG.	3.518	3.426		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.28	4.15		4.51
PULL #2	4.26	4.44		4.51
PULL #3	4.25	4.43		4.52
PULL #4	4.30	4.55		4.49
PULL #5	4.25	4.47		4.49
TOTAL	21.33	22.04		22.52
AVG.	4.266	4.408		4.504

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349183
9 May 1998

CENTROIDAL DISTANCES

0 TO	1	.149
1 TO	2	.179011
1 TO	3	.109659
1 TO	4	.306243
1 TO	5	.0385876

✱ <----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0698
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0934
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .116004
THE AMR FOR THIS RIFLE IS: .7498

9 May 1998

FILE:\PATTERNING\CENTERFIRE_PATT\ C6349183

CENTERFIRE PATTERNS # 1

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 1

2 in = 6

3 in = 10

HS = 1.475

VS = 2.500

GS = 2.501

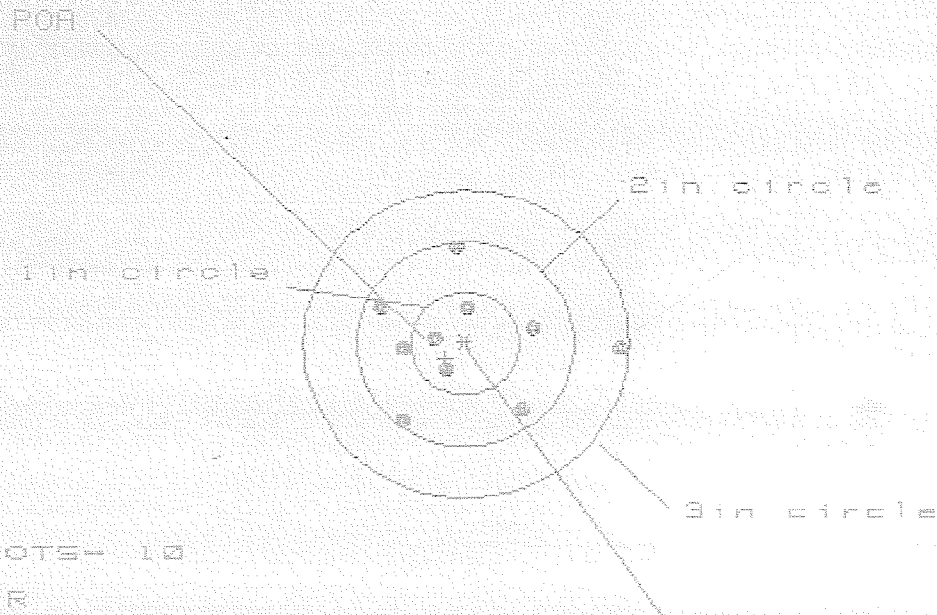
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.903	.698	.834
MINIMUM X	-.572	-.577	-.641
MAXIMUM Y	1.101	.946	.773
MINIMUM Y	-1.399	-1.385	-.988
CENTROID X	-.000	.005	.069
CENTROID Y	.149	.304	.477
POA TO CENTROID in.	.149	.304	.482
MIN RADIUS	.152	.163	.276
MEAN RADIUS	.888	.808	.708
MAX RADIUS	1.400	1.475	1.002
HORIZONTAL SPREAD	1.475	1.475	1.475
VERTICAL SPREAD	2.500	2.331	1.761
EXTREME SPREAD	2.501	2.404	1.765
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 9

3 in = 10

HS= 2.246

VS= 1.645

GS= 2.271

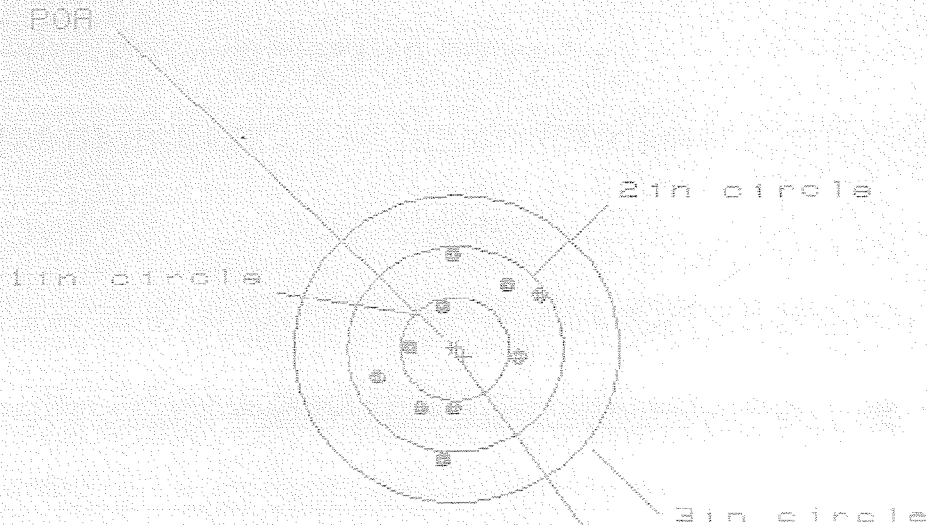
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.421	.747	.756
MINIMUM X	-.825	-.667	-.658
MAXIMUM Y	.918	.906	.454
MINIMUM Y	-.735	-.739	-.625
CENTROID X	.179	.021	.012
CENTROID Y	.147	.151	.037
POA TO CENTROID in.	.232	.152	.039
MIN RADIUS	.293	.150	.145
MEAN RADIUS	.718	.608	.566
MAX RADIUS	1.422	.963	.890
HORIZONTAL SPREAD	2.246	1.414	1.414
VERTICAL SPREAD	1.645	1.645	1.079
EXTREME SPREAD	2.271	1.712	1.663
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	9		
NUMBER IN THREE INCH CIRCLE =	10		

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 9

3in = 10

HS= 1.536

VS= 1.961

GS= 1.965

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.791	.773	.679
MINIMUM X	-.745	-.763	-.656
MAXIMUM Y	.896	.778	.826
MINIMUM Y	-1.065	-.683	-.635
CENTROID X	-.080	-.062	-.159
CENTROID Y	.074	.192	.144
POA TO CENTROID in.	.109	.202	.214
MIN RADIUS	.405	.312	.326
MEAN RADIUS	.711	.662	.624
MAX RADIUS	1.077	.865	.828
HORIZONTAL SPREAD	1.536	1.536	1.345
VERTICAL SPREAD	1.961	1.461	1.461
EXTREME SPREAD	1.965	1.704	1.483
NUMBER IN ONE INCH CIRCLE	= 2		
NUMBER IN TWO INCH CIRCLE	= 9		
NUMBER IN THREE INCH CIRCLE	= 10		

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CENTERFIRE PATTERNS # 4

POB

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS= 10

IN CIR

1in = 2

2in = 7

3in = 10

HS= 2.302

VS= 1.795

GS= 2.315

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.967	.819	.704
MINIMUM X	-1.335	-.916	-.896
MAXIMUM Y	.988	1.018	.921
MINIMUM Y	-.887	-.777	-.454
CENTROID X	.212	.360	.475
CENTROID Y	-.072	-.102	-.005
POB TO CENTROID in.	.224	.374	.475
MIN RADIUS	.477	.380	.402
MEAN RADIUS	.822	.742	.673
MAX RADIUS	1.362	1.201	.970
HORIZONTAL SPREAD	2.302	1.735	1.600
VERTICAL SPREAD	1.795	1.795	1.375
EXTREME SPREAD	2.315	2.149	1.665
NUMBER IN ONE INCH CIRCLE	= 2		
NUMBER IN TWO INCH CIRCLE	= 7		
NUMBER IN THREE INCH CIRCLE	= 10		

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FILE: \PATTERNING\CENTERFIRE_PATT\ C8349183

CENTERFIRE PATTERNS # 5

POB

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS= 10

IN CIR

1in = 4

2in = 8

3in = 10

HS= 1.571

VS= 1.737

GS= 1.823

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.789	.447	.453
MINIMUM X	-.802	-.717	-.711
MAXIMUM Y	.953	1.034	.586
MINIMUM Y	-.784	-.703	-.574
CENTROID X	.033	-.052	-.050
CENTROID Y	.169	.080	-.041
POB TO CENTROID in.	.172	.102	.071
MIN RADIUS	.165	.122	.214
MEAN RADIUS	.610	.544	.465
MAX RADIUS	1.059	1.035	.905
HORIZONTAL SPREAD	1.571	1.164	1.164
VERTICAL SPREAD	1.737	1.737	1.160
EXTREME SPREAD	1.823	1.750	1.393
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		9	
NUMBER IN THREE INCH CIRCLE =		10	