

C6348836

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Repair Number: **RE00018173** Serial: C6348836 Model 700 Center Fire Caliber: 7.62 NATO M24 SWS Repairman: Status: New 12/1/00 8:41:39 AM

Verify Repair

Address Information

Customer: ☒ Received From Return To ☐ Received From

Name: **COMMANDER** **COMMANDER**

Address 1: **GSC 10TH SFG A** **GSC 10TH SFG A**

Address 2: PO Box PO Box

City: **FT CARSON** **FT CARSON**

State: **CO** Zip Code: **80913** Country: **US** State: **CO** Zip Code: **80913** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition **Problems** **Estimate** **History / Status** **Shipping / Billing**

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Condition: **Fair**

Notes: **Rec'd w/scope hood dented (front)**

CSR Notes:

Accessories Received

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

Repair Search **Refresh** **Close**

negate 12/2/00 8:35 AM NUM

Start Inb. Na. Al. Mt. SA. Riv. Ser. Th. Ex.

8:35 AM

Number: **C6348836**

Model: **700**



RE00018173

BARBER - M24 0039406

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6348836
3 Jan 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0554

THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: 1.0452

THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 1.04667

THE AMR FOR THIS RIFLE IS: 1.189

CENTROIDAL DISTANCES

0 TO 1	.527797
1 TO 2	.968654
1 TO 3	.376825
1 TO 4	.798981
1 TO 5	1.99487

5

4

3

1

2

+

<----POA

BARBER - M24 0039407

REMINGTON CENTERFIRE ACCURACY TEST

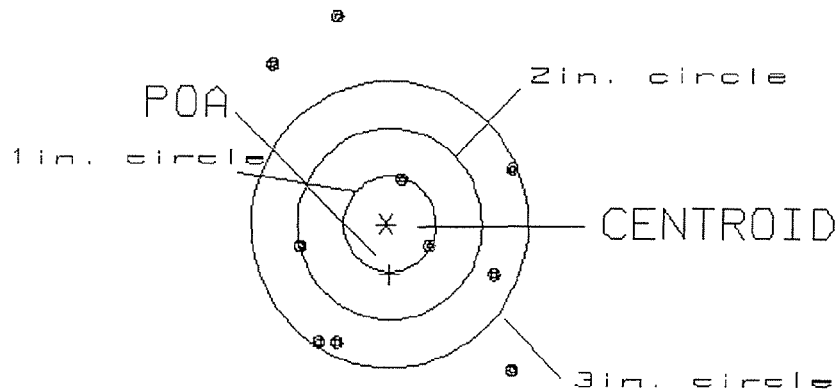
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 1

POA TO CENTROID: .528
MIN RADIUS : .498
MEAN RADIUS : 1.390
MAX RADIUS : 2.271
CENTROID X : -.029
CENTROID Y : .527

3 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6340036

CENTERFIRE PATTERN # 1

OF SHOTS= 10

IN CIRCLE

HS= 2.60

2

VS= 3.60

2

GS= 4.12

7

BARBER - M24 0039408

REMINGTON CENTERFIRE ACCURACY TEST

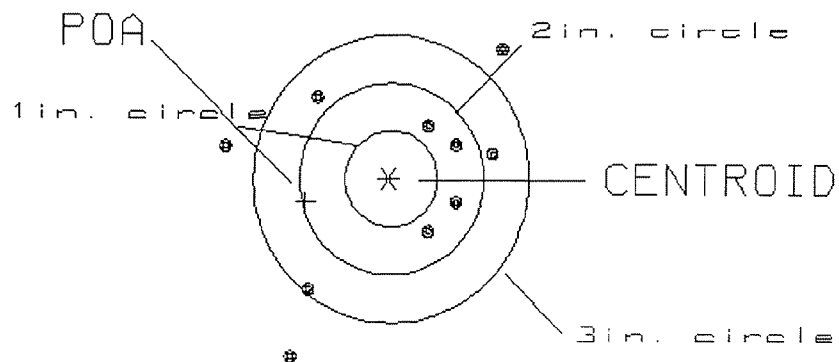
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 2 ☐

POA TO CENTROID: .931
MIN RADIUS : .682
MEAN RADIUS : 1.261
MAX RADIUS : 2.131
CENTROID X : .898
CENTROID Y : .246

3 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348836

CENTERFIRE PATTERN # 2

OF SHOTS= 10

IN CIRCLE

HS= 3.08

0

VS= 3.21

4

GS= 3.98

7

BARBER - M24 0039409

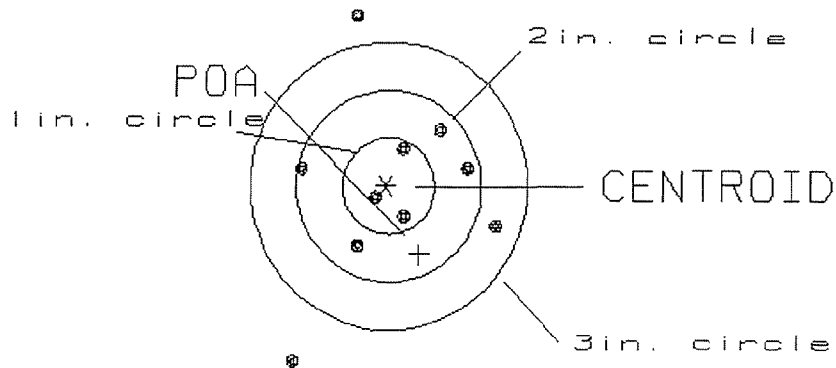
REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 3 ☐
POA TO CENTROID: .800
MIN RADIUS : .157
MEAN RADIUS : .950
MAX RADIUS : 2.055
CENTROID X : -.355
CENTROID Y : .716

3 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348836

CENTERFIRE PATTERN # 3

OF SHOTS= 10

IN CIRCLE

HS= 2.21

3

VS= 3.57

6

GS= 3.62

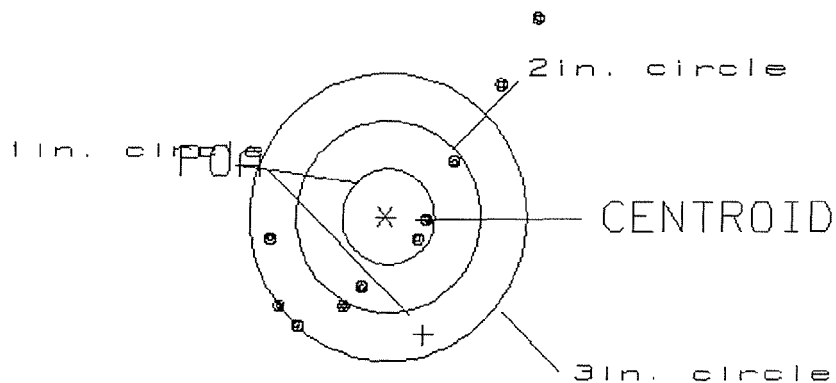
8

PATTERN #: 4
 POA TO CENTROID: 1.295
 MIN RADIUS : .350
 MEAN RADIUS : 1.229
 MAX RADIUS : 2.641
 CENTROID X : -.416
 CENTROID Y : 1.226

3 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6340036

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.95

2

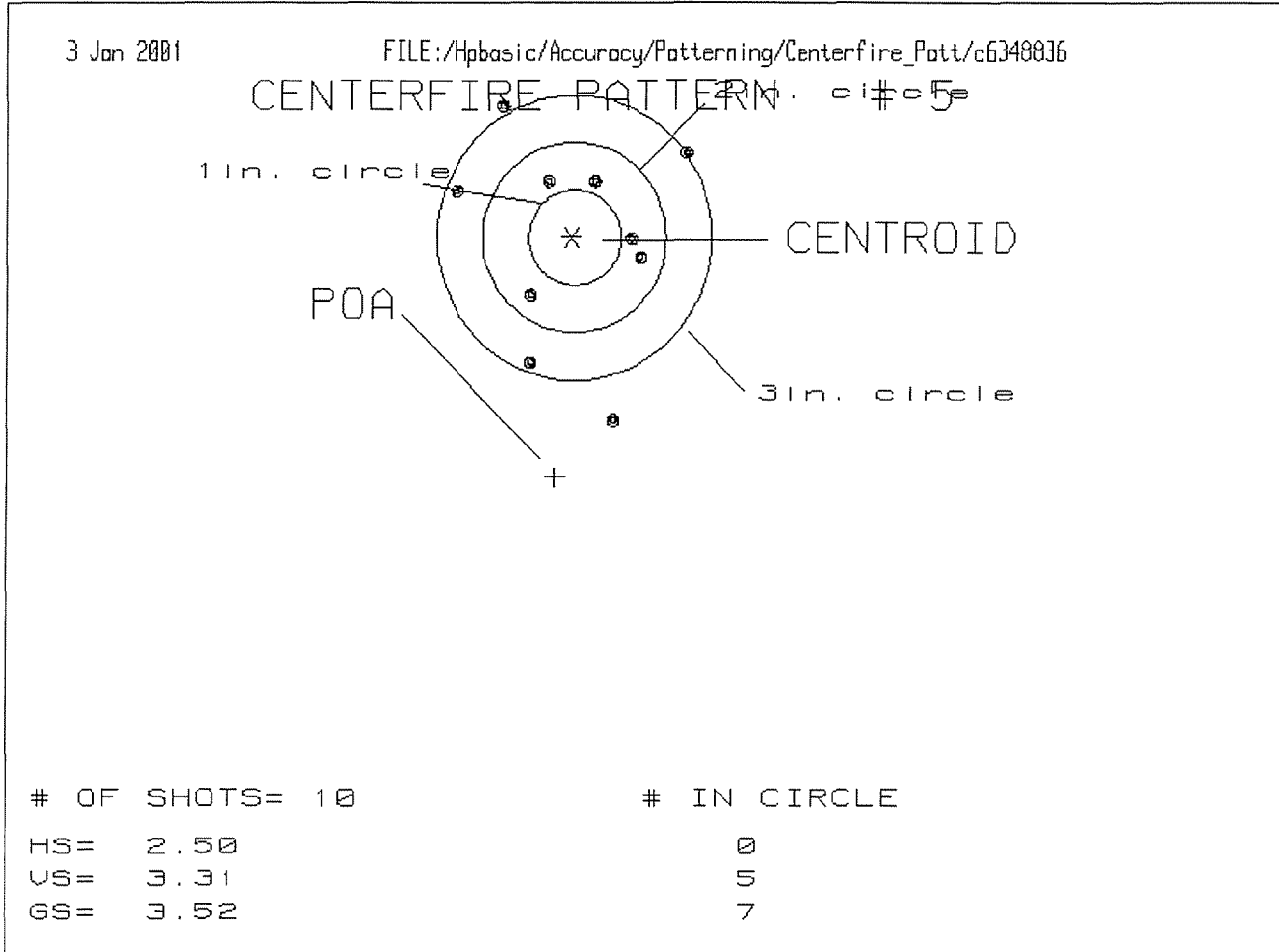
VS= 3.22

4

GS= 4.17

6

PATTERN #: ☐ 5 ☐
 POA TO CENTROID: 2.517
 MIN RADIUS : .596
 MEAN RADIUS : 1.117
 MAX RADIUS : 1.920
 CENTROID X : .179
 CENTROID Y : 2.511



Final Inspection

S.N. C6348836

DATE REC'D: 12-2-00

DATE RET'D:

AUDITOR: CK

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 <i>RE 00018173</i>			
SERIAL NUMBER <i>C 6348836</i>			
LOG-IN DATE <i>12-2-00</i>			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	<i>12-10-00</i>	<i>CK</i>
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	<i>12-7-00</i>	<i>CK</i>
605	CHECK HEADSPACE	<i>12-7-00</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>12-13-00</i>	<i>CK</i>
655	FINAL INSPECT	<i>12-17-00</i>	<i>CK</i>
660	PACK		
		SHIP DATE	
QAR INSPECTION DATE			

RECEIVING BARBER M24 0039453

COMMENTS

ORDER

R 95-10971

INITIAL CUSTOMER ORDER NO.

FJB

W/10X SCOPE SNIPER

ATTN: FRED MARTIN

Scope S/N 89 1334

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

03/30/95

03/31/95

DJ 9-89

C6348836

700

7.62

NATO

ACCESSORIES

SCOPE MNTS

SCOPE BASE

W/ BI POD

FROM:

SHIP TO:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON

AL 36201-5025

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON

AL

36201-5025

CUST NO: 098397 C.O.D

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

7-10-96

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
✓ NEW STOCK
✓ TRIGGER ASSY
✓ FIRING PIN ASSY
✓ Front & Rear Sight Assy

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0039453

op. #	BARBER, M24 0039415 OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	5.5	5.5	5	7-10	REP		
	G) Safety Off Force	4	4	4	7-10	REP		
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.021	.022	.022	7-10	REP		
	J) Assemble Stock				7-10	REP		
	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				7-10	REP		
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test							
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection							
	A) Headspace							
	B) Trigger Pull	2.70	2.50	2.55	2.54	2.50	8/1/96	SF
	C) Function							
660	Pack							

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # *C6348836*

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock			
600	Proof			
607	Check Headspace			
610	Dis-assemble Gun			
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		7-10	REP
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7-10	REP
	C) Inspect Ejector Hole for Chamfer		7-10	REP
	D) Oil Firing Pin Ass'y		7-10	REP
	E) Adjust Trigger Pull to Min Setting and Stake			

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6348836DATE 7-9-96TESTER JA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.63	2.69	2.48		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.48	2.64	2.80		
PULL #3	2.75	2.52	2.81		
PULL #4	2.76	2.74	2.81		
PULL #5	2.74	2.72	2.72		
TOTAL	1334	1331	1362		
AVG.	2.67	2.66	2.72		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.24	3.08		
PULL #2	3.21	3.21		
PULL #3	3.14	3.19		
PULL #4	3.20	3.14		
PULL #5	3.15	3.18		
TOTAL	15.94	15.80		
AVG.	3.18	3.16		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.08	4.03		4.04
PULL #2	4.06	3.90		4.00
PULL #3	4.06	4.05		4.03
PULL #4	4.06	4.00		3.96
PULL #5	4.00	4.01		3.96
TOTAL	20.26	19.99		19.99
AVG.	4.05	3.99		3.99

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348836
1 Jan 1900

CENTROIDAL DISTANCES

0 TO	1	.193662
1 TO	2	.357762
1 TO	3	.550095
1 TO	4	.12886
1 TO	5	.273792

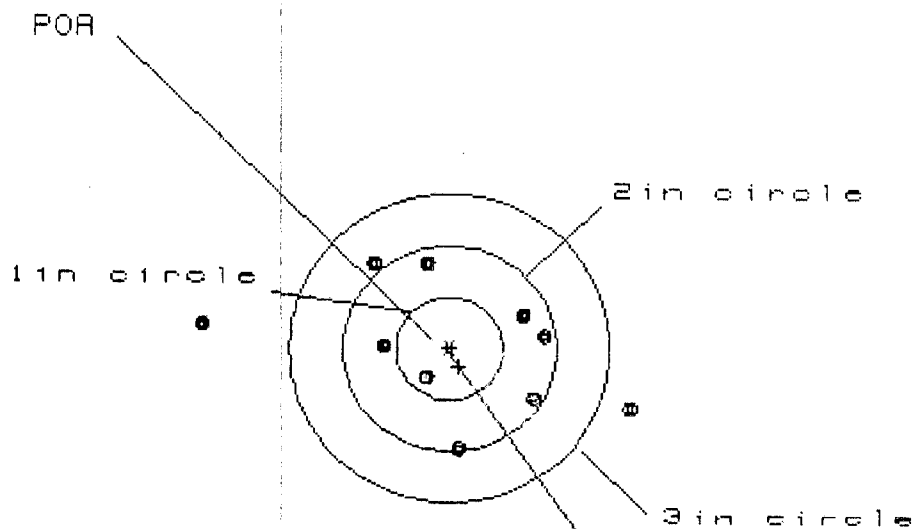
5123 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0818
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .044
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0928829
THE AMP FOR THIS RIFLE IS: 1.148

1 Jan 1908

FILE:/PATTERNING/CENTERFIRE_PATT/C634B836

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 6

3 in = 8

HS= 4.003

VS= 1.852

GS= 4.075

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.679	1.421	.775
MINIMUM X	-2.324	-1.018	-.841
MAXIMUM Y	.835	.855	.785
MINIMUM Y	-1.017	-.997	-1.067
CENTROID X	.089	.169	-.008
CENTROID Y	.172	.152	.222
POA TO CENTROID in.	.194	.228	.222
MIN RADIUS	.301	.491	.391
MEAN RADIUS	1.055	.894	.804
MAX RADIUS	2.331	1.527	1.150
HORIZONTAL SPREAD	4.003	2.439	1.616
VERTICAL SPREAD	1.852	1.852	1.852
EXTREME SPREAD	4.075	2.820	2.029
NUMBER IN ONE INCH CIRCLE	= 1		
NUMBER IN TWO INCH CIRCLE	= 6		
NUMBER IN THREE INCH CIRCLE	= 8		

1 Jan 1900

FILE:/PATTERNING/CENTERFIRE_PATT/CG34B836

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 7

HS= 3.254

VS= 3.322

GS= 4.599

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.966	1.823	1.461
MINIMUM X	-1.287	-1.293	-1.065
MAXIMUM Y	1.286	1.060	1.184
MINIMUM Y	-2.036	-1.927	-1.803
CENTROID X	.216	.340	.132
CENTROID Y	-.015	.211	.087
POA TO CENTROID in.	.217	.417	.158
MIN RADIUS	.324	.322	.431
MEAN RADIUS	1.234	1.088	.953
MAX RADIUS	2.409	2.074	1.542
HORIZONTAL SPREAD	3.254	3.116	2.526
VERTICAL SPREAD	3.322	1.987	1.987
EXTREME SPREAD	4.599	3.229	2.870
NUMBER IN ONE INCH CIRCLE	=	1	
NUMBER IN TWO INCH CIRCLE	=	5	
NUMBER IN THREE INCH CIRCLE	=	7	

1 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C634B836

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 0

2 in = 2

3 in = 3

HS= 4.685

VS= 2.993

GS= 4.993

PATTERN #

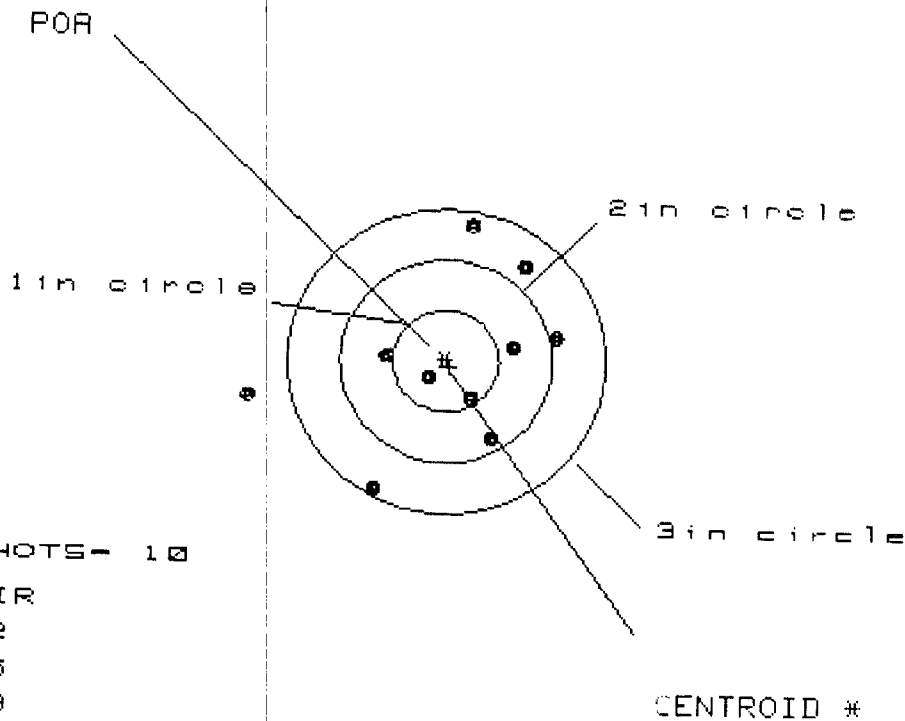
3

SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.597	1.486	1.261
MINIMUM X	-2.088	-1.799	-1.749
MAXIMUM Y	1.634	1.480	1.511
MINIMUM Y	-1.359	-1.411	-1.423
CENTROID X	.457	.129	.393
CENTROID Y	.105	.256	.228
POA TO CENTROID in.	.469	.306	.455
MIN RADIUS	.670	.774	.614
MEAN RADIUS	1.651	1.498	1.432
MAX RADIUS	2.931	2.076	1.901
HORIZONTAL SPREAD	4.685	3.285	3.010
VERTICAL SPREAD	2.993	2.934	2.934
EXTREME SPREAD	4.993	3.684	3.633
NUMBER IN ONE INCH CIRCLE	=	0	
NUMBER IN TWO INCH CIRCLE	=	2	
NUMBER IN THREE INCH CIRCLE	=	3	

1 Jan 1900

FILE: PATTERNING/CENTERFIRE_PATT/C634B836

CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1in = 2

2in = 5

3in = 8

HS = 2.848

VS = 2.534

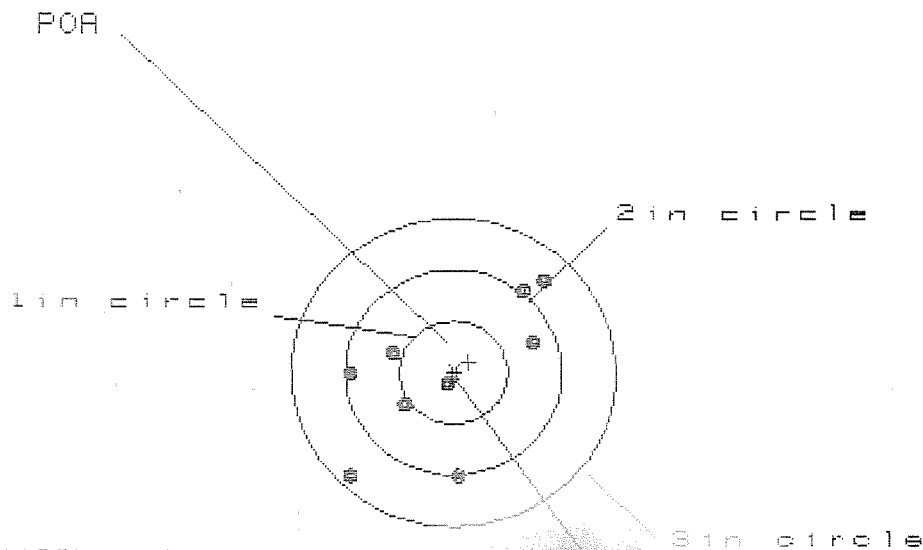
GS = 2.916

PATTERN #	:	4		
SHOTS (BEST OF)	:	10		8
MAXIMUM X	:	1.013		.694
MINIMUM X	:	-1.835		-.883
MAXIMUM Y	:	1.304		1.109
MINIMUM Y	:	-1.230		-.950
CENTROID X	:	-.035	.169	.284
CENTROID Y	:	.055	.092	.250
POA TO CENTROID in.	:	.065	.193	.378
MIN RADIUS	:	.211	.397	.289
MEAN RADIUS	:	.960	.841	.745
MAX RADIUS	:	1.865	1.562	1.114
HORIZONTAL SPREAD	:	2.848	1.722	1.578
VERTICAL SPREAD	:	2.534	2.534	2.059
EXTREME SPREAD	:	2.916	2.695	2.069
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

1 Jan 1968

FILE:/PATTERNING/CENTERFIRE_PATT/C6346836

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 7

3 in = 10

HS= 1.753

VS= 1.962

GS= 2.626

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	8	
MAXIMUM X	.838	.728	.732
MINIMUM X	-.923	-1.025	-.934
MAXIMUM Y	.910	.793	.823
MINIMUM Y	-1.052	-1.083	-.984
CENTROID X	-.140	-.038	-.129
CENTROID Y	-.097	.020	-.079
POA TO CENTROID in.	.170	.043	.151
MIN RADIUS	.127	.268	.146
MEAN RADIUS	.838	.779	.722
MAX RADIUS	1.395	1.084	1.010
HORIZONTAL SPREAD	1.753	1.753	1.666
VERTICAL SPREAD	1.962	1.876	1.807
EXTREME SPREAD	2.626	2.024	1.883
NUMBER IN ONE INCH CIRCLE	=		
NUMBER IN TWO INCH CIRCLE	=		
NUMBER IN THREE INCH CIRCLE	=		

Remington® **DUPONT** REG. U.S. PAT. & TM. OFF.

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

MODEL 700™ M24

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

SERIAL NO.	ORDER NO.
C6348836	5716



5716 C6348836

LPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348836

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 14	89	RW
600	Proof	9 14	89	RW
607	Check Headspace	9 14	89	RW
610	Dis-assemble Gun	9 14	89	RW
612	Magnaflux Barrel Action	9-14-89		KCR
	Magnaflux Bolt	9-14-89		KCR
615	Rollmark Caliber		9-15-89	GS
7	Drill and Tap Sight Holes	9 15	89	48
618	Polish Barrel	9 15	89	BT
620	Apply Coatings (Barrel Action)		9-15-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		9/26/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/26/89	RW
	C) Inspect Ejector Hole for Chamfer		9/26/89	RW
	D) Oil Firing Pin Ass'y		9/26/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/6/89	928

op. #	BARBER - M24 0039426 OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	7	7	7	10/17/89	JH		
	G) Safety Off Force	4	4	4	10/17/89	JH		
	H) Trigger Pull Test & Retainability				10/17/89	JH		
	I) Firing Pin Indent	.021	.020	.0215	10/17/89	JH		
	J) Assemble Stock				10/18/89	AW		
	K) Assemble Swivel Studs				10/18/89	JH		
	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				10/18/89	JH		
	P) Detach & Attach Scope 20 Times				10/18/89	JH		
640	Gallery Target & Test				10-19-89	JH		
	A) Time				10-19-89	JH		
	B) Malfunctions				10-19-89	JH		
	C) Pierced Primers				10-19-89	JH		
	D) Optical Clarity of Scope				10-19-89	JH		
645	Inspect for Live Ammo				10-19-89	JH		
655	Final Inspection							
	A) Headspace				10/18/89	JH		
	B) Trigger Pull	225	232	235	230	237	10/18/89	JH
	C) Function						10/18/89	JH
660	Pack						10/18/89	JH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C634 8836

DATE 13 Mar 90

TESTER QD

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.24	2.30	2.24	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.09	2.44	2.29	
PULL #3	2.14	2.29	2.30	
PULL #4	2.40	2.43	2.28	
PULL #5	2.33	2.46	2.19	
TOTAL	11.20	11.92		
AVG.	2.24	2.384		

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.13	2.90	
PULL #2	2.98	2.87	
PULL #3	2.96	2.90	
PULL #4	2.83	2.87	
PULL #5	2.90	2.98	
TOTAL	14.80	14.52	
AVG.	2.96	2.904	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.01	3.89		
PULL #2	3.89	3.86		
PULL #3	3.89	3.79		
PULL #4	3.91	3.80		
PULL #5	3.85	3.87		
TOTAL	19.55	19.01		
AVG.	3.91	3.802		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06348836
19 Oct 1989

CENTROIDAL DISTANCES

0 TO	1	.783204
1 TO	2	.884005
1 TO	3	1.11969
1 TO	4	1.28264
1 TO	5	.703921

$\frac{1}{5} \sum_{i=1}^5 x_i^2$ (----FOR

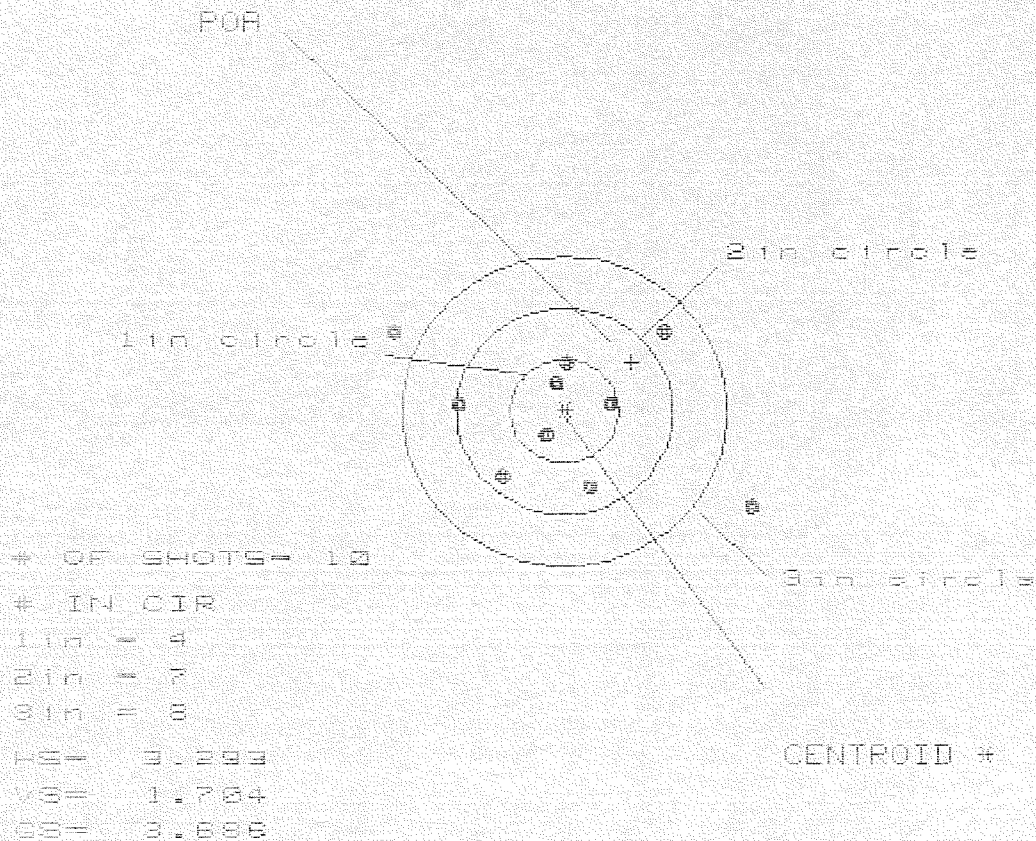
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .10288
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0434
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0520865

THE AMR FOR THIS RIFLE IS: 1.005

19 Oct 1985

FILE: PATTERNING/CENTERFIRE_PATT/06346836

CENTERFIRE PATTERNS # 1



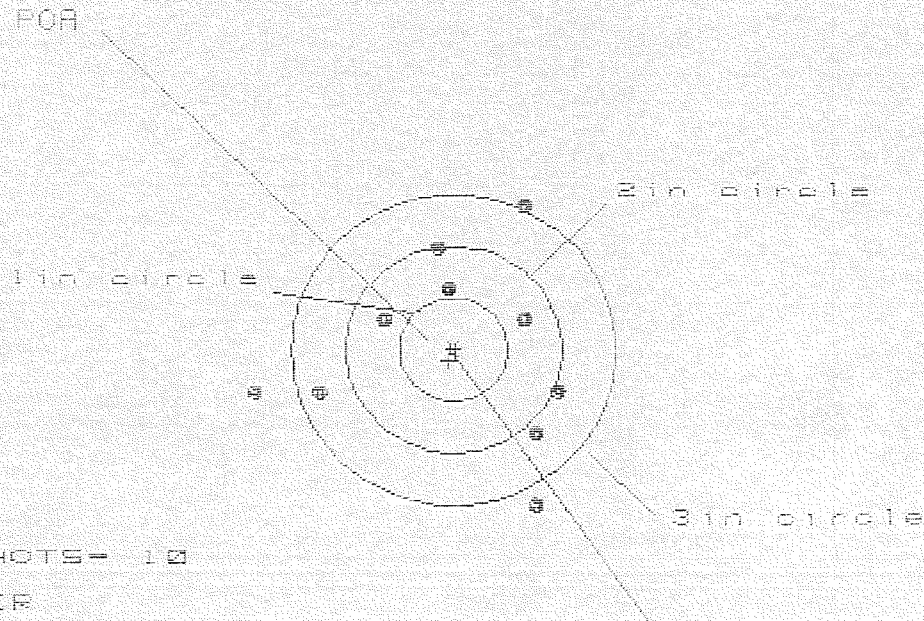
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.744	1.091	.922
MINIMUM X	-1.549	-1.355	-.947
MAXIMUM Y	.804	.704	.736
MINIMUM Y	-.900	-.828	-.746
CENTROID X	-.625	-.819	-.650
CENTROID Y	-.472	-.372	-.454
POA TO CENTROID in.	.783	.899	.792
MIN RADIUS	.278	.193	.264
MEAN RADIUS	.397	.771	.658
MAX RADIUS	1.963	1.505	1.211
HORIZONTAL SPREAD	3.293	2.446	1.869
VERTICAL SPREAD	1.704	1.532	1.532
EXTREME SPREAD	3.686	2.446	2.065
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	8		

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FILE:/PATTERNING/CENTERFIRE_PATT/0534B036

CENTERFIRE PATTERNS

2



OF SHOTS = 10

IN CIR

1 in = 0

2 in = 3

3 in = 7

HS = 2.816

VS = 2.876

CS = 3.102

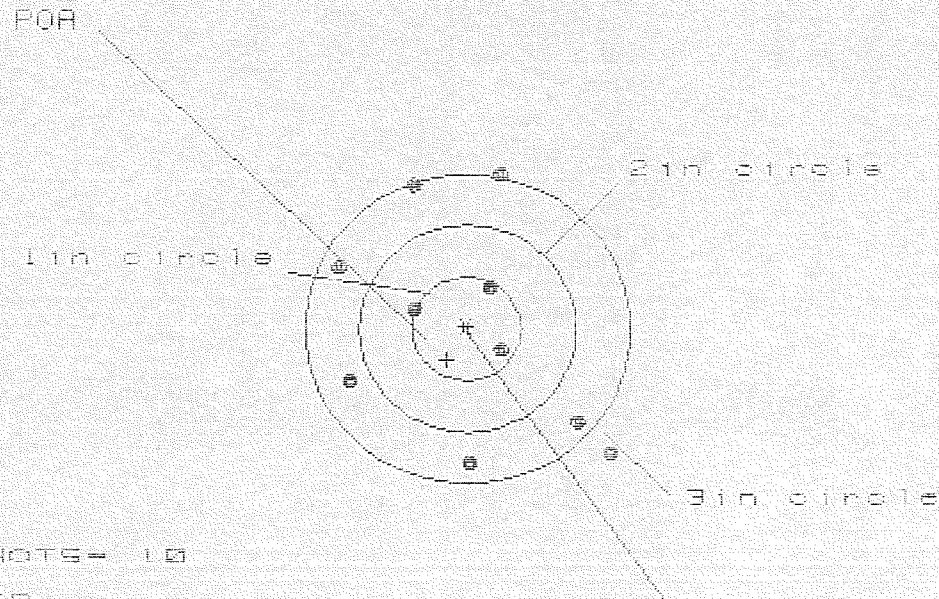
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.001	.799	.868
MINIMUM X	-1.815	-1.435	-1.366
MAXIMUM Y	1.366	1.316	1.122
MINIMUM Y	-1.510	-1.560	-1.040
CENTROID X	.043	.245	.176
CENTROID Y	.107	.157	.352
POA TO CENTROID in.	.115	.290	.393
MIN RADIUS	.584	.492	.376
MEAN RADIUS	1.154	1.049	.938
MAX RADIUS	1.869	1.653	1.504
HORIZONTAL SPREAD	2.816	2.234	2.234
VERTICAL SPREAD	2.876	2.876	2.162
EXTREME SPREAD	3.102	2.876	2.609
NUMBER IN ONE INCH CIRCLE	=	0	
NUMBER IN TWO INCH CIRCLE	=	3	
NUMBER IN THREE INCH CIRCLE	=	7	

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CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 3

3 in = 8

HS = 2.524

VSF = 2.799

GS = 3.119

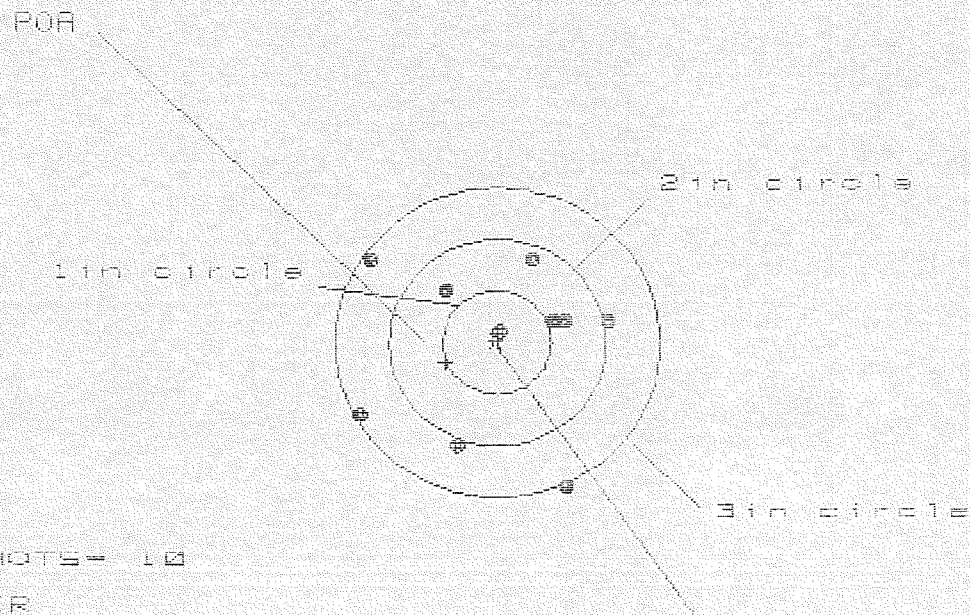
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	3
MAXIMUM X	1.342	1.122	1.183
MINIMUM X	-1.182	-1.033	-0.973
MAXIMUM Y	1.532	1.404	1.408
MINIMUM Y	-1.267	-1.395	-1.220
CENTROID X	.186	.037	-.024
CENTROID Y	.300	.428	.253
POA TO CENTROID in.	.353	.430	.254
MIN RADIUS	.407	.372	.393
MEAN RADIUS	1.134	1.047	.988
MAX RADIUS	1.769	1.542	1.475
HORIZONTAL SPREAD	2.524	2.155	2.155
VERTICAL SPREAD	2.799	2.799	2.628
EXTREME SPREAD	3.119	2.815	2.726
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =		8	

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CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS = 2.295

VS = 2.211

OS = 2.796

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.057	1.125	.979
MINIMUM X	-1.238	-1.170	-1.218
MAXIMUM Y	.841	.688	.585
MINIMUM Y	-1.371	-1.101	-1.204
CENTROID X	.473	.405	.551
CENTROID Y	.191	.344	.447
POA TO CENTROID in.	.510	.531	.710
MIN RADIUS	.113	.149	.165
MEAN RADIUS	.934	.857	.746
MAX RADIUS	1.501	1.431	1.337
HORIZONTAL SPREAD	2.295	2.295	2.197
VERTICAL SPREAD	2.211	1.789	1.789
EXTREME SPREAD	2.796	2.465	2.272
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

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CENTERFIRE PATTERNS

5

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS = 10

IN CIR

1in = 2

2in = 6

3in = 9

HS = 2.329

VS = 2.579

GS = 3.082

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.373
MINIMUM X	-1.956
MAXIMUM Y	1.370
MINIMUM Y	-1.209
CENTROID X	.067
CENTROID Y	-.343
POA TO CENTROID in.	.349
MIN RADIUS	.238
MEAN RADIUS	.904
MAX RADIUS	1.939
HORIZONTAL SPREAD	2.329
VERTICAL SPREAD	2.579
EXTREME SPREAD	3.082
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	6
NUMBER IN THREE INCH CIRCLE =	9