

C6523326

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Remington ®		DU PONT REG. U.S. PAT. & TM. OFF.	VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700™ H24		SERIAL NO. C6523326	ORDER NO. 5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off, Marca Registrada Marque Deposee.		01	
 5716 C6523326			

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6523326

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10 2 90	10/2/90	RW
600	Proof	10 2 90	10/2/90	RW
607	Check Headspace	10 2 90	10/2/90	RW
610	Dis-assemble Gun	10 2 30	10/2/90	RW
612	Magnaflux Barrel Action		10/2/90	KR
	Magnaflux Bolt		10/2/90	KR
615	Rollmark Caliber		10/2/90	GL
617	Drill and Tap Sight Holes		10/4/90	LB
618	Polish Barrel <i>LB</i>		10/5/90	LB
620	Apply Coatings (Barrel Action)		10/20/90	JA
	Apply Coating (Bolt)		10/20/90	JA
625	Final Assembly A) Clean inside of Bolt Assembly		10/22/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/22/90	RW
	C) Inspect Ejector Hole for Chamfer		10/22/90	RW
	D) Oil Firing Pin Ass'y		10/22/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11/5/90	GL

op. #	BARBER - M24 0006097 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			11/5/90	WB
	G) Safety Off Force	2	2	2			11/5/90	WB
	H) Trigger Pull Test & Retainability						11/5/90	JH
	I) Firing Pin Indent	.020	.0205	.0205			11/5/90	WB
	J) Assemble Stock						11/5/90	RW
	K) Assemble Swivel Studs						11-20-90	D/H
	L) Attach Front and Rear Sight Assemblies						11/5/90	RW
	M) Iron Sight Alignment						11/5/90	RW
	N) Detach Front & Rear Sights & place in numbered container						11/5/90	RW
	O) Attach Scope to Rifle						11/5/90	RW
	P) Detach & Attach Scope 20 Times						11/5/90	RW
640	Gallery Target & Test						11-7-90	AC
	A) Time						11-7-90	AC
	B) Malfunctions						11-7-90	AC
	C) Pierced Primers						11-7-90	AC
	D) Optical Clarity of Scope						11-7-90	AC
645	Inspect for Live Ammo						11-7-90	AC
655	Final Inspection							
	A) Headspace						11-20-90	DH
	B) Trigger Pull	276	269	271	269	270	11-20-90	DH
	C) Function						11-20-90	DH
660	Pack						12-18-90	D/H

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6523326DATE 11/5/90TESTER JF

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.46	2.50	2.32	2.76	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.47	2.40	2.38	2.69	
PULL #3	2.45	2.38	2.38	2.76	
PULL #4	2.50	2.38	2.33	2.69	
PULL #5	2.35	2.37	2.35	2.90	
TOTAL	12.23	12.03	11.76		
AVG.	2.446	2.406	2.352		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.27	3.37		
PULL #2	3.25	3.40		
PULL #3	3.26	3.34		
PULL #4	3.23	3.37		
PULL #5	3.38	3.40		
TOTAL	16.39	16.88		
AVG.	3.278	3.376		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.28	4.21		4.19
PULL #2	4.19	4.24		4.27
PULL #3	4.21	4.18		4.26
PULL #4	4.33	4.20		4.23
PULL #5	4.22	4.27		4.28
TOTAL	21.27	21.10		21.23
AVG.	4.246	4.22		4.246

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06523326
7 Nov 1990

CENTROIDAL DISTANCES

0 TO	1	.275282
1 TO	2	.21422
1 TO	3	.127028
1 TO	4	.223665
1 TO	5	.452179

0
5

<----POA

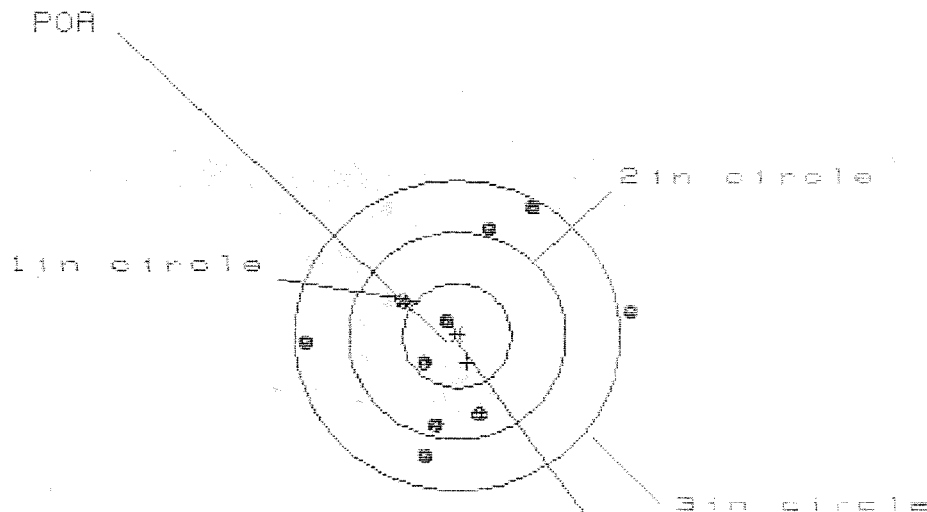
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0674
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1718
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .184548

THE AMR FOR THIS RIFLE IS: .8962

7 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08523328

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 3

HE= 2.975

VS= 2.381

GS= 2.983

CENTROID #

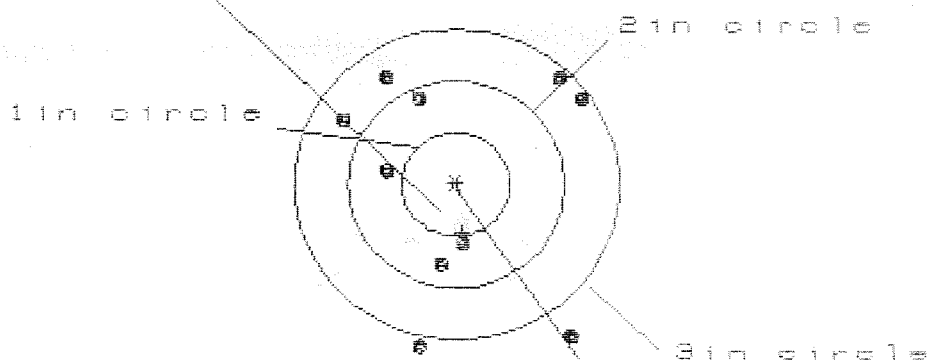
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.572	.821	.612
MINIMUM X	-1.403	-1.229	-1.126
MAXIMUM Y	1.264	1.286	1.266
MINIMUM Y	-1.117	-1.095	-1.935
CENTROID X	-.096	-.271	-.374
CENTROID Y	.258	.236	.075
POA TO CENTROID in.	.276	.360	.381
MIN RADIUS	.189	.181	.069
MEAN RADIUS	.963	.862	.752
MAX RADIUS	1.584	1.525	1.406
HORIZONTAL SPREAD	2.975	2.050	1.738
VERTICAL SPREAD	2.381	2.381	2.201
EXTREME SPREAD	2.983	2.549	2.281
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

7 Nov 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C8523326

CENTERFIRE PATTERNS # 2

POA



OF SHOTS= 10

IN CIR

1in = 4

2in = 4

3in = 2

HS= 2.179

VS= 2.590

GS= 3.028

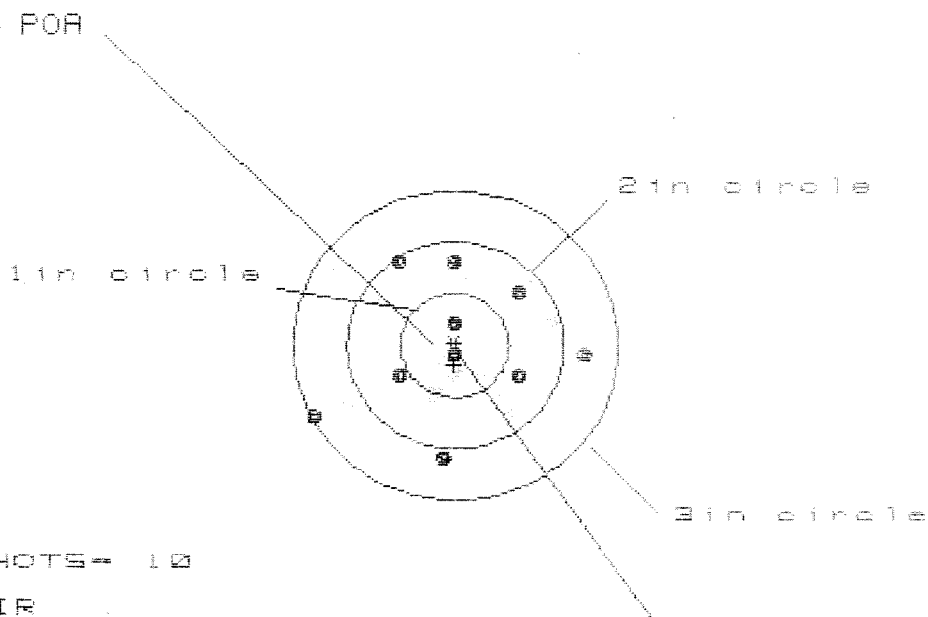
CENTROID *

PATTERN #	2
SHOTS (BEST OF)	10
MAXIMUM X	1.188
MINIMUM X	-.991
MAXIMUM Y	1.032
MINIMUM Y	-1.558
CENTROID X	-.059
CENTROID Y	.469
POA TO CENTROID in.	.473
MIN RADIUS	.558
MEAN RADIUS	1.149
MAX RADIUS	1.802
HORIZONTAL SPREAD	2.179
VERTICAL SPREAD	2.590
EXTREME SPREAD	3.028
NUMBER IN ONE INCH CIRCLE	4
NUMBER IN TWO INCH CIRCLE	4
NUMBER IN THREE INCH CIRCLE	2

7 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523326

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 7

3 in = 10

HS = 2.441

VS = 1.880

GS = 2.522

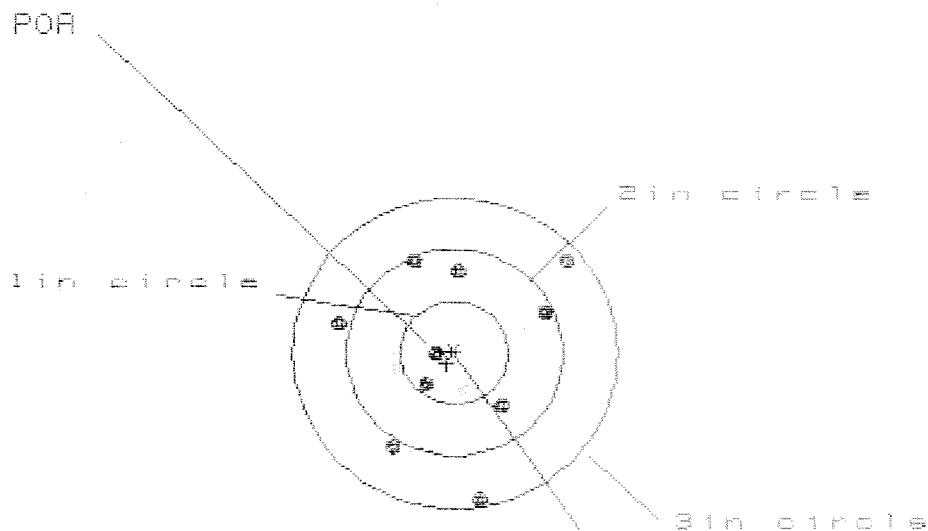
CENTROID #

PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.173	1.032	.592
MINIMUM X	-1.268	-.606	-.477
MAXIMUM Y	.821	.747	.732
MINIMUM Y	-1.058	-1.133	-1.147
CENTROID X	.010	.151	.022
CENTROID Y	.188	.262	.276
POA TO CENTROID in.	.188	.302	.277
MIN RADIUS	.071	.212	.142
MEAN RADIUS	.773	.698	.634
MAX RADIUS	1.435	1.156	1.152
HORIZONTAL SPREAD	2.441	1.638	1.069
VERTICAL SPREAD	1.880	1.880	1.880
EXTREME SPREAD	2.522	1.917	1.917
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

7 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8523326

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 10

HS= 2.146

VS= 2.387

GS= 2.421

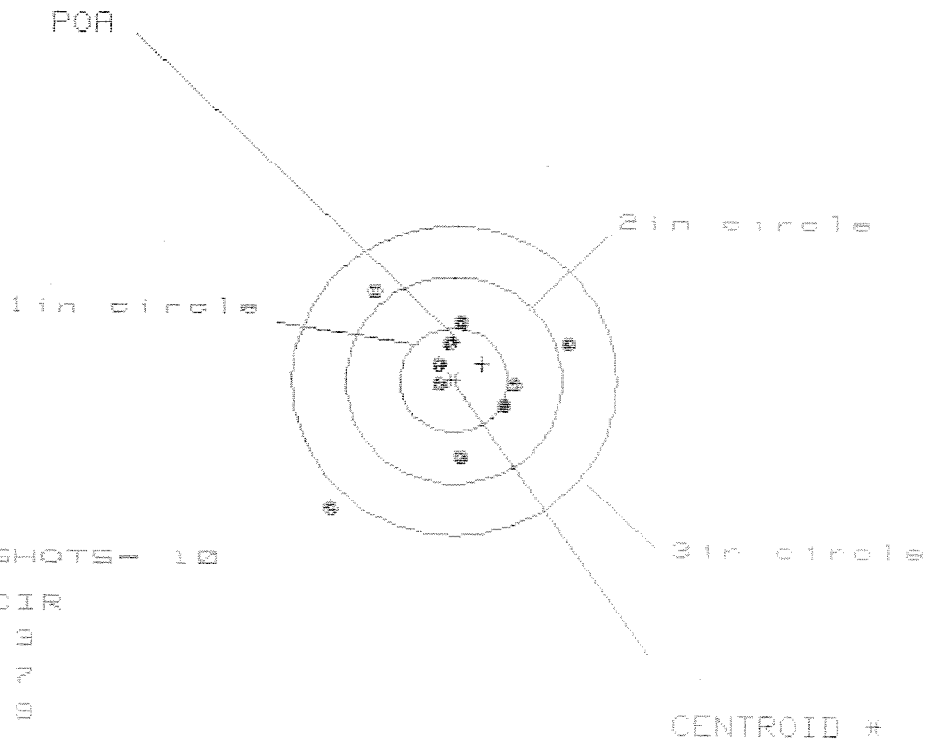
CENTROID #

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.053	1.077	1.005
MINIMUM X	-1.093	-1.069	-.934
MAXIMUM Y	.981	.723	.889
MINIMUM Y	-1.425	-1.022	-.936
CENTROID X	.069	.045	-.090
CENTROID Y	.107	.266	.180
POA TO CENTROID in.	.128	.270	.201
MIN RADIUS	.109	.254	.114
MEAN RADIUS	.899	.835	.752
MAX RADIUS	1.442	1.278	1.070
HORIZONTAL SPREAD	2.146	2.146	1.939
VERTICAL SPREAD	2.387	1.745	1.745
EXTREME SPREAD	2.421	2.379	1.948
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

7 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8523326

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 9

HS= 2.196

VS= 2.069

GS= 2.718

PATTERN #

5

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.030

.901

.793

MINIMUM X

-1.166

-.863

-.372

MAXIMUM Y

.848

.712

.519

MINIMUM Y

-1.221

-.859

-.770

CENTROID X

-.261

-.132

-.024

CENTROID Y

-.163

-.027

-.116

POA TO CENTROID in.

.308

.135

.118

MIN RADIUS

.110

.264

.346

MEAN RADIUS

.697

.578

.511

MAX RADIUS

1.688

1.119

.860

HORIZONTAL SPREAD

2.196

1.764

1.165

VERTICAL SPREAD

2.069

1.571

1.289

EXTREME SPREAD

2.718

1.825

1.464

NUMBER IN ONE INCH CIRCLE =

3

NUMBER IN TWO INCH CIRCLE =

7

NUMBER IN THREE INCH CIRCLE =

9

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 94-18394

INITIAL	CUSTOMER ORDER NO.		W/10X SCOPE, M-24 SNIPER, W/DEPLOYMENT KIT		
FDC	DAAA09-92-C-0834		ATTN: FRED MARTIN		
DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
06/11/94	06/11/94		C6523326		700 7.62 NATO
ACCESSORIES SLING STRAP HARD CASE SCOPE MNTS SCOPE BASE					

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
					FRT
GUN CONDITION					REPAIR CHARGE
☐ NEW					EXCISE
☐ LIGHTLY WORN					TAX
☐ WORN					INSURANCE
☐ VERY WORN					UPS
☐ UNREPAIRABLE					PARCEL POST
☐ MARRED					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 \$643.42	
✓ Stock 471.11	
✓ Trigger Assy 173.31	
✓ Firing pin Assy 9.96	
✓ Mag Box 2.06	
✓ Mag follower 6.12	
✓ Mag Spring 1.20	
CTI 50.00	
#1357.65	
REPAIRMAN	PROOF
GALLERY TESTER	DATE
CLEAN	TEST
DATE	TARGET
DATE	PATTERN

OFFICE COPY

RD6925 REV. 1/84

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0006105 006144

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6523326

DATE 11-7-95

TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.64	2.70	2.54		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.51	2.75	2.46		
PULL #3	2.69	2.58	2.47		
PULL #4	2.62	2.59	2.61		
PULL #5	2.57	2.59	2.47		
TOTAL	13.03	13.21	12.57		
AVG.	2.60	2.64	2.51		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.29	3.15		
PULL #2	3.22	3.18		
PULL #3	3.17	3.20		
PULL #4	3.17	3.24		
PULL #5	3.24	3.25		
TOTAL	16.03	16.04		
AVG.	3.20	3.20		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.10	4.15		4.01
PULL #2	4.16	4.20		4.22
PULL #3	4.09	4.22		4.12
PULL #4	4.16	4.18		4.03
PULL #5	4.24	4.17		4.15
TOTAL	20.75	20.92		20.53
AVG.	4.15	4.18		4.10

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6523326

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			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head			
	C) Inspect Ejector Hole for Chamfer			
	D) Oil Firing Pin Ass'y			
	E) Adjust Trigger Pull to Min Setting and Stake			

BARBER - M24 0006108

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5 1/2	5 1/2	5 1/2			1/24/96	WB
	G) Safety Off Force	3 1/2	3 1/2	3 3/4			1/24/96	WB
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.020	.0205	.0205			1/24/96	WB
	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						1/22/96	WB
	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	2.46	2.47	2.40	2.55	2.49	1/24/96	WB
	C) Function							
660	Pack							

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523326
1 Jan 1900

CENTROIDAL DISTANCES

```
0 TO 1 1.14722
1 TO 2 .740396
1 TO 3 .575438
1 TO 4 .249191
1 TO 5 .267711
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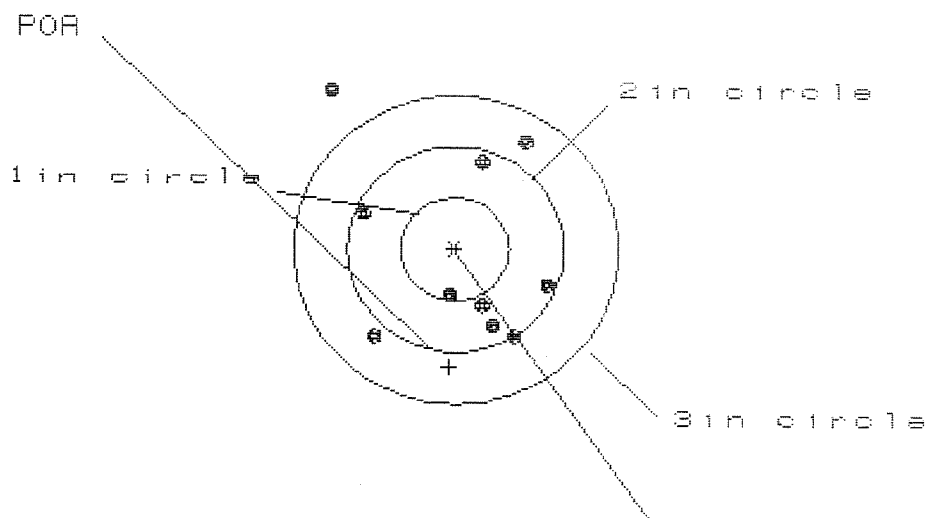
$\mu_{\text{A}_1\text{CH}_3}$
 $\mu_{\text{A}_1\text{CH}_3} + \text{C} \text{ --- } \text{POA}$

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THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.077
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: 1.1188
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 1.12145
THE AMR FOR THIS RIFLE IS: .9474
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1 Jan 1900

FILE:/PATTERNING/CENTERFIRE_PATT/06523326

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 7

3 in = 9

HS= 2.058

VS= 2.351

GS= 2.899

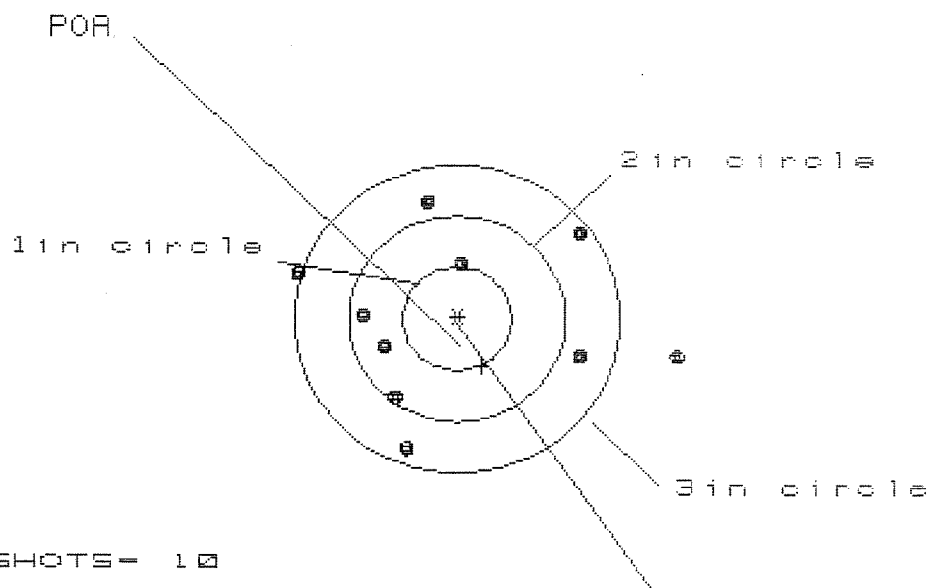
CENTROID *

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.868	.736	.801
MINIMUM X	:	-1.190	-.980	-.915
MAXIMUM Y	:	1.531	1.177	1.141
MINIMUM Y	:	-.820	-.650	-.503
CENTROID X	:	.053	.185	.120
CENTROID Y	:	1.146	.976	.829
POA TO CENTROID in.	:	1.147	.994	.838
MIN RADIUS	:	.470	.360	.205
MEAN RADIUS	:	.975	.811	.709
MAX RADIUS	:	1.939	1.287	1.150
HORIZONTAL SPREAD	:	2.058	1.716	1.716
VERTICAL SPREAD	:	2.351	1.827	1.644
EXTREME SPREAD	:	2.899	2.293	1.894
NUMBER IN ONE INCH CIRCLE =	:	1		

1 Jan 1900

FILE:/PATTERNING/CENTERFIRE_PATT/C6523326

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 4

3 in = 8

HS= 3.521

VS= 2.350

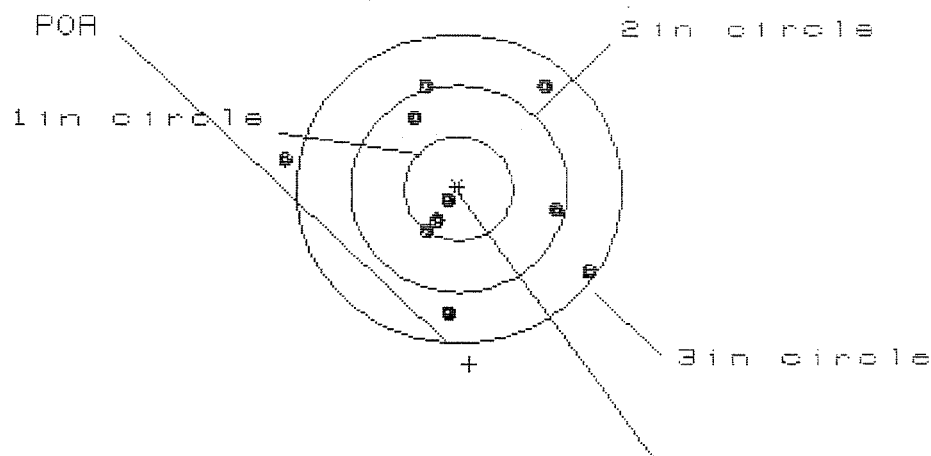
GS= 3.612

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.067	1.366	1.213
MINIMUM X	:	-1.454	-1.225	-0.774
MAXIMUM Y	:	1.114	1.074	1.124
MINIMUM Y	:	-1.236	-1.276	-1.226
CENTROID X	:	-0.228	-0.457	-0.304
CENTROID Y	:	0.461	0.501	0.451
POA TO CENTROID in.	:	0.514	0.678	0.544
MIN RADIUS	:	0.508	0.516	0.530
MEAN RADIUS	:	1.167	1.019	0.995
MAX RADIUS	:	2.098	1.604	1.505
HORIZONTAL SPREAD	:	3.521	2.591	1.987
VERTICAL SPREAD	:	2.350	2.350	2.350
EXTREME SPREAD	:	3.612	2.687	2.687
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

1 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08583328

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS= 2.742

VS= 2.235

GS= 2.974

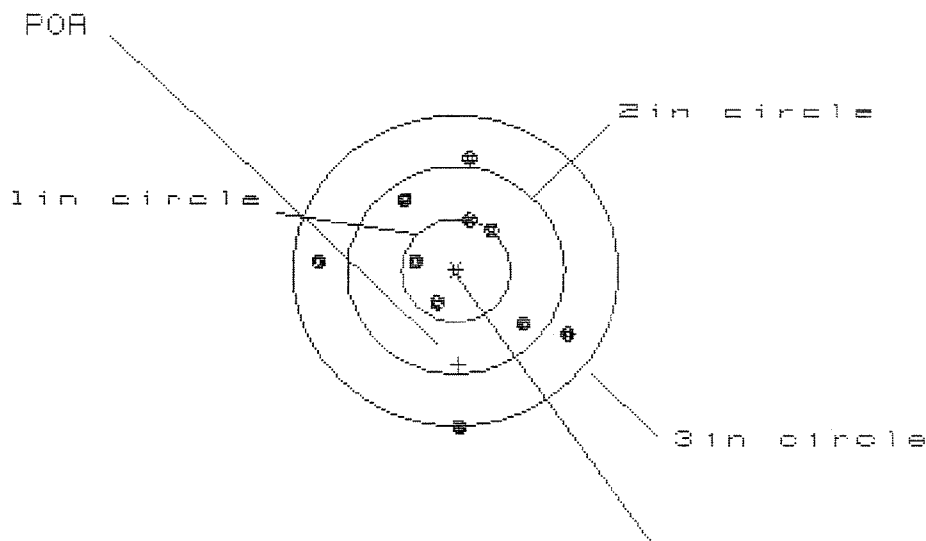
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.173	.999	.898
MINIMUM X	:	-1.569	-.538	-.414
MAXIMUM Y	:	1.017	1.055	.958
MINIMUM Y	:	-1.218	-1.180	-1.277
CENTROID X	:	-.099	.075	-.049
CENTROID Y	:	1.701	1.663	1.760
POA TO CENTROID in.	:	1.704	1.665	1.760
MIN RADIUS	:	.158	.316	.231
MEAN RADIUS	:	.227	.279	.220
MAX RADIUS	:	1.606	1.262	1.287
HORIZONTAL SPREAD	:	2.742	1.537	1.312
VERTICAL SPREAD	:	2.235	2.235	2.235
EXTREME SPREAD	:	2.974	2.381	2.381
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

1 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8529326

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 6

3 in = 10

HS= 2.273

VS= 2.527

GS= 2.532

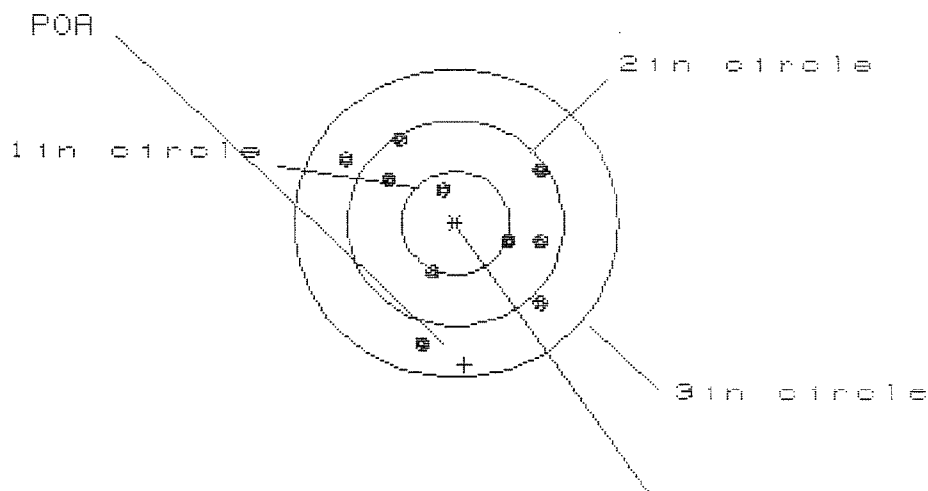
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.978	.978	.817
MINIMUM X	:	-1.295	-1.295	-.586
MAXIMUM Y	:	1.057	.893	.890
MINIMUM Y	:	-1.470	-.769	-.772
CENTROID X	:	-.027	-.027	.134
CENTROID Y	:	.910	1.074	1.077
POA TO CENTROID in.	:	.911	1.074	1.085
MIN RADIUS	:	.313	.353	.243
MEAN RADIUS	:	.829	.735	.660
MAX RADIUS	:	1.470	1.295	1.123
HORIZONTAL SPREAD	:	2.273	2.273	1.402
VERTICAL SPREAD	:	2.527	1.662	1.662
EXTREME SPREAD	:	2.532	2.392	1.917
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

CENTROID #

IN CIR

1in = 2

2in = 7

3in = 10

HS= 1.816

VS= 2.059

GS= 2.309

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.825	.793	.665
MINIMUM X	:	-.991	-1.023	-.808
MAXIMUM Y	:	.862	.729	.791
MINIMUM Y	:	-1.197	-.926	-.864
CENTROID X	:	-.084	-.052	.076
CENTROID Y	:	1.376	1.509	1.447
POA TO CENTROID in.	:	1.379	1.510	1.449
MIN RADIUS	:	.339	.253	.360
MEAN RADIUS	:	.839	.784	.732
MAX RADIUS	:	1.231	1.219	1.090
HORIZONTAL SPREAD	:	1.816	1.816	1.473
VERTICAL SPREAD	:	2.059	1.655	1.655
EXTREME SPREAD	:	2.309	2.309	2.101
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	