

C6611416

MODEL 700TM M24

Model **SWS** TM

Action

Barrel Length

Capacity

Order No. **5715**

* Includes 1 in chamber.

Remington

Remington®

MODEL 700™ H24

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

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

SERIAL NO.
C6611416

ORDER NO.
5716

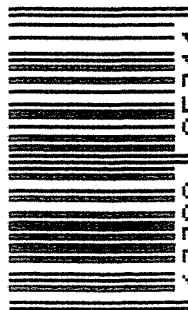
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MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.



5716 C6611416

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6611416

GFM

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1 25 91		RW
600	Proof	1 25 91		RW
607	Check Headspace	1 25 91		RW
610	Dis-assemble Gun	1 25 91		RW
612	Magnaflux Barrel Action	1 25 91		KR
	Magnaflux Bolt	1 25 91		KR
615	Rollmark Caliber	1 25 91		ZS
617	Drill and Tap Sight Holes	1 30 91		LB
618	Polish Barrel RBB	1 30 91		WB
620	Apply Coatings (Barrel Action)		2-10-91	JH
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		2/12/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/12/91	RW
	C) Inspect Ejector Hole for Chamfer		2/12/91	RW
	D) Oil Firing Pin Ass'y		2/12/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2/18/91	RW

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 1/2	4 1/2	4 1/2			7/18/91	WB
	G) Safety Off Force	2 1/4	2 1/4	2 1/4			7/18/91	WB
	H) Trigger Pull Test & Retainability						2/18/91	DL
	I) Firing Pin Indent	.0225	.0225	.0225			7/18/91	WB
	J) Assemble Stock						4/4/91	RW
	K) Assemble Swivel Studs						4-8-91	DH
	L) Attach Front and Rear Sight Assemblies						4/4/91	RW
	M) Iron Sight Alignment						4/4/91	RW
	N) Detach Front & Rear Sights & place in numbered container						4/4/91	RW
	O) Attach Scope to Rifle						4/4/91	RW
	P) Detach & Attach Scope 20 Times						4/4/91	RW
640	Gallery Target & Test						4-5-91	AC
	A) Time						4-5-91	AC
	B) Malfunctions						4-5-91	AC
	C) Pierced Primers						4-5-91	AC
	D) Optical Clarity of Scope						4-5-91	AC
645	Inspect for Live Ammo						4-5-91	AC
655	Final Inspection						4-8-91	DH
	A) Headspace						4-8-91	DL
	B) Trigger Pull	2.52	2.44	2.38	2.37	2.33	4/8/91	DL
	C) Function						4-8-91	DH
660	Pack						6-18-91	AC

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. 06611416

DATE 2/18/91

TESTER DJK

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.45	2.23	2.36	2.52	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.35	2.24	2.39	2.44	
PULL #3	2.30	2.25	2.24	2.38	
PULL #4	2.33	2.19	2.38	2.37	
PULL #5	2.33	2.33	2.31	2.33	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.18	3.29		
PULL #2	3.21	3.21		
PULL #3	3.41	3.21		
PULL #4	3.30	3.19		
PULL #5	3.39	3.27		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.43	4.27		4.26
PULL #2	4.41	4.43		4.27
PULL #3	4.47	4.47		4.30
PULL #4	4.52	4.40		4.25
PULL #5	4.48	4.42		4.29
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06611416
5 Apr 1991

CENTROIDAL DISTANCES

0 TO 1	.152643
1 TO 2	.375832
1 TO 3	.0880227
1 TO 4	.187267
1 TO 5	.186775

3 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.067
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0058
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0672506
THE BMR FOR THIS RIFLE IS: .0024

5 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611416

CENTERFIRE PATTERNS # 1

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 3

2in = 9

3in = 10

HS= 1.760

VS= 1.573

GS= 2.181

CENTROID *

PATTERN #

SHOTS (BEST OF)

MAXIMUM X

MINIMUM X

MAXIMUM Y

MINIMUM Y

CENTROID X

CENTROID Y

POA TO CENTROID in.

MIN RADIUS

MEAN RADIUS

MAX RADIUS

HORIZONTAL SPREAD

VERTICAL SPREAD

EXTREME SPREAD

NUMBER IN ONE INCH CIRCLE =

NUMBER IN TWO INCH CIRCLE =

NUMBER IN THREE INCH CIRCLE =

10

.945

-.815

.993

-.580

-.056

.142

.153

.213

.660

1.371

1.760

1.573

2.181

3

9

10

9

.857

-.710

.606

-.469

-.161

.032

.164

.129

.554

.877

1.567

1.075

1.664

3

9

10

8

.768

-.764

.653

-.422

-.073

-.015

.074

.195

.528

.781

1.533

1.075

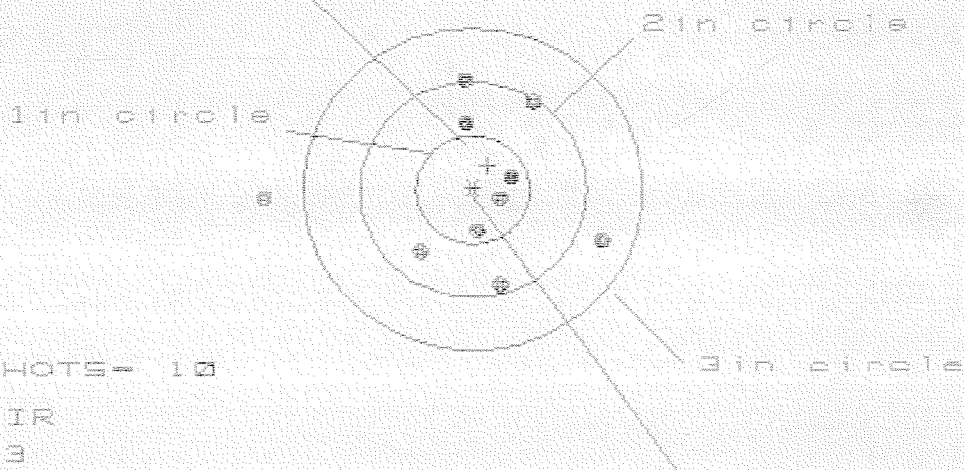
1.555

5 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6511416

CENTERFIRE PATTERNS # 2

POA



OF SHOTS= 10

IN CIR

1in = 3

2in = 7

3in = 9

HS= 2.989

VS= 1.914

GS= 3.013

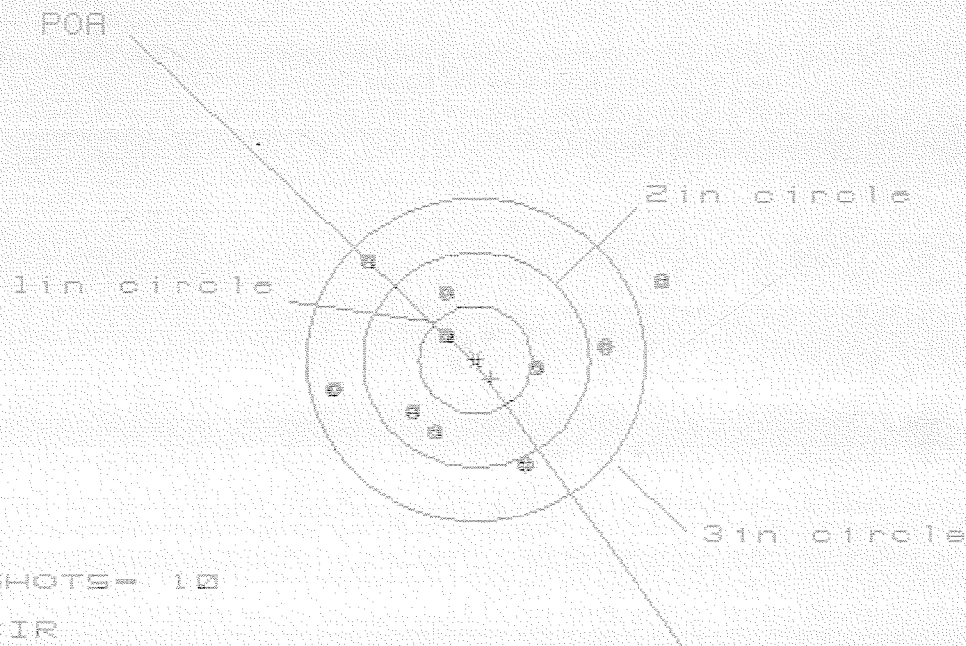
CENTROID *

PATTERN #	:	22		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.102	.892	.392
MINIMUM X	:	-1.887	-.676	-.564
MAXIMUM Y	:	1.056	1.042	.978
MINIMUM Y	:	-.858	-.872	-.936
CENTROID X	:	-.137	.073	-.039
CENTROID Y	:	-.225	-.211	-.147
POA TO CENTROID in.	:	.263	.223	.152
MIN RADIUS	:	.238	.119	.217
MEAN RADIUS	:	.830	.671	.634
MAX RADIUS	:	1.891	1.070	.986
HORIZONTAL SPREAD	:	2.989	1.568	.956
VERTICAL SPREAD	:	1.914	1.914	1.914
EXTREME SPREAD	:	3.013	1.930	1.930
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

5 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611416

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 9

HS= 2.982

VS= 1.890

GS= 3.143

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.683	1.283	1.144
MINIMUM X	-1.299	-1.112	-.868
MAXIMUM Y	.895	.972	.944
MINIMUM Y	-.996	-.918	-.946
CENTROID X	-.138	-.325	-.186
CENTROID Y	.174	.096	.124
POA TO CENTROID in.	.222	.339	.223
MIN RADIUS	.324	.278	.322
MEAN RADIUS	.974	.856	.819
MAX RADIUS	1.820	1.293	1.282
HORIZONTAL SPREAD	2.982	2.395	2.012
VERTICAL SPREAD	1.890	1.890	1.890
EXTREME SPREAD	3.143	2.426	2.328
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

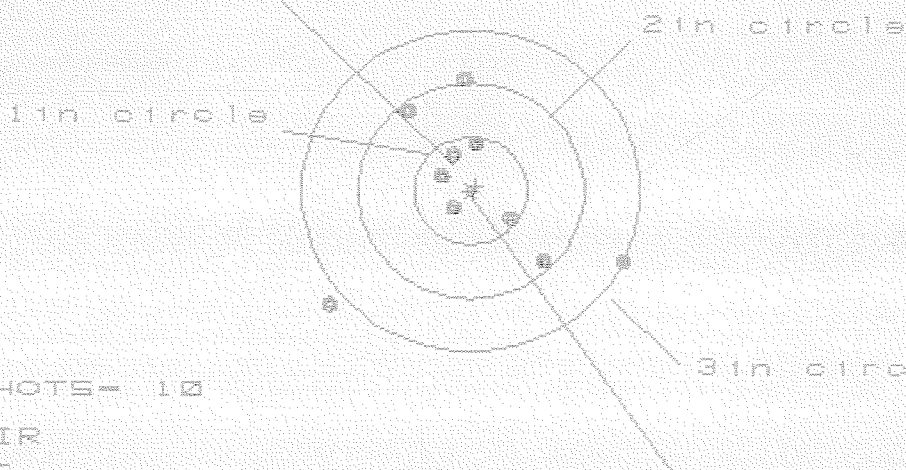
5 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611416

CENTERFIRE PATTERNS

4

POR



OF SHOTS- 10

IN CIR

1in = 5

2in = 7

3in = 8

HS= 2.561

VS= 2.108

GS= 2.582

CENTROID *

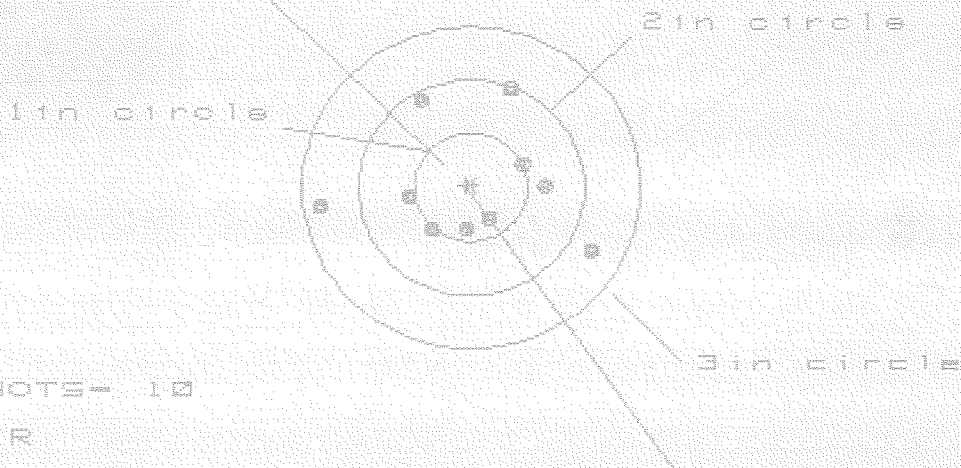
PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.353	1.218	.660
MINIMUM X	:	-1.208	-.715	-.562
MAXIMUM Y	:	1.080	.965	.863
MINIMUM Y	:	-1.028	-.817	-.896
CENTROID X	:	-.046	.089	-.064
CENTROID Y	:	-.045	.070	.172
POR TO CENTROID in.	:	.064	.113	.183
MIN RADIUS	:	.238	.344	.167
MEAN RADIUS	:	.793	.703	.559
MAX RADIUS	:	1.587	1.467	1.112
HORIZONTAL SPREAD	:	2.561	1.933	1.222
VERTICAL SPREAD	:	2.108	1.782	1.759
EXTREME SPREAD	:	2.582	2.429	1.895
NUMBER IN ONE INCH CIRCLE	=	5	5	5
NUMBER IN TWO INCH CIRCLE	=	7	7	7
NUMBER IN THREE INCH CIRCLE	=	8	8	8

5 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611416

CENTERFIRE PATTERNS # 5

POA



OF SHOTS= 10

IN CIR

1in = 3

2in = 8

3in = 10

HS= 2.418

VS= 1.541

GS= 2.452

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.106	.961	.671
MINIMUM X	-1.312	-.715	-.595
MAXIMUM Y	.936	.914	.836
MINIMUM Y	-.605	-.627	-.528
CENTROID X	.042	.187	.067
CENTROID Y	-.017	.005	.083
POA TO CENTROID in.	.045	.188	.107
MIN RADIUS	.296	.275	.376
MEAN RADIUS	.755	.680	.629
MAX RADIUS	1.327	1.147	.885
HORIZONTAL SPREAD	2.418	1.676	1.266
VERTICAL SPREAD	1.541	1.541	1.364
EXTREME SPREAD	2.452	2.125	1.511
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 94-18312

INITIAL FDC CUSTOMER ORDER NO. DAAA09-92-C-0834

W/10X SCOPE, M-24 SNIPER, W/DEPLOYMENT KIT
ATTN: FRED MARTIN

SCOPE 90-0590

DATE RECEIVED 06/11/94 DATE OPENED 06/11/94 DATE CODE SERIAL NUMBER C6611416 NEW SERIAL NUMBER MODEL AND GRADE 700 7.62 NATO

ACCESSORIES SLING STRAP HARD CASE SCOPE MNTS SCOPE BASE

FROM:

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

AL 36201-5025

SHIP TO:

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

AL
36201-5025

CUST NO: 098397 C.O.D.L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

FRT

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 \$643.45
Trigger Assy 173.31
Firing pin Assy 9.96
CTI 30.06
\$876.69

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

WS
2/10/96

WS
2/10/96

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400076509

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C6611416

DATE 11-15-95

TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.60	2.75	2.62		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.51	2.71	2.40		
PULL #3	2.68	2.74	2.54		
PULL #4	2.42	2.69	2.62		
PULL #5	2.65	2.58	2.43		
TOTAL	12.86	13.47	12.61		
AVG.	2.57	2.69	2.52		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.14	3.40		
PULL #2	3.24	3.34		
PULL #3	3.35	3.31		
PULL #4	3.00	3.43		
PULL #5	3.39	3.17		
TOTAL	16.12	16.65		
AVG.	3.22	3.33		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.21	4.13		4.12
PULL #2	4.13	4.18		4.28
PULL #3	4.18	4.14		4.12
PULL #4	4.25	4.17		4.11
PULL #5	4.18	4.20		4.07
TOTAL	20.95	20.82		20.70
AVG.	4.19	4.16		4.14

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611416
13 Jan 1900

CENTROIDAL DISTANCES

Ø TO	1	1.82894
1 TO	2	.011071
1 TO	3	.513654
1 TO	4	.711841
1 TO	5	.748575

1
0.0

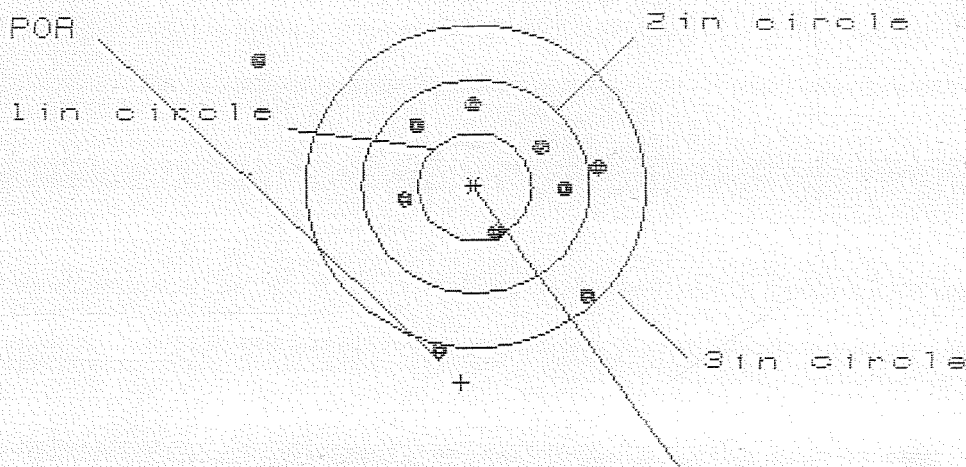
+ <----POR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0064
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: 1.2922
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 1.29222
THE AMR FOR THIS RIFLE IS: .8586

13 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6611416

CENTERFIRE PATTERNS # 1



OF SHOTS - 13

IN CIR

1in = 1

2in = 6

3in = 8

HS= 2.980

VS= 2.714

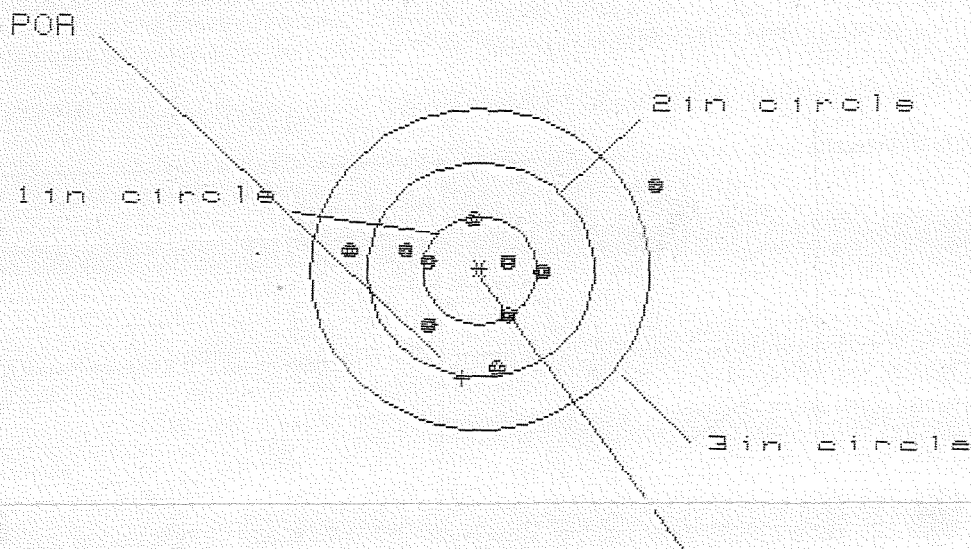
GS= 3.623

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.048	.833	.762
MINIMUM X	:	-1.932	-.850	-.921
MAXIMUM Y	:	1.203	.943	.770
MINIMUM Y	:	-1.511	-1.377	-1.026
CENTROID X	:	.120	.335	.406
CENTROID Y	:	1.825	1.691	1.863
POA TO CENTROID in.	:	1.829	1.724	1.907
MIN RADIUS	:	.407	.250	.411
MEAN RADIUS	:	1.028	.856	.755
MAX RADIUS	:	2.276	1.489	1.225
HORIZONTAL SPREAD	:	2.980	1.683	1.683
VERTICAL SPREAD	:	2.714	2.320	1.797
EXTREME SPREAD	:	3.623	2.338	2.110
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			8	

13 Jan 1900

FILE:/PATTERNING/CENTERFIRE_PATT/C5611416

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 3

2in = 8

3in = 9

HS= 2.671

VS= 1.706

GS= 2.737

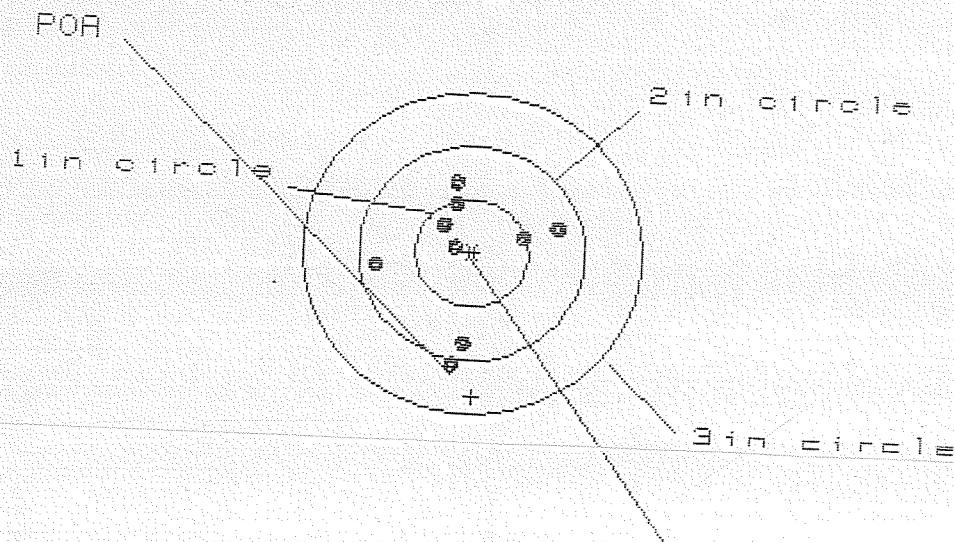
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.522	.731	.608
MINIMUM X	:	-1.149	-.980	-.623
MAXIMUM Y	:	.777	.590	.624
MINIMUM Y	:	-.929	-.843	-.809
CENTROID X	:	.153	-.016	.107
CENTROID Y	:	1.014	.928	.894
POA TO CENTROID in.	:	1.026	.928	.901
MIN RADIUS	:	.219	.334	.319
MEAN RADIUS	:	.740	.624	.565
MAX RADIUS	:	1.709	1.016	.842
HORIZONTAL SPREAD	:	2.671	1.711	1.231
VERTICAL SPREAD	:	1.706	1.433	1.433
EXTREME SPREAD	:	2.737	1.736	1.448
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

13 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8811416

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 4

2in = 9

3in = 10

HS= 1.525

VS= 1.786

GS= 1.786

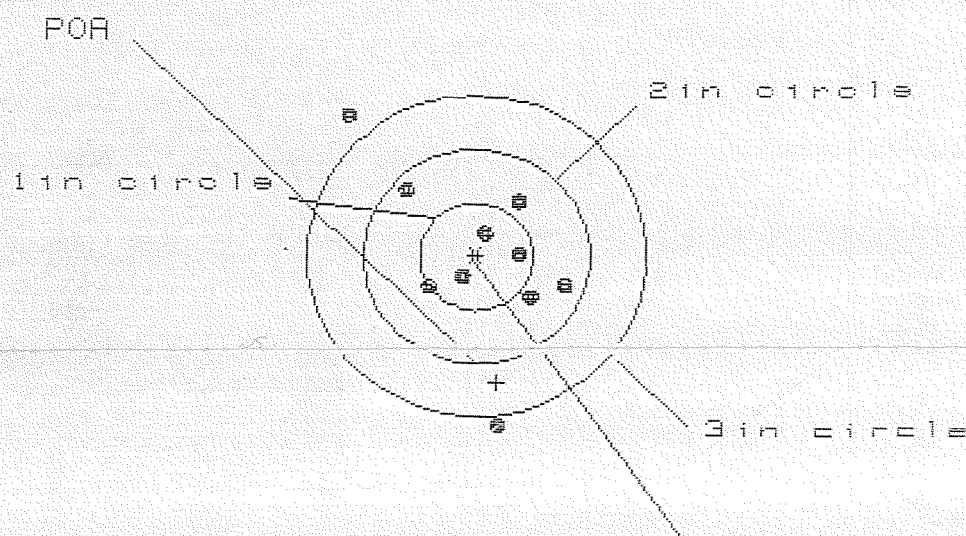
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.704	.689	.584
MINIMUM X	:	-.821	-.836	-.343
MAXIMUM Y	:	.699	.579	.541
MINIMUM Y	:	-1.087	-.957	-.995
CENTROID X	:	-.052	-.037	.068
CENTROID Y	:	1.341	1.461	1.499
POA TO CENTROID in.	:	1.342	1.462	1.500
MIN RADIUS	:	.182	.197	.308
MEAN RADIUS	:	.630	.552	.503
MAX RADIUS	:	1.095	.959	1.006
HORIZONTAL SPREAD	:	1.525	1.525	.927
VERTICAL SPREAD	:	1.786	1.536	1.536
EXTREME SPREAD	:	1.786	1.590	1.540
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

13 Jan 1900

FILE:/PATTERNING/CENTERFIRE_PATT/CSB11416

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 4

2in = 8

3in = 8

HS= 1.891

VS= 2.895

GS= 3.189

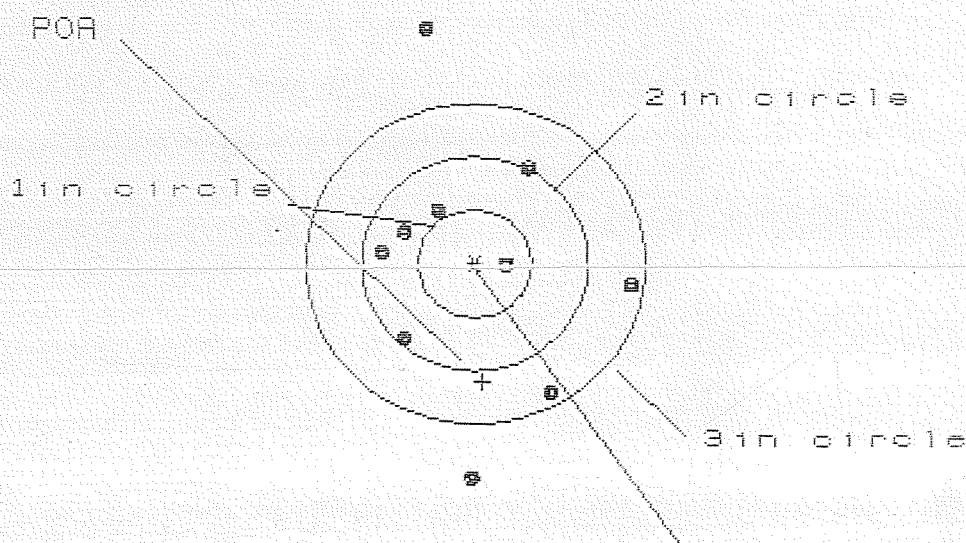
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.748	.621	.629
MINIMUM X	:	-1.143	-.729	-.721
MAXIMUM Y	:	1.338	.796	.620
MINIMUM Y	:	-1.557	-1.408	-.424
CENTROID X	:	-.179	-.052	-.060
CENTROID Y	:	1.179	1.030	1.206
POA TO CENTROID in.	:	1.192	1.031	1.208
MIN RADIUS	:	.222	.261	.156
MEAN RADIUS	:	.756	.632	.511
MAX RADIUS	:	1.760	1.410	.951
HORIZONTAL SPREAD	:	1.891	1.350	1.350
VERTICAL SPREAD	:	2.895	2.204	1.044
EXTREME SPREAD	:	3.189	2.344	1.628
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		8	

13 Jan 1908

FILE:/PATTERNING/CENTERFIRE_PATT/CAB11416

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 2.254

VS= 4.203

GS= 4.222

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.405	1.362	1.357
MINIMUM X	:	-.849	-.892	-.897
MAXIMUM Y	:	2.247	1.149	.936
MINIMUM Y	:	-1.956	-1.707	-1.180
CENTROID X	:	-.074	-.030	-.025
CENTROID Y	:	1.102	.853	1.066
POA TO CENTROID in.	:	1.105	.853	1.066
MIN RADIUS	:	.272	.362	.232
MEAN RADIUS	:	1.139	1.028	.900
MAX RADIUS	:	2.281	1.707	1.365
HORIZONTAL SPREAD	:	2.254	2.254	2.254
VERTICAL SPREAD	:	4.203	2.856	2.116
EXTREME SPREAD	:	4.222	2.893	2.274
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6611416

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			

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	7	7	7			3/7	AC
	G) Safety Off Force	4	4	4			3/7	AC
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.021	.022	.022			3/7	AC
	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							
	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	2.68	2.66	2.70	2.69	2.73	3/1/96	WLB
	C) Function							
660	Pack							