

C6611622

MODEL 700™ M24

Model **SWS**

™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

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

MODEL 700™ H24

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

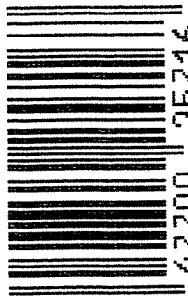
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

SERIAL NO. C6611622	ORDER NO. 5716
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5716 C6611622

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6611622

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		1/15/91	KS
600	Proof		1/15/91	KS
607	Check Headspace		1/15/91	KS
610	Dis-assemble Gun		1/15/91	KS
612	Magnaflux Barrel Action	1 18	91	KMR
	Magnaflux Bolt	1 18	91	KMR
615	Rollmark Caliber	1 18	91	CS
617	Drill and Tap Sight Holes	1 24	91	LB
618	Polish Barrel	1 24	91	WB
620	Apply Coatings (Barrel Action)		2/15/91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		3/5/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		3/5/91	KA
	C) Inspect Ejector Hole for Chamfer		3/5/91	KA
	D) Oil Firing Pin Ass'y		3/5/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		3/6/91	JA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			3-6-91	JH
	G) Safety Off Force	2	2	2			3-6-91	JH
	H) Trigger Pull Test & Retainability						3-6-91	JH
	I) Firing Pin Indent	.0205	.021	.021			3-6-91	JH
	J) Assemble Stock						3/4/91	JH
	K) Assemble Swivel Studs						3-9-91	DH
	L) Attach Front and Rear Sight Assemblies						3/4/91	JH
	M) Iron Sight Alignment						3/4/91	JH
	N) Detach Front & Rear Sights & place in numbered container						3/4/91	JH
	O) Attach Scope to Rifle						3/4/91	JH
	P) Detach & Attach Scope 20 Times						3/4/91	JH
640	Gallery Target & Test						3/7/91	JH
	A) Time							JH
	B) Malfunctions							JH
	C) Pierced Primers							JH
	D) Optical Clarity of Scope							JH
645	Inspect for Live Ammo						3/7/91	JH
655	Final Inspection							
	A) Headspace						3-9-91	DH
	B) Trigger Pull	2.50	2.54	2.55	2.20	2.34	3/9/91	JH
	C) Function						3-9-91	DH
660	Pack						3-18-91	JH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6611622

DATE 3-6-91

TESTER JP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.48	2.43	2.44	2.50	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.46	2.44	2.46	2.54	
PULL #3	2.47	2.48	2.50	2.55	
PULL #4	2.46	2.51	2.43	2.20	
PULL #5	2.49	2.44	2.40	2.34	
TOTAL					
AVG.					

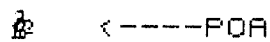
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.55	3.51		
PULL #2	3.45	3.48		
PULL #3	3.40	3.48		
PULL #4	3.43	3.43		
PULL #5	3.46	3.50		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.23	4.17		4.28
PULL #2	4.25	4.28		4.28
PULL #3	4.26	4.31		4.26
PULL #4	4.20	4.32		4.28
PULL #5	4.15	4.28		4.27
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611622
7 Mar 1991

CENTROIDAL DISTANCES

0 TO 1	.114285
1 TO 2	.276279
1 TO 3	.260757
1 TO 4	.164149
1 TO 5	.13366

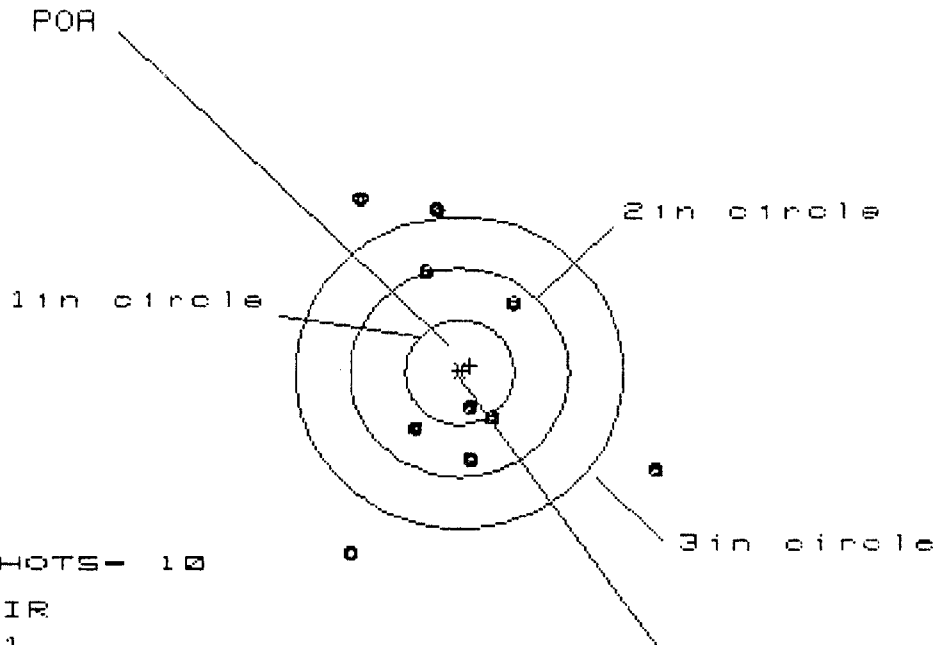
 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0292
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0174
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0339912
THE AMR FOR THIS RIFLE IS: 1.021

7 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611622

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 4

HS= 2.766

VS= 3.454

GS= 3.703

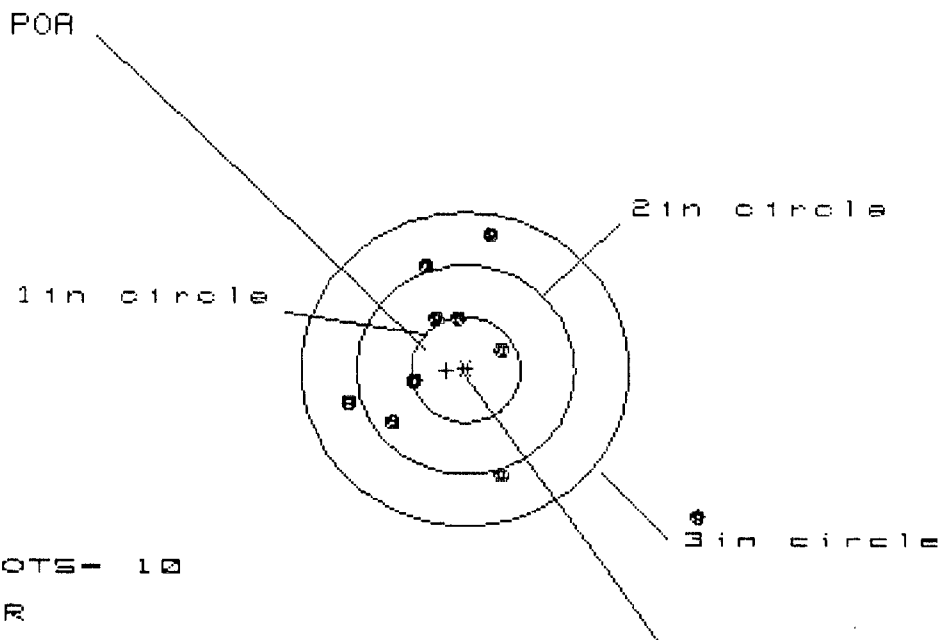
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.764	1.653	.556
MINIMUM X	-1.002	-.996	-.790
MAXIMUM Y	1.673	1.475	1.337
MINIMUM Y	-1.781	-1.112	-1.174
CENTROID X	-.094	.017	-.189
CENTROID Y	-.065	.133	.272
POA TO CENTROID in.	.114	.134	.331
MIN RADIUS	.354	.552	.640
MEAN RADIUS	1.170	1.082	.971
MAX RADIUS	2.043	1.992	1.552
HORIZONTAL SPREAD	2.766	2.649	1.346
VERTICAL SPREAD	3.454	2.587	2.510
EXTREME SPREAD	3.703	3.703	2.699
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	6		

7 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611622

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 9

HS= 3.270

VS= 2.719

GS= 3.455

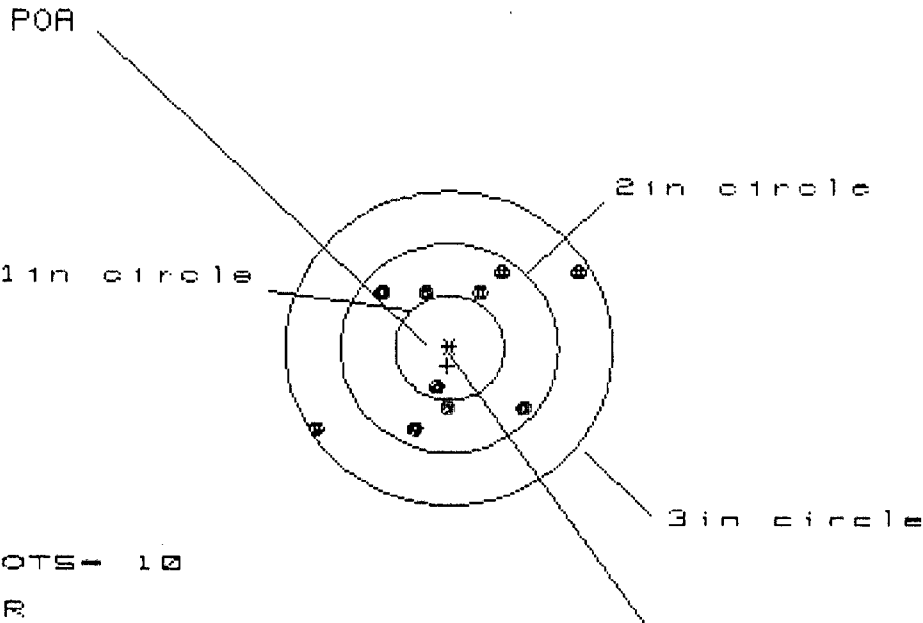
CENTROID *

PATTERN #	:	320		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.156	.550	.603
MINIMUM X	:	-1.114	-.874	-.821
MAXIMUM Y	:	1.309	1.152	.947
MINIMUM Y	:	-1.410	-1.171	-1.027
CENTROID X	:	.173	-.067	-.120
CENTROID Y	:	.006	.163	.019
POA TO CENTROID in.	:	.173	.176	.121
MIN RADIUS	:	.337	.291	.217
MEAN RADIUS	:	.990	.752	.694
MAX RADIUS	:	2.576	1.293	1.191
HORIZONTAL SPREAD	:	3.270	1.424	1.424
VERTICAL SPREAD	:	2.719	2.323	1.974
EXTREME SPREAD	:	3.455	2.326	2.084
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

7 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611622

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1in = 1

2in = 8

3in = 10

HS = 2.462

VS = 1.501

GS = 2.846

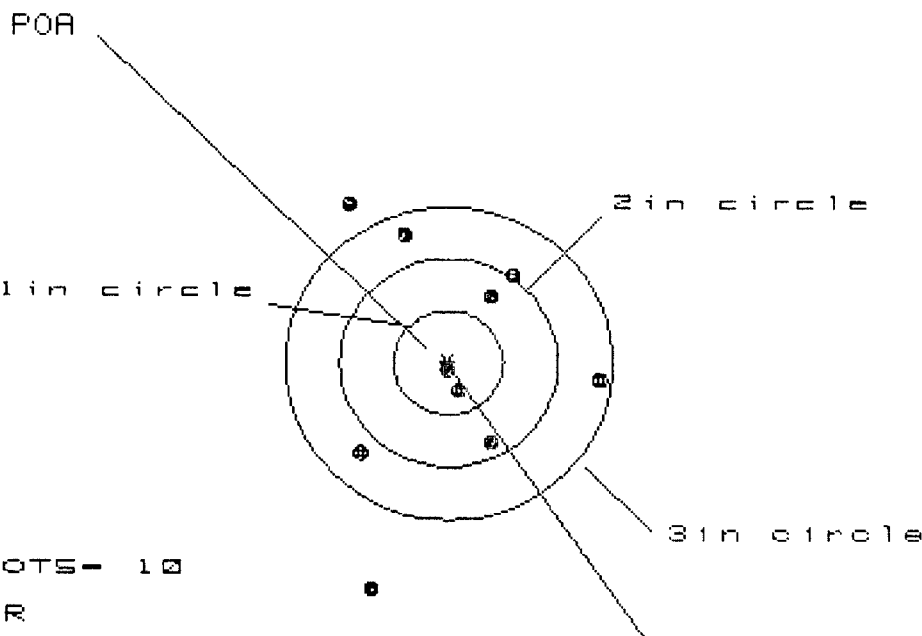
CENTROID #

PATTERN #	:	491	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.223	1.086	.696
MINIMUM X	:	-1.239	-.801	-.666
MAXIMUM Y	:	.767	.686	.763
MINIMUM Y	:	-.734	-.815	-.738
CENTROID X	:	.019	.156	.021
CENTROID Y	:	.170	.251	.174
POA TO CENTROID in.	:	.171	.296	.176
MIN RADIUS	:	.382	.472	.388
MEAN RADIUS	:	.841	.774	.696
MAX RADIUS	:	1.439	1.247	.933
HORIZONTAL SPREAD	:	2.462	1.887	1.362
VERTICAL SPREAD	:	1.501	1.501	1.501
EXTREME SPREAD	:	2.846	2.081	1.757
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	8		
NUMBER IN THREE INCH CIRCLE	=	10		

7 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611622

CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS = 2.250

VS = 3.654

GS = 3.657

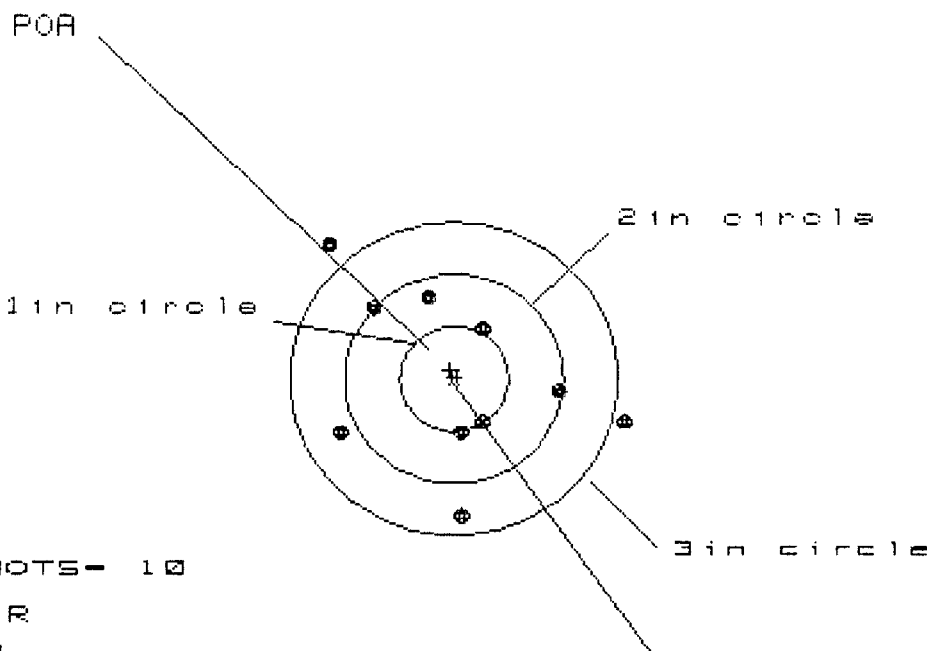
CENTROID #

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.368	1.288	1.167
MINIMUM X	-.882	-.962	-1.016
MAXIMUM Y	1.520	1.282	1.138
MINIMUM Y	-2.134	-1.111	-.950
CENTROID X	.010	.090	.211
CENTROID Y	.062	.300	.139
POA TO CENTROID in.	.063	.313	.252
MIN RADIUS	.074	.324	.261
MEAN RADIUS	1.087	.963	.852
MAX RADIUS	2.255	1.603	1.391
HORIZONTAL SPREAD	2.250	2.250	2.183
VERTICAL SPREAD	3.654	2.393	2.088
EXTREME SPREAD	3.657	2.795	2.303
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

7 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611622

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1in = 0

2in = 5

3in = 8

HS = 2.660

VS = 2.653

GS = 3.139

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.525	1.399	.963
MINIMUM X	:	-1.135	-1.130	-.955
MAXIMUM Y	:	1.302	.961	.934
MINIMUM Y	:	-1.351	-1.207	-1.234
CENTROID X	:	.038	.164	-.011
CENTROID Y	:	-.086	-.230	-.203
POA TO CENTROID in.	:	.094	.283	.203
MIN RADIUS	:	.518	.333	.426
MEAN RADIUS	:	1.015	.909	.850
MAX RADIUS	:	1.727	1.416	1.242
HORIZONTAL SPREAD	:	2.660	2.529	1.918
VERTICAL SPREAD	:	2.653	2.168	2.168
EXTREME SPREAD	:	3.139	2.540	2.226
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 94-18156

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

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

Scope # S/N 90-0273

DATE RECEIVED 06/10/94	DATE OPENED 06/10/94	DATE CODE	SERIAL NUMBER C6611622	NEW SERIAL NUMBER	MODEL AND GRADE 700 7-62	NATO
ACCESSORIES SOFT CASE		SCOPE MNTS	SCOPE BASE	L/SIGHTS		

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.L

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM DATE	ESTIMATED	VIA FRT
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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

✓ Stock 471.11

Trigger Assy 173.31

✓ Firing pin Assy 9.96

CTI 30.00

\$1347.80

REPAIRMAN	PROOF	CLEAN	TEST K	TARGET K	PATTERN
GALLERY TESTER	DATE	DATE	DATE 3/2	DATE 3/2	DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400079785

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C6611622

DATE 2-16-96

TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.79	2.46	2.79	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.55	2.63	2.68	
PULL #3	2.51	2.57	2.62	
PULL #4	2.50	2.66	2.74	
PULL #5	2.49	2.59	2.77	
TOTAL	1284	1291	1360	
AVG.	2.56	2.58	2.72	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.23	3.14		
PULL #2	3.17	3.01		
PULL #3	3.02	3.00		
PULL #4	3.18	3.06		
PULL #5	3.08	3.00		
TOTAL	1568	1521		
AVG.	3.13	3.04		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.15	4.14		4.06
PULL #2	4.32	4.39		4.10
PULL #3	4.19	4.26		4.00
PULL #4	4.25	4.31		4.25
PULL #5	4.24	4.26		4.17
TOTAL	2115	2136		2058
AVG.	4.23	4.27		4.11

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6611622

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	6	6	6			3/7	K
	G) Safety Off Force	4	4	4			3/7	AC
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.020	.020	.020			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	2.36	2.42	2.35	2.34	2.37	3/7/96	WB
	C) Function							
660	Pack							

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611622
4 Jan 1988

CENTROIDAL DISTANCES

0 TO	1	.734986
1 TO	2	.41029
1 TO	3	.493518
1 TO	4	.302063
1 TO	5	.417555

48
15

+ <----POA

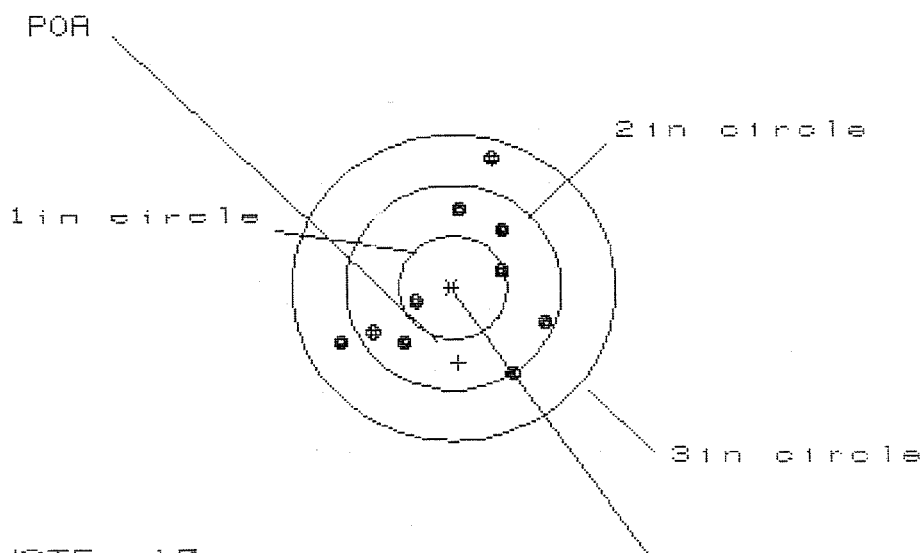
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1744
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .9238
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .948118

THE AMR FOR THIS RIFLE IS: .9858

4 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8611622

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 7

3 in = 10

HS = 1.860

VS = 2.117

GS = 2.319

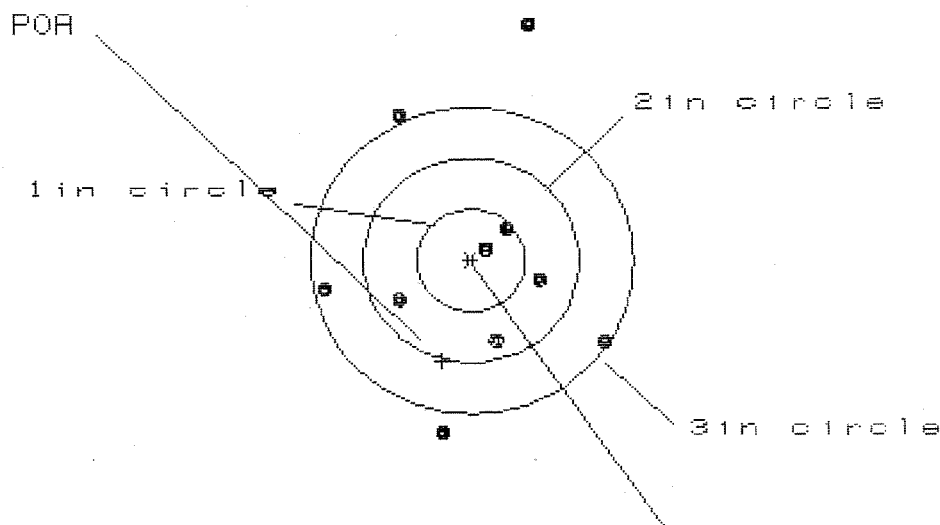
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.826	.867	.743
MINIMUM X	-1.034	-.993	-.853
MAXIMUM Y	1.305	.878	.829
MINIMUM Y	-.812	-.667	-.716
CENTROID X	-.054	-.095	.029
CENTROID Y	.733	.588	.637
POA TO CENTROID in.	.735	.596	.638
MIN RADIUS	.409	.348	.432
MEAN RADIUS	.839	.772	.729
MAX RADIUS	1.357	1.068	.922
HORIZONTAL SPREAD	1.860	1.860	1.596
VERTICAL SPREAD	2.117	1.545	1.545
EXTREME SPREAD	2.319	1.876	1.649
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

4 Jan 1900

FILE:/PATTERNING/CENTERFIRE_PATT/C6611622

CENTERFIRE PATTERNS

2



OF SHOTS- 10

IN CIR

1in - 2

2in - 5

3in = 7

HS= 2.578

VS= 3.966

GS= 4.048

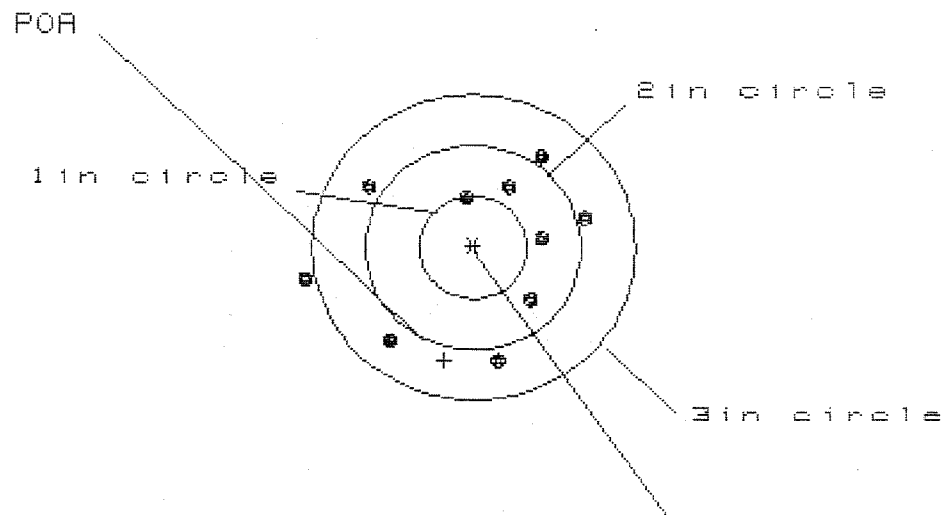
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.220	1.276	1.244
MINIMUM X	:	-1.358	-1.302	-1.334
MAXIMUM Y	:	2.297	1.669	1.492
MINIMUM Y	:	-1.669	-1.413	-1.752
CENTROID X	:	.269	.213	.245
CENTROID Y	:	.986	.730	.907
POA TO CENTROID in.	:	1.022	.761	.940
MIN RADIUS	:	.173	.417	.248
MEAN RADIUS	:	1.133	.992	.914
MAX RADIUS	:	2.352	1.773	1.620
HORIZONTAL SPREAD	:	2.578	2.578	2.578
VERTICAL SPREAD	:	3.966	3.082	2.244
EXTREME SPREAD	:	4.048	3.101	2.872
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

4 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06611622

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 9

HS= 2.559

VS= 1.965

GS= 2.620

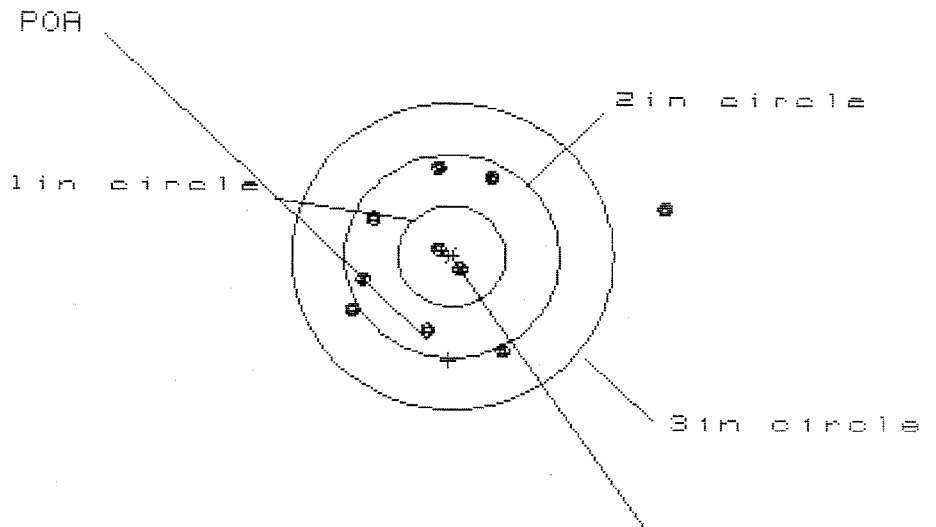
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.994	.820	.701
MINIMUM X	:	-1.565	-1.160	-1.279
MAXIMUM Y	:	.850	.819	.697
MINIMUM Y	:	-1.115	-1.146	-1.268
CENTROID X	:	.268	.442	.561
CENTROID Y	:	1.107	1.138	1.260
POA TO CENTROID in.	:	1.139	1.220	1.380
MIN RADIUS	:	.483	.485	.366
MEAN RADIUS	:	.976	.870	.763
MAX RADIUS	:	1.589	1.371	1.339
HORIZONTAL SPREAD	:	2.559	1.980	1.980
VERTICAL SPREAD	:	1.965	1.965	1.965
EXTREME SPREAD	:	2.620	2.320	2.043
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	9		

4 Jan 1988

FILE:/PATTERNING/... CENTERFIRE_PATT/C8811622

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 2

2in = 7

3in = 9

HS= 2.903

VS= 1.816

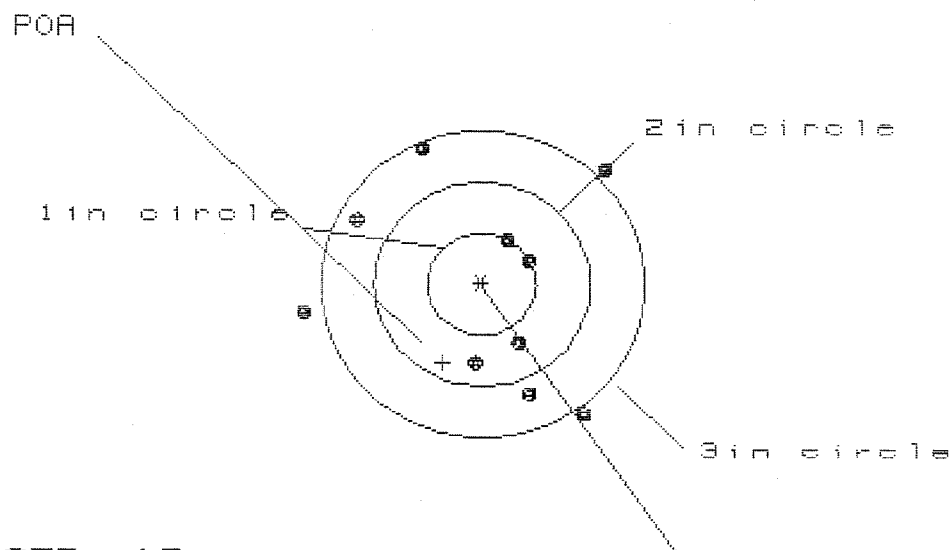
GS= 3.049

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.006	.660	.726
MINIMUM X	:	-.897	-.675	-.592
MAXIMUM Y	:	.844	.894	.779
MINIMUM Y	:	-.972	-.922	-.770
CENTROID X	:	.027	-.195	-.278
CENTROID Y	:	1.024	.974	1.089
POA TO CENTROID in.	:	1.025	.993	1.124
MIN RADIUS	:	.128	.192	.215
MEAN RADIUS	:	.863	.707	.649
MAX RADIUS	:	2.056	1.134	1.003
HORIZONTAL SPREAD	:	2.963	1.335	1.310
VERTICAL SPREAD	:	1.816	1.816	1.549
EXTREME SPREAD	:	3.049	1.893	1.806
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

4 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6811622

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 4

3 in = 7

HS= 2.832

VS= 2.578

GS= 3.182

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.149	.962	.847
MINIMUM X	:	-1.683	-1.337	-1.217
MAXIMUM Y	:	1.320	1.290	1.433
MINIMUM Y	:	-1.258	-1.288	-1.145
CENTROID X	:	.362	.549	.429
CENTROID Y	:	.769	.799	.656
POA TO CENTROID in.	:	.850	.970	.783
MIN RADIUS	:	.486	.331	.478
MEAN RADIUS	:	1.118	1.023	.960
MAX RADIUS	:	1.705	1.512	1.582
HORIZONTAL SPREAD	:	2.832	2.299	2.064
VERTICAL SPREAD	:	2.578	2.578	2.578
EXTREME SPREAD	:	3.182	2.991	2.991
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	