

6587707

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

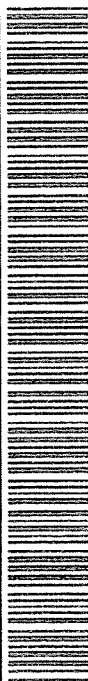
Remington® **DUPONT**
REG. U.S. PAT. & TM. OFF.

MODEL 700™ H24

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

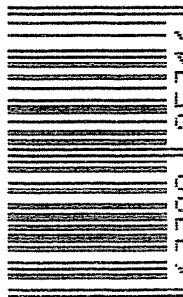
VERY IMPORTANT:
 Instruction Book
 enclosed to assure
 safe use of this
 firearm.

SERIAL NO. C6587707	ORDER NO. 5716
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5716 C6587707

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587707

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1024	90	RW
600	Proof	1024	90	RW
607	Check Headspace	1024	90	RW
610	Dis-assemble Gun	1024	90	RW
612	Magnaflux Barrel Action		10/30/90	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	LS
617	Drill and Tap Sight Holes		11/5/90	LB
618	Polish Barrel RB		11/6/90	WB
620	Apply Coatings (Barrel Action)		11-20-90	18
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		12/12/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/12/90	RW
	C) Inspect Ejector Hole for Chamfer		12/12/90	RW
	D) Oil Firing Pin Ass'y		12/12/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		1/3/91	WB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	3 1/2	3 1/2	3 1/2			1/3/91	WB
	G) Safety Off Force	2	2	2			1/3/91	WB
	H) Trigger Pull Test & Retainability						1/3/91	DH
	I) Firing Pin Indent	0215	021	021			1/3/91	WB
	J) Assemble Stock						1/15/91	RW
	K) Assemble Swivel Studs						1-16-91	JH
	L) Attach Front and Rear Sight Assemblies						1/15/91	RW
	M) Iron Sight Alignment						1/15/91	RW
	N) Detach Front & Rear Sights & place in numbered container						1/15/91	RW
	O) Attach Scope to Rifle						1/15/91	RW
	P) Detach & Attach Scope 20 Times						1/15/91	RW
640	Gallery Target & Test						1-15-91	DH
	A) Time						1-15-91	DH
	B) Malfunctions						1-15-91	DH
	C) Pierced Primers						1-15-91	DH
	D) Optical Clarity of Scope						1-15-91	DH
645	Inspect for Live Ammo						1-15-91	DH
655	Final Inspection							
	A) Headspace						1-16-91	JH
	B) Trigger Pull	2.24	2.24	2.41	2.46	2.50	1-16-91	JH
	C) Function						1-16-91	JH
660	Pack						1/15/91	WB

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. CC587707

DATE 1-3-91

TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.59	2.56	2.61	2.24	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.55	2.59	2.65	2.24	
PULL #3	2.54	2.43	2.71	2.41	
PULL #4	2.54	2.59	2.74	2.46	
PULL #5	2.57	2.58	2.72	2.50	
TOTAL	12.79	12.76	13.43		
AVG.	2.55	2.55	2.68		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.16	3.20		
PULL #2	3.13	3.18		
PULL #3	3.07	3.26		
PULL #4	3.21	3.37		
PULL #5	3.04	3.18		
TOTAL	15.61	16.19		
AVG.	3.12	3.23		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.34	4.46		4.45
PULL #2	4.36	3.95		4.52
PULL #3	4.38	4.46		4.49
PULL #4	4.23	4.49		4.32
PULL #5	4.44	4.18		4.45
TOTAL	21.75	21.64		22.23
AVG.	4.35	4.32		4.44

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587707
16 Jan 1991

CENTROIDAL DISTANCES

0 TO	1	.0314006
1 TO	2	.22309
1 TO	3	.289168
1 TO	4	.204443
1 TO	5	.113172

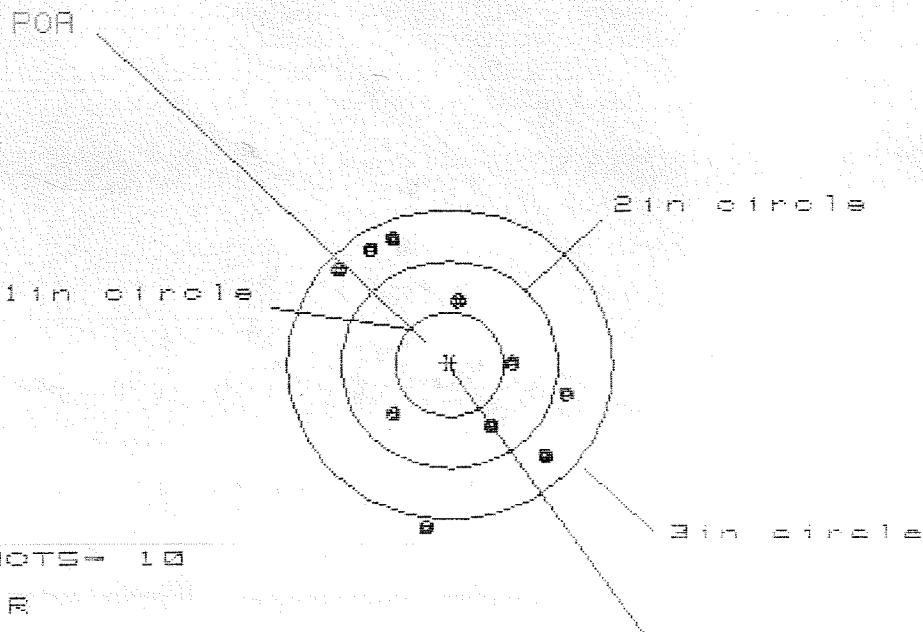
43 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .047
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0794
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0922679
THE AMP FOR THIS RIFLE IS: .9186

18 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8587707

CENTERFIRE PATTERNS # 1



OF SHOTS= 10
 # IN CIR
 1in = 0
 2in = 4
 3in = 9
 HS= 2.135
 VS= 2.811
 GS= 2.826

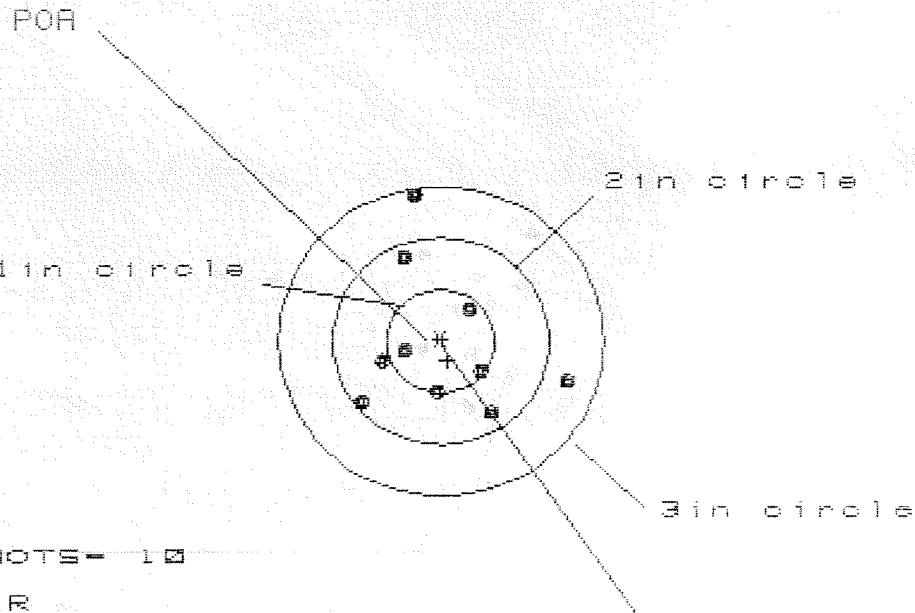
CENTROID *

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.114	1.090	.960
MINIMUM X	:	-1.021	-1.045	-.905
MAXIMUM Y	:	1.215	1.038	1.134
MINIMUM Y	:	-1.596	-1.050	-.962
CENTROID X	:	.025	.049	.180
CENTROID Y	:	-.019	.158	.062
POA TO CENTROID in.	:	.032	.165	.190
MIN RADIUS	:	.531	.409	.390
MEAN RADIUS	:	1.051	.978	.914
MAX RADIUS	:	1.610	1.346	1.344
HORIZONTAL SPREAD	:	2.135	2.135	1.865
VERTICAL SPREAD	:	2.811	2.096	2.096
EXTREME SPREAD	:	2.826	2.617	2.531
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

16 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8587707

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 4

2in = 8

3in = 10

HS = 1.882

VS = 2.049

GS = 2.302

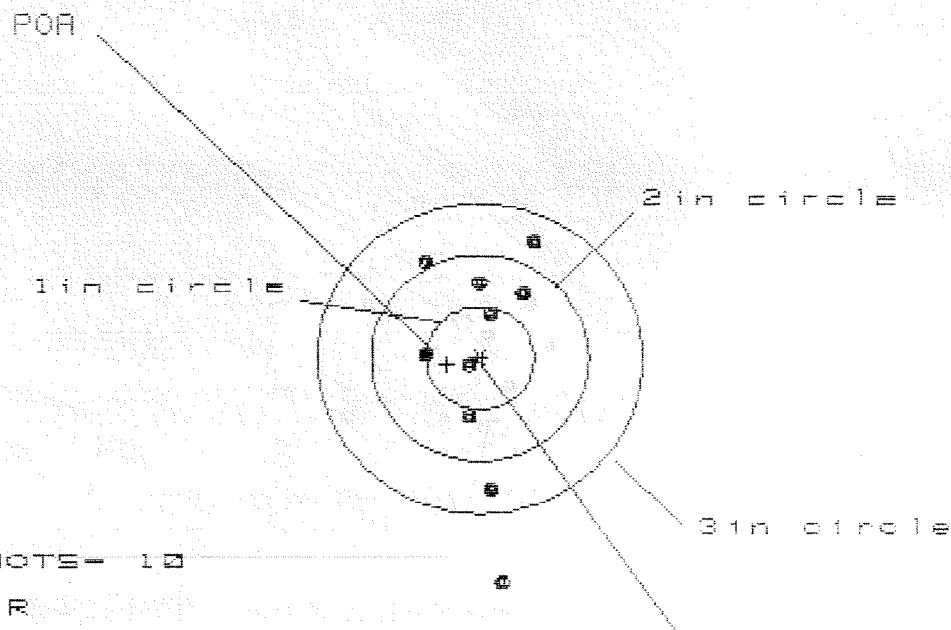
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.182	1.151	.569
MINIMUM X	:	-.700	-.731	-.587
MAXIMUM Y	:	1.402	.979	.952
MINIMUM Y	:	-.647	-.491	-.518
CENTROID X	:	-.063	-.032	-.176
CENTROID Y	:	.186	.030	.057
POA TO CENTROID in.	:	.196	.044	.185
MIN RADIUS	:	.357	.337	.248
MEAN RADIUS	:	.754	.657	.579
MAX RADIUS	:	1.430	1.172	.971
HORIZONTAL SPREAD	:	1.882	1.882	1.156
VERTICAL SPREAD	:	2.049	1.470	1.470
EXTREME SPREAD	:	2.302	1.910	1.656
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

16 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6587707

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 6

3 in = 9

HS= 1.039

VS= 3.301

GS= 3.318

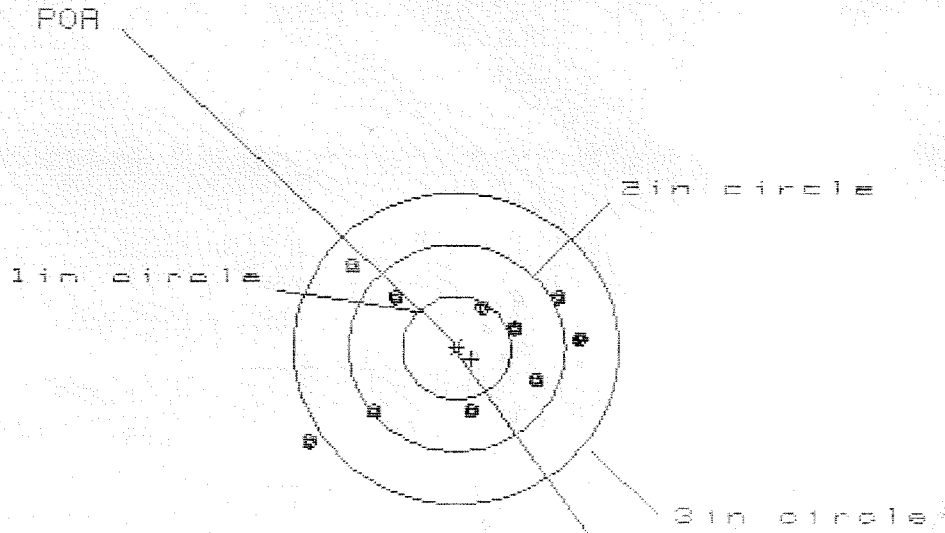
CENTROID #

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	.515
MINIMUM X	-.524
MAXIMUM Y	1.133
MINIMUM Y	-2.168
CENTROID X	.302
CENTROID Y	.064
POA TO CENTROID in.	.309
MIN RADIUS	.127
MEAN RADIUS	.892
MAX RADIUS	2.175
HORIZONTAL SPREAD	1.039
VERTICAL SPREAD	3.301
EXTREME SPREAD	3.318
NUMBER IN ONE INCH CIRCLE =	3
NUMBER IN TWO INCH CIRCLE =	6
NUMBER IN THREE INCH CIRCLE =	9

16 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06587707

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HE= 2.517

VS= 1.781

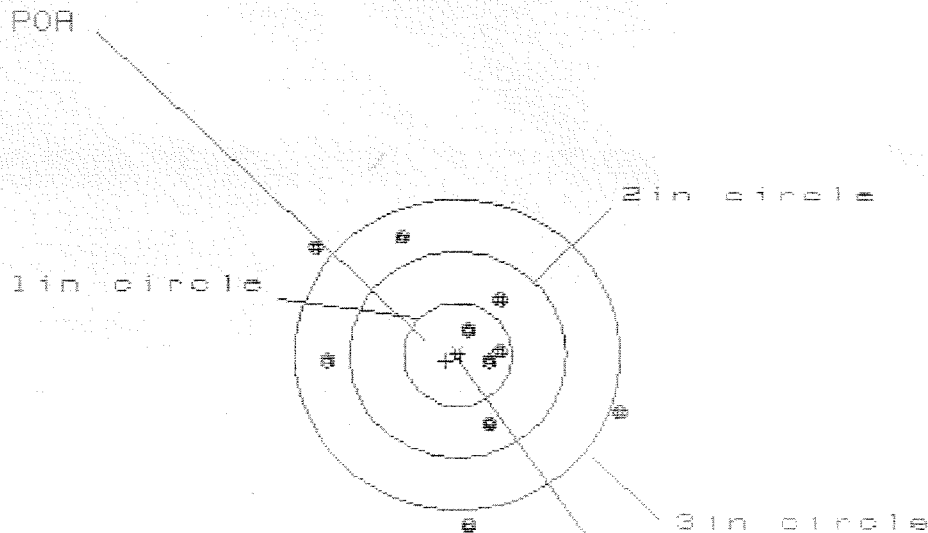
GS= 2.710

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.142	.990	.846
MINIMUM X	:	-1.375	-1.150	-1.038
MAXIMUM Y	:	.840	.735	.485
MINIMUM Y	:	-.941	-.745	-.653
CENTROID X	:	-.136	.017	.161
CENTROID Y	:	.107	.212	.120
POA TO CENTROID in.	:	.173	.212	.201
MIN RADIUS	:	.474	.311	.326
MEAN RADIUS	:	.928	.808	.710
MAX RADIUS	:	1.666	1.365	1.187
HORIZONTAL SPREAD	:	2.517	2.140	1.894
VERTICAL SPREAD	:	1.781	1.480	1.138
EXTREME SPREAD	:	2.710	2.277	1.985
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

16 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06587707

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 3

2in = 5

3in = 7

HS= 2.755

VS= 2.730

GS= 3.203

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.454	1.309	1.301
MINIMUM X	:	-1.301	-1.377	-1.385
MAXIMUM Y	:	1.113	1.233	1.046
MINIMUM Y	:	-1.617	-1.497	-1.742
CENTROID X	:	.107	.252	.260
CENTROID Y	:	.059	-.061	.126
POA TO CENTROID in.	:	.122	.259	.289
MIN RADIUS	:	.215	.170	.154
MEAN RADIUS	:	.968	.859	.750
MAX RADIUS	:	1.693	1.498	1.440
HORIZONTAL SPREAD	:	2.755	2.686	2.686
VERTICAL SPREAD	:	2.730	2.730	1.788
EXTREME SPREAD	:	3.203	2.786	2.736
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R 94-18306

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

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

Scope # 90-0508

DATE RECEIVED 06/10/94 DATE OPENED 06/10/94 DATE CODE SERIAL NUMBER C6587707 NEW SERIAL NUMBER MODEL AND GRADE 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.L

ACCOUNT NUMBER ACCOUNT NUMBER NC

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

V Barrel \$643.45
Trigger Assy 173.31
Front Sight Assy 56.75
Rear Sight Assy 331.01
Clean/Inspect/Test 50.00
\$1104.49

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
			WB	WB	
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
			2/29/96	2/29/96	

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400025654

SWS TRIGGER PULL TEST

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

SERIAL NO. C6587707

DATE 2-26-96

TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.51	2.61	2.74	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.62	2.88	2.63	
PULL #3	2.58	2.92	2.65	
PULL #4	2.55	2.47	2.53	
PULL #5	2.54	2.70	2.69	
TOTAL	1280	1358	1324	
AVG.	2.56	2.71	2.64	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.14	3.14	
PULL #2	3.16	3.29	
PULL #3	3.19	3.11	
PULL #4	3.14	3.32	
PULL #5	3.21	3.36	
TOTAL	1584	1622	
AVG.	3.16	3.24	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.08	4.04		4.06
PULL #2	4.31	4.13		4.03
PULL #3	4.00	4.24		4.09
PULL #4	4.11	4.20		4.21
PULL #5	4.19	4.24		4.00
TOTAL	2069	2085		2039
AVG.	4.13	4.17		4.07

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6587707

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	A
	G) Safety Off Force	3	3	3			3/7	A
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent							
	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	2.66	2.67	2.62	2.65	2.67	3/7/96	WB
	C) Function							
660	Pack							

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587707
2 Jan 1900

CENTROIDAL DISTANCES

0 TO	1	1.40143
1 TO	2	.139119
1 TO	3	.52903
1 TO	4	.502443
1 TO	5	.887014

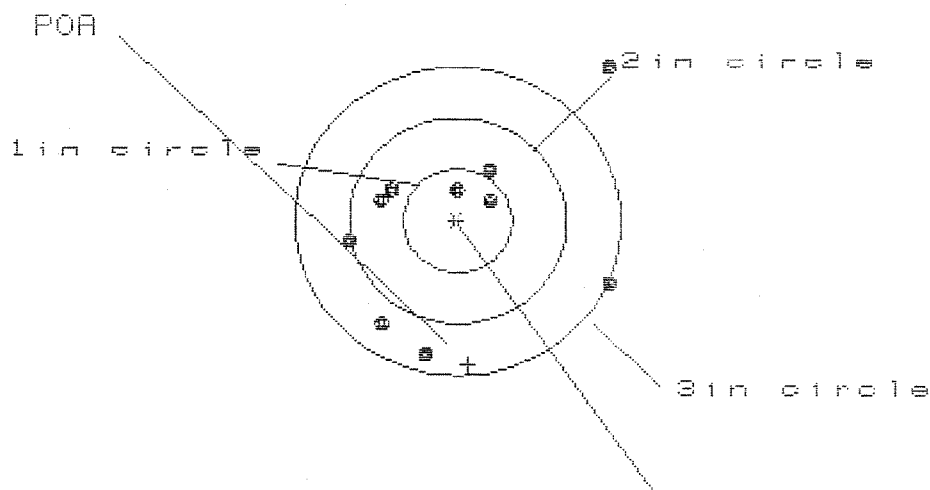
2
3+
5
+ <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0122
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: 1.017
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 1.01707
THE AMR FOR THIS RIFLE IS: 1.011

2 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08587707

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

CENTROID #

IN CIR

1in = 2

2in = 5

3in = 8

HS= 2.450

VS= 2.844

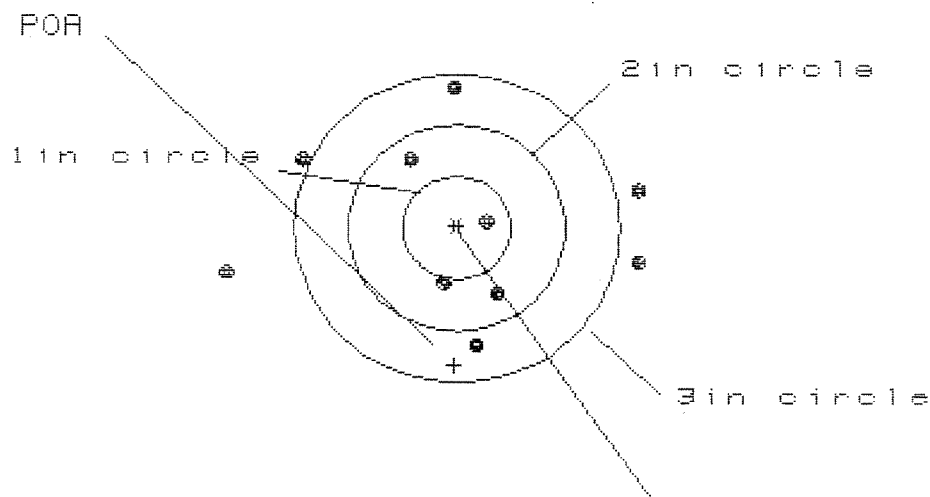
GS= 3.334

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.417	1.528	.645
MINIMUM X	:	-1.033	-.875	-.684
MAXIMUM Y	:	1.524	.668	.621
MINIMUM Y	:	-1.320	-1.151	-1.198
CENTROID X	:	-.098	-.256	-.447
CENTROID Y	:	1.398	1.229	1.276
POA TO CENTROID in.	:	1.401	1.255	1.352
MIN RADIUS	:	.283	.477	.487
MEAN RADIUS	:	.983	.867	.747
MAX RADIUS	:	2.081	1.575	1.199
HORIZONTAL SPREAD	:	2.450	2.403	1.330
VERTICAL SPREAD	:	2.844	1.819	1.819
EXTREME SPREAD	:	3.334	2.429	1.921
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

2 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6587787

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

CENTROID #

IN CIR

1in = 1

2in = 4

3in = 6

HS= 3.806

VS= 2.523

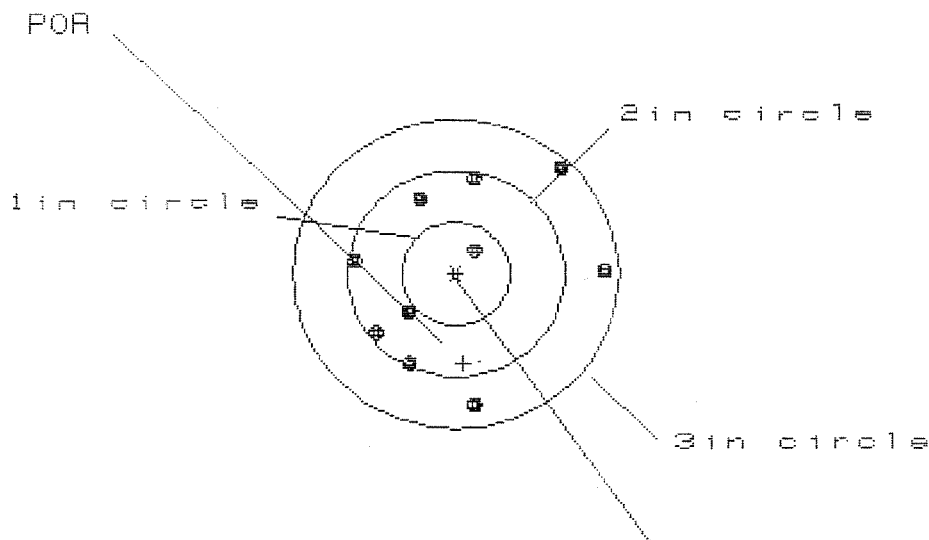
GS= 3.878

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.717	1.484	1.642
MINIMUM X	:	-2.089	-1.694	-1.508
MAXIMUM Y	:	1.354	1.310	1.348
MINIMUM Y	:	-1.169	-1.213	-1.175
CENTROID X	:	.025	.258	.072
CENTROID Y	:	1.333	1.377	1.339
POA TO CENTROID in.	:	1.333	1.401	1.341
MIN RADIUS	:	.256	.029	.210
MEAN RADIUS	:	1.211	1.082	1.026
MAX RADIUS	:	2.126	1.794	1.672
HORIZONTAL SPREAD	:	3.806	3.178	3.150
VERTICAL SPREAD	:	2.523	2.523	2.523
EXTREME SPREAD	:	3.878	3.289	3.289
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		6	

2 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8587787

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 1

2in = 7

3in = 10

HE= 2.315

VS= 2.337

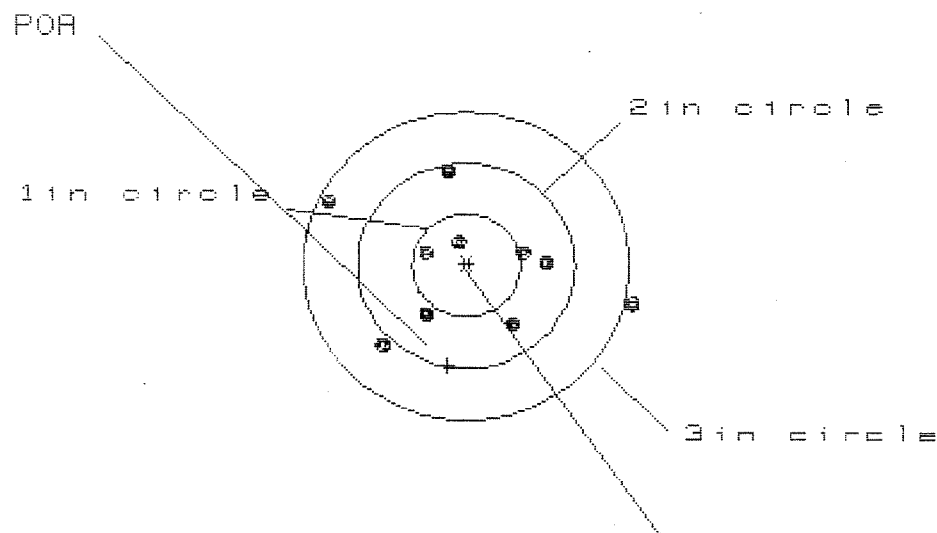
GS= 2.447

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.374	1.070	.478
MINIMUM X	:	-.941	-.788	-.654
MAXIMUM Y	:	1.025	1.032	1.029
MINIMUM Y	:	-1.312	-1.305	-1.176
CENTROID X	:	-.065	-.218	-.352
CENTROID Y	:	.870	.863	.734
POA TO CENTROID in.	:	.873	.890	.814
MIN RADIUS	:	.306	.421	.337
MEAN RADIUS	:	.947	.879	.775
MAX RADIUS	:	1.376	1.487	1.270
HORIZONTAL SPREAD	:	2.315	1.858	1.132
VERTICAL SPREAD	:	2.337	2.337	2.205
EXTREME SPREAD	:	2.447	2.447	2.205
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			7	
NUMBER IN THREE INCH CIRCLE =			10	

2 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8587787

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 9

HS= 2.785

VS= 1.781

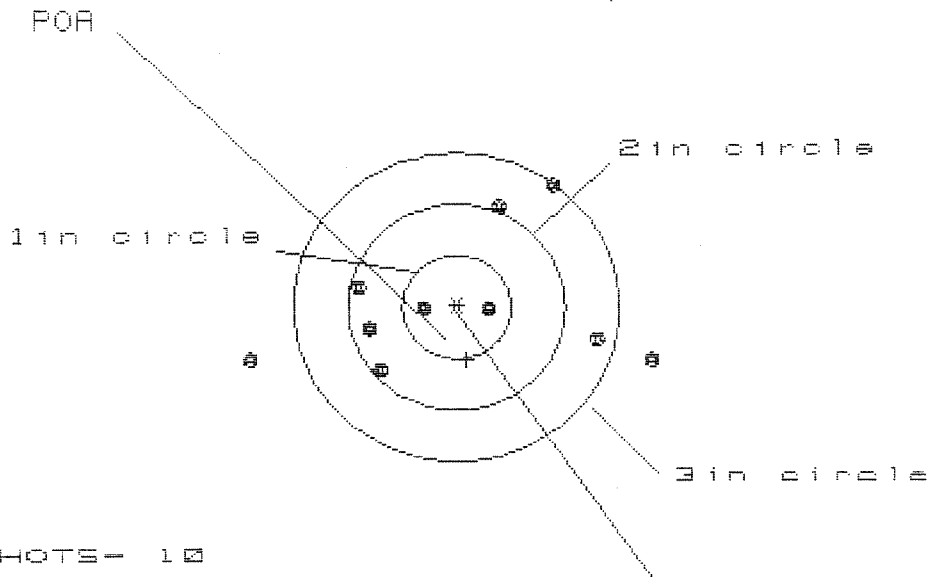
GS= 2.970

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.496	.846	.706
MINIMUM X	:	-1.289	-1.123	-.785
MAXIMUM Y	:	.963	.923	1.002
MINIMUM Y	:	-.818	-.858	-.779
CENTROID X	:	.170	.004	.144
CENTROID Y	:	.973	1.013	.934
POA TO CENTROID in.	:	.988	1.013	.945
MIN RADIUS	:	.198	.170	.228
MEAN RADIUS	:	.825	.734	.659
MAX RADIUS	:	1.538	1.289	1.106
HORIZONTAL SPREAD	:	2.785	1.969	1.491
VERTICAL SPREAD	:	1.781	1.781	1.781
EXTREME SPREAD	:	2.970	2.150	1.888
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			7	
NUMBER IN THREE INCH CIRCLE =			9	

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 3.722

VS= 1.770

GS= 3.722

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.841	1.632	1.246
MINIMUM X	:	-1.881	-1.120	-.916
MAXIMUM Y	:	1.164	1.110	1.038
MINIMUM Y	:	-.606	-.660	-.732
CENTROID X	:	-.093	.116	-.088
CENTROID Y	:	.511	.565	.637
POA TO CENTROID in.	:	.519	.577	.643
MIN RADIUS	:	.273	.097	.385
MEAN RADIUS	:	1.090	.997	.883
MAX RADIUS	:	1.943	1.732	1.335
HORIZONTAL SPREAD	:	2.722	2.352	2.162
VERTICAL SPREAD	:	1.770	1.770	1.770
EXTREME SPREAD	:	3.722	2.833	2.363
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	