

C6611780

MODEL 700TM M24

Model **SWS** TM

Action

Barrel Length

Capacity

Order No. **571E**

*Includes 1 in chamber.

Remington

Remington®

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

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

MODEL 700™ M24

SERIAL NO.
C6611780

ORDER NO.
5716

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

20



5716 C6611780

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6611780

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		1/24/91	KS
600	Proof		1/24/91	KS
607	Check Headspace		1/24/91	KS
610	Dis-assemble Gun		1/24/91	KS
612	Magnaflux Barrel Action		1/29/91	KR
	Magnaflux Bolt		11	KR
615	Rollmark Caliber		11	LL
617	Drill and Tap Sight Holes	2 2 91		LB
618	Polish Barrel <i>RBB</i>	2 2 91		WB
620	Apply Coatings (Barrel Action)		2-11-91	JA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		2/14/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/14/91	KS
	C) Inspect Ejector Hole for Chamfer		2/14/91	KS
	D) Oil Firing Pin Ass'y		2/14/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		2/15/91	SL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5 1/2	5			2/16/91	WLB
	G) Safety Off Force	3 1/2	3 1/2	3 1/2			2/16/91	WLB
	H) Trigger Pull Test & Retainability						2/15/91	KL
	I) Firing Pin Indent	.0205	.020	.0205			2/16/91	WLB
	J) Assemble Stock						2/18/91	KL
	K) Assemble Swivel Studs						2-25-91	KL
	L) Attach Front and Rear Sight Assemblies						2/18/91	KL
	M) Iron Sight Alignment						2/18/91	KL
	N) Detach Front & Rear Sights & place in numbered container						2/18/91	KL
	O) Attach Scope to Rifle						2/18/91	KL
	P) Detach & Attach Scope 20 Times						2/18/91	KL
640	Gallery Target & Test						2-19-91	AC
	A) Time						2-19-91	AC
	B) Malfunctions						2-19-91	AC
	C) Pierced Primers						2-19-91	AC
	D) Optical Clarity of Scope						2-19-91	AC
645	Inspect for Live Ammo						2-19-91	AC
655	Final Inspection							
	A) Headspace						2-25-91	KL
	B) Trigger Pull	2.51	2.33	2.32	2.29	2.28	2/21/91	KL
	C) Function						2-25-91	KL
660	Pack						2-15-91	D/H

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO C6611780

DATE 2/15/91

TESTER JEL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.51	2.26	2.28	2.51	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.38	2.26	2.20	2.33	
PULL #3	2.51	2.23	2.24	2.32	
PULL #4	2.27	2.24	2.30	2.29	
PULL #5	2.26	2.27	2.36	2.28	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.47	3.23		
PULL #2	3.34	3.19		
PULL #3	3.30	3.20		
PULL #4	3.19	3.18		
PULL #5	3.22	3.20		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.31	4.32		4.33
PULL #2	4.34	4.23		4.35
PULL #3	4.33	4.34		4.36
PULL #4	4.30	4.20		4.31
PULL #5	4.36	4.33		4.33
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611780
19 Feb 1991

CENTROIDAL DISTANCES

0 TO	1	.138708
1 TO	2	.105702
1 TO	3	.307065
1 TO	4	.0967988
1 TO	5	.180499

8 (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1148
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.168
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .293477
THE AMR FOR THIS RIFLE IS: .9448

19 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/CB511780

CENTERFIRE PATTERNS

1

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 9

HS= 2.687

VS= 2.096

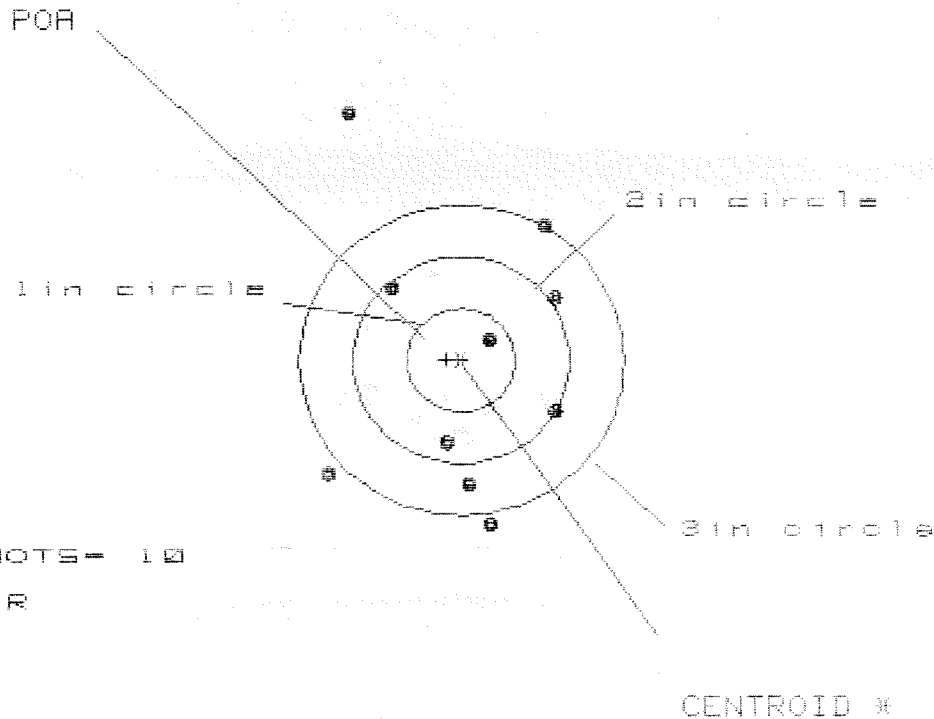
GS= 2.692

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.500	.929	.802
MINIMUM X	-1.187	-1.021	-.729
MAXIMUM Y	.935	1.002	1.105
MINIMUM Y	-1.161	-1.094	-.991
CENTROID X	.094	-.072	.055
CENTROID Y	-.102	-.169	-.272
POA TO CENTROID in.	.139	.183	.277
MIN RADIUS	.409	.254	.411
MEAN RADIUS	.973	.873	.816
MAX RADIUS	1.615	1.312	1.106
HORIZONTAL SPREAD	2.687	1.950	1.531
VERTICAL SPREAD	2.096	2.096	2.096
EXTREME SPREAD	2.692	2.509	2.096
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

19 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08611780

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 1

2in = 3

3in = 7

HS= 2.141

VS= 3.963

GS= 4.152

CENTROID *

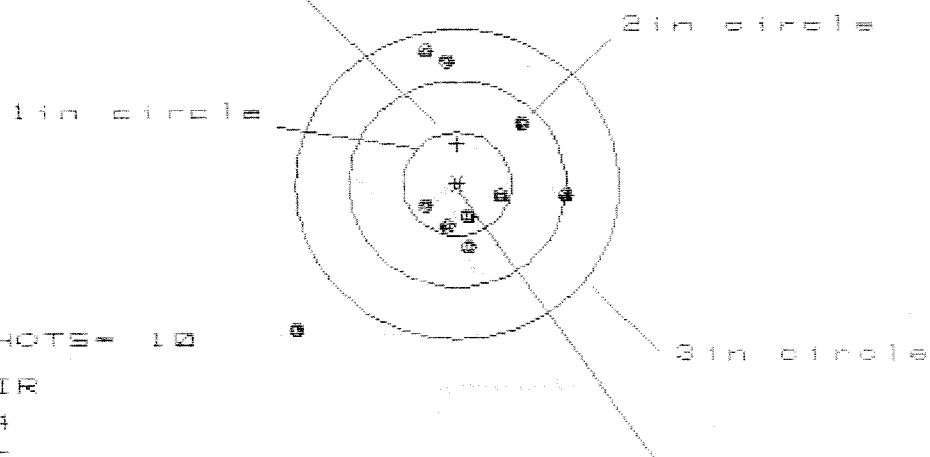
PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.881	.770	.598
MINIMUM X	-1.260	-1.371	-.886
MAXIMUM Y	2.377	1.563	1.455
MINIMUM Y	-1.586	-1.322	-1.430
CENTROID X	.136	.247	.419
CENTROID Y	-.005	-.269	-.161
POR TO CENTROID in.	.136	.365	.449
MIN RADIUS	.324	.514	.399
MEAN RADIUS	1.270	1.093	1.009
MAX RADIUS	2.580	1.686	1.526
HORIZONTAL SPREAD	2.141	2.141	1.484
VERTICAL SPREAD	3.963	2.885	2.885
EXTREME SPREAD	4.152	3.147	2.930
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	7		

19 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611780

CENTERFIRE PATTERNS # 3

POA



OF SHOTS= 10

IN CIR

1in = 4

2in = 6

3in = 9

HS= 2.509

VS= 2.684

CS= 2.966

CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.026	.961	.801
MINIMUM X	:	-1.483	-.482	-.518
MAXIMUM Y	:	1.270	1.113	1.168
MINIMUM Y	:	-1.413	-.758	-.618
CENTROID X	:	-.001	.164	.224
CENTROID Y	:	-.394	-.236	-.376
POA TO CENTROID in.	:	.394	.288	.437
MIN RADIUS	:	.303	.333	.205
MEAN RADIUS	:	.849	.720	.613
MAX RADIUS	:	2.049	1.213	1.200
HORIZONTAL SPREAD	:	2.509	1.343	1.311
VERTICAL SPREAD	:	2.684	1.871	1.786
EXTREME SPREAD	:	2.966	1.941	1.791
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

19 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611780

CENTERFIRE PATTERNS # 4

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 3

2in = 7

3in = 10

HS= 2.066

VS= 1.365

GS= 2.276

CENTROID *

PATTERN #

4

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	-1.001	.883	.741
MINIMUM X	:	-1.065	-1.135	-.555
MAXIMUM Y	:	.734	.788	.735
MINIMUM Y	:	-.631	-.577	-.630
CENTROID X	:	.185	.303	.445
CENTROID Y	:	-.069	-.123	-.070
POA TO CENTROID in.	:	.197	.327	.450
MIN RADIUS	:	.259	.322	.455
MEAN RADIUS	:	.747	.700	.637
MAX RADIUS	:	1.172	1.212	.876
HORIZONTAL SPREAD	:	2.066	2.018	1.296
VERTICAL SPREAD	:	1.365	1.365	1.365
EXTREME SPREAD	:	2.276	2.018	1.540
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

19 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8811780

CENTERFIRE PATTERNS

5

POB

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 2.171

VS= 2.074

GS= 2.407

PATTERN #

5

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.742

.583

.523

MINIMUM X

-1.429

-1.005

-.932

MAXIMUM Y

.956

.901

.755

MINIMUM Y

-1.118

-1.173

-1.223

CENTROID X

.160

.319

.246

CENTROID Y

-.270

-.215

-.069

POB TO CENTROID in.

.314

.384

.255

MIN RADIUS

.358

.255

.362

MEAN RADIUS

.885

.796

.710

MAX RADIUS

1.511

1.310

1.331

HORIZONTAL SPREAD

2.171

1.588

1.455

VERTICAL SPREAD

2.074

2.074

1.978

EXTREME SPREAD

2.407

2.166

2.038

NUMBER IN ONE

INCH CIRCLE

= 2

NUMBER IN TWO

INCH CIRCLE

= 6

NUMBER IN THREE

INCH CIRCLE

= 9

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 94-18303

INITIAL
FDC

CUSTOMER ORDER NO.
DAAA09-92-C-0834

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

DATE RECEIVED 06/10/94	DATE OPENED 06/10/94	DATE CODE	SERIAL NUMBER C6611780	NEW SERIAL NUMBER	MODEL AND GRADE 700 7-62	NATO
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ACCESSORIES SLING STRAP HARD CASE SCOPE MNTS SCOPE BASE

SCOPE 90-0791

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 CJO.DL

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
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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 4643.45
 Trigger Assy 173.31
 ✓ Front Sight Assy 56.75
 ✓ Rear Sight Assy 231.01
 C.T.V. 50.00
 \$1154.49

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
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GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
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3/1 3/1

OFFICE COPY

RD9925 REV. 1/94

SWS TRIGGER PULL TEST

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

SERIAL NO. _____

DATE 2-16-96

TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.37	2.21	2.30		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.28	2.20	2.37		
PULL #3	2.37	2.21	2.18		
PULL #4	2.41	2.23	2.39		
PULL #5	2.39	2.21	2.37		
TOTAL	11.82	11.06	11.61		
AVG.	2.36	2.21	2.32		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.18	3.00		
PULL #2	3.20	3.15		
PULL #3	3.33	3.20		
PULL #4	3.39	3.10		
PULL #5	3.32	3.05		
TOTAL	16.42	15.50		
AVG.	3.28	3.10		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.29	4.02		4.12
PULL #2	4.18	4.01		4.16
PULL #3	4.09	4.00		4.26
PULL #4	4.10	4.01		4.06
PULL #5	4.00	4.15		4.23
TOTAL	20.66	20.19		20.83
AVG.	4.13	4.03		4.16

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6611780

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	5½	5½	5½			3/8	AC
	G) Safety Off Force	3½	3½	3½			3/8	AC
	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	2.40	2.44	2.46	2.38	2.35	3/8/96	WB
	C) Function							
660	Pack							

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06611780
2 Jan 1980

CENTROIDAL DISTANCES

0 TO	1	1.07651
1 TO	2	.470228
1 TO	3	.284201
1 TO	4	.341672
1 TO	5	.331652

1
2
3
4
5

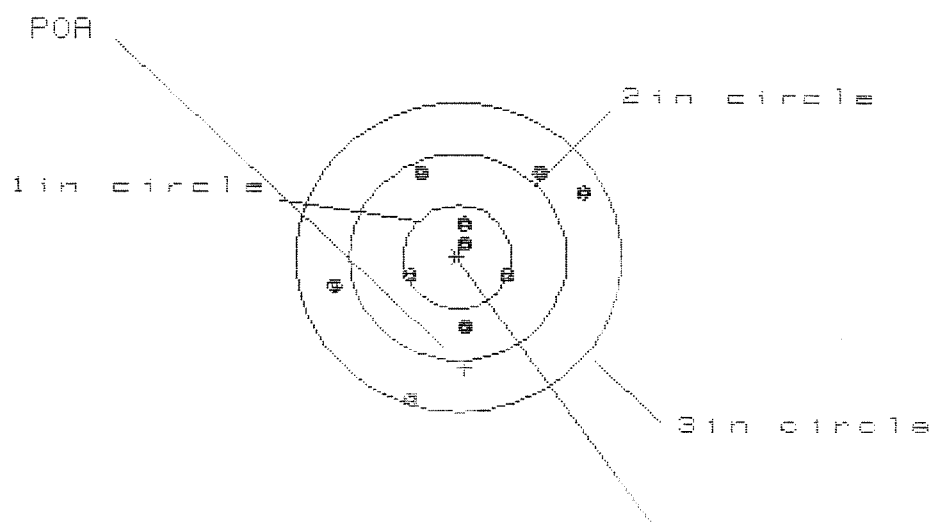
+ (----POB)

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0024
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .8342
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .001292
THE AMR FOR THIS RIFLE IS: .9854

2 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6611780

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 6

3 in = 10

HS= 2.317

VS= 2.209

GS= 2.482

CENTROID #

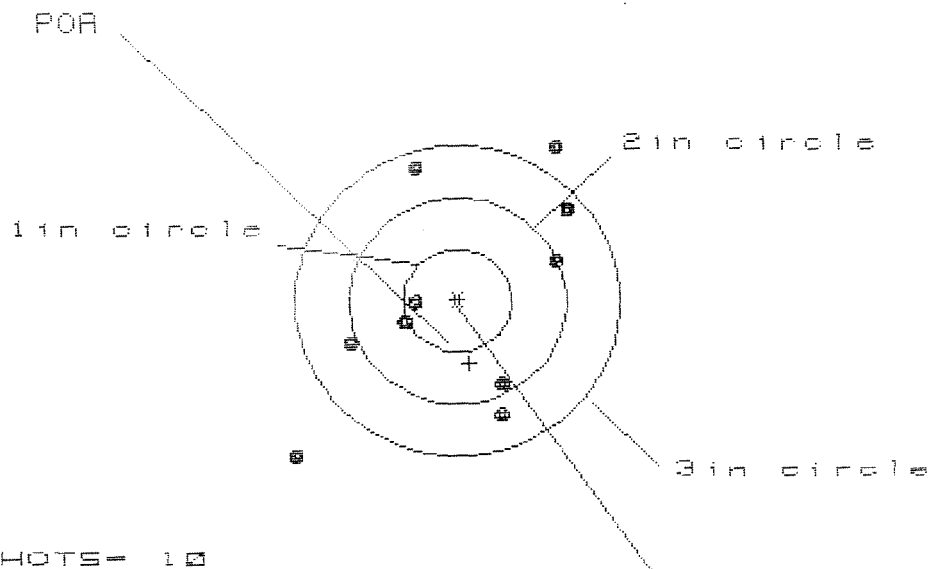
PATTERN 1

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.126	1.080	.843
MINIMUM X	-1.191	-1.237	-1.182
MAXIMUM Y	.839	.687	.741
MINIMUM Y	-1.370	-.827	-.773
CENTROID X	-.057	-.011	-.146
CENTROID Y	1.075	1.227	1.173
POA TO CENTROID in.	1.076	1.227	1.182
MIN RADIUS	.175	.038	.182
MEAN RADIUS	.813	.719	.671
MAX RADIUS	1.431	1.320	1.174
HORIZONTAL SPREAD	2.317	2.317	1.945
VERTICAL SPREAD	2.209	1.514	1.514
EXTREME SPREAD	2.492	2.483	2.253
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

2 Jan 1968

FILE:/PATTERNING/CENTERFIRE_PATT/C8811780

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 8

HSI = 2.496

VS = 2.985

GS = 3.830

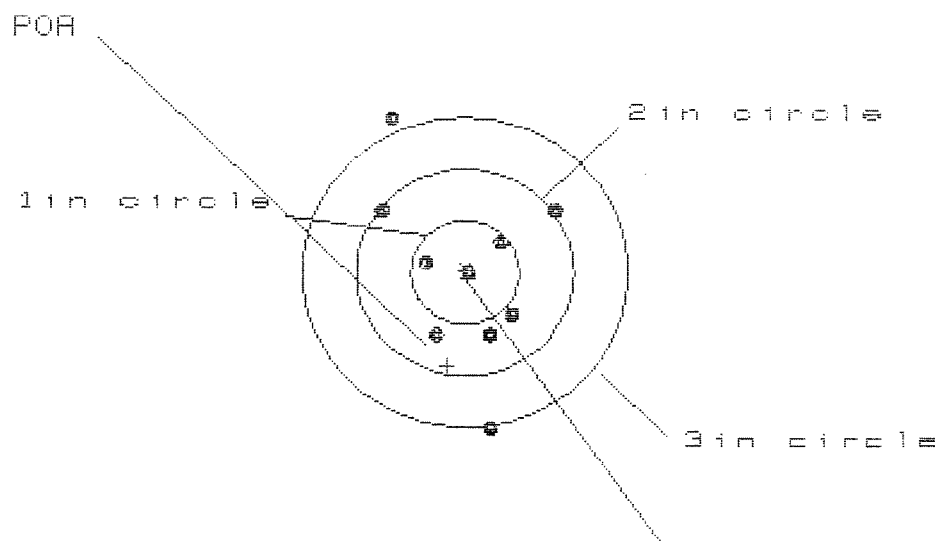
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.024	.861	.956
MINIMUM X	:	-1.472	-1.111	-1.016
MAXIMUM Y	:	1.478	1.310	1.252
MINIMUM Y	:	-1.508	-1.240	-1.076
CENTROID X	:	-.112	.051	-.044
CENTROID Y	:	.608	.775	.611
POR TO CENTROID in.	:	.618	.777	.613
MIN RADIUS	:	.374	.570	.443
MEAN RADIUS	:	1.154	1.057	.968
MAX RADIUS	:	2.107	1.516	1.329
HORIZONTAL SPREAD	:	2.496	1.972	1.972
VERTICAL SPREAD	:	2.985	2.550	2.328
EXTREME SPREAD	:	3.830	2.655	2.454
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

2 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6611780

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 9

HS- 1.515

VS 2.941

GS= 3.080

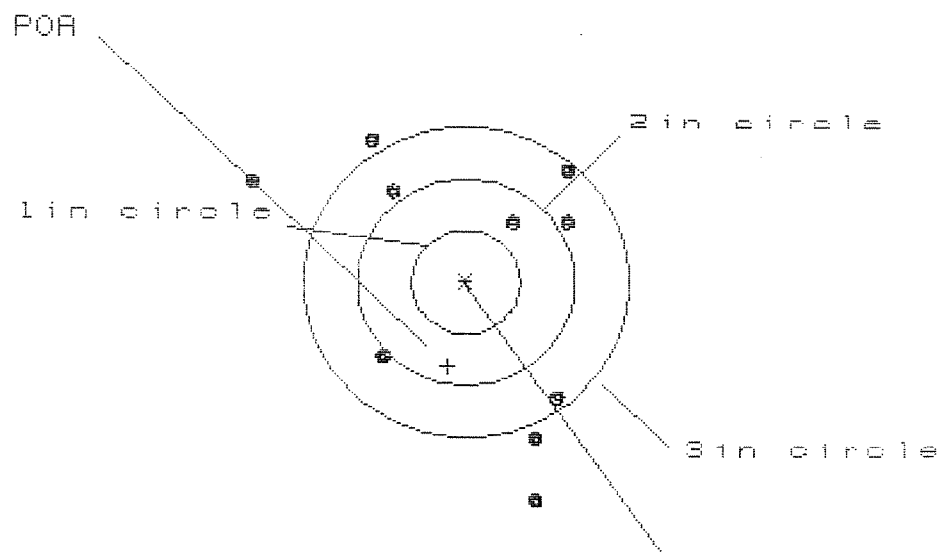
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.787	.710	.728
MINIMUM X	:	-.728	-.805	-.787
MAXIMUM Y	:	1.483	.800	.638
MINIMUM Y	:	-1.458	-1.293	-.647
CENTROID X	:	.170	.247	.229
CENTROID Y	:	.904	.739	.900
POA TO CENTROID in.	:	.920	.779	.929
MIN RADIUS	:	.053	.132	.044
MEAN RADIUS	:	.778	.670	.579
MAX RADIUS	:	1.637	1.301	1.013
HORIZONTAL SPREAD	:	1.515	1.515	1.515
VERTICAL SPREAD	:	2.941	2.093	1.286
EXTREME SPREAD	:	3.080	2.298	1.579
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			7	
NUMBER IN THREE INCH CIRCLE =			9	

2 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6611780

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 0

2in = 1

3in = 6

HS= 2.898

VS= 3.516

GS= 4.084

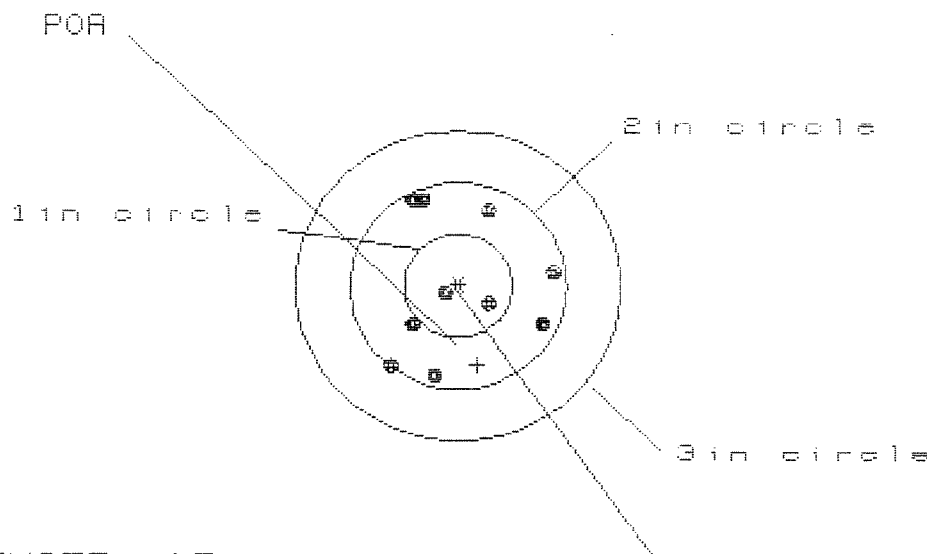
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.916	.984	.745
MINIMUM X	-1.982	-1.914	-1.030
MAXIMUM Y	1.354	1.114	1.209
MINIMUM Y	-2.162	-1.726	-1.631
CENTROID X	.167	.099	.338
CENTROID Y	.817	1.057	.962
POA TO CENTROID in.	.834	1.062	1.020
MIN RADIUS	.735	.632	.515
MEAN RADIUS	1.444	1.324	1.206
MAX RADIUS	2.248	2.061	1.693
HORIZONTAL SPREAD	2.898	2.898	1.775
VERTICAL SPREAD	3.516	2.840	2.840
EXTREME SPREAD	4.094	3.604	3.204
NUMBER IN ONE INCH CIRCLE =	0	1	6
NUMBER IN TWO INCH CIRCLE =	1	1	6
NUMBER IN THREE INCH CIRCLE =	6	1	6

2 Jan 1988

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 10

3in = 10

HS= 1.453

VS= 1.775

GS= 1.779

CENTROID #

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.837	.769	.702
MINIMUM X	-.616	-.530	-.586
MAXIMUM Y	.880	.795	.891
MINIMUM Y	-.895	-.980	-.884
CENTROID X	-.180	-.112	-.045
CENTROID Y	.767	.852	.756
POA TO CENTROID in.	.788	.859	.757
MIN RADIUS	.146	.253	.209
MEAN RADIUS	.738	.713	.668
MAX RADIUS	.979	1.020	1.004
HORIZONTAL SPREAD	1.453	1.299	1.288
VERTICAL SPREAD	1.775	1.775	1.775
EXTREME SPREAD	1.779	1.779	1.779
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		10	
NUMBER IN THREE INCH CIRCLE =		10	