

C6587718

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*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™ H24

SERIAL NO. C6587718

ORDER NO. 5716

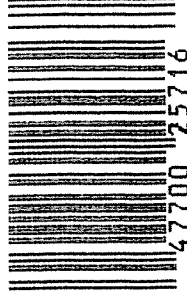
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

01



5716 C6587718

UPC



0 47700 25716 7

GUN SERIAL # C6587718

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1019	90	RW
600	Proof	1019	90	RW
607	Check Headspace	1019	90	RW
610	Dis-assemble Gun	1019	90	RW
612	Magnaflux Barrel Action		10/23/90	KR
	Magnaflux Bolt		10/23/90	KR
615	Rollmark Caliber		10/23/90	GL
617	Drill and Tap Sight Holes		10/26/90	FB
618	Polish Barrel RB		10/27/90	WB
620	Apply Coatings (Barrel Action)		11-7-90	TH
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		11/12/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/12/90	RW
	C) Inspect Ejector Hole for Chamfer		11/12/90	RW
	D) Oil Firing Pin Ass'y		11/12/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11/30/90	TH

op. #	BARBER M24 0025791	READINGS			DATE	INIT
625 cont.	F) Safety On Force	3	3	3	11/30/90	JK
	G) Safety Off Force	2.75	2.75	2.50	11/30/90	JK
	H) Trigger Pull Test & Retainability				11/30/90	JK
	I) Firing Pin Indent	.0225	.022	.022	11/30/90	JK
	J) Assemble Stock				12/1/90	RW
	K) Assemble Swivel Studs				12-4-90	gds
	L) Attach Front and Rear Sight Assemblies				12/1/90	RW
	M) Iron Sight Alignment				12/1/90	RW
	N) Detach Front & Rear Sights & place in numbered container				12/1/90	RW
	O) Attach Scope to Rifle				12/1/90	RW
	P) Detach & Attach Scope 20 Times				12/1/90	RW
640	Gallery Target & Test				12/1/90	JK
	A) Time				"	JK
	B) Malfunctions				"	JK
	C) Pierced Primers				"	JK
	D) Optical Clarity of Scope				"	JK
645	Inspect for Live Ammo				12/1/90	JK
655	Final Inspection					
	A) Headspace				12-4-90	gds
	B) Trigger Pull	2.73	2.70	2.64	12-4-90	gds
	C) Function				12-4-90	gds
660	Pack				12/14/90	AF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO C6587718

DATE 11-30-90

TESTER JEP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.39	2.39	2.45	2.73	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.39	2.35	2.41	2.70	
PULL #3	2.31	2.17	2.19	2.64	
PULL #4	2.43	2.40	2.31	2.68	
PULL #5	2.28	2.15	2.42	2.47	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.46	3.20		
PULL #2	3.43	3.15		
PULL #3	3.48	3.18		
PULL #4	3.49	3.40		
PULL #5	3.50	3.38		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.30	4.10		4.19
PULL #2	4.29	4.10		4.19
PULL #3	4.20	4.20		4.20
PULL #4	4.29	4.16		4.19
PULL #5	4.29	4.19		4.17
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587718
1 Dec 1990

CENTROIDAL DISTANCES

Ø TO	1	.121149
1 TO	2	.114039
1 TO	3	.096421
1 TO	4	.123146
1 TO	5	.0559732

⚡ (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0882
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.012
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0890126
THE AMR FOR THIS RIFLE IS: .714

1 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08587718

CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in = 4

2 in = 9

3 in = 10

HS = 1.615

VS = 1.609

CS = 1.813

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.049	.487	.515
MINIMUM X	-.566	-.450	-.422
MAXIMUM Y	.703	.656	.537
MINIMUM Y	-.906	-.953	-1.072
CENTROID X	.114	-.002	-.036
CENTROID Y	-.041	.006	.125
POA TO CENTROID in.	.121	.007	.129
MIN RADIUS	.133	.035	.130
MEAN RADIUS	.629	.530	.446
MAX RADIUS	1.131	.977	1.076
HORIZONTAL SPREAD	1.615	.937	.937
VERTICAL SPREAD	1.609	1.609	1.609
EXTREME SPREAD	1.813	1.663	1.663
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		9	
NUMBER IN THREE INCH CIRCLE =		10	

1 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/GA587718

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 0

2in = 5

3in = 9

HS= 1.844

VS= 2.404

GS= 2.755

CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.771	.670	.603
MINIMUM X	:	-1.073	-1.174	-1.241
MAXIMUM Y	:	.891	.723	.565
MINIMUM Y	:	-1.513	-1.260	-1.717
CENTROID X	:	.000	.101	.168
CENTROID Y	:	-.044	.124	.282
POA TO CENTROID in.	:	.044	.160	.328
MIN RADIUS	:	.505	.389	.327
MEAN RADIUS	:	.918	.769	.653
MAX RADIUS	:	1.764	1.369	1.433
HORIZONTAL SPREAD	:	1.844	1.844	1.844
VERTICAL SPREAD	:	2.404	1.983	1.282
EXTREME SPREAD	:	2.755	2.137	2.129
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

1 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06587718

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 3

2in = 8

3in = 10

HS= 2.902

VS= 1.625

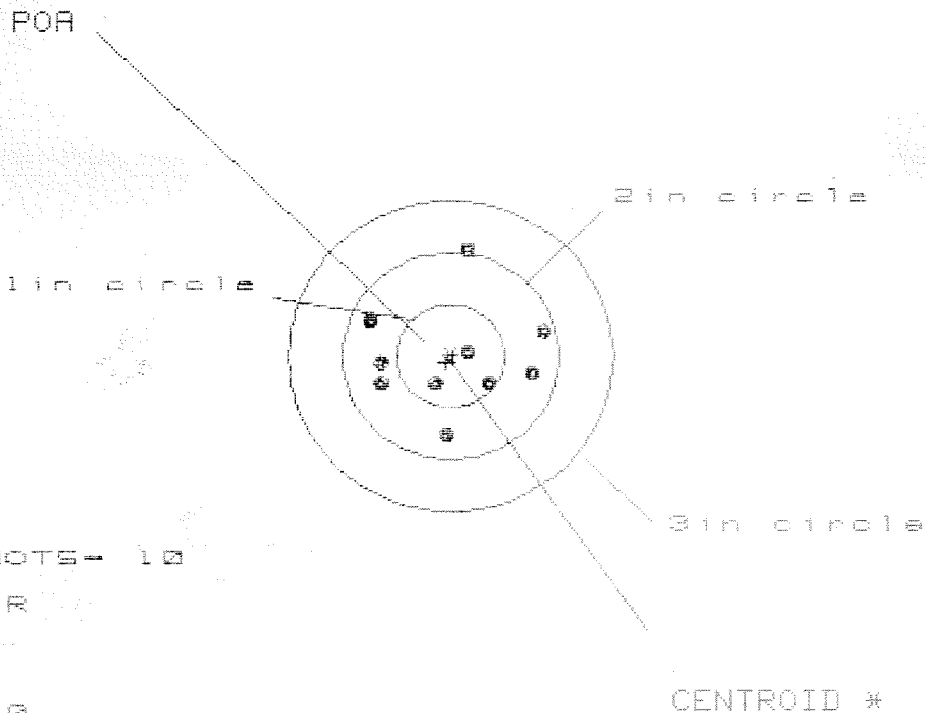
GS= 2.935

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.415	1.249	.732
MINIMUM X	:	-1.487	-1.051	-.895
MAXIMUM Y	:	.649	.653	.603
MINIMUM Y	:	-.976	-.972	-1.022
CENTROID X	:	.210	.376	.220
CENTROID Y	:	-.032	-.036	.014
POA TO CENTROID in.	:	.213	.377	.220
MIN RADIUS	:	.212	.098	.189
MEAN RADIUS	:	.815	.719	.644
MAX RADIUS	:	1.488	1.311	1.042
HORIZONTAL SPREAD	:	2.902	2.300	1.627
VERTICAL SPREAD	:	1.625	1.625	1.625
EXTREME SPREAD	:	2.935	2.393	1.875
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

1 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08587718

CENTERFIRE PATTERNS # 4



HS= 1.615

VS= 1.773

GS= 1.783

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.823	.838	.887
MINIMUM X	:	-.792	-.777	-.672
MAXIMUM Y	:	1.058	.449	.497
MINIMUM Y	:	-.715	-.597	-.549
CENTROID X	:	.045	.030	-.075
CENTROID Y	:	.061	-.057	-.105
POA TO CENTROID in.	:	.075	.064	.129
MIN RADIUS	:	.204	.180	.067
MEAN RADIUS	:	.646	.580	.522
MAX RADIUS	:	1.067	.920	.887
HORIZONTAL SPREAD	:	1.615	1.615	1.559
VERTICAL SPREAD	:	1.773	1.046	1.046
EXTREME SPREAD	:	1.783	1.635	1.635
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

1 Dec 1990

FILE:/PATTERNING/CENTERFIRE_PATT/08507710

CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 4

2 in = 9

3 in = 10

HS = 1.870

VS = 1.030

GS = 1.913

CENTROID #

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.778	.656	.488
MINIMUM X	-1.092	-.824	-.742
MAXIMUM Y	.430	.456	.438
MINIMUM Y	-.600	-.574	-.592
CENTROID X	.072	.194	.112
CENTROID Y	-.004	-.030	-.012
POA TO CENTROID in.	.072	.196	.112
MIN RADIUS	.220	.222	.248
MEAN RADIUS	.562	.486	.461
MAX RADIUS	1.117	.853	.779
HORIZONTAL SPREAD	1.870	1.480	1.230
VERTICAL SPREAD	1.030	1.030	1.030
EXTREME SPREAD	1.913	1.482	1.295
NUMBER IN ONE INCH CIRCLE	= 4		
NUMBER IN TWO INCH CIRCLE	= 9		
NUMBER IN THREE INCH CIRCLE	= 10		

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
94-18322

INITIAL
FDC

CUSTOMER ORDER NO.

DAAA07-92-C-0834

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

Scope # 89-0005

DATE RECEIVED
06/11/94

DATE OPENED

06/11/94

DATE CODE

SERIAL NUMBER

C6587718

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 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 \$648.45
 ✓ Stock 471.11
 ✓ Trigger Assy 173.31
 ✓ Firing Pin Assy 9.96
 ✓ Mag Spring 1.20
 CTI 50.00
 \$1349.50

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD5925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0625999 25838

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50#+ .50#

3.00#+ .75#

4.00#+1.00#

SERIAL NO. 6587718

DATE 11-27-95

TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.61	2.64	2.69		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.62	2.73	2.53		
PULL #3	2.55	2.69	2.51		
PULL #4	2.57	2.65	2.63		
PULL #5	2.54	2.59	2.47		
TOTAL	12.89	13.30	12.83		
AVG.	2.57	2.66	2.56		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.06	3.22		
PULL #2	3.08	3.20		
PULL #3	2.85	3.24		
PULL #4	3.00	3.27		
PULL #5	3.01	3.06		
TOTAL	15.00	15.79		
AVG.	3.00	3.15		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.12	4.06		4.03
PULL #2	4.18	4.21		4.00
PULL #3	4.18	4.30		4.00
PULL #4	4.16	4.24		4.00
PULL #5	4.13	4.27		4.00
TOTAL	20.77	21.08		20.03
AVG.	4.15	4.21		4.00

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6587718

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 0025802

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	5 3/4			1/25/96	WB
	G) Safety Off Force	3	3	3			1/25/96	WB
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.023	.0245	.023			1/25/96	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	2.40	2.42	2.46	2.40	2.40	1/25/96	WB
	C) Function							
660	Pack							

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06587718
1 Jan 1900

CENTROIDAL DISTANCES

0 TO	1	.883009
1 TO	2	.8309
1 TO	3	.0787903
1 TO	4	.373086
1 TO	5	.43899

5²
43

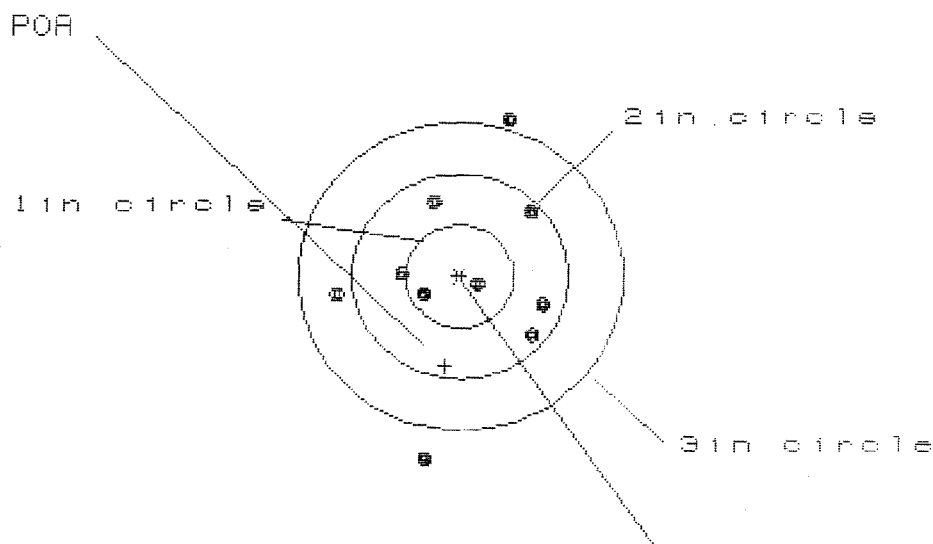
T (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0418
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: 1.084
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 1.08481
THE AMR FOR THIS RIFLE IS: .9884

1 Jan 1900

FILE:/PATTERNING/CENTERFIRE_PATT/06587718

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 7

3 in = 8

HS = 1.851

VS = 3.283

GS = 3.392

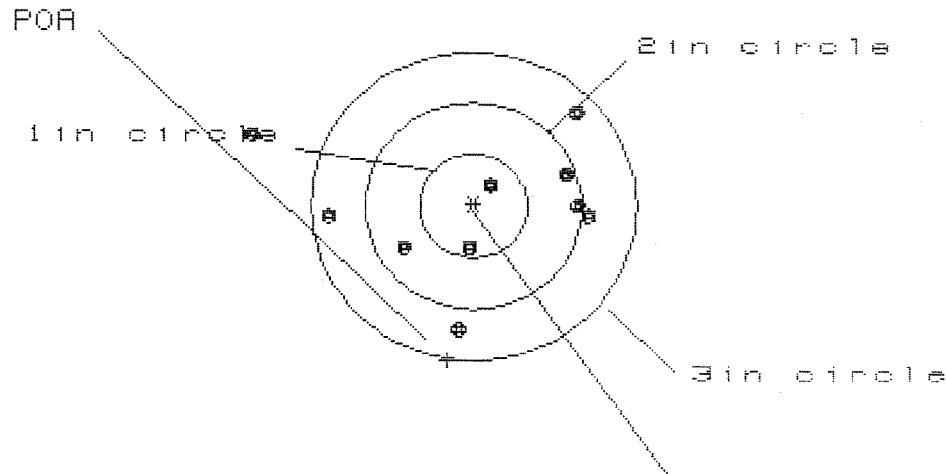
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.737	.694	.747
MINIMUM X	-1.114	-1.157	-1.104
MAXIMUM Y	1.496	1.298	.686
MINIMUM Y	-1.787	-.771	-.689
CENTROID X	.139	.182	.129
CENTROID Y	.872	1.070	.908
POA TO CENTROID in.	.883	1.086	.917
MIN RADIUS	.164	.251	.182
MEAN RADIUS	.890	.788	.689
MAX RADIUS	1.828	1.364	1.120
HORIZONTAL SPREAD	1.851	1.851	1.851
VERTICAL SPREAD	3.283	2.069	1.295
EXTREME SPREAD	3.392	2.279	1.936
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	8		

1 Jan 1968

FILE:/PATTERNING/CENTERFIRE_PATT/06587718

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

CENTROID #

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS= 3.067

VS= 2.075

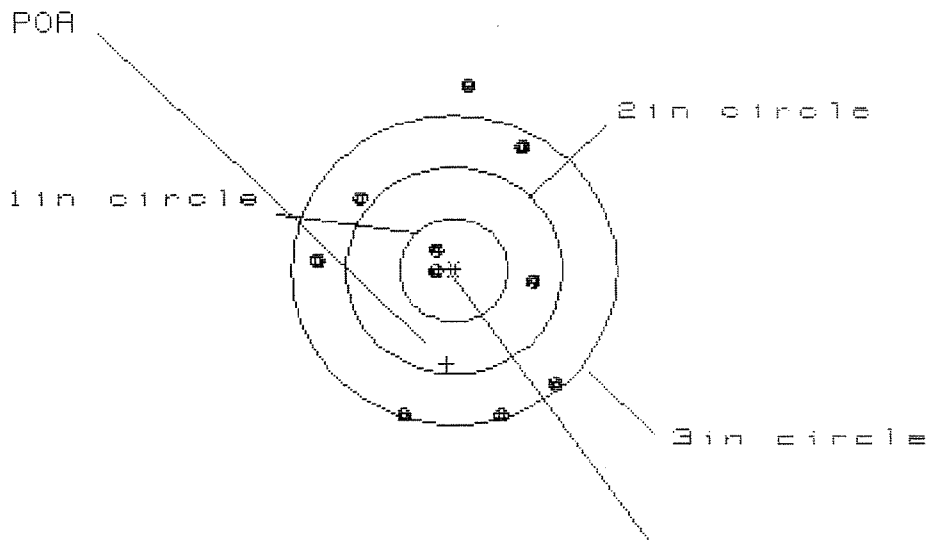
GS= 3.178

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.073	.852	.944
MINIMUM X	:	-1.994	-1.523	-1.431
MAXIMUM Y	:	.929	1.006	.481
MINIMUM Y	:	-1.146	-1.069	-.943
CENTROID X	:	.244	.465	.373
CENTROID Y	:	1.494	1.417	1.291
POA TO CENTROID in.	:	1.514	1.492	1.344
MIN RADIUS	:	.289	.304	.230
MEAN RADIUS	:	1.032	.876	.824
MAX RADIUS	:	2.111	1.523	1.438
HORIZONTAL SPREAD	:	3.067	2.375	2.375
VERTICAL SPREAD	:	2.075	2.075	1.424
EXTREME SPREAD	:	3.178	2.467	2.376
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/C6587718

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 3

3 in = 8

HS= 2.228

VS= 3.227

GS= 3.286

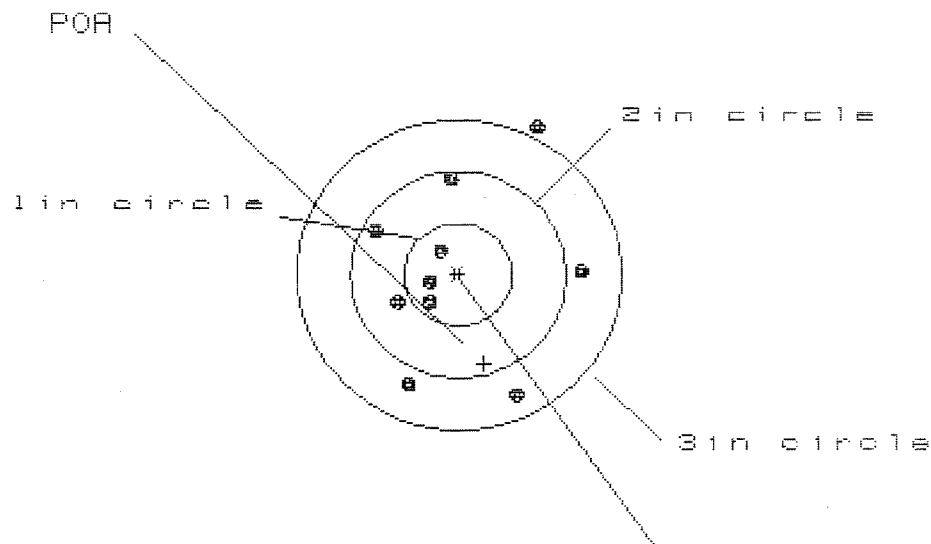
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.953	.968	.909
MINIMUM X	:	-1.275	-1.260	-1.319
MAXIMUM Y	:	1.778	1.413	1.256
MINIMUM Y	:	-1.449	-1.251	-1.323
CENTROID X	:	.067	.052	.111
CENTROID Y	:	.904	.706	.863
POA TO CENTROID in.	:	.906	.708	.870
MIN RADIUS	:	.138	.224	.183
MEAN RADIUS	:	1.117	1.052	.991
MAX RADIUS	:	1.783	1.566	1.419
HORIZONTAL SPREAD	:	2.228	2.228	2.228
VERTICAL SPREAD	:	3.227	2.664	2.579
EXTREME SPREAD	:	3.286	2.900	2.586
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	

1 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6587718

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 5

3 in = 9

HS= 1.9000

VS= 2.604

GS= 2.773

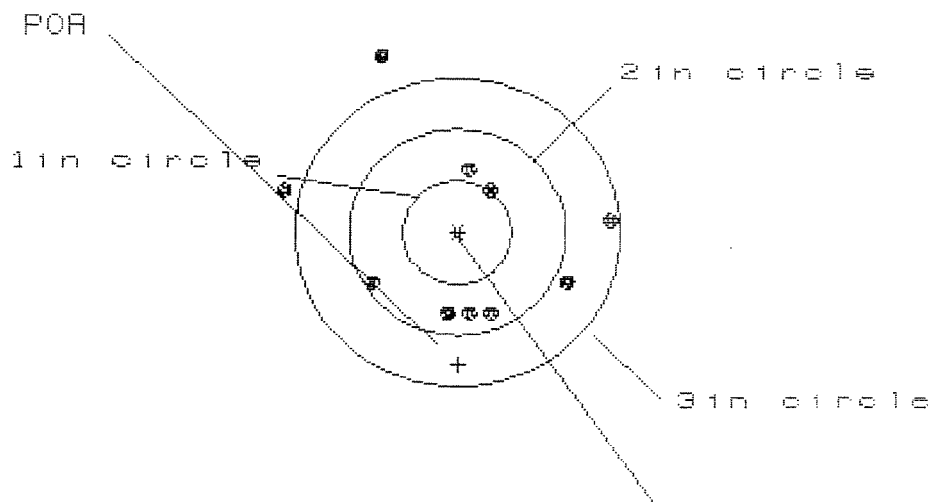
CENTROID *

PATTERN #	4	4	4
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.161	1.242	1.323
MINIMUM X	-.739	-.658	-.577
MAXIMUM Y	1.395	1.077	.945
MINIMUM Y	-1.209	-1.054	-1.079
CENTROID X	-.234	-.315	-.396
CENTROID Y	.864	.709	.841
POA TO CENTROID in.	.895	.776	.930
MIN RADIUS	.266	.190	.104
MEAN RADIUS	.855	.745	.650
MAX RADIUS	1.577	1.252	1.323
HORIZONTAL SPREAD	1.900	1.900	1.900
VERTICAL SPREAD	2.604	2.131	2.024
EXTREME SPREAD	2.773	2.235	2.056
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

1 Jan 1900

FILE:/PATTERNING/CENTERFIRE_PATT/C6507710

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

CENTROID *

IN CIR

1in = 1

2in = 5

3in = 8

HS= 3.005

VS= 2.545

GS= 3.015

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.381	1.299	1.086
MINIMUM X	:	-1.624	-1.706	-1.046
MAXIMUM Y	:	1.755	.845	.915
MINIMUM Y	:	-.790	-.594	-.524
CENTROID X	:	-.007	.075	.288
CENTROID Y	:	1.286	1.090	1.020
POA TO CENTROID in.	:	1.286	1.093	1.059
MIN RADIUS	:	.489	.559	.524
MEAN RADIUS	:	1.048	.914	.777
MAX RADIUS	:	1.904	1.798	1.154
HORIZONTAL SPREAD	:	3.005	3.005	2.132
VERTICAL SPREAD	:	2.545	1.439	1.439
EXTREME SPREAD	:	3.015	3.015	2.225
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	