

C6523535

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

M2400029882

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

Smead®

Remington®

MODEL 700™ H24

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

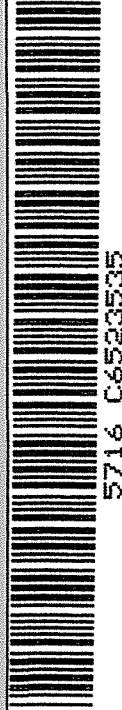


REG. U.S. PAT. & TM. OFF.

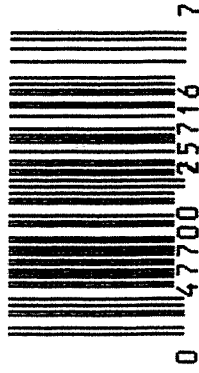
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

SERIAL NO.
C6523535

ORDER NO.
5716



UPC



CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6523535

OP. #	OP. NAME	READINGS	DATE	INI
575 & 580	Assemble Action and Stock	10 9 90	10/17/90	Ki
600	Proof	10 9 90	10/17/90	Ki
607	Check Headspace	10 9 90	10/17/90	Ki
610	Dis-assemble Gun	10 9 90	10/17/90	Ki
612	Magnaflux Barrel Action		10/17/90	Ki
	Magnaflux Bolt		10/17/90	Ki
615	Rollmark Caliber		10/17/90	Ki
617	Drill and Tap Sight Holes		10/18/90	Ki
618	Polish Barrel RB		10/19/90	Ki
620	Apply Coatings (Barrel Action)		11-5-90	Ki
	Apply Coating (Bolt)			Ki
625	Final Assembly			
	A) Clean inside of Bolt Assembly		11/7/90	Ki
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/7/90	Ki
	C) Inspect Ejector Hole for Chamfer		11/7/90	Ki
	D) Oil Firing Pin Ass'y		11/17/90	Ki
	E) Adjust Trigger Pull to Min Setting and Stake		11-12-90	Ki

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			11/12/90	WA
	G) Safety Off Force	2 1/4	2 1/4	2 1/4			11/12/90	WA
	H) Trigger Pull Test & Retainability						11-12-90	JK
	I) Firing Pin Indent	.0215	.022	.0215			11/12/90	WA
	J) Assemble Stock						11/14/90	Ru
	K) Assemble Swivel Studs						11-20-90	D/H
	L) Attach Front and Rear Sight Assemblies						11/14/90	Ru
	M) Iron Sight Alignment						11/14/90	Ru
	N) Detach Front & Rear Sights & place in numbered container						11/14/90	Ru
	O) Attach Scope to Rifle						11/14/90	Ru
	P) Detach & Attach Scope 20 Times						11/14/90	Ru
640	Gallery Target & Test						11-15-90	AC
	A) Time						11-15-90	AC
	B) Malfunctions						11-15-90	AC
	C) Pierced Primers						11-15-90	AC
	D) Optical Clarity of Scope						11-15-90	AC
645	Inspect for Live Ammo						11-15-90	AC
655	Final Inspection							
	A) Headspace						11-20-90	D/H
	B) Trigger Pull	2.90	2.90	2.91	2.92	2.87	11-20-90	D/H
	C) Function						11-20-90	D/H
660	Pack						12/14/90	R

SWS TRIGGER PULL TEST

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

SERIAL NO. 06523535

DATE 11-12-90

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.39	2.32	2.33	298	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.49	2.35	2.36	290	
PULL #3	2.45	2.25	2.36	291	
PULL #4	2.45	2.37	2.38	292	
PULL #5	2.44	2.35	2.31	287	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.31	3.31		
PULL #2	3.13	3.24		
PULL #3	3.31	3.12		
PULL #4	3.41	3.23		
PULL #5	3.32	3.21		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.34	4.38		4.40
PULL #2	4.31	4.36		4.39
PULL #3	4.20	4.38		4.40
PULL #4	4.29	4.32		4.42
PULL #5	4.22	4.37		4.33
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523535
15 Nov 1990

CENTROIDAL DISTANCES

0 TO	1	.249479
1 TO	2	.643024
1 TO	3	.54092
1 TO	4	.184765
1 TO	5	.204707

841 <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0576
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1066
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .121166
THE AMR FOR THIS RIFLE IS: .857

15 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523535

CENTERFIRE PATTERNS

1

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 10

HS= 2.369

VS= 2.149

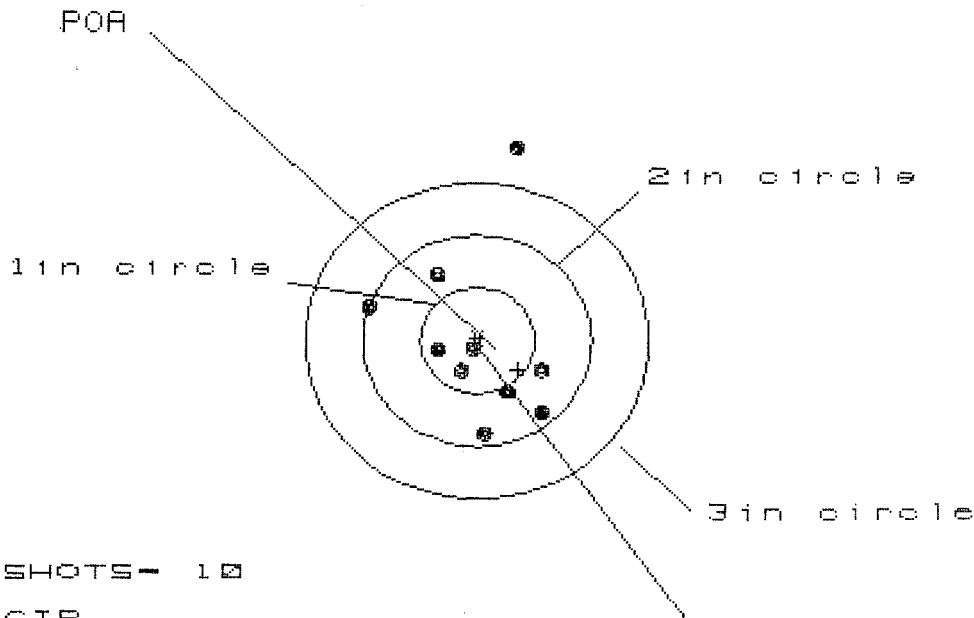
GS= 2.547

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.030	1.113	.960
MINIMUM X	:	-1.339	-1.224	-1.130
MAXIMUM Y	:	.934	.656	.668
MINIMUM Y	:	-1.215	-1.111	-1.099
CENTROID X	:	.244	.129	.282
CENTROID Y	:	.052	-.052	-.064
POA TO CENTROID in.	:	.249	.139	.290
MIN RADIUS	:	.056	.140	.165
MEAN RADIUS	:	.924	.886	.828
MAX RADIUS	:	1.390	1.273	1.194
HORIZONTAL SPREAD	:	2.369	2.337	2.090
VERTICAL SPREAD	:	2.149	1.767	1.767
EXTREME SPREAD	:	2.547	2.360	2.132
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	

15 Nov 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6523535

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 3

2in = 9

3in = 9

HS= 1.502

VS= 2.709

GS= 2.721

CENTROID #

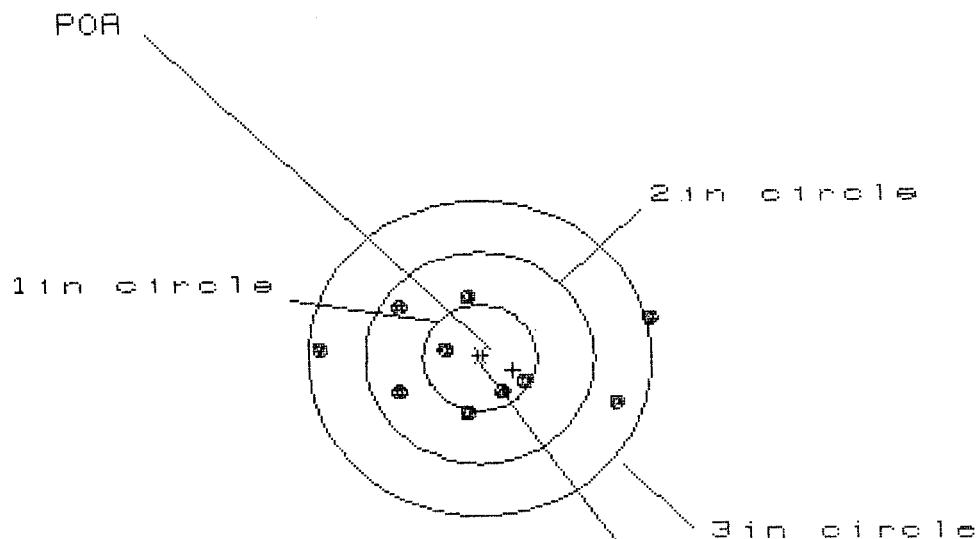
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.600	.634	.526
MINIMUM X	:	-.902	-.868	-.443
MAXIMUM Y	:	1.863	.820	.885
MINIMUM Y	:	-.846	-.639	-.574
CENTROID X	:	-.358	-.392	-.284
CENTROID Y	:	.278	.071	.006
POR TO CENTROID in.	:	.453	.399	.284
MIN RADIUS	:	.085	.087	.173
MEAN RADIUS	:	.721	.539	.478
MAX RADIUS	:	1.889	1.010	.990
HORIZONTAL SPREAD	:	1.502	1.502	.969
VERTICAL SPREAD	:	2.709	1.459	1.459
EXTREME SPREAD	:	2.721	1.760	1.600
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		9	

15 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8523535

CENTERFIRE PATTERNS

3



OF SHOTS- 10

IN CIR

1in = 4

2in = 7

3in = 9

HS= 2.884

VS= 1.018

GS= 2.899

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.456	1.384	1.225
MINIMUM X	-1.428	-1.266	-.752
MAXIMUM Y	.550	.596	.617
MINIMUM Y	-.468	-.422	-.401
CENTROID X	-.293	-.455	-.296
CENTROID Y	.117	.071	.050
POA TO CENTROID in.	.315	.460	.300
MIN RADIUS	.314	.190	.334
MEAN RADIUS	.808	.711	.635
MAX RADIUS	1.514	1.432	1.274
HORIZONTAL SPREAD	2.884	2.650	1.977
VERTICAL SPREAD	1.018	1.018	1.018
EXTREME SPREAD	2.899	2.704	2.119
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

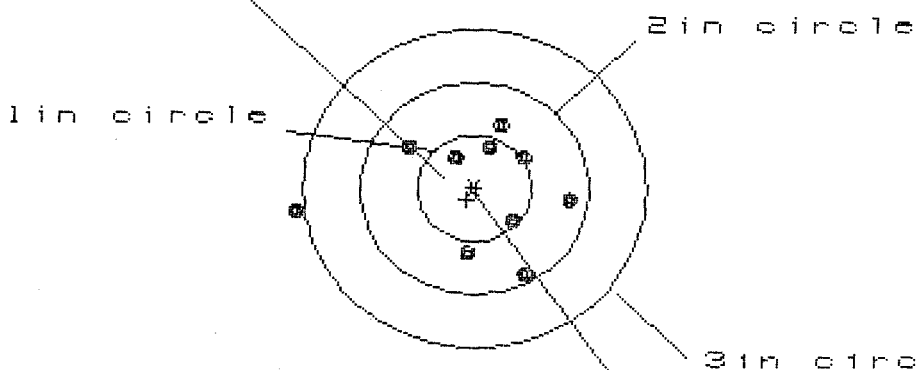
15 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523535

CENTERFIRE PATTERNS

4

POA



OF SHOTS- 10

IN CIR

1in = 4

2in = 9

3in = 9

HS= 2.396

VS= 1.472

GS= 2.401

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.876	.707	.736
MINIMUM X	:	-1.520	-.732	-.703
MAXIMUM Y	:	.632	.605	.496
MINIMUM Y	:	-.840	-.867	-.706
CENTROID X	:	.067	.236	.206
CENTROID Y	:	.105	.132	.241
POA TO CENTROID in.	:	.125	.271	.317
MIN RADIUS	:	.356	.321	.286
MEAN RADIUS	:	.703	.584	.526
MAX RADIUS	:	1.540	.899	.770
HORIZONTAL SPREAD	:	2.396	1.439	1.439
VERTICAL SPREAD	:	1.472	1.472	1.202
EXTREME SPREAD	:	2.401	1.608	1.533
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		9	

15 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523535

CENTERFIRE PATTERNS

5

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS- 10

IN CIR

1in = 0

2in = 4

3in = 9

HS= 2.512

VS= 2.558

GS= 2.898

PATTERN #

5

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.530

.922

.901

MINIMUM X

-.982

-.812

-.833

MAXIMUM Y

1.428

1.340

1.262

MINIMUM Y

-1.130

-1.218

-1.051

CENTROID X

.052

-.118

-.097

CENTROID Y

-.019

.069

-.098

POA TO CENTROID in.

.055

.137

.138

MIN RADIUS

.686

.804

.662

MEAN RADIUS

1.129

1.057

1.005

MAX RADIUS

1.723

1.349

1.268

HORIZONTAL SPREAD

2.512

1.734

1.734

VERTICAL SPREAD

2.558

2.558

2.313

EXTREME SPREAD

2.898

2.566

2.368

NUMBER IN ONE INCH CIRCLE =

0

NUMBER IN TWO INCH CIRCLE =

4

NUMBER IN THREE INCH CIRCLE =

9

RECEIVING AND ESTIMATING REPORT

R 94-18331

INITIAL FDC	CUSTOMER ORDER NO. DAAA09-92-C-0834	W/10X SCOPE, M-24 SNIPER, W/DEPLOYMENT KIT ATTN: FRED MARTIN			
DATE RECEIVED 06/11/94	DATE OPENED 06/11/94	DATE CODE	SERIAL NUMBER C6523535	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 CJD.DL

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA FRT
GUN CONDITION					REPAIR CHARGE
☐ NEW					EXCISE
☐ LIGHTLY WORN					TAX
☐ WORN					INSURANCE
☐ VERY WORN					UPS
☐ UNREPAIRABLE					PARCEL POST
☐ MARRED					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	\$643.42				
✓ Stock	471.11				
Trigger Assy	173.31				
Firing pin Assy	9.96				
CTI	50.00				
	\$1347.80				
REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
			WB	WB	
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
			1/23/95	1/23/95	

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

M2400029893

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C6523535

DATE 11-7-98

TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.61	2.60	2.68	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.60	2.71	2.74	
PULL #3	2.55	2.71	2.71	
PULL #4	2.60	2.50	2.68	
PULL #5	2.58	2.63	2.67	
TOTAL	12.94	13.15	13.48	
AVG.	2.58	2.63	2.69	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.05	3.04	
PULL #2	3.02	3.12	
PULL #3	3.00	3.04	
PULL #4	3.01	3.03	
PULL #5	3.02	3.09	
TOTAL	15.20	15.32	
AVG.	3.02	3.06	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.06	4.15		4.00
PULL #2	4.07	4.10		4.05
PULL #3	4.06	4.13		4.02
PULL #4	4.10	4.10		4.00
PULL #5	4.13	4.12		4.00
TOTAL	20.42	20.60		20.07
AVG.	4.08	4.12		4.01

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6523535

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 1/2	6	6 1/4			1/24/96	WB
	G) Safety Off Force	3	3	3			1/24/96	WB
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.0205	.023	.022			1/24/96	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						1/24/96	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	2.75	2.68	2.70	2.68	2.69	1/24/96	WB
	C) Function							
660	Pack							

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523535
1 Jan 1980

CENTROIDAL DISTANCES

0 TO	1	1.99013
1 TO	2	.428861
1 TO	3	.975515
1 TO	4	.450001
1 TO	5	.240187

2
1
2
2

+ <----POA

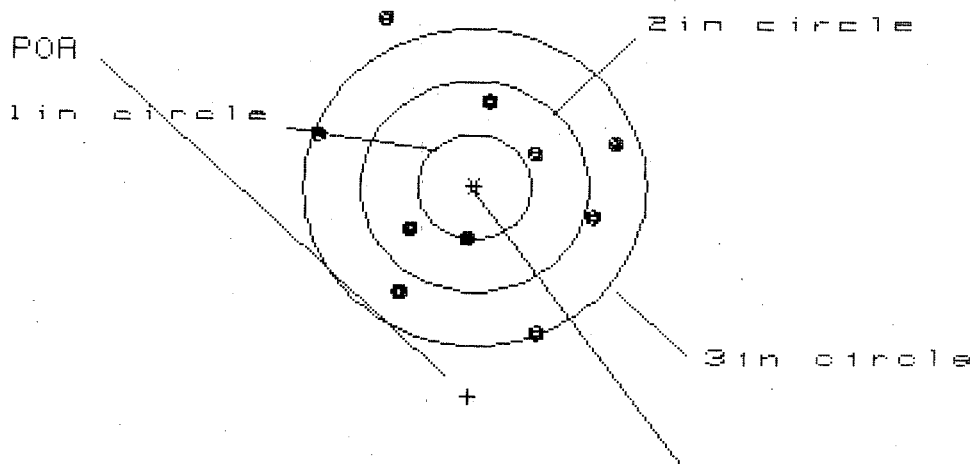
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0192
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: 1.7388
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 1.73891

THE AMR FOR THIS RIFLE IS: 1.166

1 Jan 1900

FILE:/PATTERNING/CENTERFIRE_PATT/C6523535

CENTERFIRE PATTERNS # 1



CENTROID *

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 8

HS= 2.587

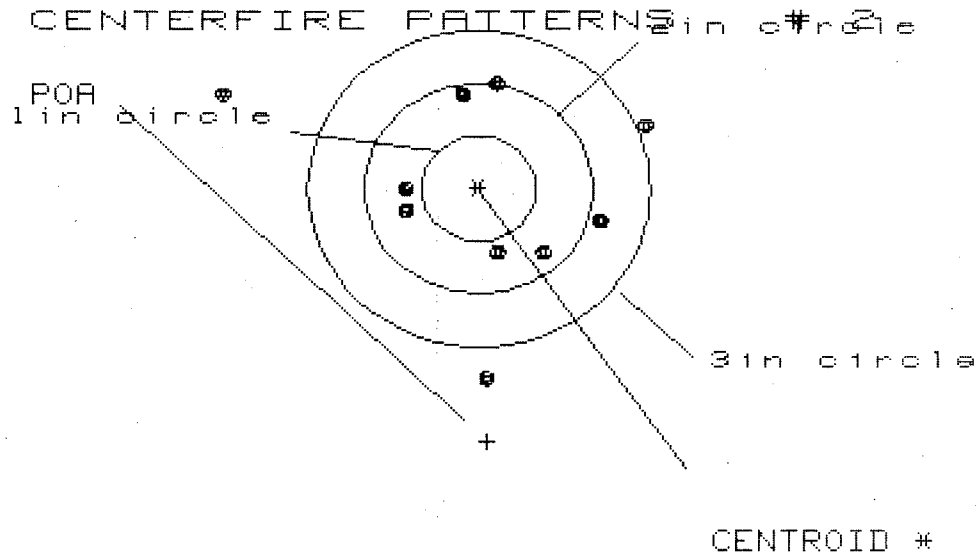
VS= 3.056

GS= 3.295

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.192	1.109	1.160
MINIMUM X	:	-1.395	-1.478	-1.427
MAXIMUM Y	:	1.617	.962	.805
MINIMUM Y	:	-1.439	-1.260	-.963
CENTROID X	:	.067	.150	.099
CENTROID Y	:	1.989	1.810	1.967
POA TO CENTROID in.	:	1.990	1.816	1.970
MIN RADIUS	:	.488	.353	.475
MEAN RADIUS	:	1.089	.989	.946
MAX RADIUS	:	1.779	1.616	1.511
HORIZONTAL SPREAD	:	2.587	2.587	2.587
VERTICAL SPREAD	:	3.056	2.222	1.768
EXTREME SPREAD	:	3.295	2.685	2.587
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	8		

1 Jan 1900

FILE:/PATTERNING/CENTERFIRE_PATT/06523535



OF SHOTS- 10

IN CIR

1 in - 0

2 in - 5

3 in - 7

HS- 3.712

VS- 2.800

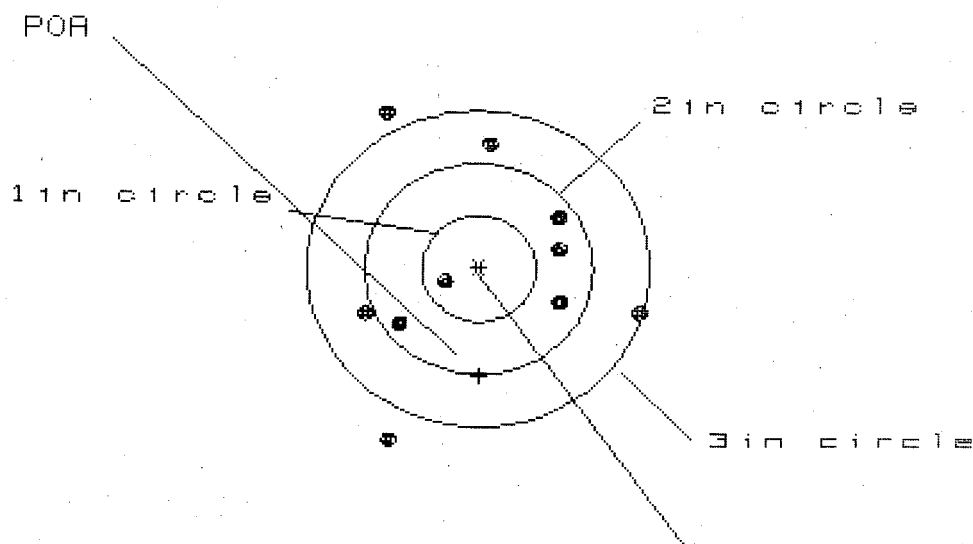
GS- 3.720

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.506	1.261	1.235
MINIMUM X	:	-2.206	-0.887	-0.913
MAXIMUM Y	:	.989	1.085	.871
MINIMUM Y	:	-1.811	-1.715	-0.717
CENTROID X	:	-0.062	.183	.209
CENTROID Y	:	2.398	2.302	2.516
POA TO CENTROID in.	:	2.399	2.309	2.525
MIN RADIUS	:	.614	.515	.730
MEAN RADIUS	:	1.161	1.010	.920
MAX RADIUS	:	2.371	1.727	1.335
HORIZONTAL SPREAD	:	3.712	2.148	2.148
VERTICAL SPREAD	:	2.800	2.800	1.588
EXTREME SPREAD	:	3.720	2.846	2.286
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	7		

1 Jan 1900

FILE:/PATTERNING/CENTERFIRE_PATT/C6523535

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 2.338

VS= 3.060

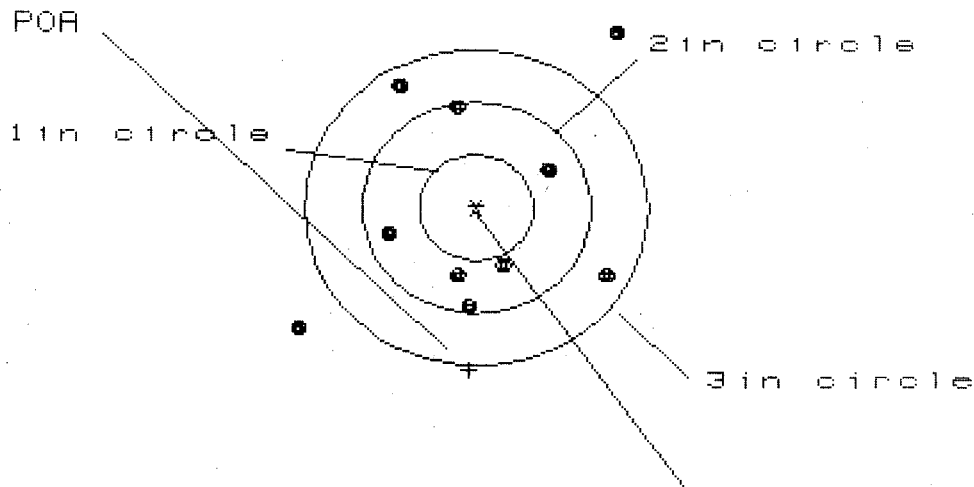
GS= 3.060

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.356	1.264	1.148
MINIMUM X	-0.982	-1.074	-1.190
MAXIMUM Y	1.483	1.308	1.148
MINIMUM Y	-1.577	-0.693	-0.530
CENTROID X	-0.003	0.089	0.205
CENTROID Y	1.016	1.191	1.028
POA TO CENTROID in.	1.016	1.194	1.048
MIN RADIUS	0.360	0.531	0.532
MEAN RADIUS	1.079	0.993	0.890
MAX RADIUS	1.780	1.605	1.259
HORIZONTAL SPREAD	2.338	2.338	2.338
VERTICAL SPREAD	3.060	2.001	1.678
EXTREME SPREAD	3.060	2.884	2.338
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

1 Jan 1900

FILE:/PATTERNING/CENTERFIRE_PATT/C6523535

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 0

2in = 6

3in = 8

HS= 2.868

VS= 2.818

GS= 4.021

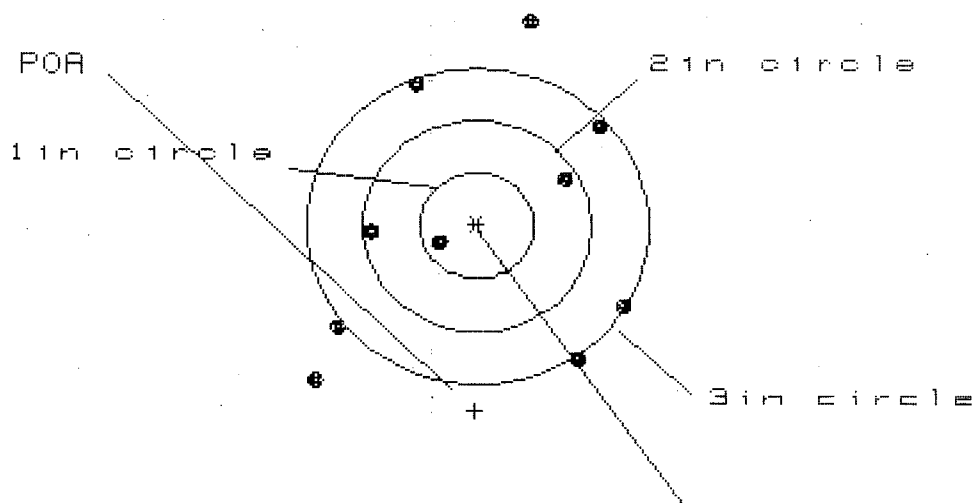
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.274	1.269	1.088
MINIMUM X	:	-1.594	-1.453	-.820
MAXIMUM Y	:	1.636	1.377	1.252
MINIMUM Y	:	-1.182	-1.000	-.877
CENTROID X	:	.066	-.075	.106
CENTROID Y	:	1.539	1.357	1.482
POA TO CENTROID in.	:	1.541	1.359	1.486
MIN RADIUS	:	.570	.429	.501
MEAN RADIUS	:	1.144	1.009	.913
MAX RADIUS	:	2.073	1.764	1.418
HORIZONTAL SPREAD	:	2.868	2.722	1.908
VERTICAL SPREAD	:	2.818	2.377	2.129
EXTREME SPREAD	:	4.021	2.770	2.559
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in - 1

2in - 3

3in = 6

HS= 2.684

VS= 3.350

GS= 3.841

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.246	1.086	1.121
MINIMUM X	:	-1.438	-1.419	-1.384
MAXIMUM Y	:	1.900	1.738	1.370
MINIMUM Y	:	-1.450	-1.404	-1.186
CENTROID X	:	.028	.188	.153
CENTROID Y	:	1.752	1.914	1.696
POA TO CENTROID in.	:	1.753	1.923	1.703
MIN RADIUS	:	.377	.599	.473
MEAN RADIUS	:	1.357	1.273	1.198
MAX RADIUS	:	2.042	1.785	1.632
HORIZONTAL SPREAD	:	2.684	2.505	2.505
VERTICAL SPREAD	:	3.350	3.142	2.556
EXTREME SPREAD	:	3.841	3.294	2.992
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		6	