

C6225185

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Smead®

Remington®

MODEL 700™ H24

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

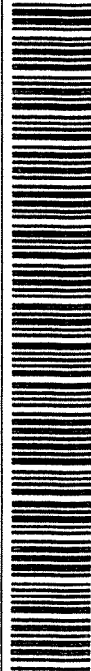
DUPONT
REG. U.S. PAT. & TM. OFF.

SERIAL NO.
C6225185

ORDER NO.
5716

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

Ø1



5716 C6225185

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225185

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	4 4	89	RW
600	Proof	4 4	89	RW
607	Check Headspace	4 4	89	RW
610	Dis-assemble Gun	4 4	89	RW
612	Magnaflux Barrel Action	4-6	89	KCL
	Magnaflux Bolt	4-7	89	KCL
615	Rollmark Caliber	4-7	89	G.S.
617	Drill and Tap Sight Holes	4 7	89	FB
618	Polish Barrel	4 7	89	BT
620	Apply Coatings (Barrel Action)		4/19/89	AS
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		4/24/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/24/89	RW
	C) Inspect Ejector Hole for Chamfer		4/24/89	RW
	D) Oil Firing Pin Ass'y		4/24/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4/28/89	WB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6.5	6.75			4/28/89	WLB
	G) Safety Off Force	3.75	3.75	3.0			4/28/89	WLB
	H) Trigger Pull Test & Retainability						4/27/89	Y.S.
	I) Firing Pin Indent	0.075	.070	.08025			4/28/89	WLB
	J) Assemble Stock						4/28/89	RW
	K) Assemble Swivel Studs						16 May 89	QJ8
	L) Attach Front and Rear Sight Assemblies						4/28/89	RW
	M) Iron Sight Alignment						4/28/89	RW
	N) Detach Front & Rear Sights & place in numbered container						4/28/89	RW
	O) Attach Scope to Rifle						4/28/89	WLB
	P) Detach & Attach Scope 20 Times						4/28/89	WLB
640	Gallery Target & Test	74 R	85 L				5/1/89	DH
	A) Time						5/1/89	DH
	B) Malfunctions						5/1/89	DH
	C) Pierced Primers						5/1/89	DH
	D) Optical Clarity of Scope						5/1/89	DH
645	Inspect for Live Ammo						5/1/89	DH
655	Final Inspection							
	A) Headspace						16 May 89	QJ8
	B) Trigger Pull	2.74	2.67	2.62	2.77	2.80	16 May 89	QJ8
	C) Function						16 May 89	QJ8
660	Pack						26 June 89	QJ8

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6225185

DATE 3-28-90

TESTER JLL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.59	2.30	2.34	MIN. SETTING,
PULL #2	2.40	2.30	2.39	NO AVG. OF 5
PULL #3	2.40	2.33	2.26	READINGS ACCEPT-
PULL #4	2.39	2.30	2.38	ABLE LESS THAN 2#
PULL #5	2.37	2.31	2.37	
TOTAL	12.15	11.54	11.74	
AVG.	2.43	2.308	2.348	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.16	3.36	
PULL #2	3.42	3.38	
PULL #3	3.38	3.40	
PULL #4	3.37	3.41	
PULL #5	3.38	3.42	
TOTAL	16.71	16.97	
AVG.	3.342	3.394	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.29	4.41		
PULL #2	4.19	4.39		
PULL #3	4.40	4.40		
PULL #4	4.37	4.30		
PULL #5	4.33	4.39		
TOTAL	21.58	21.89		
AVG.	4.316	4.378		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225185
1 May 1989

CENTROIDAL DISTANCES

0	TO	1	1.02993
1	TO	2	.234776
1	TO	3	1.10344
1	TO	4	.987843
1	TO	5	.641355

$\bar{x}_5$ <----POA
 $\bar{y}_5$

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .236
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.4534
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .511143
 THE AMR FOR THIS RIFLE IS: 1.033

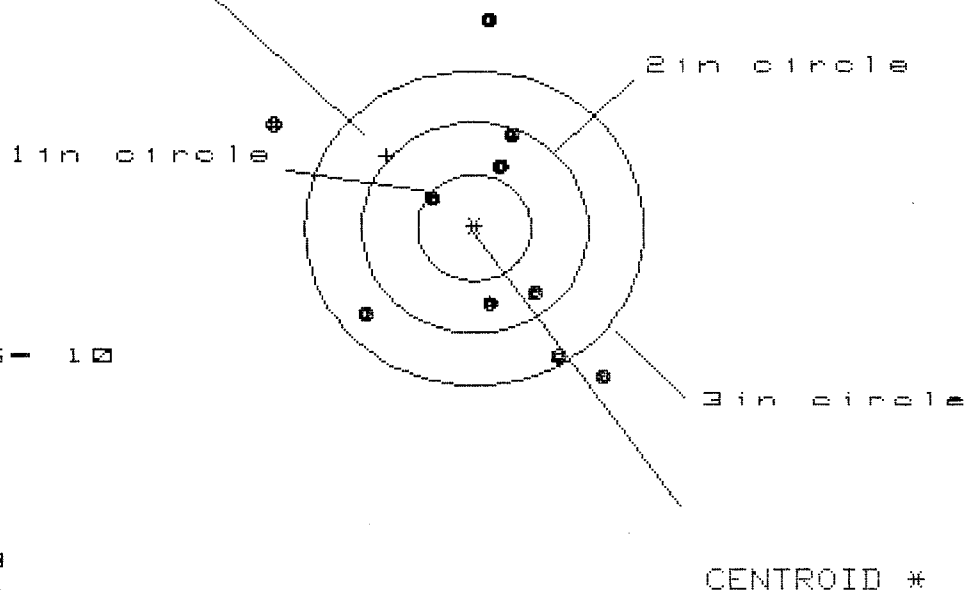
1 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225185

CENTERFIRE PATTERNS

1

POA



OF SHOTS - 10

IN CIR

1in = 1

2in = 4

3in = 7

HS = 2.933

VS = 3.428

GS = 3.809

CENTROID *

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.121	.920	.913
MINIMUM X	:	-1.812	-1.217	-1.224
MAXIMUM Y	:	1.987	2.097	1.300
MINIMUM Y	:	-1.441	-1.331	-1.069
CENTROID X	:	.770	.971	.978
CENTROID Y	:	-.684	-.794	-1.056
POA TO CENTROID in.	:	1.030	1.255	1.439
MIN RADIUS	:	.472	.606	.364
MEAN RADIUS	:	1.220	1.110	.948
MAX RADIUS	:	2.065	2.098	1.406
HORIZONTAL SPREAD	:	2.933	2.137	2.137
VERTICAL SPREAD	:	3.428	3.428	2.369
EXTREME SPREAD	:	3.809	3.563	2.484
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	7		

1 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225185

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS - 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS = 2.125

VS = 2.624

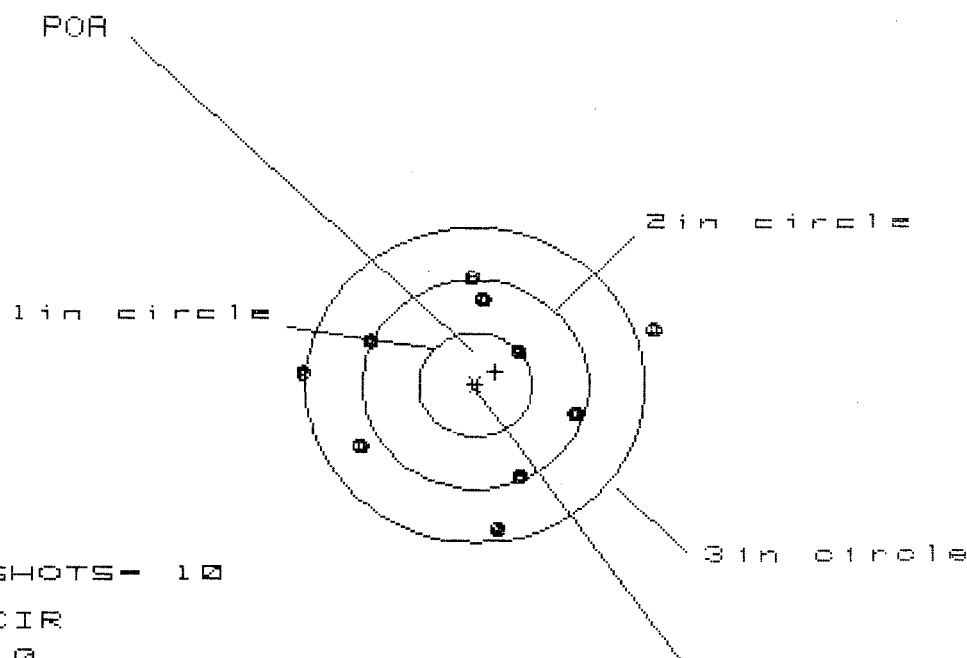
GS = 2.936

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.911	.776	.824
MINIMUM X	:	-1.214	-.626	-.578
MAXIMUM Y	:	1.220	1.336	1.185
MINIMUM Y	:	-1.404	-1.288	-1.439
CENTROID X	:	.542	.677	.629
CENTROID Y	:	-.740	-.856	-.705
POA TO CENTROID in.	:	.917	1.091	.945
MIN RADIUS	:	.377	.435	.429
MEAN RADIUS	:	.986	.916	.849
MAX RADIUS	:	1.602	1.441	1.445
HORIZONTAL SPREAD	:	2.125	1.402	1.402
VERTICAL SPREAD	:	2.624	2.624	2.624
EXTREME SPREAD	:	2.936	2.708	2.696
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

1 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225185

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in = 0

2 in = 4

3 in = 9

HS = 3.058

VS = 2.396

GS = 3.089

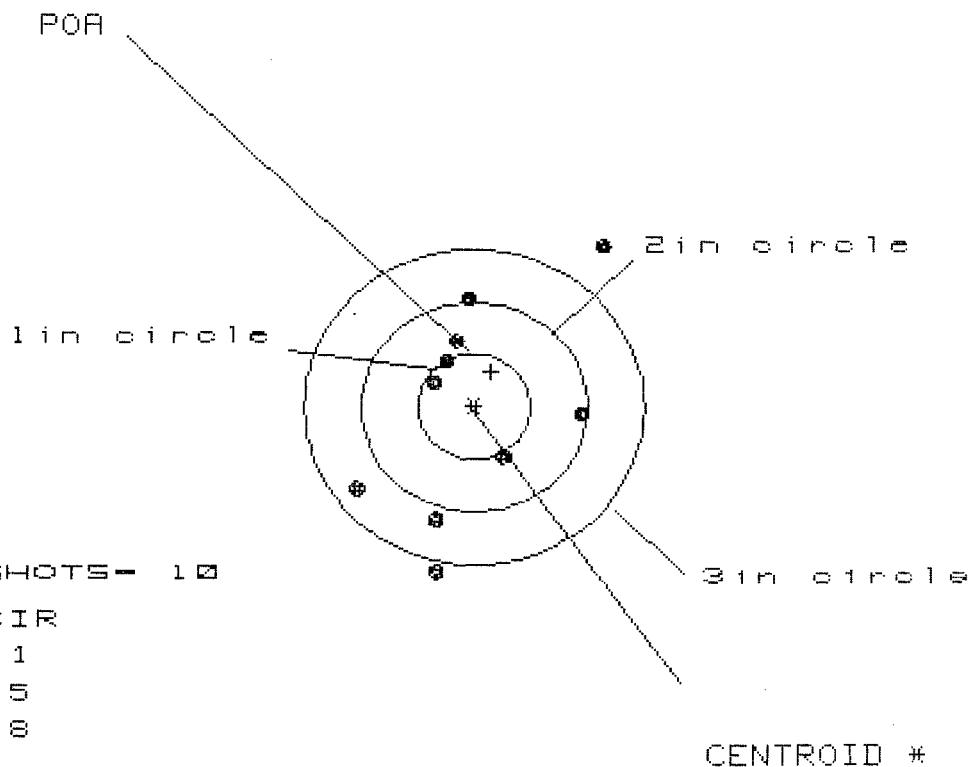
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.581	1.040	.876
MINIMUM X	:	-1.487	-1.312	-1.038
MAXIMUM Y	:	1.014	1.067	1.087
MINIMUM Y	:	-1.382	-1.329	-1.309
CENTROID X	:	-.179	-.354	-.190
CENTROID Y	:	-.121	-.174	-.194
POA TO CENTROID in.	:	.216	.395	.272
MIN RADIUS	:	.506	.679	.563
MEAN RADIUS	:	1.094	1.035	.980
MAX RADIUS	:	1.650	1.380	1.325
HORIZONTAL SPREAD	:	3.068	2.352	1.914
VERTICAL SPREAD	:	2.396	2.396	2.396
EXTREME SPREAD	:	3.089	2.402	2.402
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

1 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225185

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS= 2.170

VS= 3.033

GS= 3.374

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.160	1.084	1.061
MINIMUM X	:	-1.010	-.881	-.904
MAXIMUM Y	:	1.494	1.182	1.010
MINIMUM Y	:	-1.538	-1.372	-1.067
CENTROID X	:	-.153	-.282	-.259
CENTROID Y	:	-.332	-.498	-.326
POA TO CENTROID in.	:	.365	.572	.416
MIN RADIUS	:	.455	.484	.372
MEAN RADIUS	:	1.001	.901	.809
MAX RADIUS	:	1.892	1.385	1.194
HORIZONTAL SPREAD	:	2.170	1.965	1.965
VERTICAL SPREAD	:	3.033	2.554	2.077
EXTREME SPREAD	:	3.374	2.574	2.099
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

1 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225185

CENTERFIRE PATTERNS

5

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 9

HS= 2.885

VS= 1.744

GS= 2.897

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.325	1.152	.865
MINIMUM X	:	-1.560	-.949	-.805
MAXIMUM Y	:	.828	.914	.989
MINIMUM Y	:	-.916	-.830	-.755
CENTROID X	:	.200	.373	.229
CENTROID Y	:	-.390	-.476	-.551
POA TO CENTROID in.	:	.438	.605	.597
MIN RADIUS	:	.243	.204	.105
MEAN RADIUS	:	.866	.740	.670
MAX RADIUS	:	1.741	1.299	1.103
HORIZONTAL SPREAD	:	2.885	2.101	1.670
VERTICAL SPREAD	:	1.744	1.744	1.744
EXTREME SPREAD	:	2.897	2.541	1.909
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

BARBER M24 0010158NG REPORT

COMMENTS

ORDER
R 94-18194

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

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

SCOPE 90 0510

DATE RECEIVED 06/10/94 DATE OPENED 06/10/94 DATE CODE

SERIAL NUMBER C6225185

NEW SERIAL NUMBER

MODEL AND GRADE

700 7-62

NATO

ACCESSORIES

SLING STRAP

HARD CASE

SCOPE MNTS

SCOPE BASE

L/SIGHTS

5. pod

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

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
Stock

\$643.42

491.11

Firing pin Assy
Trigger Assy

9.96

173.31

CTI

50.06

\$1347.80

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

4/28/96

2/29/96

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0010158NG 10197

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

SERIAL NO. C6225185DATE 11-15-95TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.61	2.71	2.44		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.79	2.69	2.44		
PULL #3	2.78	2.68	2.48		
PULL #4	2.69	2.66	2.43		
PULL #5	2.75	2.70	2.41		
TOTAL	13.62	13.44	12.20		
AVG.	2.72	2.68	2.44		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.04	3.16		
PULL #2	3.18	3.17		
PULL #3	3.20	3.28		
PULL #4	3.11	3.14		
PULL #5	3.12	3.24		
TOTAL	15.65	15.99		
AVG.	3.13	3.19		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.05	4.00		4.19
PULL #2	4.02	3.92		4.17
PULL #3	4.05	4.03		4.12
PULL #4	4.00	3.92		4.11
PULL #5	4.07	3.90		4.25
TOTAL	20.19	19.77		20.84
AVG.	4.03	3.95		4.16

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C622 5185

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	4	4	4			3/7	AC
	G) Safety Off Force	5	5	5			3/7	AC
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.0225	.023	.023			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	231	222	228	224	227	3/1/96	WB
	C) Function							
660	Pack							

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225185
2 Jan 1900

CENTROIDAL DISTANCES

0 TO	1	1.02197
1 TO	2	.324261
1 TO	3	.0912853
1 TO	4	.0751665
1 TO	5	.336292

52²

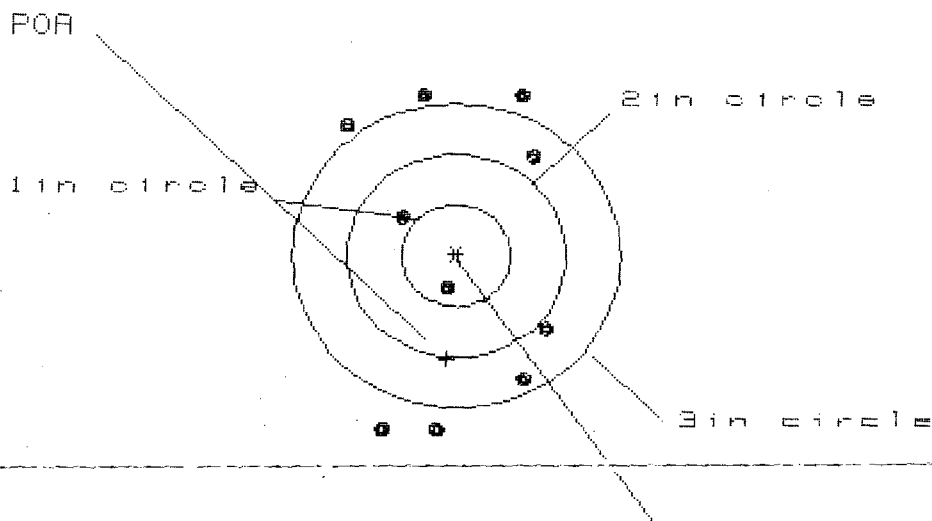
+ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .051
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: 1.0794
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 1.0806
THE AMR FOR THIS RIFLE IS: 1.07

2 Jan 1968

FILE: \PATTERNING\CENTERFIRE_PATT\06225165

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 2

3 in = 5

HS= 1.724

VS= 3.280

GS= 3.521

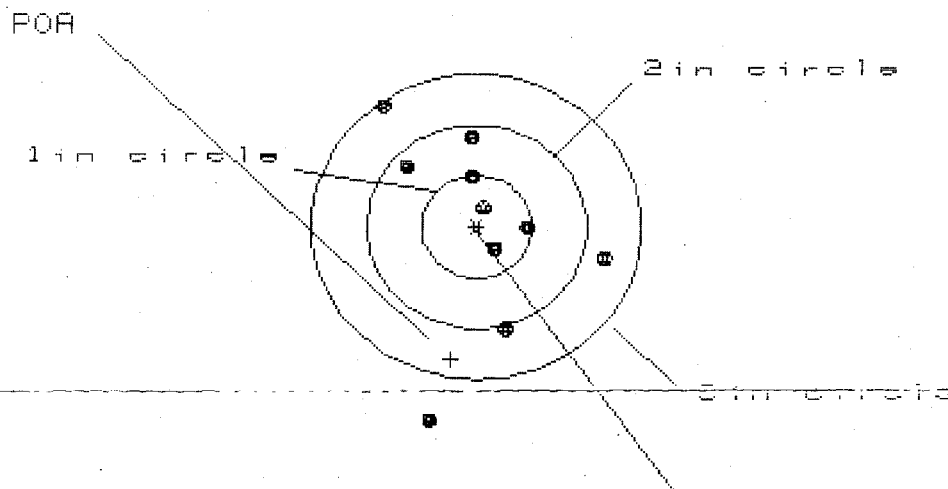
CENTROID *

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.782	.706	.670
MINIMUM X	-.942	-1.018	-1.054
MAXIMUM Y	1.554	1.362	1.126
MINIMUM Y	-1.726	-1.890	-1.644
CENTROID X	.090	.166	.202
CENTROID Y	1.018	1.210	1.446
POA TO CENTROID in.	1.022	1.221	1.460
MIN RADIUS	.372	.569	.569
MEAN RADIUS	1.300	1.231	1.126
MAX RADIUS	1.857	1.911	1.717
HORIZONTAL SPREAD	1.724	1.724	1.724
VERTICAL SPREAD	3.280	3.252	2.770
EXTREME SPREAD	3.521	3.349	2.955
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	2		
NUMBER IN THREE INCH CIRCLE =	5		

2 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C62251B5

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 4

2in = 6

3in = 9

HS= 2.056

VS= 3.101

GS= 3.130

CENTROID *

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.174	1.123	1.006
MINIMUM X	-.882	-.933	-.805
MAXIMUM Y	1.196	.984	.801
MINIMUM Y	-1.905	-1.213	-1.090
CENTROID X	.239	.290	.407
CENTROID Y	1.306	1.518	1.395
POA TO CENTROID in.	1.328	1.545	1.453
MIN RADIUS	.219	.010	.178
MEAN RADIUS	.885	.716	.644
MAX RADIUS	1.959	1.356	1.097
HORIZONTAL SPREAD	2.056	2.056	1.811
VERTICAL SPREAD	3.101	2.197	1.891
EXTREME SPREAD	3.130	2.518	1.997
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

2 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225185

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 0

2in = 5

3in = 8

HS= 3.385

VS= 2.172

GS= 3.662

CENTROID #

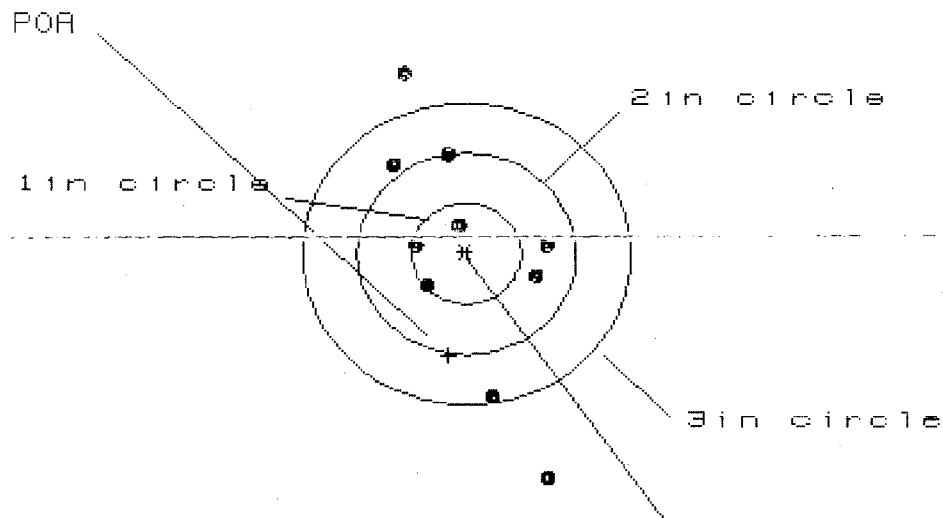
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.974	1.261	1.112
MINIMUM X	:	-1.411	-1.192	-.855
MAXIMUM Y	:	1.222	1.292	1.205
MINIMUM Y	:	-.950	-.880	-.967
CENTROID X	:	.007	-.212	-.063
CENTROID Y	:	1.056	.986	1.073
POA TO CENTROID in.	:	1.056	1.009	1.075
MIN RADIUS	:	.724	.632	.727
MEAN RADIUS	:	1.171	1.030	.996
MAX RADIUS	:	2.072	1.642	1.483
HORIZONTAL SPREAD	:	3.385	2.453	1.967
VERTICAL SPREAD	:	2.172	2.172	2.172
EXTREME SPREAD	:	3.662	2.970	2.368
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

2 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C82251B5

CENTERFIRE PATTERNS

4



OF SHOTS= 10

IN CIR

1in = 3

2in = 5

3in = 8

HS= 1.459

VS= 4.006

GS= 4.219

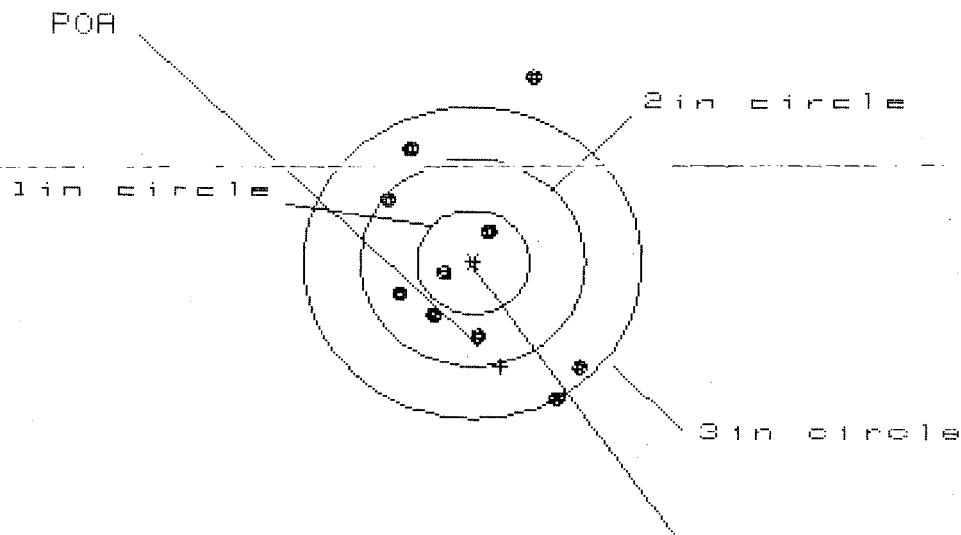
CENTROID #

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.783	.817	.760
MINIMUM X	-.676	-.589	-.646
MAXIMUM Y	1.751	1.501	.925
MINIMUM Y	-2.255	-1.633	-1.446
CENTROID X	.165	.078	.135
CENTROID Y	1.013	1.263	1.075
POA TO CENTROID in.	1.026	1.266	1.084
MIN RADIUS	.272	.016	.203
MEAN RADIUS	1.041	.842	.762
MAX RADIUS	2.387	1.657	1.462
HORIZONTAL SPREAD	1.459	1.406	1.406
VERTICAL SPREAD	4.006	3.134	2.370
EXTREME SPREAD	4.219	3.219	2.447
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

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CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 1.795

VS= 3.096

GS= 3.099

CENTROID #

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	.994
MINIMUM X	-.802
MAXIMUM Y	1.814
MINIMUM Y	-1.282
CENTROID X	-.246
CENTROID Y	1.004
POA TO CENTROID in.	1.034
MIN RADIUS	.267
MEAN RADIUS	.952
MAX RADIUS	1.902
HORIZONTAL SPREAD	1.795
VERTICAL SPREAD	3.096
EXTREME SPREAD	3.099
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	6
NUMBER IN THREE INCH CIRCLE =	9