

C6522168

MODEL 760TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

BARBER M24 9994049 RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R 94-18800

INITIAL CUSTOMER ORDER NO.

JJM DAAA09-72-C-0834

W/10X SCOPE M-24 SNIPER W/DEPLOYMENT KIT

ATTN FRED MARTIN

Scope S/N 90 0637

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

06/14/94

06/15/94

C6522168

700 7.62

NATO

ACCESSORIES

HARD CASE

SCOPE MNTS

SCOPE BASE

SLING STRAP

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.

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE

PROM. DATE

ESTIMATED

VIA

UPS

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
Trigger Assy
Firing Pin Assy
Mag Spring
Mag Follower

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

6/12/96

6/12/96

OFFICE COPY

RD8925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 999404904088

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 16522168

DATE 6-11-96

TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.52	2.45	2.54	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.48	2.65	2.47	
PULL #3	2.51	2.47	2.60	
PULL #4	2.51	2.71	2.53	
PULL #5	2.51	2.56	2.55	
TOTAL	12.53	12.84	12.69	
AVG.	2.50	2.56	2.53	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.27	3.14	
PULL #2	3.25	3.22	
PULL #3	3.29	3.23	
PULL #4	3.15	3.20	
PULL #5	3.21	3.11	
TOTAL	16.17	15.90	
AVG.	3.23	3.18	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.04	4.13		4.10
PULL #2	4.12	4.00		4.28
PULL #3	4.02	4.01		4.36
PULL #4	4.05	4.19		4.38
PULL #5	4.06	4.14		4.38
TOTAL	20.29	20.47		21.50
AVG.	4.05	4.09		4.30

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06522168
17 Apr 1900

CENTROIDAL DISTANCES

0 TO	1	.281768
1 TO	2	.540829
1 TO	3	.608254
1 TO	4	.718549
1 TO	5	.551976

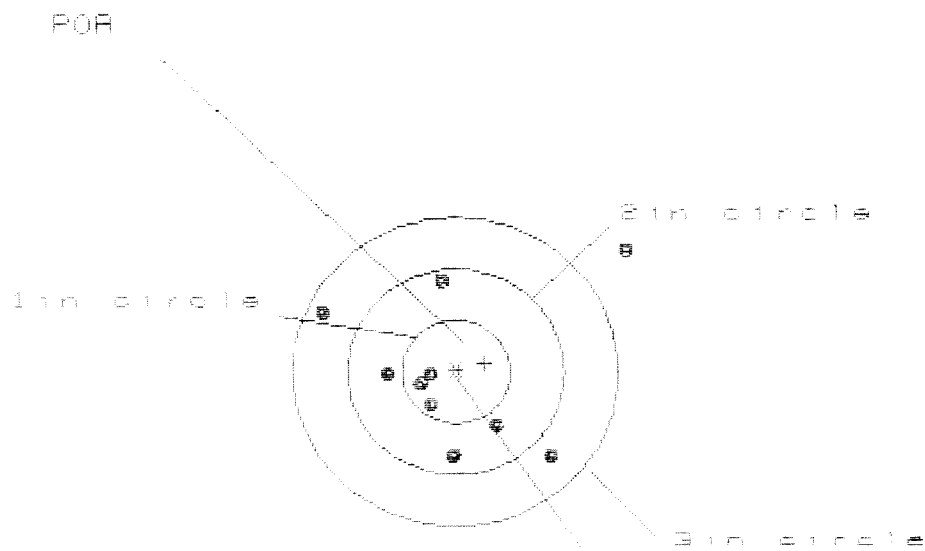
IT ----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0876
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2332
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .24911
THE AMR FOR THIS RIFLE IS: .9082

17 Apr 1968

FILE://PATTERNING/CENTERFIRE_PATT/08522168

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 3

2in = 7

3in = 9

HS= 2.851

VS= 2.856

GS= 2.913

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.598	1.397	1.862
MINIMUM X	-1.253	-1.075	-1.558
MAXIMUM Y	1.202	1.066	1.157
MINIMUM Y	-1.854	-1.720	-1.628
CENTROID X	-1.268	-1.446	-1.311
CENTROID Y	-1.087	-1.221	-1.313
POR TO CENTROID in.	.282	.497	.441
MIN RADIUS	.216	.094	.246
MEAN RADIUS	.861	.659	.593
MAX RADIUS	2.000	1.303	1.160
HORIZONTAL SPREAD	2.851	2.072	1.420
VERTICAL SPREAD	2.856	1.786	1.786
EXTREME SPREAD	2.913	2.532	2.019
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

17 Apr 1968

FILE: \PATTERNING\CENTERFIRE_PATT\06522168

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS - 10

IN CIR

1in = 2

2in = 6

3in = 9

HS = 2.714

VS = 2.317

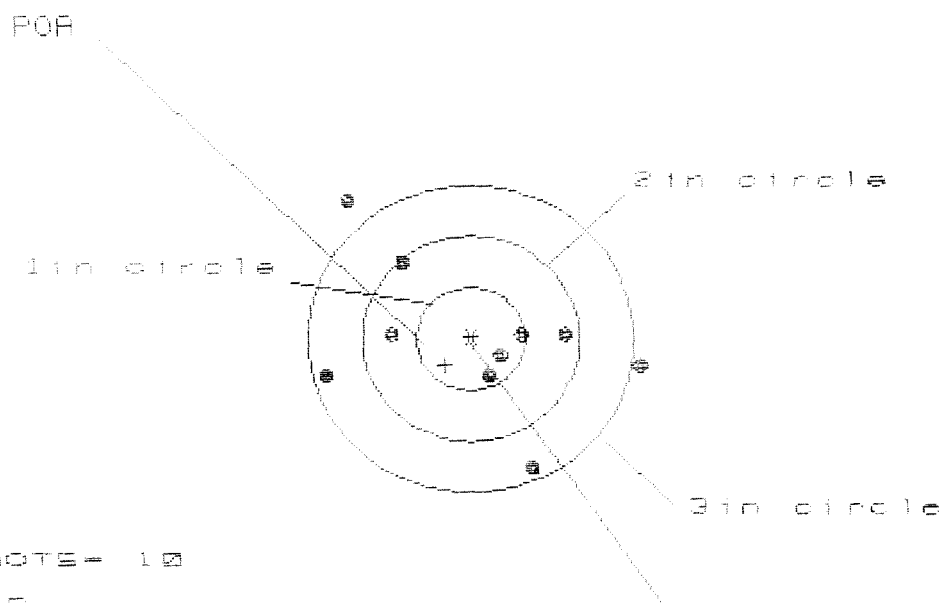
GS = 2.721

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.253	1.090	.584
MINIMUM X	-1.461	-.669	-.532
MAXIMUM Y	1.136	1.206	1.267
MINIMUM Y	-1.181	-1.111	-1.050
CENTROID X	.168	.331	.194
CENTROID Y	.233	.163	.102
POA TO CENTROID in.	.287	.369	.220
MIN RADIUS	.172	.294	.305
MEAN RADIUS	.876	.792	.733
MAX RADIUS	1.589	1.297	1.268
HORIZONTAL SPREAD	2.714	1.759	1.116
VERTICAL SPREAD	2.317	2.317	2.317
EXTREME SPREAD	2.721	2.381	2.372
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	6	
NUMBER IN THREE INCH CIRCLE	=	9	

17 Apr 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08522188

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 3

2in = 6

3in = 8

HS = 2.868

VS = 2.597

ES = 3.132

CENTROID +

PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.524	1.395	.944
MINIMUM X	-1.344	-1.473	-1.299
MAXIMUM Y	1.373	.917	.906
MINIMUM Y	-1.224	-1.071	-1.081
CENTROID X	.235	.364	.198
CENTROID Y	.255	.102	.112
POB TO CENTROID in.	.347	.378	.221
MIN RADIUS	.332	.156	.236
MEAN RADIUS	.982	.846	.802
MAX RADIUS	1.800	1.482	1.310
HORIZONTAL SPREAD	2.868	2.868	2.243
VERTICAL SPREAD	2.597	1.988	1.988
EXTREME SPREAD	3.132	2.869	2.321
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		8	

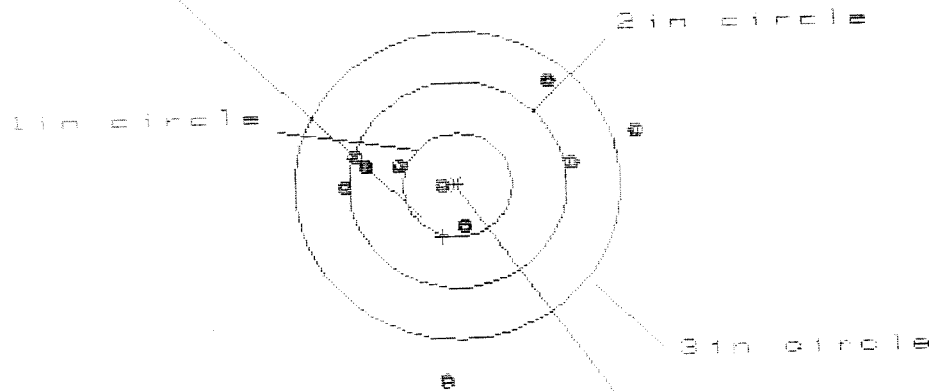
17 Apr 1968

FILE:/PATTERNING/CENTERFIRE_PATT/06522168

CENTERFIRE PATTERNS

4

POR



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS= 2.643

VS= 2.916

GS= 3.097

CENTROID #

PATTERN #

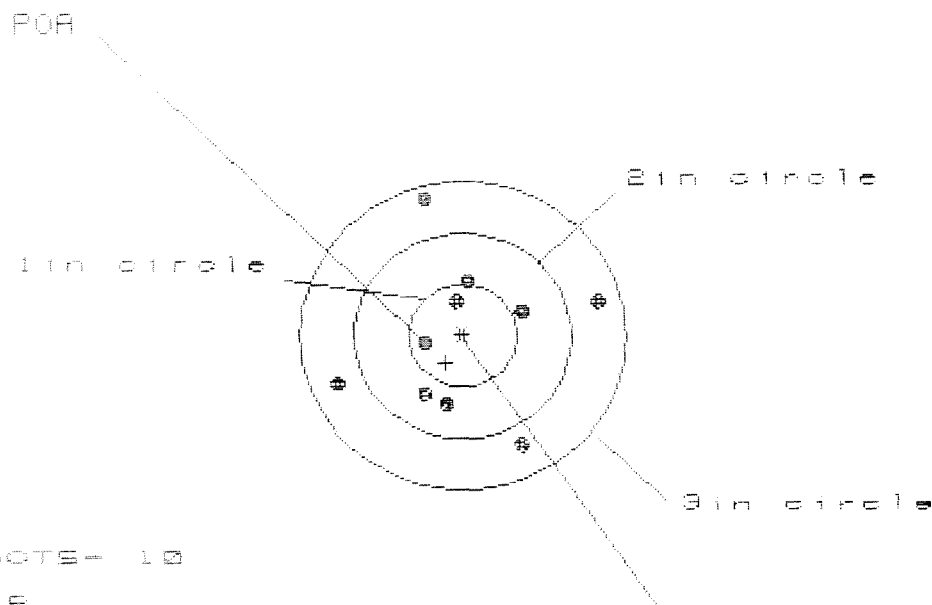
4

	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.626	1.609	1.231
MINIMUM X	-1.016	-1.034	-0.833
MAXIMUM Y	.987	.772	.808
MINIMUM Y	-1.929	-1.649	-1.613
CENTROID X	.145	.162	-0.039
CENTROID Y	.501	.716	.680
POR TO CENTROID in.	.522	.734	.681
MIN RADIUS	.161	.259	.156
MEAN RADIUS	1.006	.907	.753
MAX RADIUS	1.936	1.634	1.338
HORIZONTAL SPREAD	2.643	2.643	2.064
VERTICAL SPREAD	2.916	1.421	1.421
EXTREME SPREAD	3.097	2.695	2.153
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	4	
NUMBER IN THREE INCH CIRCLE	=	8	

17 Apr 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08522168

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 10

HS= 2.345

VS= 2.387

GS= 2.539

CENTROID #

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.232	1.193	.658
MINIMUM X	-1.113	-1.152	-1.002
MAXIMUM Y	1.287	.724	.787
MINIMUM Y	-1.099	-.956	-.893
CENTROID X	.158	.197	.048
CENTROID Y	.264	.120	.057
POA TO CENTROID in.	.307	.231	.074
MIN. RADIUS		.367	.263
MEAN RADIUS		.760	.669
MAX RADIUS	1.335	.298	1.089
HORIZONTAL SPREAD	2.345	1.345	1.661
VERTICAL SPREAD	2.387	1.680	1.680
EXTREME SPREAD	2.539	2.481	1.782
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6522168

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. #	BARBER - M24 0004058 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6 1/2	6 1/2	6 1/4			6/24/96	W.B.
	G) Safety Off Force	3	2 1/2	2 1/2			6/24/96	W.B.
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.024	.023	.023			6/24/96	W.B.
	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	2.54	2.57	2.51	2.54	2.50	6/20/96	W.B.
	C) Function							
660	Pack							

Remington®


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

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

MODEL 700™ M24

MADE IN ILLION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off. Marca Registrada Marque Deposee.	SERIAL NO.
	C6522168
Ø1	ORDER NO.
	5716


5716 C6522168

UPC


0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6522168

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10 3	90	RW
600	Proof	10 3	90	RW
607	Check Headspace	10 3	90	RW
610	Dis-assemble Gun	10 3	90	RW
612	Magnaflux Barrel Action		10/11/90	KR
	Magnaflux Bolt		10/11/90	KR
615	Rollmark Caliber		10/11/90	KR
617	Drill and Tap Sight Holes		10/11/90	KB
618	Polish Barrel <i>RUB</i>		10/12/90	WB
620	Apply Coatings (Barrel Action)		10-18-90	JS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/24/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/24/90	RW
	C) Inspect Ejector Hole for Chamfer		10/24/90	RW
	D) Oil Firing Pin Ass'y		10/24/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11/9/90	CS

op. #	OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	4 1/2	4 1/2	4 1/2	11/9/90	WB		
	G) Safety Off Force	2 1/4	2 1/4	2 1/4	11/9/90	WB		
	H) Trigger Pull Test & Retainability				11/9/90	GB		
	I) Firing Pin Indent	.0215	.022	.022	11/9/90	WB		
	J) Assemble Stock				11/27/90	RW		
	K) Assemble Swivel Studs				11/28/90	GB		
	L) Attach Front and Rear Sight Assemblies				11/27/90	RW		
	M) Iron Sight Alignment				11/27/90	RW		
	N) Detach Front & Rear Sights & place in numbered container				11/27/90	RW		
	O) Attach Scope to Rifle				11/27/90	RW		
	P) Detach & Attach Scope 20 Times				11/27/90	RW		
640	Gallery Target & Test				11/27/90	AF		
	A) Time				"	AF		
	B) Malfunctions				"	AF		
	C) Pierced Primers				"	AF		
	D) Optical Clarity of Scope				"	AF		
645	Inspect for Live Ammo				11/27/90	AF		
655	Final Inspection							
	A) Headspace				11/28/90	GB		
	B) Trigger Pull	288	278	266	274	272	11/28/90	GB
	C) Function						11/28/90	GB
660	Pack						12/18/90	DA

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

SERIAL NO. C6522/68
DATE 9/10/90
TESTER JS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	237	231	222	2.88	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	249	231	237	2.78	
PULL #3	246	227	226	2.66	
PULL #4	236	241	236	2.74	
PULL #5	230	236	229	2.72	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	348	343		
PULL #2	344	342		
PULL #3	337	337		
PULL #4	337	347		
PULL #5	341	339		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	429	418		4.17
PULL #2	424	433		4.10
PULL #3	429	426		4.10
PULL #4	427	434		4.07
PULL #5	432	431		4.16
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06522168
28 Nov 1990

CENTROIDAL DISTANCES

0 TO	1	.224415
1 TO	2	.268835
1 TO	3	.145582
1 TO	4	.128973
1 TO	5	.302909

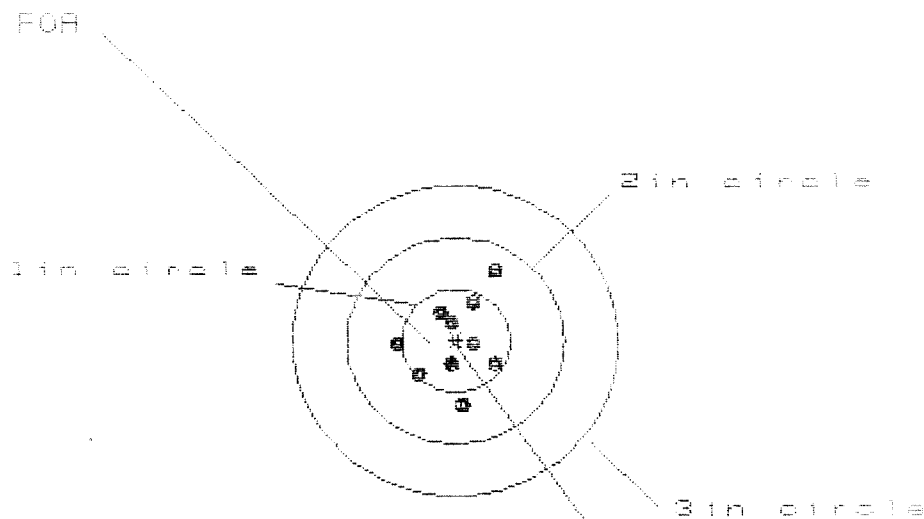
4 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1024
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0888
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .13554
THE AMR FOR THIS RIFLE IS: .6856

28 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08522168

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 7

2in = 10

3in = 10

HS= .0006

VS= 1.288

GS= 1.322

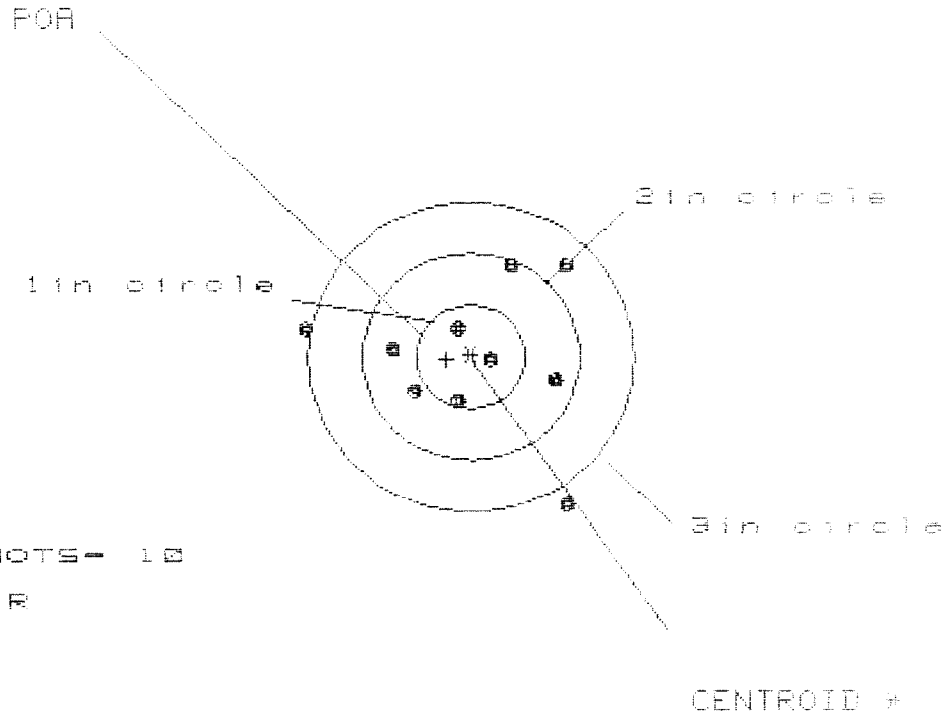
CENTROID #

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.374	.410	.418
MINIMUM X	:	-.512	-.476	-.468
MAXIMUM Y	:	.633	.433	.360
MINIMUM Y	:	-.655	-.585	-.348
CENTROID X	:	.039	.000	-.005
CENTROID Y	:	.221	.151	.224
FOR TO CENTROID in.	:	.224	.151	.224
MIN RADIUS	:	.145	.131	.175
MEAN RADIUS	:	.403	.369	.333
MAX RADIUS	:	.711	.588	.497
HORIZONTAL SPREAD	:	.886	.886	.886
VERTICAL SPREAD	:	1.288	1.018	.708
EXTREME SPREAD	:	1.322	1.028	.927
NUMBER IN ONE INCH CIRCLE	=	7		
NUMBER IN TWO INCH CIRCLE	=	10		
NUMBER IN THREE INCH CIRCLE	=	10		

26 Nov 1986

FILE:/PATTERNING/CENTERFIRE_PATT/055221B6

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 8

HS= 2.419

VS= 2.297

GS= 2.962

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.879	.925	.745
MINIMUM X	:	-1.540	-1.442	-.988
MAXIMUM Y	:	.888	.732	.750
MINIMUM Y	:	-1.409	-.589	-.571
CENTROID X	:	.223	.125	.305
CENTROID Y	:	.025	.181	.163
POA TO CENTROID in.	:	.224	.220	.346
MIN RADIUS	:	.168	.138	.167
MEAN RADIUS	:	.849	.753	.653
MAX RADIUS	:	1.661	1.449	1.057
HORIZONTAL SPREAD	:	2.419	2.367	1.553
VERTICAL SPREAD	:	2.297	1.321	1.321
EXTREME SPREAD	:	2.962	2.439	1.823
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

28 Nov 1958

FILE:/PATTERNING/CENTERFIRE_PATT/C6522108

CENTERFIRE PATTERNS # 3

FOR

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in = 3

2 in = 9

3 in = 10

HS = 1.530

VS = 1.476

GS = 1.729

CENTROID *

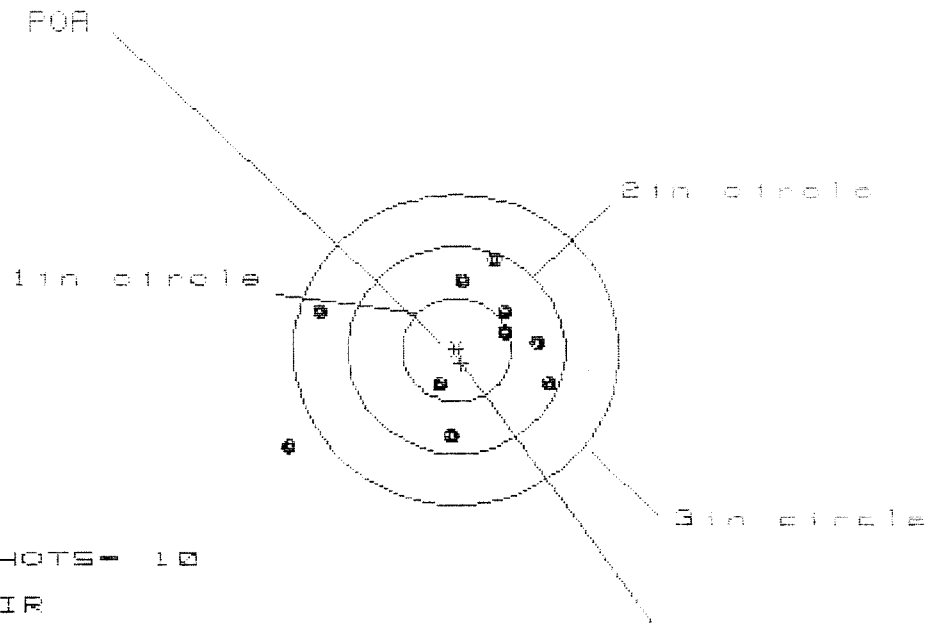
PATTERN #	:	3	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.542	.433	.399
MINIMUM X	:	-.988	-.663	-.697
MAXIMUM Y	:	.710	.775	.688
MINIMUM Y	:	-.766	-.701	-.542
CENTROID X	:	.052	.161	.195
CENTROID Y	:	.076	.011	.099
FOR TO CENTROID in.	:	.092	.162	.219
MIN RADIUS	:	.345	.276	.362
MEAN RADIUS	:	.622	.540	.514
MAX RADIUS	:	1.148	.789	.710
HORIZONTAL SPREAD	:	1.530	1.096	1.096
VERTICAL SPREAD	:	1.476	1.476	1.230
EXTREME SPREAD	:	1.729	1.481	1.286
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

28 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06522188

CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1in = 1

2in = 8

3in = 9

HS= 2.436

VS= 1.817

GS= 2.630

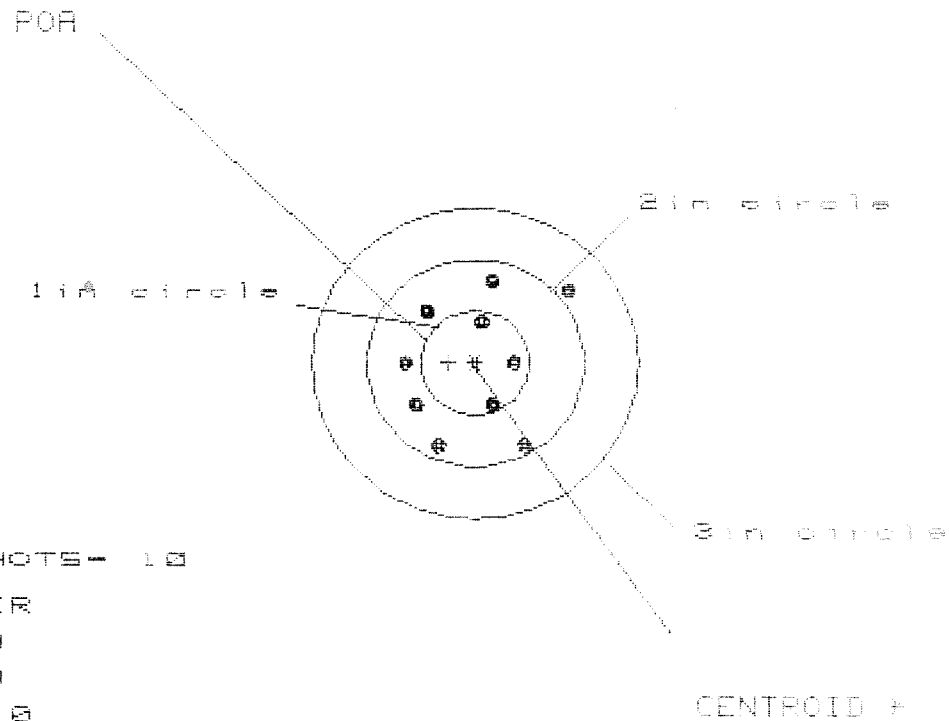
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.872	.699	.524
MINIMUM X	:	-1.564	-1.396	-.537
MAXIMUM Y	:	.848	.740	.771
MINIMUM Y	:	-.969	-.970	-.939
CENTROID X	:	-.046	.127	.302
CENTROID Y	:	.124	.232	.201
POA TO CENTROID in.	:	.133	.265	.363
MIN RADIUS	:	.384	.316	.155
MEAN RADIUS	:	.880	.722	.592
MAX RADIUS	:	1.840	1.418	1.022
HORIZONTAL SPREAD	:	2.436	2.095	1.061
VERTICAL SPREAD	:	1.817	1.710	1.710
EXTREME SPREAD	:	2.630	2.207	1.755
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

28 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8522166

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 9

3 in = 10

HS= 1.490

VS= 1.604

GS= 1.879

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	.871
MINIMUM X	-.619
MAXIMUM Y	.784
MINIMUM Y	-.820
CENTROID X	.244
CENTROID Y	-.002
POR TO CENTROID in.	.244
MIN RADIUS	.315
MEAN RADIUS	.674
MAX RADIUS	1.099
HORIZONTAL SPREAD	1.490
VERTICAL SPREAD	1.604
EXTREME SPREAD	1.879
NUMBER IN ONE INCH CIRCLE	3
NUMBER IN TWO INCH CIRCLE	9
NUMBER IN THREE INCH CIRCLE	10