

C6225066

MODEL 700TM M24

Model 700 M24TM

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.



M2400048159

CONFIDENTIAL - SUBJECT TO PROTECTIVE ORDER

Smead[®]

No. 2-152-5L

88299

[illegible]



REMINGTON ARMS COMPANY, INC.
BRIDGEPORT, CT 06601 • LONOKE, AR 72086 • ILION, NY 13357

COMMANDER
ARDEC
SMCAR-CCL-L / BLDG 65
PICATINNY ARSENAL
ATTN: MR. GLENN
07806

NJ

SHIPPING DATE 10/26/88
FACT OR # 886 C66353 0
CUST OR # 926701000000 DAAA21-87-G

SHIPPING WEIGHT: 186 LBS
PAGE: 1

QUANTITY	RAMAC	DESCRIPTION (W/ SERIAL NO.S)
3	5716	700 M24 MODEL 700.TM M24 C6225463 C6225157 C6225197

COMMANDER
 U.S. ARMY JOHN F. KENNEDY
 BUILDING HT-1307
 FORT BRAGG
 ATTN: ATSU-SE-LG-S (FBO)
 28307

NC

SHIPPING DATE 10/26/88
 FACT OR # 886 C66393 0
 CUST OR # 926701000001 DAAA21-87-C

SHIPPING WEIGHT: 2232 LBS
 PAGE: 1

QUANTITY	RAMAC	DESCRIPTION (W/ SERIAL NO.S)
36	5716	700 M24 MODEL 700.TM M24
		C6225239 C6225478 C6225233 C6225321 C6225219 C6225244 C6225069 C6225068 C6225227 C6225220 C6225346 C6225313 C6225221 C6225373 C6225116 C6225363 C6225229 C6225264 C6225556 C6225414 C6225364 C6225425 C6225133 C6225379 C6225362 C6225230 C6225540 C6225099 C6225387 C6225382 C6225375 C6225572 C6225341 C6225390 C6225374 C6225476

COMMANDER
TRANSPORTATION OFFICER
ANNISTON ARMY DEPOT
ANNISTON

SHIPPING DATE 10/26/88
FACT OR # 896 C66392 0
CUST OR # 926701000001 DAAA21-87-C

AL

SHIPPING WEIGHT: 3968 LBS
PAGE: 1

36201

QUANTITY	RAMAC	DESCRIPTION (W/ SERIAL NO.S)
64	5716	700 M24 MODEL 700.TM M24
		C6225078 C6225590 C6225231 C6225523 C6225117
		C6225253 C6225300 C6225235 C6225440 C6225258
		C6225067 C6225249 C6225234 C6225327 C6225266
		C6225265 C6225437 C6225297 C6225222 C6225315
		C6225549 C6225383 C6225295 C6225218 C6225332
		C6225371 C6225190 C6225441 C6225356 C6225348
		C6225361 C6225385 C6225240 C6225155 C6225358
		C6225173 C6225403 C6225136 C6225236 C6225377
		C6225439 C6225066 C6225355 C6225378 C6225380
		C6225506 C6225427 C6225232 C6225330 C6225384
		C6225558 C6225241 C6225351 C6225243 C6225453
		C6225342 C6225111 C6225118 C6225255 C6225459
		C6225101 C6225096 C6225343 C6225339

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225066

OPERATION		DATE	INT
#	NAME		
575-580	ASSEMBLY	1/22	FB
600	PROOF	1/28/88	RW
615	MAGNAFLUX BARREL	2/18/88	R/C
	MAGNAFLUX BOLT	3/25/88	R/C
620	COATING	3/21/88	JA
625-630	FINAL ASSEMBLY		
635	TEST		
640	TARGET		
	FIRING PIN INDENT		
660	PACK		

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6225066

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 & Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coatings (Bolt)			
	Final Assembly A) Clean inside of bolt assembly		9/7/88	RW
	B) Inspect Ejector Hole in Bolt Head		9/7/88	RW
	C) Inspect Ejector Hole for Chamfer		9/7/88	RW

OVER

OP.#		READINGS	DATE	INITIAL
625 cont.	D) Oil Firing Pin Ass'y		9/7/88	RW
	E) Adjust Trigger Pull to Min. Setting and Stake		7 Sep 88	W.S.
	F) Safety on Force	5 5 5	7 Sep 88	W.S.
	G) Safety off Force	3.5 3.5 4	7 Sep 88	W.S.
	H) Trigger Pull Test & Retainability		7 Sep 88	W.S.
	I) Firing Pin Indent	.022 .022 .022	7 Sep 88	W.S.
	J) Assemble Stock		9/22/88	RW
	K) Assemble Swivel Studs		10-13-88	W.S.
	L) Attach Front & Rear Sight Assemblies		9/22/88	RW
	M) Iron Sight Alignment		9/22/88	RW
	N) Detach Front & Rear Sights & place in numbered container		9/22/88	RW
	O) Attach Scope to Rifle		10/4/88	RW
	P) Detach & Attach Scope 20 times	67 R 88 L	10/5/88	W.S.
640	Gallery Target & Test	RESHOT 10/12/88	10/10/88	W.B.
	A) Optical Clarity of Scope		10/10/88	W.B.
645	Inspect for Live Ammo		10/10/88	W.B. AC.
655	Final Inspection			
	A) Headspace		10-13-88	W.S.
	B) Trigger Pull		10-13-88	W.S.
	C) Function		10-13-88	W.S.
660	Pack		10-21-88	W.S.

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6225066DATE 7 Sept 88TESTER G.S.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.64	2.55	2.58	2.77	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.58	2.49	2.59	2.76	
PULL #3	2.57	2.50	2.58	2.80	
PULL #4	2.55	2.53	2.59	2.78	
PULL #5	2.55	2.51	2.59	2.76	
TOTAL	12.89	12.58	12.93	13.87	
AVG.	2.578	2.516	2.586	2.774	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.23	3.14		
PULL #2	3.19	3.22		
PULL #3	3.20	3.24		
PULL #4	3.22	3.23		
PULL #5	3.21	3.25		
TOTAL	16.05	16.08		
AVG.	3.21	3.216		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.38	4.26		4.19
PULL #2	4.31	4.32		4.20
PULL #3	4.35	4.31		4.20
PULL #4	4.29	4.32		4.29
PULL #5	4.28	4.26		4.26
TOTAL	21.61	21.47		21.14
AVG.	4.322	4.294		4.228

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225066

CENTROIDAL DISTANCES

0	TO	1	.682469
1	TO	2	1.24701
1	TO	3	.592828
1	TO	4	.897727
1	TO	5	.744005

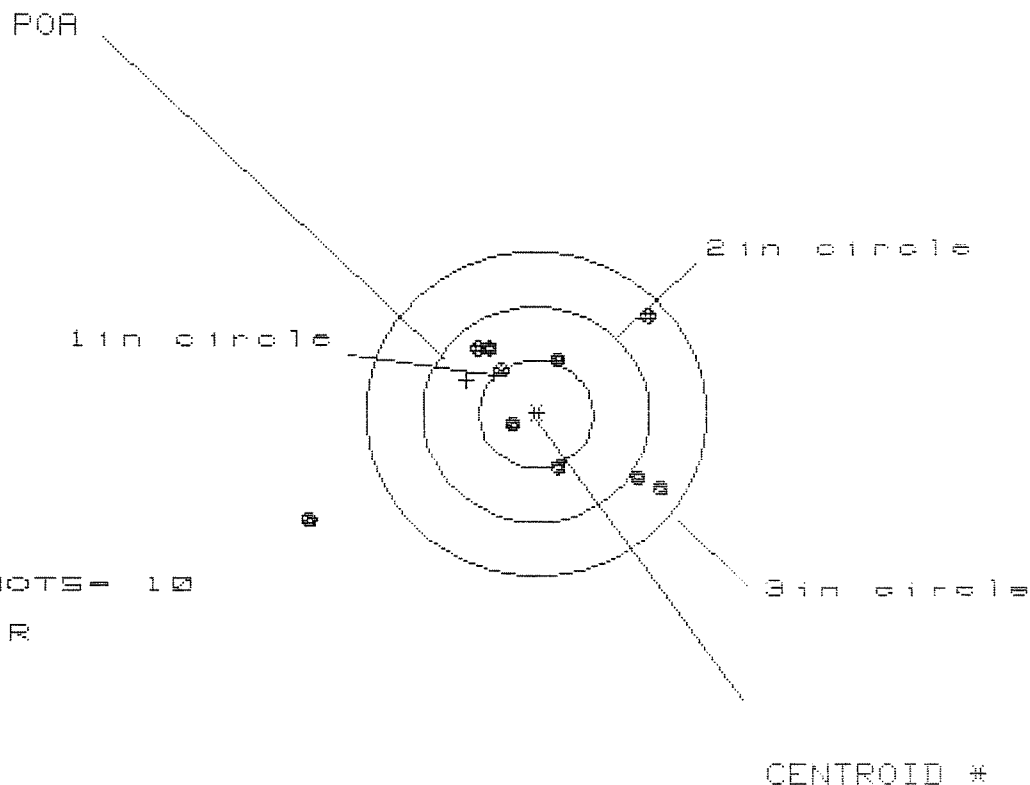
4 1 <----POA
3
2

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1768
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.6008
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .626274
THE AMR FOR THIS RIFLE IS: 1.064

12 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225066

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 3.175

VS= 1.909

GS= 3.591

CENTROID #

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.137	.910	.891
MINIMUM X	:	-2.038	-.705	-.591
MAXIMUM Y	:	.881	.767	.662
MINIMUM Y	:	-1.028	-.842	-.823
CENTROID X	:	.608	.835	.721
CENTROID Y	:	-.310	-.196	-.091
POA TO CENTROID in.	:	.683	.858	.727
MIN RADIUS	:	.275	.369	.282
MEAN RADIUS	:	.934	.782	.688
MAX RADIUS	:	2.283	1.240	1.147
HORIZONTAL SPREAD	:	3.175	1.615	1.482
VERTICAL SPREAD	:	1.909	1.609	1.485
EXTREME SPREAD	:	3.591	2.110	1.859
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	9		

12 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8225066

CENTERFIRE PATTERNS

2

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 0

2 in = 3

3 in = 7

HS= 2.986

VS= 4.072

GS= 4.396

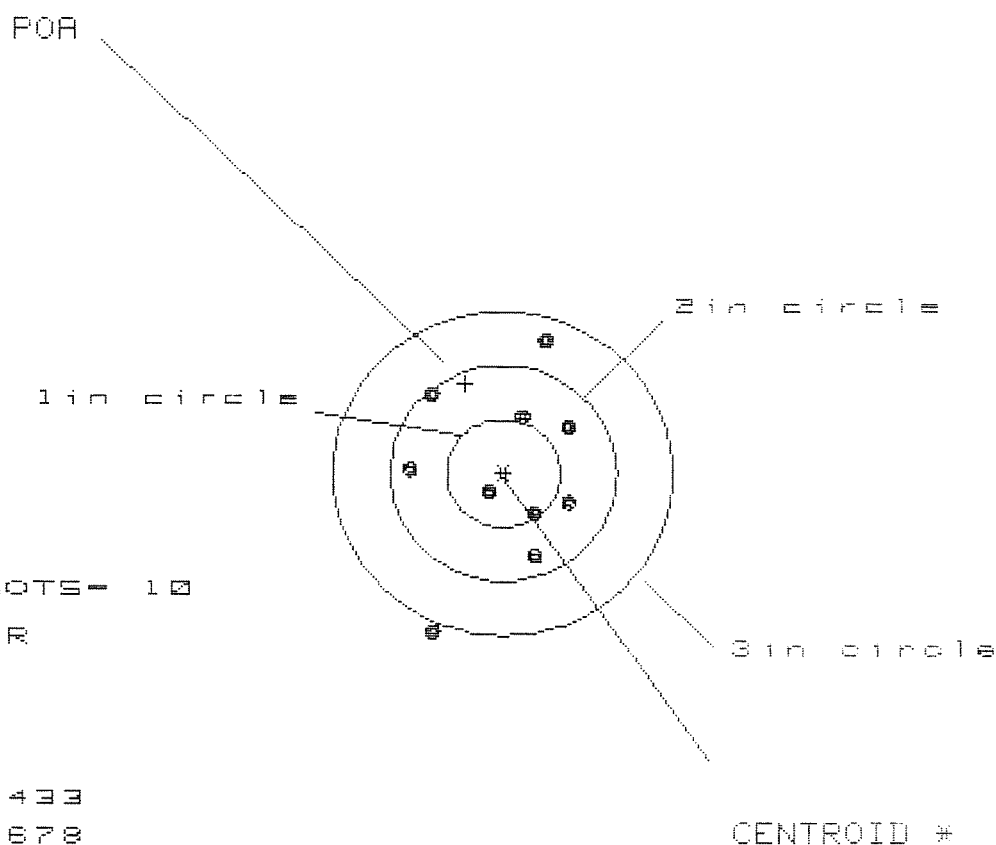
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.728	1.718	1.613
MINIMUM X	:	-1.258	-1.268	-1.053
MAXIMUM Y	:	2.783	1.296	1.182
MINIMUM Y	:	-1.289	-0.980	-1.095
CENTROID X	:	.276	.286	.071
CENTROID Y	:	-1.512	-1.821	-1.707
POA TO CENTROID in.	:	1.537	1.843	1.708
MIN RADIUS	:	.556	.650	.630
MEAN RADIUS	:	1.385	1.195	1.074
MAX RADIUS	:	2.784	1.946	1.668
HORIZONTAL SPREAD	:	2.986	2.986	2.666
VERTICAL SPREAD	:	4.072	2.276	2.276
EXTREME SPREAD	:	4.396	3.349	2.666
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	

12 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225066

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 8

3 in = 9

HS= 1.433

VS= 2.678

GS= 2.855

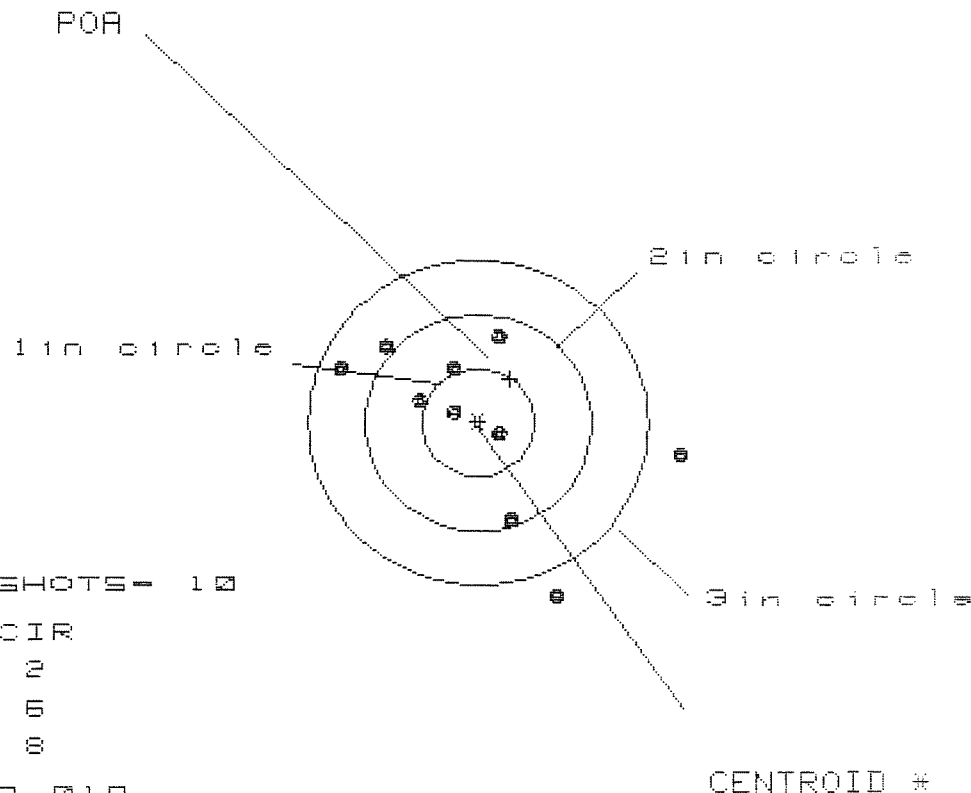
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.592	.519	.552
MINIMUM X	:	-.841	-.914	-.881
MAXIMUM Y	:	1.249	1.090	.666
MINIMUM Y	:	-1.429	-.880	-.744
CENTROID X	:	.327	.400	.367
CENTROID Y	:	-.832	-.673	-.809
POA TO CENTROID in.	:	.894	.783	.889
MIN RADIUS	:	.199	.373	.239
MEAN RADIUS	:	.800	.712	.641
MAX RADIUS	:	1.573	1.121	.947
HORIZONTAL SPREAD	:	1.433	1.433	1.433
VERTICAL SPREAD	:	2.678	1.970	1.410
EXTREME SPREAD	:	2.855	1.970	1.689
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

12 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8225086

CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 3.019

VS= 2.429

GS= 3.105

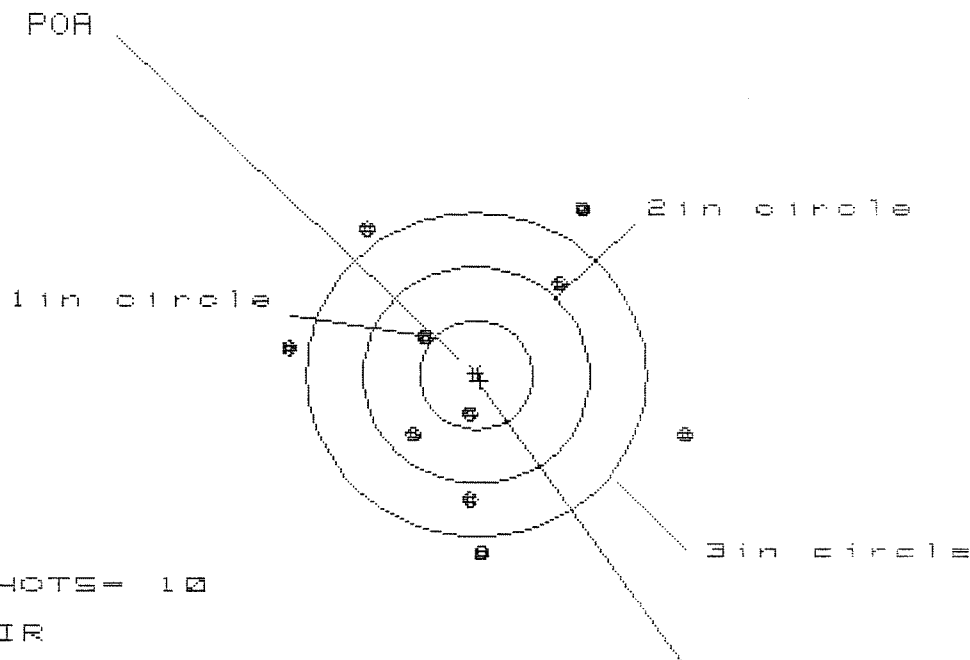
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.766	.888	.587
MINIMUM X	:	-1.253	-1.057	-.946
MAXIMUM Y	:	.833	.804	.600
MINIMUM Y	:	-1.596	-1.625	-1.144
CENTROID X	:	-.285	-.481	-.592
CENTROID Y	:	-.402	-.373	-.169
POA TO CENTROID in.	:	.492	.608	.616
MIN RADIUS	:	.175	.102	.132
MEAN RADIUS	:	.938	.805	.624
MAX RADIUS	:	1.785	1.852	1.285
HORIZONTAL SPREAD	:	3.019	1.945	1.533
VERTICAL SPREAD	:	2.429	2.429	1.744
EXTREME SPREAD	:	3.105	2.833	2.059
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

12 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225066

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 1

2in = 3

3in = 5

HS= 3.486

VS= 3.236

GS= 3.575

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.868	1.152	1.103
MINIMUM X	:	-1.618	-1.410	-1.266
MAXIMUM Y	:	1.569	1.504	1.477
MINIMUM Y	:	-1.667	-1.732	-1.544
CENTROID X	:	-.042	-.250	-.393
CENTROID Y	:	.052	.117	-.071
POA TO CENTROID in.	:	.067	.276	.400
MIN RADIUS	:	.345	.344	.376
MEAN RADIUS	:	1.265	1.163	1.039
MAX RADIUS	:	1.957	1.894	1.595
HORIZONTAL SPREAD	:	3.486	2.562	2.369
VERTICAL SPREAD	:	3.236	3.236	3.021
EXTREME SPREAD	:	3.575	3.357	3.181
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		5	

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 6225066

CENTROIDAL DISTANCES

0 TO 1	1.36127
1 TO 2	1.09054
1 TO 3	1.42894
1 TO 4	1.51175
1 TO 5	2.5124

+ <----POA

L

23
+

5

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .4464
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -2.4018
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 2.44293

THE AMR FOR THIS RIFLE IS: 1.051

11 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/6225066

CENTERFIRE PATTERNS # 1

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 0

2 in = 4

3 in = 8

HS = 3.220

VS = 1.822

GS = 3.249

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.443	1.246	1.368
MINIMUM X	:	-1.777	-1.248	-1.126
MAXIMUM Y	:	1.017	.990	1.104
MINIMUM Y	:	-.805	-.832	-.718
CENTROID X	:	-.276	-.079	-.201
CENTROID Y	:	-1.333	-1.306	-1.420
POA TO CENTROID in.	:	1.362	1.308	1.434
MIN RADIUS	:	.568	.400	.567
MEAN RADIUS	:	1.102	1.014	.961
MAX RADIUS	:	1.794	1.399	1.394
HORIZONTAL SPREAD	:	3.220	2.494	2.494
VERTICAL SPREAD	:	1.822	1.822	1.822
EXTREME SPREAD	:	3.249	2.707	2.615
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

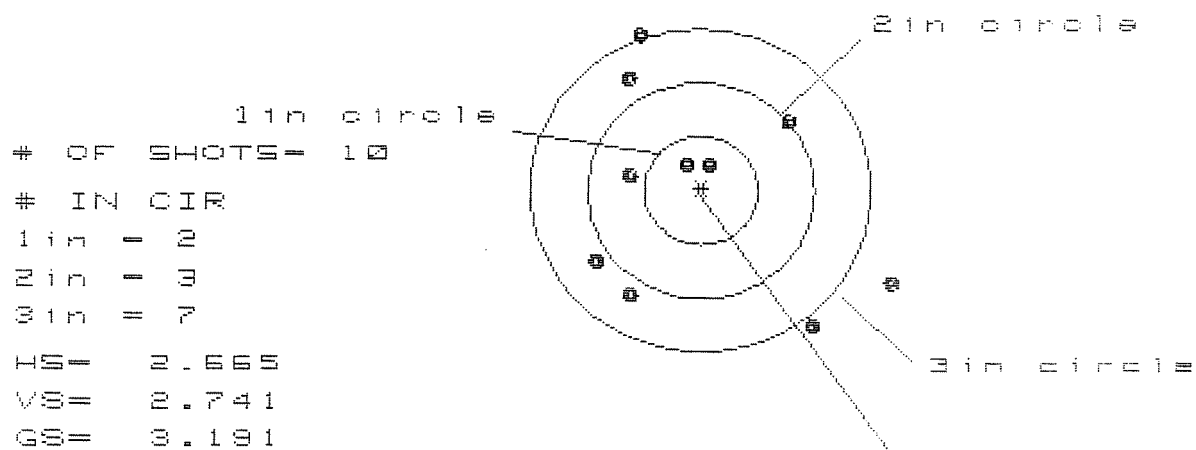
11 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/6225066

CENTERFIRE PATTERNS

2

POA



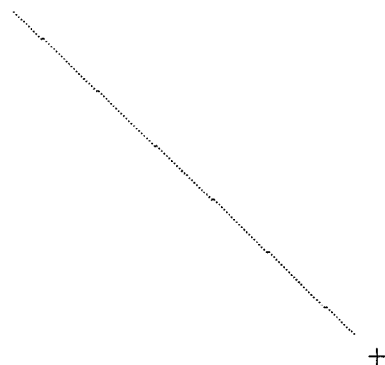
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.700	1.206	1.134
MINIMUM X	:	-.965	-.776	-.625
MAXIMUM Y	:	1.433	1.340	1.165
MINIMUM Y	:	-1.308	-1.401	-1.193
CENTROID X	:	.328	.139	-.012
CENTROID Y	:	-2.241	-2.148	-1.973
POA TO CENTROID in.	:	2.265	2.153	1.973
MIN RADIUS	:	.257	.165	.206
MEAN RADIUS	:	1.083	.947	.811
MAX RADIUS	:	1.896	1.849	1.220
HORIZONTAL SPREAD	:	2.665	1.982	1.759
VERTICAL SPREAD	:	2.741	2.741	2.358
EXTREME SPREAD	:	3.191	3.153	2.359
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			3	
NUMBER IN THREE INCH CIRCLE =			7	

11 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/6225868

CENTERFIRE PATTERNS # 3

POA



OF SHOTS ^{in circle} = 10

IN CIR

1 in = 2

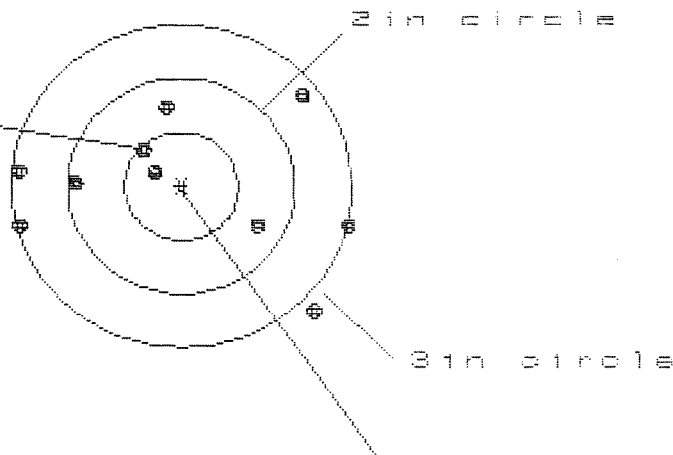
2 in = 5

3 in = 8

HS= 2.879

VS= 1.978

GS= 2.905



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.463	1.593	1.411
MINIMUM X	:	-1.416	-1.286	-1.087
MAXIMUM Y	:	.865	.741	.677
MINIMUM Y	:	-1.113	-.514	-.543
CENTROID X	:	.630	.500	.301
CENTROID Y	:	-2.438	-2.314	-2.250
POA TO CENTROID in.	:	2.518	2.368	2.270
MIN RADIUS	:	.290	.148	.110
MEAN RADIUS	:	1.053	.942	.803
MAX RADIUS	:	1.616	1.674	1.565
HORIZONTAL SPREAD	:	2.879	2.879	2.498
VERTICAL SPREAD	:	1.978	1.255	1.220
EXTREME SPREAD	:	2.905	2.905	2.780
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	8		

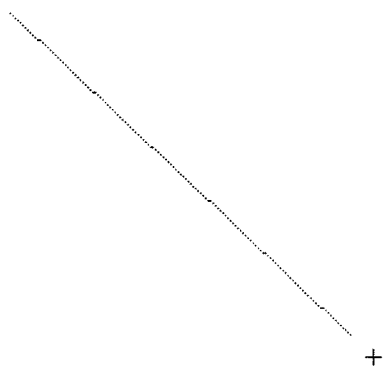
11 Oct 1986

FILE:/PATTERNING/CENTERFIRE_PATT/6225086

CENTERFIRE PATTERNS

4

POA



OF SHOTS = 10

IN CIR

1 in = 3

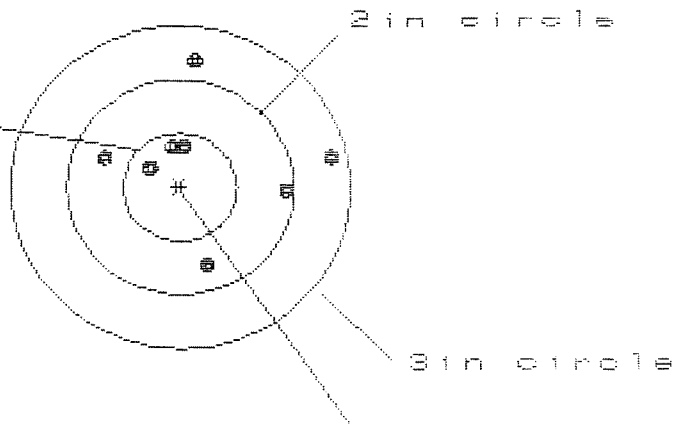
2 in = 6

3 in = 8

HS = 3.481

VS = 3.625

GS = 3.863

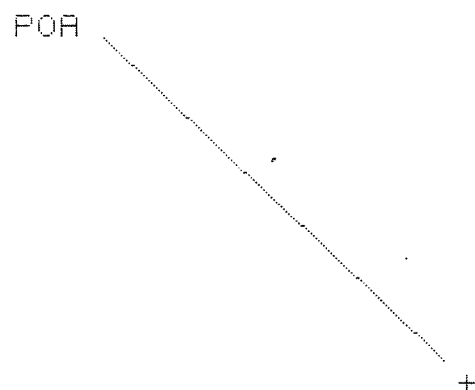


PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.339	1.381	1.119
MINIMUM X	:	-2.142	-2.100	-.917
MAXIMUM Y	:	1.203	.934	.964
MINIMUM Y	:	-2.421	-.956	-.926
CENTROID X	:	.165	.123	.386
CENTROID Y	:	-2.779	-2.510	-2.540
POA TO CENTROID in.	:	2.784	2.513	2.569
MIN RADIUS	:	.277	.092	.219
MEAN RADIUS	:	1.071	.847	.717
MAX RADIUS	:	2.450	2.114	1.119
HORIZONTAL SPREAD	:	3.481	3.481	2.035
VERTICAL SPREAD	:	3.625	1.890	1.890
EXTREME SPREAD	:	3.863	3.492	2.035
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

11 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/6225068

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 7

HS= 1.816

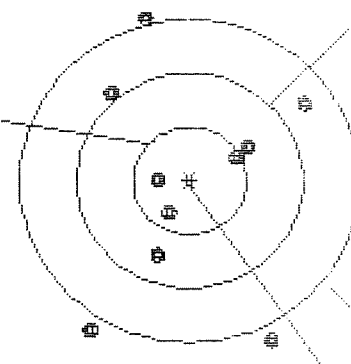
VS= 2.957

GS= 3.142

1in circle

2in circle

3in circle



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.966	1.044	.948
MINIMUM X	:	-.850	-.772	-.680
MAXIMUM Y	:	1.493	1.331	1.144
MINIMUM Y	:	-1.464	-1.495	-1.016
CENTROID X	:	1.385	1.307	1.403
CENTROID Y	:	-3.218	-3.056	-2.869
POA TO CENTROID in.	:	3.504	3.323	3.194
MIN RADIUS	:	.303	.277	.401
MEAN RADIUS	:	.947	.867	.768
MAX RADIUS	:	1.625	1.683	1.284
HORIZONTAL SPREAD	:	1.816	1.816	1.628
VERTICAL SPREAD	:	2.957	2.826	2.160
EXTREME SPREAD	:	3.142	2.869	2.163
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

C6725066

MOD. _____ GA. _____ GUN _____
CAL. _____ # _____

#	DATE	MALFUNCTION/DEFECT	ASSEM. #
W.B.	1st	SRB 2nd SHOT	
	2nd		
	3rd		
	4th		
		FUNCTION	

RD 6654

Rev 1

TEST INIT. ACTION TO CORRECT		ASSEM. #
PROOF		
TEST		
TGT		
PROOF		
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PROOF	ENGINEER	
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