

FORM

UPC



0 47700 25716 2

C6665852

*INCLUDES 1 IN CHAMBER

MODEL 700 TM M24

ORDER NO. 5716

BARREL LENGTH

CAPACITY*

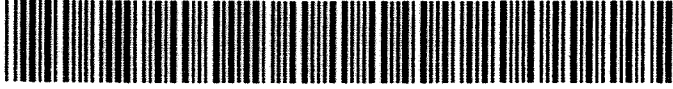
Remington

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

MODEL 700™ M24**SERIAL NO.****C6665852****ORDER NO.****5716**

20

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



5716 C6665852

ORDER 5716

MODEL 700™ M24

UPC

0 47700 25716 7

ORDER 5716

MODEL 700™ M24

UPC

0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

6665852

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	9/26/91	KH
600	Proof		9/26/91	KH
607	Check Headspace		9/26/91	KH
610	Dis-assemble Gun		9/26/91	KH
612	Magnaflux Barrel Action	OCT	4 1991	Kcd
	Magnaflux Bolt	OCT	4 1991	Kcd
615	Rollmark Caliber	OCT	4 1991	CS
617	Drill and Tap Sight Holes	OCT	4 1991	LB
618	Polish Barrel	OCT	4 1991	WB
620	Apply Coatings (Barrel Action)		10-18-91	DA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/8/91	KH
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/8/91	KH
	C) Inspect Ejector Hole for Chamfer		11/8/91	KH
	D) Oil Firing Pin Ass'y		11/8/91	KH
	E) Adjust Trigger Pull to Min Setting and Stake		11-11-91	JH

op. #	OP NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			11-11-91	JK
	G) Safety Off Force	3	3	3			11-11-91	JK
	H) Trigger Pull Test & Retainability						11-11-91	JK
	I) Firing Pin Indent	1021	1021	1021			11-11-91	JK
	J) Assemble Stock						11/11/91	JK
	K) Assemble Swivel Studs						11-21-91	JK
	L) Attach Front and Rear Sight Assemblies						11/11/91	JK
	M) Iron Sight Alignment						11/11/91	JK
	N) Detach Front & Rear Sights & place in numbered container						11/11/91	JK
	O) Attach Scope to Rifle						11/11/91	JK
	P) Detach & Attach Scope 20 Times						11/11/91	JK
640	Gallery Target & Test						11/19/91	KT
	A) Time							107
	B) Malfunctions							107
	C) Pierced Primers							107
	D) Optical Clarity of Scope							107
645	Inspect for Live Ammo						11/19/91	107
655	Final Inspection							928
	A) Headspace						11-21-91	11/21/91
	B) Trigger Pull	255	258	258	261	258	11-20-91	11/20/91
	C) Function						11-21-91	11/21/91
660	Pack						12-18-91	12/18/91

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6665852

DATE 11-11-91

TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.43	2.33	2.35	2.55	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.35	2.33	2.30	2.58	
PULL #3	2.34	2.27	2.33	2.58	
PULL #4	2.44	2.32	2.32	2.61	
PULL #5	2.46	2.28	2.38	2.58	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.32	3.20		
PULL #2	3.25	3.21		
PULL #3	3.21	3.25		
PULL #4	3.30	3.23		
PULL #5	3.22	3.64		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.36	4.15		4.53
PULL #2	4.20	4.43		4.48
PULL #3	4.25	4.35		4.31
PULL #4	4.31	4.36		4.46
PULL #5	4.31	4.39		4.35
TOTAL				
AVG.				

1.500 CALCULATIONS
1.47 10665852

1.1 DISTANCES

1	.125575
2	.356204
3	.0748866
4	.201556
5	.103479

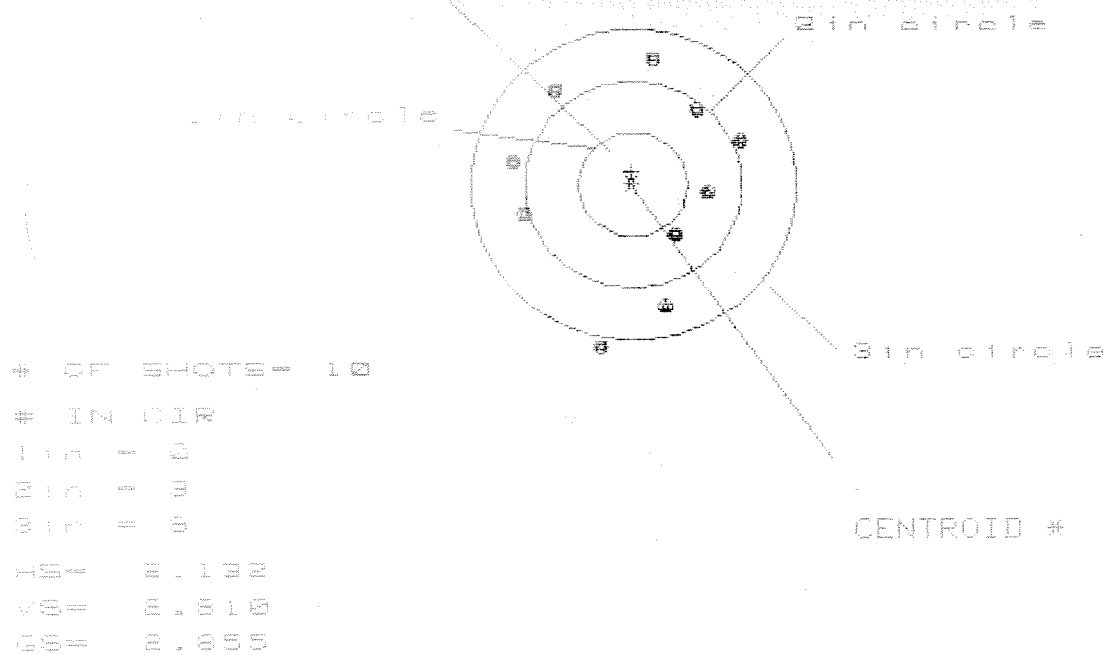
1.4 (----) PDR

1.5 RIFLE IS: -.0196
1.6 RIFLE IS: -.1222
1.7 THIS RIFLE IS: .123762

78 NOV 1951

FIELD PATTERNING/CENTERFIRE PATT/C8865852

CENTERFIRE PATTERNS # 1



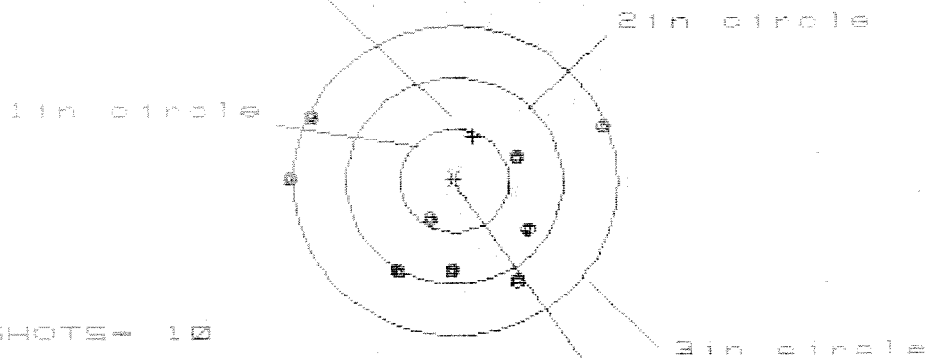
PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.024	.985	.998
MINIMUM X	-1.106	-1.147	-1.134
MAXIMUM Y	1.247	1.073	.928
MINIMUM Y	-1.563	-1.361	-1.227
CENTROID X	.812	.851	.838
CENTROID Y	-.125	.049	-.085
POB TO CENTROID IN.	.125	.071	.093
MIN RADIUS	.667	.719	.683
MEAN RADIUS	1.096	1.023	1.011
MA. RADIUS	1.683	1.385	1.257
HORIZONTAL SPREAD	2.132	2.132	2.132
VERTICAL SPREAD	2.810	2.434	2.155
EXTREME SPREAD	2.855	2.438	2.399
NUMBER IN ONE INCH CIRCLE =		8	
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =		9	

20 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665852

CENTERFIRE PATTERNS # 2

POA



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 2.240

VS= 3.147

GS= 3.153

CENTROID #

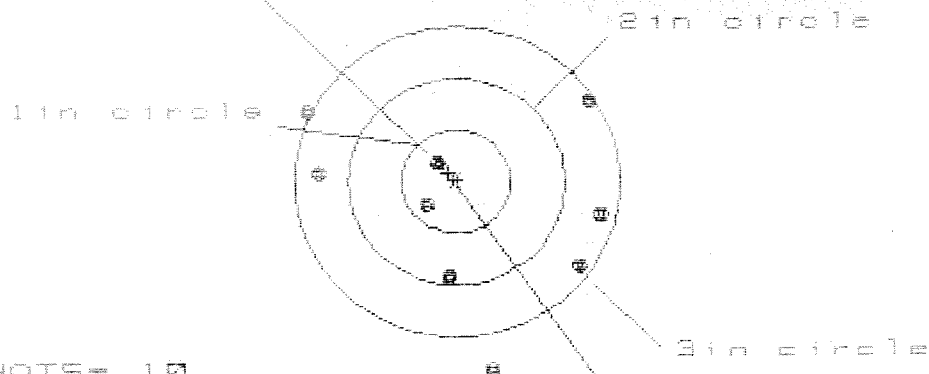
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.391	1.435	1.247
MINIMUM X	-1.549	-1.585	-1.443
MAXIMUM Y	2.129	.888	.924
MINIMUM Y	-1.018	-.781	-.745
CENTROID X	-.172	-.216	-.028
CENTROID Y	-.430	-.667	-.703
POA TO CENTROID in.	.463	.701	.703
MIN RADIUS	.396	.187	.350
MEAN RADIUS	1.153	.980	.894
MAX RADIUS	2.166	1.614	1.713
HORIZONTAL SPREAD	2.940	2.940	2.690
VERTICAL SPREAD	3.147	1.669	1.669
EXTREME SPREAD	3.153	2.975	2.694
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

28 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8565052

CENTERFIRE PATTERNS # 3

POA



OF SHOTS= 10

IN CIR

1in = 2

2in = 3

3in = 7

HS= 2.744

VS= 4.170

GS= 4.336

CENTROID #

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.366	1.267	1.292
MINIMUM X	-1.378	-1.477	-1.452
MAXIMUM Y	2.322	1.068	.869
MINIMUM Y	-1.848	-1.590	-.870
CENTROID X	.074	.173	.148
CENTROID Y	-.083	-.341	-.142
POA TO CENTROID in.	.111	.362	.205
MIN RADIUS	.251	.367	.342
MEAN RADIUS	1.295	1.150	1.079
MAX RADIUS	2.486	1.728	1.611
HORIZONTAL SPREAD	2.744	2.744	2.744
VERTICAL SPREAD	4.170	2.658	1.739
EXTREME SPREAD	4.336	3.001	2.906
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =			7

20 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08665852

CENTERFIRE PATTERNS # 4

POR

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 0

2 in = 3

3 in = 6

CENTROID #

HS = 3.284

VS = 2.520

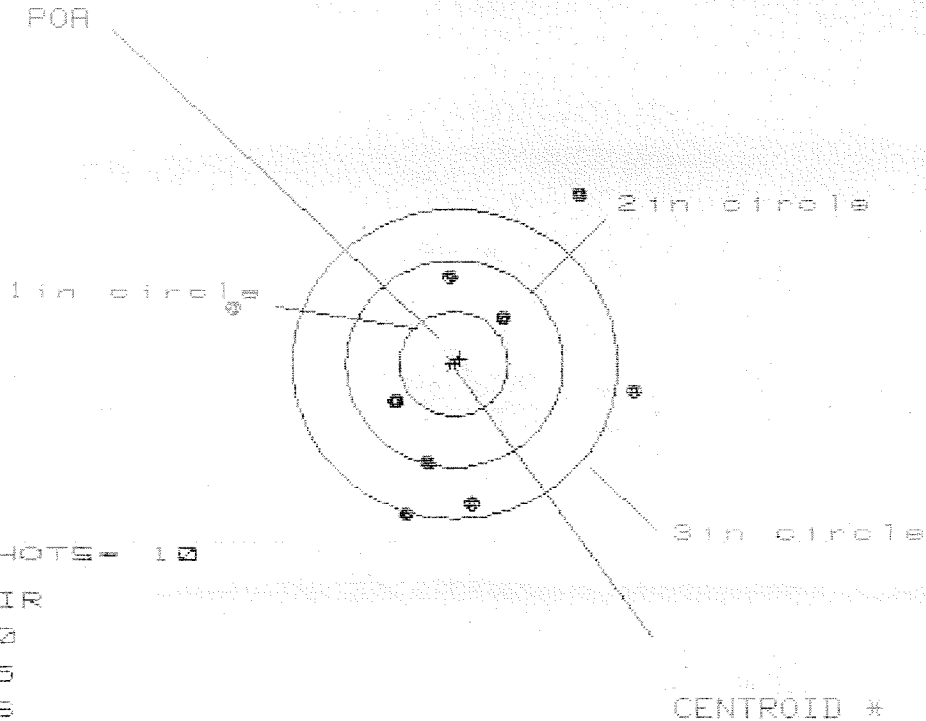
GS = 3.461

PATTERN #	4
SHOTS (BEST OF)	10
MAXIMUM X	1.473
MINIMUM X	-1.811
MAXIMUM Y	1.496
MINIMUM Y	-1.024
CENTROID X	-.059
CENTROID Y	.044
POR TO CENTROID in.	.074
MIN RADIUS	.661
MEAN RADIUS	1.278
MAX RADIUS	1.824
HORIZONTAL SPREAD	3.284
VERTICAL SPREAD	2.520
EXTREME SPREAD	3.461
NUMBER IN ONE INCH CIRCLE =	0
NUMBER IN TWO INCH CIRCLE =	3
NUMBER IN THREE INCH CIRCLE =	6

20 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665852

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 0

2 in = 5

3 in = 6

HS = 3.731

VS = 3.048

GS = 3.813

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.674	1.446	1.559
MINIMUM X	:	-2.057	-.722	-.610
MAXIMUM Y	:	1.623	1.685	1.124
MINIMUM Y	:	-1.425	-1.363	-1.152
CENTROID X	:	-.056	.172	.059
CENTROID Y	:	-.047	-.109	-.320
POA TO CENTROID in.	:	.073	.204	.325
MIN RADIUS	:	.618	.539	.617
MEAN RADIUS	:	1.260	1.161	1.048
MAX RADIUS	:	2.132	1.912	1.559
HORIZONTAL SPREAD	:	3.731	2.168	2.168
VERTICAL SPREAD	:	3.048	3.048	2.276
EXTREME SPREAD	:	3.813	3.452	2.474
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		6	

CENTROIDAL DISTANCE CALCULATIONS
 FOR RIFLE # 06665852
 13 Dec 1991

CENTROIDAL DISTANCES

0 TO	1	.137844
1 TO	2	.260647
1 TO	3	.108407
1 TO	4	.297321
1 TO	5	.0782304

2
 1/4 <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0848
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0716
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .110985

THE AMR FOR THIS RIFLE IS: 1.223

13-Dec-1991

FILE:/HATTERING/CENTERFIRE_PATT/CGB65852.1

CENTERFIRE PATTERNS # 1

POA

1 in circle

2 in circle

3 in circle

OF SHOTS= 10

IN CIR

1 in = 1

2 in = 3

3 in = 8

HS= 3.133

VS= 4.538

GS= 4.791

CENTROID *

PATTERN #

1

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.431	1.423	1.209
MINIMUM X	-1.702	-1.710	-1.762
MAXIMUM Y	1.296	.936	1.049
MINIMUM Y	-3.242	-1.640	-1.527
CENTROID X	.076	.084	.298
CENTROID Y	.115	.475	.362
POA TO CENTROID in.	.138	.482	.489
MIN RADIUS	.148	.330	.195
MEAN RADIUS	1.293	1.025	.898
MAX RADIUS	3.243	1.934	1.562
HORIZONTAL SPREAD	3.133	3.133	1.971
VERTICAL SPREAD	4.538	2.576	2.576
EXTREME SPREAD	4.791	3.424	2.593
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	8		

13-Dec-1991

FILE:/PATTERNING/CENTERFIRE_PATT/05665852.1

CENTERFIRE PATTERNS # 2

POR

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 1

2in = 3

3in = 6

HS = 1.774

VS = 4.741

GS = 4.761

CENTROID *

PATTERN #

2

SHOTS (BEST OF)

10

9

8

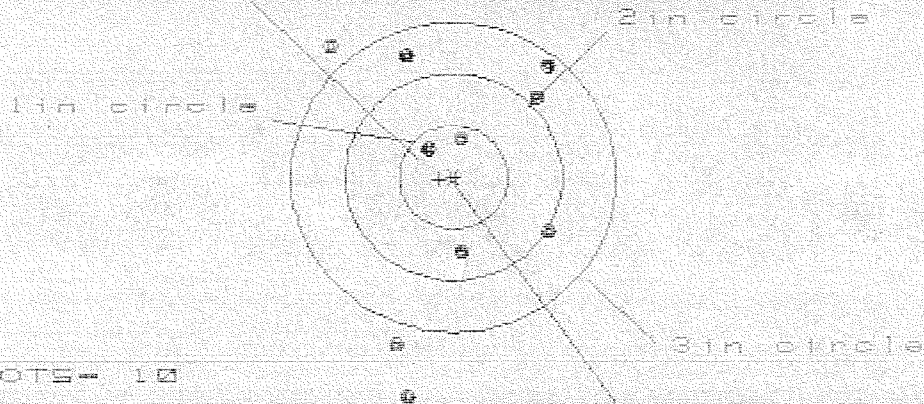
MAXIMUM X	: .898	.894	.943
MINIMUM X	: -.876	-.880	-.831
MAXIMUM Y	: 2.097	1.804	1.465
MINIMUM Y	: -2.644	-2.086	-1.861
CENTROID X	: -.028	-.024	-.073
CENTROID Y	: .354	.647	.422
POR TO CENTROID in.	: .355	.648	.428
MIN RADIUS	: .370	.583	.376
MEAN RADIUS	: 1.422	1.268	1.180
MAX RADIUS	: 2.644	2.265	2.038
HORIZONTAL SPREAD	: 1.774	1.774	1.774
VERTICAL SPREAD	: 4.741	3.890	3.326
EXTREME SPREAD	: 4.761	4.093	3.417
NUMBER IN ONE INCH CIRCLE	=	1	
NUMBER IN TWO INCH CIRCLE	=	3	
NUMBER IN THREE INCH CIRCLE	=	6	

13 Dec 1991

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CENTERFIRE PATTERNS # 3

POA



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 4

3 in = 7

HS = 2.019

VS = 3.394

GS = 3.484

CENTROID *

PATTERN #	1	3	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.899	.851	.779
MINIMUM X	-1.120	-1.168	-1.240
MAXIMUM Y	1.296	1.063	.827
MINIMUM Y	-2.098	-1.886	-1.170
CENTROID X	.130	.178	.250
CENTROID Y	.021	.254	.490
POA TO CENTROID in.	.132	.310	.550
MIN RADIUS	.315	.133	.117
MEAN RADIUS	1.178	1.021	.894
MAX RADIUS	2.142	1.971	1.490
HORIZONTAL SPREAD	2.019	2.019	2.019
VERTICAL SPREAD	3.394	2.949	1.997
EXTREME SPREAD	3.484	3.118	2.675
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		7	

13 Dec 1991

FILE: PATTERNING/CENTERFIRE_PATT/C8665052.1

CENTERFIRE PATTERNS

4

POR

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 2

2in = 3

3in = 6

HS= 1.952

VS= 3.565

GS= 3.960

CENTROID *

PATTERN #

4

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.910

.986

.863

MINIMUM X

-1.042

-.966

-1.794

MAXIMUM Y

1.559

1.336

1.349

MINIMUM Y

-2.006

-1.700

-1.533

CENTROID X

.164

.088

.209

CENTROID Y

-.169

.054

-.113

POR TO CENTROID in.

.235

.103

.237

MIN RADIUS

.414

.616

.413

MEAN RADIUS

1.237

1.142

1.052

MAX RADIUS

2.120

1.727

1.590

HORIZONTAL SPREAD

1.952

1.952

1.659

VERTICAL SPREAD

3.565

3.036

2.882

EXTREME SPREAD

3.960

3.126

2.902

NUMBER IN ONE INCH CIRCLE =

2

NUMBER IN TWO INCH CIRCLE =

3

NUMBER IN THREE INCH CIRCLE =

6

13 Dec 1991

FILE: \PATTERNING\CENTERFIRE_PATT\06685858.1

CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIP

1 in = 1

2 in = 5

3 in = 9

CENTROID *

HS = 2.628

VS = 2.047

GS = 2.941

PATTERN

5

SHOTS (BEST OF)

	10	9	8
MAXIMUM X	1.058	.884	.924
MINIMUM X	-1.570	-1.132	-1.022
MAXIMUM Y	.901	.938	.813
MINIMUM Y	-1.146	-1.109	-1.228
CENTROID X	.082	.256	.146
CENTROID Y	.037	-.000	.113
POA TO CENTROID in.	.090	.256	.100
MIN RADIUS	.317	.333	.218
MEAN RADIUS	.986	.908	.823
MAX RADIUS	1.605	1.471	1.310
HORIZONTAL SPREAD	2.628	2.016	1.846
VERTICAL SPREAD	2.047	2.047	2.047
EXTREME SPREAD	2.941	2.763	2.453
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		9	