

C6649281

MODEL 700™ M24

Model S&S™

Action

Barrel Length

Capacity

Order No. 5715

*Includes 1 in chamber.

Remington

*Call
1-800-888-8888*

Remington® **DUPONT**
REG. U.S. PAT. & TM. OFF.

MODEL 700™ M24

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

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

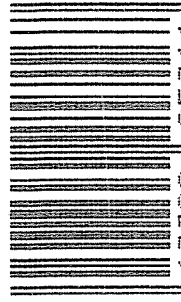
SERIAL NO. C6649281	ORDER NO. 5716
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20



5716 C6649281

UPC



0 47700 25716 2

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649281

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	6 27	9 1	AW
600	Proof	6 27	9 1	AW
607	Check Headspace	6 27	9 1	AW
610	Dis-assemble Gun	6 27	9 1	AW
612	Magnaflux Barrel Action		JUL 2 1991	KR
	Magnaflux Bolt		JUL 2 1991	KR
615	Rollmark Caliber			SS
617	Drill and Tap Sight Holes		JUL 2 1991	FB
618	Polish Barrel		JUL 7 1991	WB
620	Apply Coatings (Barrel Action)		7-22-91	TA
	Apply Coating (Bolt)			TA
625	Final Assembly A) Clean inside of Bolt Assembly		7/23/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/23/91	RW
	C) Inspect Ejector Hole for Chamfer		7/23/91	RW
	D) Oil Firing Pin Ass'y		7/23/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		7-25-91	TA

BARBER - M24 0067280

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			7-25-91	DH
	G) Safety Off Force	3	3	2 1/2			7-25-91	DH
	H) Trigger Pull Test & Retainability						7-25-91	84
	I) Firing Pin Indent	1020	.021	.021			7-25-91	DH
	J) Assemble Stock						7/26/91	RW
	K) Assemble Swivel Studs						8-6-91	AC
	L) Attach Front and Rear Sight Assemblies						7/26/91	RW
	M) Iron Sight Alignment						7/26/91	RW
	N) Detach Front & Rear Sights & place in numbered container						7/26/91	RW
	O) Attach Scope to Rifle						7/26/91	RW
	P) Detach & Attach Scope 20 Times						7/26/91	RW
640	Gallery Target & Test						7-29-91	DH
	A) Time						7-29-91	DH
	B) Malfunctions						7-29-91	DH
	C) Pierced Primers						7-29-91	DH
	D) Optical Clarity of Scope						7-29-91	DH
645	Inspect for Live Ammo						7-29-91	DH
655	Final Inspection							
	A) Headspace						8-6-91	AC
	B) Trigger Pull	2.41	2.45	2.36	2.30	2.46	8-6-91	MA
	C) Function							MA
660	Pack						9-17-91	DH

Crack in
Stock
Repaired 8/1/91
RW

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6649281

DATE 7-25-91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.26	2.37	2.30	2.41	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.35	2.31	2.35	2.45	
PULL #3	2.26	2.34	2.33	2.36	
PULL #4	2.34	2.33	2.28	2.30	
PULL #5	2.44	2.25	2.20	2.46	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.69	3.36		
PULL #2	3.52	3.38		
PULL #3	3.60	3.29		
PULL #4	3.38	3.33		
PULL #5	3.38	3.20		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.58	4.55		4.27
PULL #2	4.35	4.52		4.22
PULL #3	4.52	4.46		4.27
PULL #4	4.55	4.45		4.34
PULL #5	4.42	4.34		4.35
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6649281
29 Jul 1991

CENTROIDAL DISTANCES

0 TO	1	.156263
1 TO	2	.16876
1 TO	3	.0659469
1 TO	4	.352639
1 TO	5	.448415

5 <----POA

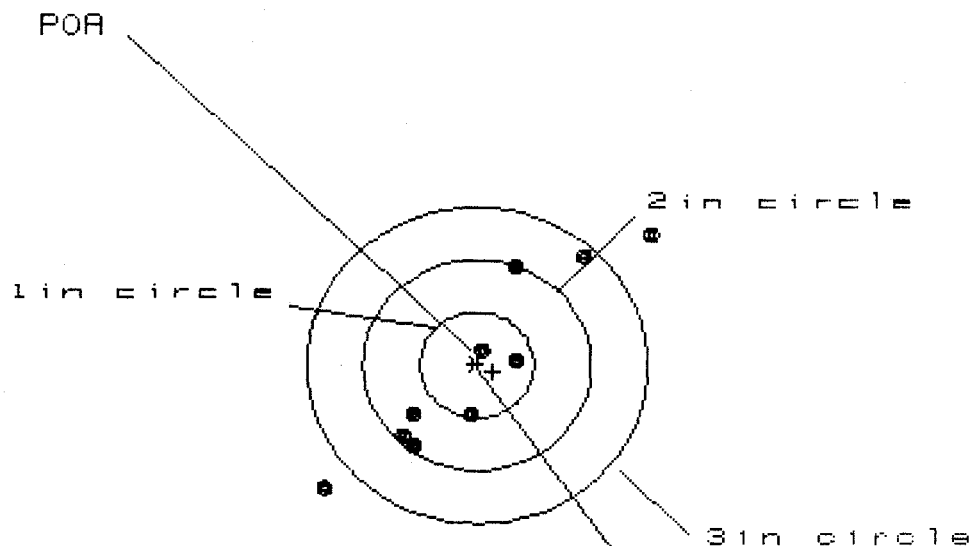
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0264
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0246
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0360849

THE AMR FOR THIS RIFLE IS: .8906

29 Jul 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649281

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 8

HS= 2.902

VS= 2.380

GS= 3.753

CENTROID *

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.540	1.122	.973
MINIMUM X	:	-1.362	-1.191	-.596
MAXIMUM Y	:	1.267	1.172	1.051
MINIMUM Y	:	-1.113	-.973	-.730
CENTROID X	:	-.143	-.314	-.165
CENTROID Y	:	.063	-.077	.044
POA TO CENTROID in.	:	.157	.324	.171
MIN RADIUS	:	.132	.327	.154
MEAN RADIUS	:	.970	.835	.743
MAX RADIUS	:	1.994	1.623	1.432
HORIZONTAL SPREAD	:	2.902	2.313	1.569
VERTICAL SPREAD	:	2.380	2.145	1.781
EXTREME SPREAD	:	3.753	3.155	2.360
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

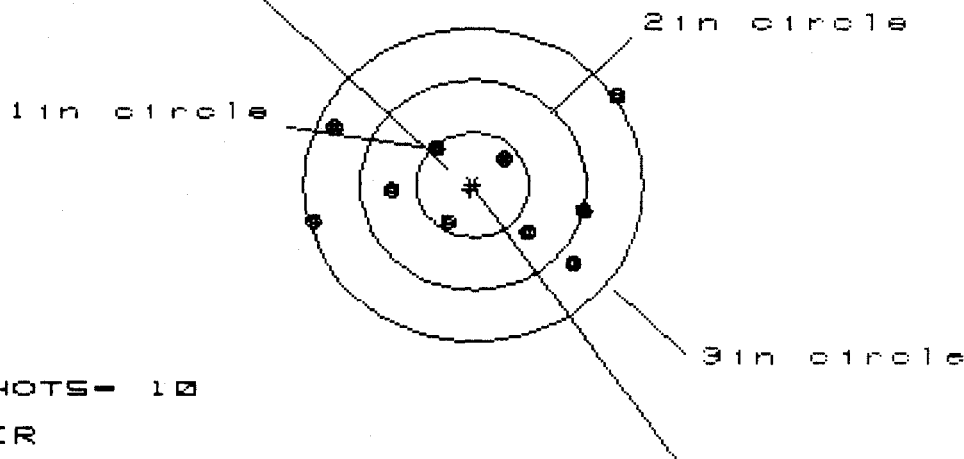
29 Jul 1991

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CENTERFIRE PATTERNS

2

POA



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 9

HS= 2.730

VS= 1.650

GS= 2.989

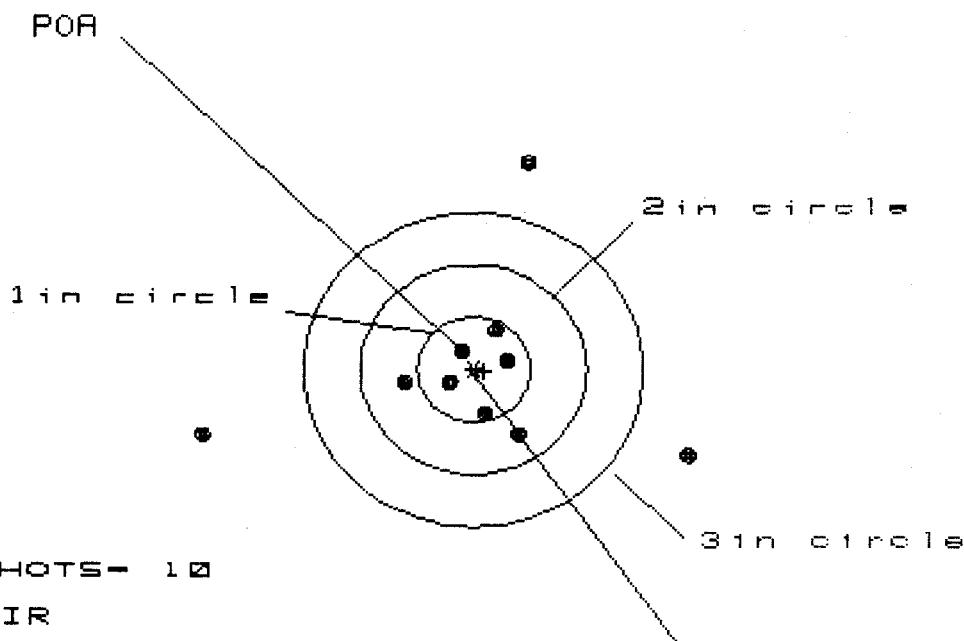
CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.311	1.127	.968
MINIMUM X	:	-1.419	-1.273	-1.198
MAXIMUM Y	:	.873	.696	.665
MINIMUM Y	:	-.777	-.680	-.711
CENTROID X	:	.025	-.120	.039
CENTROID Y	:	.047	-.050	-.019
POA TO CENTROID in.	:	.053	.130	.043
MIN RADIUS	:	.399	.284	.399
MEAN RADIUS	:	.924	.839	.774
MAX RADIUS	:	1.576	1.297	1.370
HORIZONTAL SPREAD	:	2.730	2.400	2.166
VERTICAL SPREAD	:	1.650	1.376	1.376
EXTREME SPREAD	:	2.989	2.491	2.491
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	9		

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 5

2 in = 7

3 in = 7

HS= 4.270

VS= 2.793

GS= 4.275

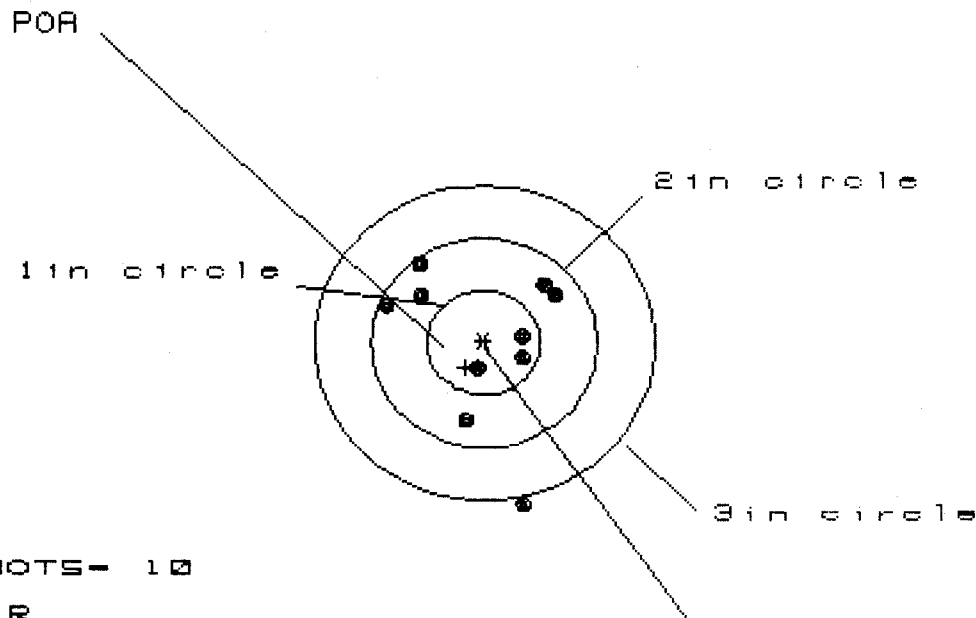
CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.856	1.588	1.618
MINIMUM X	:	-2.414	-.857	-.827
MAXIMUM Y	:	2.008	1.944	.519
MINIMUM Y	:	-.785	-.849	-.606
CENTROID X	:	-.093	.175	.145
CENTROID Y	:	.020	.084	-.159
POA TO CENTROID in.	:	.095	.194	.215
MIN RADIUS	:	.178	.049	.287
MEAN RADIUS	:	.937	.780	.623
MAX RADIUS	:	2.482	1.958	1.728
HORIZONTAL SPREAD	:	4.270	2.445	2.445
VERTICAL SPREAD	:	2.793	2.793	1.125
EXTREME SPREAD	:	4.275	3.102	2.533
NUMBER IN ONE INCH CIRCLE	=	5		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	7		

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CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1 in - 3

Zin - 9

$$31n = 9$$

HS- 1.521

VS= 2.254

GS= 2.439

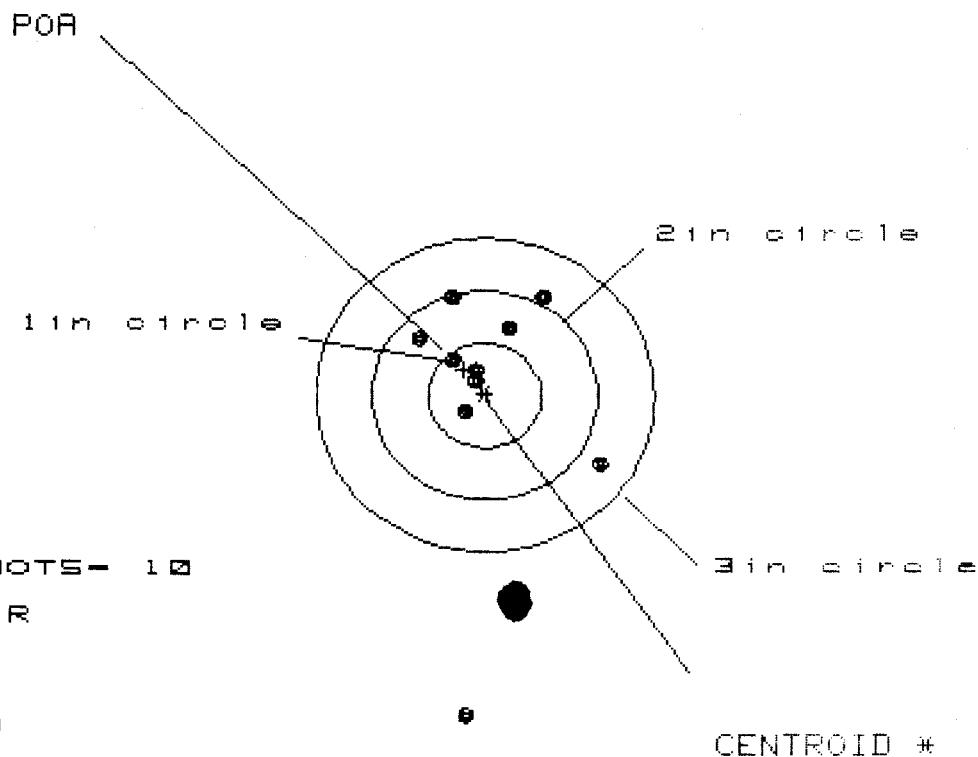
CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:			
MAXIMUM X	:	.666	.704	.602
MINIMUM X	:	-.855	-.817	-.656
MAXIMUM Y	:	.728	.559	.587
MINIMUM Y	:	-1.526	-.859	-.831
CENTROID X	:	.162	.124	.226
CENTROID Y	:	.240	.409	.381
POA TO CENTROID in.	:	.289	.428	.443
MIN RADIUS	:	.236	.404	.299
MEAN RADIUS	:	.734	.642	.595
MAX RADIUS	:	1.563	.873	.880
HORIZONTAL SPREAD	:	1.521	1.521	1.258
VERTICAL SPREAD	:	2.254	1.418	1.418
EXTREME SPREAD	:	2.439	1.521	1.473
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 6

3 in = 9

HS= 1.570

VS= 4.006

GS= 4.039

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.018	.999	.610
MINIMUM X	:	-.552	-.571	-.446
MAXIMUM Y	:	.979	.643	.514
MINIMUM Y	:	-3.027	-1.032	-.569
CENTROID X	:	.181	.200	.075
CENTROID Y	:	-.247	.089	.218
POA TO CENTROID in.	:	.307	.218	.230
MIN RADIUS	:	.201	.186	.189
MEAN RADIUS	:	.888	.561	.431
MAX RADIUS	:	3.031	1.437	.783
HORIZONTAL SPREAD	:	1.570	1.570	1.056
VERTICAL SPREAD	:	4.006	1.675	1.083
EXTREME SPREAD	:	4.039	2.140	1.262
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	