

FORM

UPC



0 47700 25716 7

65655701

*INCLUDES 1 IN CHAMBER

CAPACITY*

BARBER - M24 0101496

MODEL 700 TM M24

ORDER NO. 5716

BARREL LENGTH

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0101496 M2409101535

Remington		DUPONT REG. U.S. PAT. & TM. OFF.	VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700™ M24		SERIAL NO. C6665701	
		ORDER NO. 5716	
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.		20	



5716 C6665701

ORDER 5716
MODEL 700™ M24
UPC



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ORDER 5716
MODEL 700™ M24
UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665701

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10 1	91	Rw
600	Proof	10 1	91	Rw
607	Check Headspace	10 1	91	Rw
610	Dis-assemble Gun	10 1	91	Rw
612	Magnaflux Barrel Action	OCT	4 1991	KR
	Magnaflux Bolt	OCT	4 1991	KR
615	Rollmark Caliber	OCT	4 1991	LB
617	Drill and Tap Sight Holes	OCT	4 1991	LB
618	Polish Barrel		10/8/91	WB
620	Apply Coatings (Barrel Action)		10-22-91	JA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		10/22/91	Rw
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/22/91	Rw
	C) Inspect Ejector Hole for Chamfer		10/22/91	Rw
	D) Oil Firing Pin Ass'y		10/22/91	Rw
	E) Adjust Trigger Pull to Min Setting and Stake		10/28/91	JA

op. #	BARBER - M24 0101499	READINGS					DATE	INIT
	OP. NAME							
625 cont.	F) Safety On Force	2	2	2			10/28/91	WLB
	G) Safety Off Force	4 1/4	4 1/4	4 1/4			10/28/91	WLB
	H) Trigger Pull Test & Retainability						10/28/91	JL
	I) Firing Pin Indent	.020	.020	.0205			10/28/91	WLB
	J) Assemble Stock						10/28/91	RW
	K) Assemble Swivel Studs						10-31-91	AC
	L) Attach Front and Rear Sight Assemblies						10/28/91	RW
	M) Iron Sight Alignment						10/28/91	RW
	N) Detach Front & Rear Sights & place in numbered container						10/28/91	RW
	O) Attach Scope to Rifle						10/28/91	RW
	P) Detach & Attach Scope 20 Times						10/28/91	RW
640	Gallery Target & Test						10-28-91	N
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						10-28-91	NF
655	Final Inspection							
	A) Headspace						10-30-91	A
	B) Trigger Pull	232	222	224	224	224	10-30-91	D/H
	C) Function						10-30-91	A
660	Pack						12-17-91	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6665701

DATE 10/28/91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.27	2.37	2.42	232	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.24	2.38	2.36	222	
PULL #3	2.17	2.34	2.49	224	
PULL #4	2.41	2.39	2.44	224	
PULL #5	2.46	2.40	2.40	224	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.44	3.54		
PULL #2	3.52	3.52		
PULL #3	3.54	3.54		
PULL #4	3.60	3.54		
PULL #5	3.62	3.52		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO .4# FOR TARGET & ACCURACY
PULL #1	4.39	4.23		4.21
PULL #2	4.36	4.18		4.23
PULL #3	4.33	4.22		4.18
PULL #4	4.29	4.21		4.18
PULL #5	4.34	4.21		4.21
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
 FOR RIFLE # C6665701
 29 Oct 1991

CENTROIDAL DISTANCES

0 TO	1	.137131
1 TO	2	.0793095
1 TO	3	.138004
1 TO	4	.231206
1 TO	5	.159305

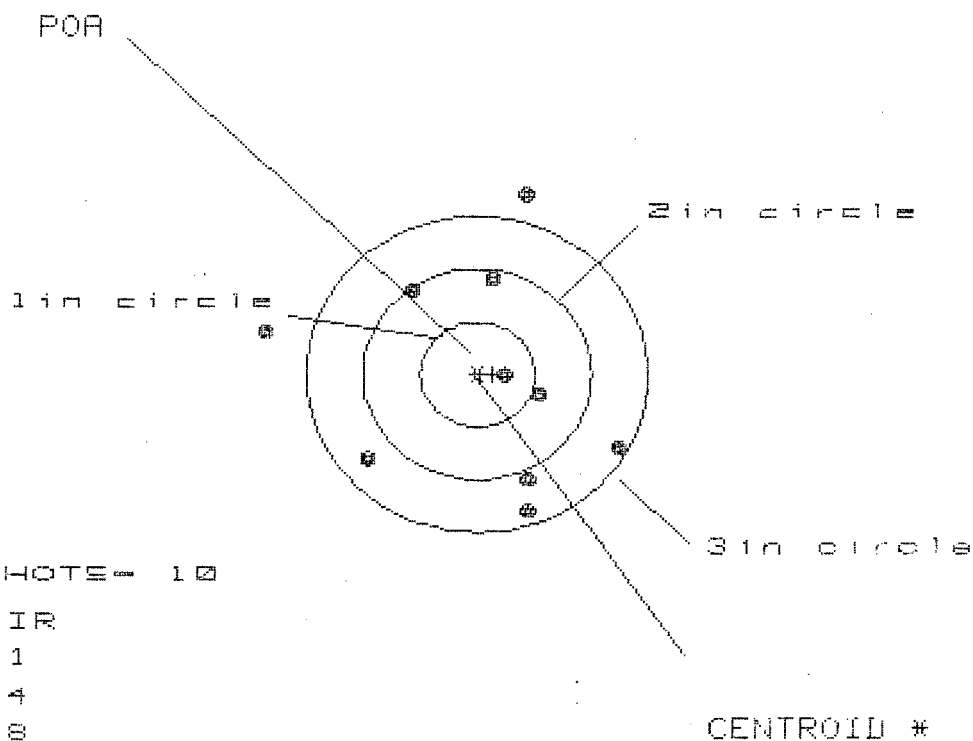
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0258
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0358
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .044128
 THE AMR FOR THIS RIFLE IS: .9502

29 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665701

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1 in - 1

2 in - 4

3 in - 8

HS = 3.054

VS = 2.946

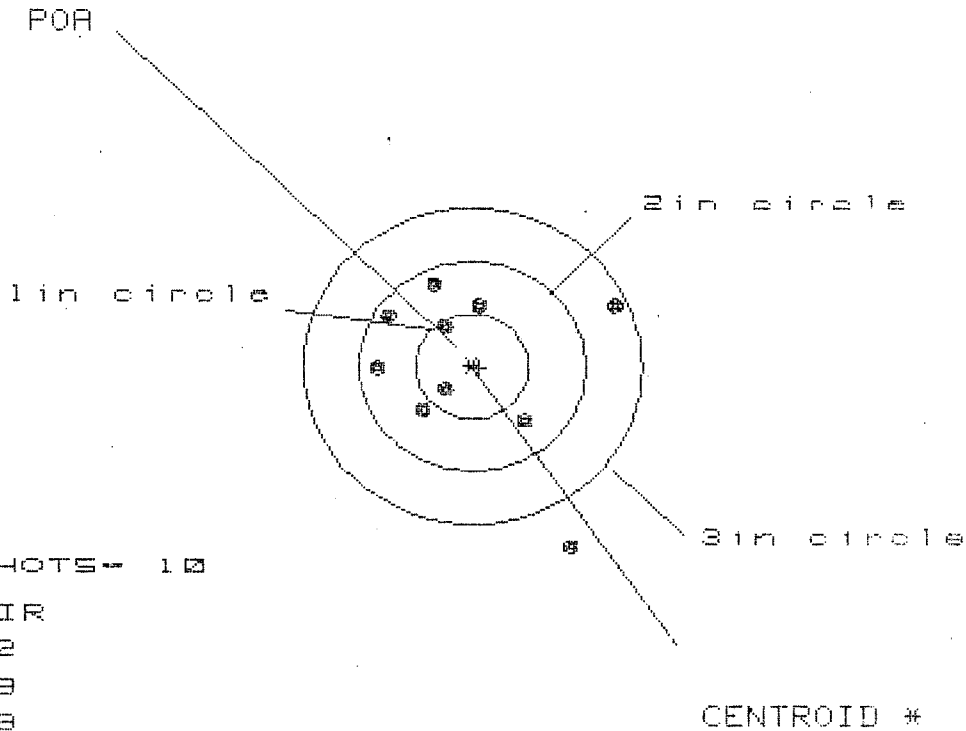
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PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	9
MAXIMUM X	1.197	.990	1.024
MINIMUM X	-1.857	-1.215	-1.181
MAXIMUM Y	1.680	1.728	1.168
MINIMUM Y	-1.266	-1.218	-1.002
CENTROID X	-.137	.070	.036
CENTROID Y	-.006	-.054	-.270
POA TO CENTROID in.	.137	.088	.273
MIN RADIUS	.188	.062	.276
MEAN RADIUS	1.137	1.007	.917
MAX RADIUS	1.908	1.749	1.290
HORIZONTAL SPREAD	3.054	2.205	2.205
VERTICAL SPREAD	2.946	2.946	2.170
EXTREME SPREAD	3.244	2.946	2.314
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

29 Oct 1991

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CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 8

3 in = 9

HS = 2.123

VS = 2.555

GS = 2.815

PATTERN #	2	2	2
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.253	1.351	.773
MINIMUM X	-.870	-.772	-.603
MAXIMUM Y	.833	.641	.690
MINIMUM Y	-1.722	-.684	-.635
CENTROID X	-.060	-.158	-.327
CENTROID Y	.013	.205	.156
POA TO CENTROID in.	.062	.259	.362
MIN RADIUS	.325	.218	.224
MEAN RADIUS	.852	.688	.572
MAX RADIUS	1.933	1.407	1.000
HORIZONTAL SPREAD	2.123	2.123	1.376
VERTICAL SPREAD	2.555	1.325	1.325
EXTREME SPREAD	2.815	2.198	1.553
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	9		

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CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in = 1

2 in = 9

3 in = 10

HS = 1.684

VS = 1.524

GS = 1.873

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.703	.594	.599
MINIMUM X	-.981	-.651	-.646
MAXIMUM Y	.901	.842	.664
MINIMUM Y	-.623	-.682	-.577
CENTROID X	.001	.110	.105
CENTROID Y	-.007	.052	-.053
POA TO CENTROID in.	.007	.122	.118
MIN RADIUS	.361	.292	.396
MEAN RADIUS	.712	.649	.619
MAX RADIUS	1.115	.863	.926
HORIZONTAL SPREAD	1.684	1.245	1.245
VERTICAL SPREAD	1.524	1.524	1.241
EXTREME SPREAD	1.873	1.619	1.476
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		9	
NUMBER IN THREE INCH CIRCLE =		10	

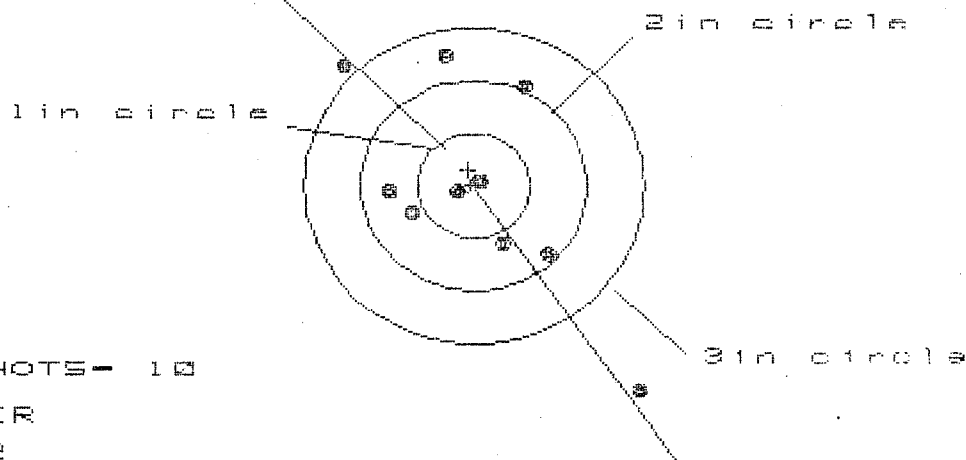
29 Oct 1991

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CENTERFIRE PATTERNS

4

POA



OF SHOTS - 10

IN CIR

1in = 2

2in = 6

3in = 8

HS = 2.646

VS = 3.234

GS = 4.053

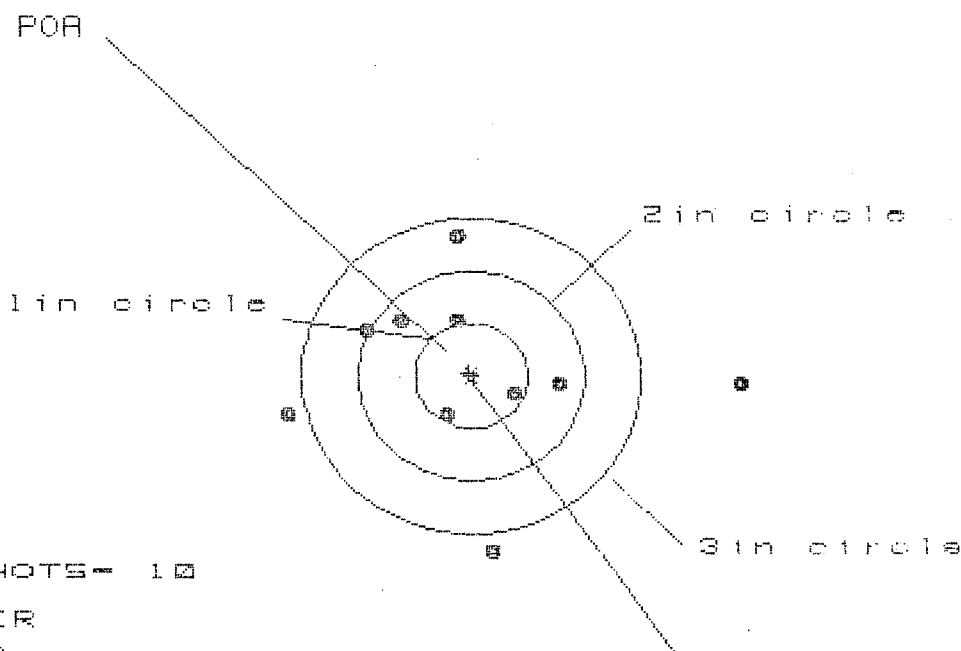
CENTROID *

PATTERN #	:	4
SHOTS (BEST OF)	:	10
MAXIMUM X	:	1.471
MINIMUM X	:	-1.175
MAXIMUM Y	:	1.273
MINIMUM Y	:	-1.961
CENTROID X	:	.047
CENTROID Y	:	-.146
POA TO CENTROID in.	:	.154
MIN RADIUS	:	.068
MEAN RADIUS	:	.941
MAX RADIUS	:	2.452
HORIZONTAL SPREAD	:	2.646
VERTICAL SPREAD	:	3.234
EXTREME SPREAD	:	4.053
NUMBER IN ONE INCH CIRCLE	=	2
NUMBER IN TWO INCH CIRCLE	=	6
NUMBER IN THREE INCH CIRCLE	=	8

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FILE:/PATTERNING/CENTERFIRE_PATT/C6665781

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 7

CENTROID *

HS= 4.068

VS= 2.988

GS= 4.083

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	9
MAXIMUM X	2.409	1.020	.846
MINIMUM X	-1.659	-1.391	-.874
MAXIMUM Y	1.295	1.290	1.239
MINIMUM Y	-1.685	-1.690	-1.741
CENTROID X	.020	-.248	-.074
CENTROID Y	-.033	-.028	.023
POA TO CENTROID in.	.039	.250	.078
MIN RADIUS	.395	.417	.453
MEAN RADIUS	1.109	.949	.866
MAX RADIUS	2.410	1.741	1.758
HORIZONTAL SPREAD	4.068	2.411	1.720
VERTICAL SPREAD	2.988	2.988	2.988
EXTREME SPREAD	4.083	2.984	2.984
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	7		