

C6636154

MODEL 700™ N24

Model **SWS**™

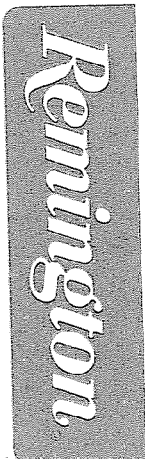
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Remington[®]

MODEL 700TM M24

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

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

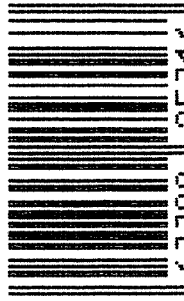
DUPONT
REG. U.S. PAT. & T.M. OFF.

SERIAL NO. C6636154	20
ORDER NO. 5716	



5716 C6636154

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6636154

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	5 2 9 1		RW
600	Proof	5 2 9 1		RW
607	Check Headspace	5 2 9 1		RW
610	Dis-assemble Gun	5 2 9 1		RW
612	Magnaflux Barrel Action	5 8 9 1		Kcd
	Magnaflux Bolt	5 8 9 1		Kcd
615	Rollmark Caliber	5 8 9 1		GB
617	Drill and Tap Sight Holes	5 15 9 1		CB
618	Polish Barrel	5 15 9 1		WB
620	Apply Coatings (Barrel Action)		5/29/91	JS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/30/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/30/91	RW
	C) Inspect Ejector Hole for Chamfer		5/30/91	RW
	D) Oil Firing Pin Ass'y		5/30/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/31/91	JH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			5-31-91	DH
	G) Safety Off Force	2	2	2			5-31-91	DH
	H) Trigger Pull Test & Retainability						5/31/91	JH
	I) Firing Pin Indent	.022	.022	.020			5-31-91	DH
	J) Assemble Stock						6/1/91	RW
	K) Assemble Swivel Studs						6-8-91	DH
	L) Attach Front and Rear Sight Assemblies						6/1/91	RW
	M) Iron Sight Alignment						6/1/91	RW
	N) Detach Front & Rear Sights & place in numbered container						6/1/91	RW
	O) Attach Scope to Rifle						6/1/91	RW
	P) Detach & Attach Scope 20 Times						6/1/91	RW
640	Gallery Target & Test						6-3-91	AC
	A) Time						6-3-91	AC
	B) Malfunctions						6-3-91	AC
	C) Pierced Primers						6-3-91	AC
	D) Optical Clarity of Scope						6-3-91	AC
645	Inspect for Live Ammo						6-3-91	AC
655	Final Inspection							
	A) Headspace						6-8-91	DH
	B) Trigger Pull	2.13	2.15	2.14	2.14	2.18	6-8-91	JH
	C) Function						6-8-91	DH
660	Pack						6-20-91	AF

SWS TRIGGER PULL TEST

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

SERIAL NO. C6636154

DATE 5/31/91

TESTER JH.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.27	2.18	2.28	2.13	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.26	2.48	2.30	2.15	
PULL #3	2.23	2.47	2.26	2.14	
PULL #4	2.23	2.45	2.43	2.14	
PULL #5	2.20	2.27	2.43	2.18	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.47	3.45		
PULL #2	3.60	3.43		
PULL #3	3.70	3.43		
PULL #4	3.27	3.48		
PULL #5	3.47	3.43		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.48	4.40		4.27
PULL #2	4.41	4.39		4.24
PULL #3	4.21	4.30		4.25
PULL #4	4.46	4.29		4.25
PULL #5	4.34	4.26		4.28
TOTAL				
AVG.				

M2400038367

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6636154
3 Jun 1991

CENTROIDAL DISTANCES

0 TO	1	.19799
1 TO	2	.326956
1 TO	3	.0534135
1 TO	4	.573397
1 TO	5	.425229

4
2
4

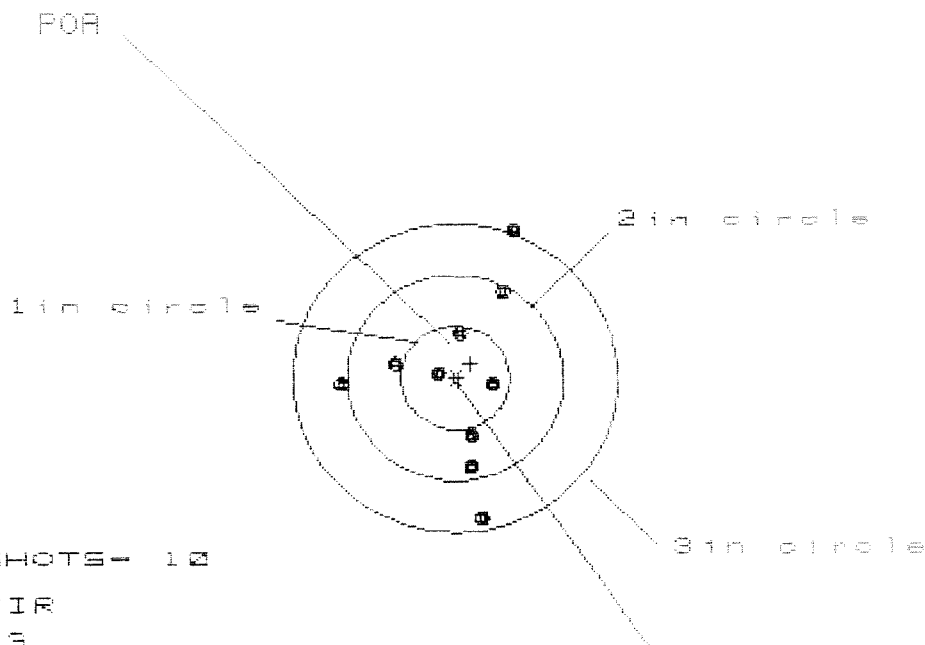
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THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1458
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1284
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .189067
THE AMR FOR THIS RIFLE IS: .822

3 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06636154

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 9

HS= 1.511

VS= 2.741

GS= 2.754

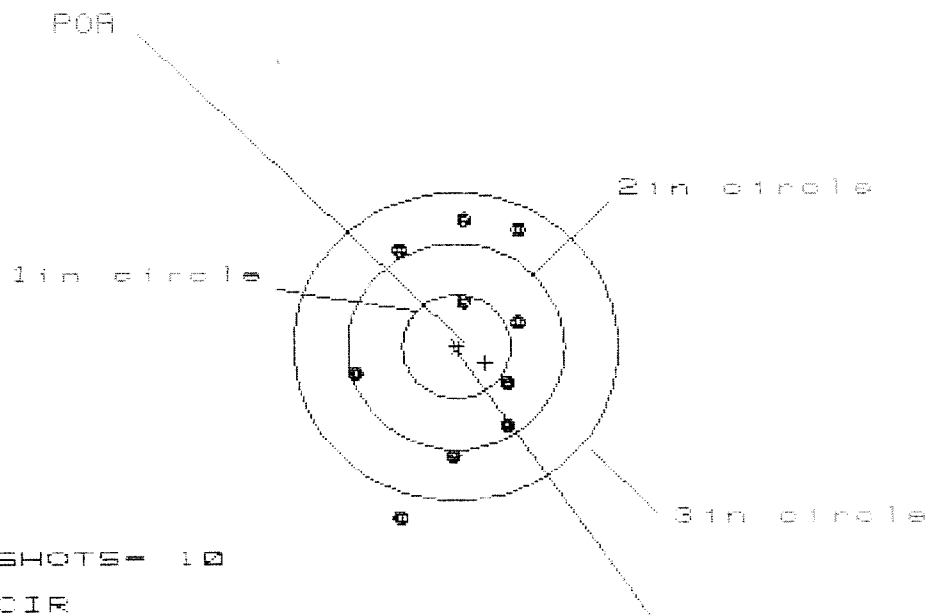
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.494	.468	.503
MINIMUM X	-1.017	-.962	-.927
MAXIMUM Y	1.420	.952	.806
MINIMUM Y	-1.321	-1.163	-.932
CENTROID X	-.140	-.195	-.230
CENTROID Y	-.140	-.298	-.152
POA TO CENTROID in.	.198	.356	.275
MIN RADIUS	.171	.251	.107
MEAN RADIUS	.774	.693	.605
MAX RADIUS	1.503	1.196	.950
HORIZONTAL SPREAD	1.511	1.430	1.430
VERTICAL SPREAD	2.741	2.115	1.638
EXTREME SPREAD	2.754	2.124	1.663
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

3 Jun 1991

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CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 1

2in = 4

3in = 9

HS = 1.529

VS = 2.907

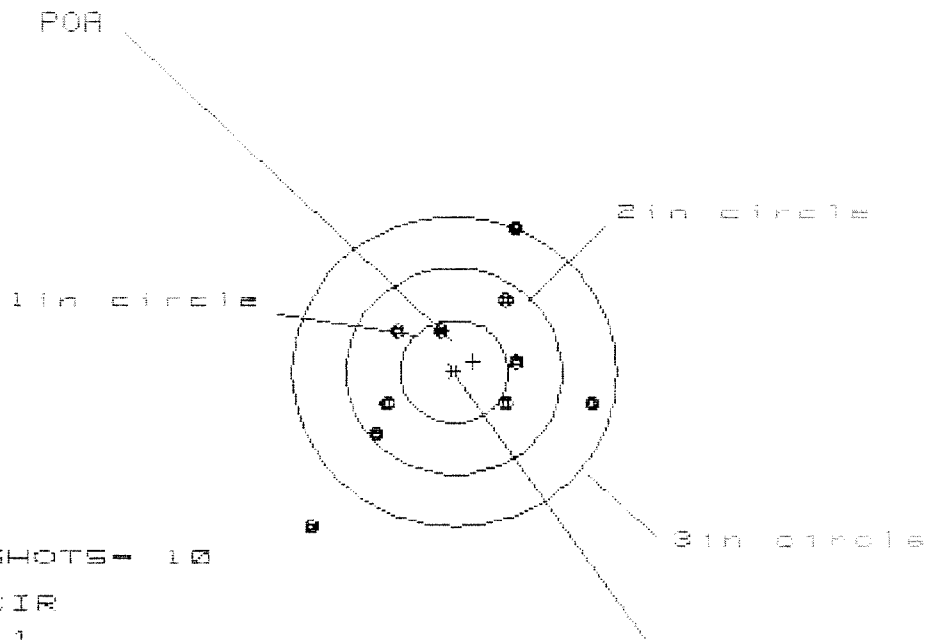
CS = 2.961

PATTERN #	2	2	2
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.552	.494	.491
MINIMUM X	-.977	-1.035	-1.038
MAXIMUM Y	1.266	1.084	1.071
MINIMUM Y	-1.641	-1.264	-1.129
CENTROID X	-.270	-.212	-.210
CENTROID Y	.160	.342	.287
POA TO CENTROID in.	.313	.402	.294
MIN RADIUS	.456	.267	.402
MEAN RADIUS	.985	.876	.848
MAX RADIUS	1.722	1.267	1.170
HORIZONTAL SPREAD	1.529	1.529	1.529
VERTICAL SPREAD	2.907	2.348	2.200
EXTREME SPREAD	2.961	2.349	2.272
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		9	

3 Jun 1991

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CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 7

3 in = 8

HS = 2.598

VS = 2.879

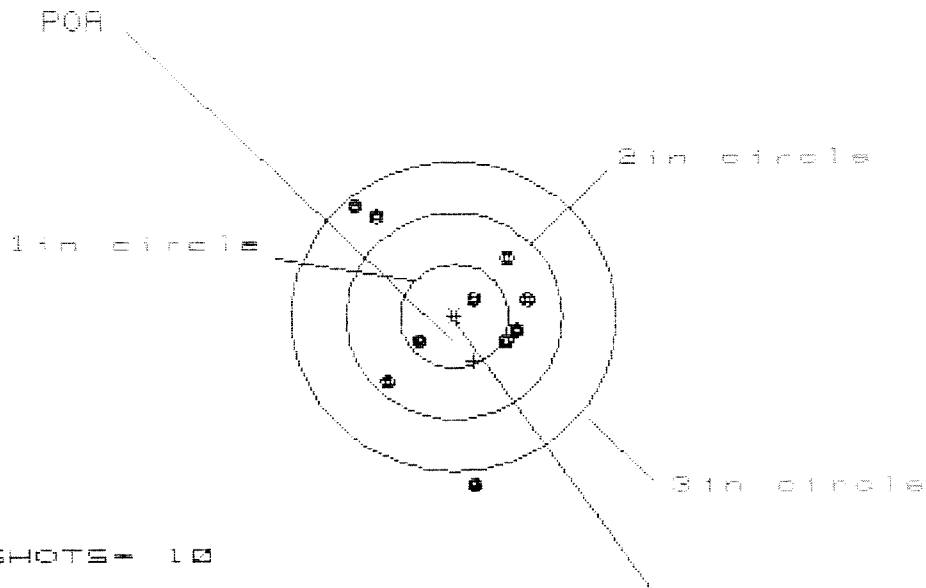
GS = 3.470

PATTERN #	3
3 SHOTS (BEST OF)	10
MAXIMUM X	1.258
MINIMUM X	-1.340
MAXIMUM Y	1.400
MINIMUM Y	-1.479
CENTROID X	-1.173
CENTROID Y	-1.098
POA TO CENTROID in.	.198
MIN RADIUS	.399
MEAN RADIUS	.946
MAX RADIUS	1.996
HORIZONTAL SPREAD	2.598
VERTICAL SPREAD	2.879
EXTREME SPREAD	3.470
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	7
NUMBER IN THREE INCH CIRCLE =	8

3 Jun 1991

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 9

HS= 1.604

VS= 2.694

GS= 2.902

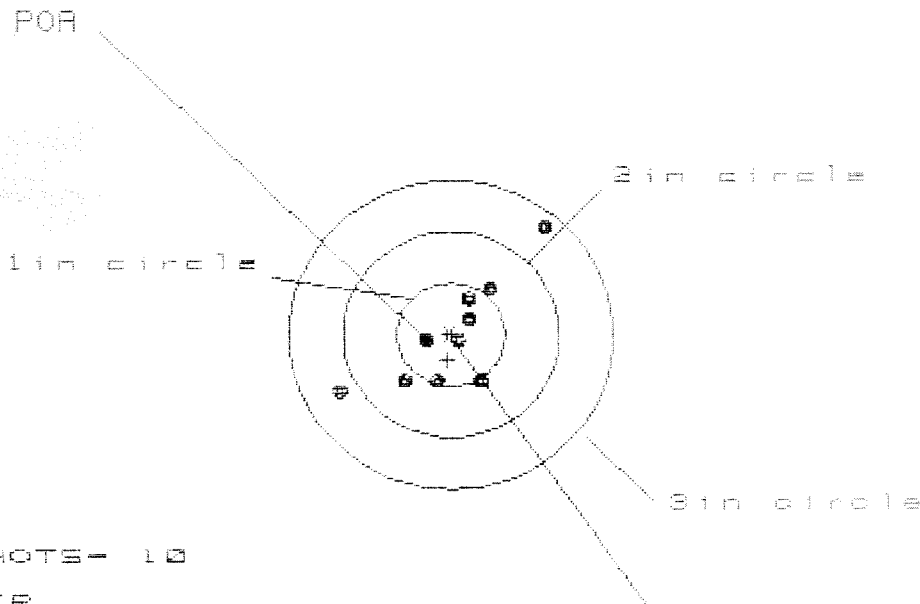
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.688	.706	.594
MINIMUM X	:	-.916	-.898	-.811
MAXIMUM Y	:	1.071	.890	.905
MINIMUM Y	:	-1.623	-.792	-.680
CENTROID X	:	-.180	-.198	-.086
CENTROID Y	:	.432	.613	.501
POA TO CENTROID in.	:	.468	.644	.509
MIN RADIUS	:	.262	.230	.145
MEAN RADIUS	:	.835	.749	.639
MAX RADIUS	:	1.631	1.265	1.215
HORIZONTAL SPREAD	:	1.604	1.604	1.405
VERTICAL SPREAD	:	2.694	1.682	1.585
EXTREME SPREAD	:	2.902	1.925	1.710
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			7	
NUMBER IN THREE INCH CIRCLE =			9	

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 5

2in = 8

3in = 10

HS= 1.857

VS= 1.631

GS= 2.479

CENTROID *

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.823	.488	.369
MINIMUM X	-1.044	-.952	-.462
MAXIMUM Y	1.076	.612	.558
MINIMUM Y	-.555	-.436	-.421
CENTROID X	.034	-.058	.061
CENTROID Y	.248	.129	.183
POR TO CENTROID in.	.250	.141	.193
MIN RADIUS	.042	.142	.030
MEAN RADIUS	.570	.486	.394
MAX RADIUS	1.355	1.047	.669
HORIZONTAL SPREAD	1.867	1.440	.831
VERTICAL SPREAD	1.631	1.040	.979
EXTREME SPREAD	2.479	1.781	1.251
NUMBER IN ONE INCH CIRCLE =	5		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		