

C6649003

MODEL 700™ M24

Model SMS™

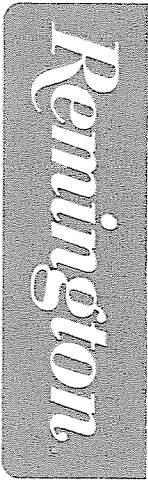
Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

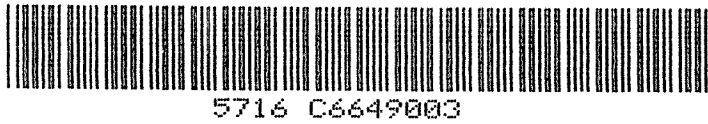


BARBER - M24 0030515

UPC



Remington		DUPONT REG. U.S. PAT. & TM. OFF.	VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700 TM H24		SERIAL NO. C6649003	ORDER NO. 5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.		06	



CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0030515

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6649003

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		7/24/91	KA
600	Proof		7/24/91	KA
607	Check Headspace		7/24/91	KA
610	Dis-assemble Gun		7/24/91	KA
612	Magnaflux Barrel Action		AUG 7 1991	KR
	Magnaflux Bolt		AUG 7 1991	KR
615	Rollmark Caliber		AUG 7 1991	LS
617	Drill and Tap Sight Holes		AUG 7 1991	LB
618	Polish Barrel		AUG 13 1991	WB
620	Apply Coatings (Barrel Action)		8-27-91	KA
	Apply Coating (Bolt)			
625	Final Assembly		9/4/91	KA
	A) Clean inside of Bolt Assembly		9/4/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/4/91	KA
	C) Inspect Ejector Hole for Chamfer		9/4/91	KA
	D) Oil Firing Pin Ass'y		9/4/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		9/9/91	KA

op. #	BARBER M24 0030517	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			9/9/91	JH
	G) Safety Off Force	4	4	4			9/9/91	JH
	H) Trigger Pull Test & Retainability						9-9-91	JH
	I) Firing Pin Indent	1020	10205	1020			9/9/91	JH
	J) Assemble Stock						9/11/91	JH
	K) Assemble Swivel Studs						9/13/91	JH
	L) Attach Front and Rear Sight Assemblies						9/11/91	JH
	M) Iron Sight Alignment						9/11/91	JH
	N) Detach Front & Rear Sights & place in numbered container						9/11/91	JH
	O) Attach Scope to Rifle						9/11/91	JH
	P) Detach & Attach Scope 20 Times						9/11/91	JH
640	Gallery Target & Test						9-12-91	DH
	A) Time						9-12-91	DH
	B) Malfunctions						9-12-91	DH
	C) Pierced Primers						9-12-91	DH
	D) Optical Clarity of Scope						9-12-91	DH
645	Inspect for Live Ammo						9-12-91	DH
655	Final Inspection						9/13/91	JH
	A) Headspace							
	B) Trigger Pull	2.23	2.28	2.24	2.28	2.24	9/13/91	JH
	C) Function						9/13/91	JH
660	Pack						9-19-91	VF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 06649003

DATE 9-9-91

TESTER JY

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.52	2.62	2.45	2.23	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.48	2.51	2.42	2.28	
PULL #3	2.42	2.41	2.44	2.24	
PULL #4	2.48	2.43	2.50	2.28	
PULL #5	2.39	2.42	2.41	2.24	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.64	3.28		
PULL #2	3.22	3.47		
PULL #3	3.57	3.53		
PULL #4	3.59	3.55		
PULL #5	3.51	3.53		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.46	4.45		4.30
PULL #2	4.49	4.31		4.30
PULL #3	4.28	4.44		4.43
PULL #4	4.42	4.40		4.20
PULL #5	4.40	4.45		4.29
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06649003
12 Sep 1991

CENTROIDAL DISTANCES

0 TO 1	.129619
1 TO 2	.247386
1 TO 3	.0234094
1 TO 4	.261842
1 TO 5	.570419

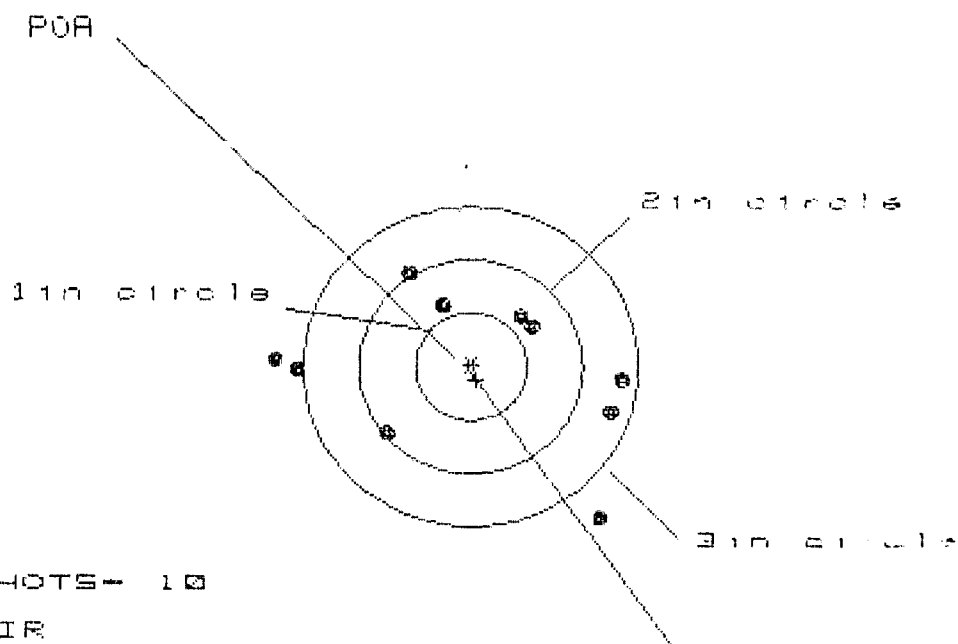
⁵
24 (----POB

THE AVERAGE COORDINATE FOR THIS RIFLE IS: -1.011
THE AVERAGE COORDINATE FOR THIS RIFLE IS: .1000
THE AVERAGE POI RADIUS FOR THIS RIFLE IS: .1000
THE AVERAGE POI RADIUS FOR THIS RIFLE IS: .9466

12 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06649003

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 0

2in = 4

3in = 7

HS= 3.097

VS= 2.258

GS= 3.275

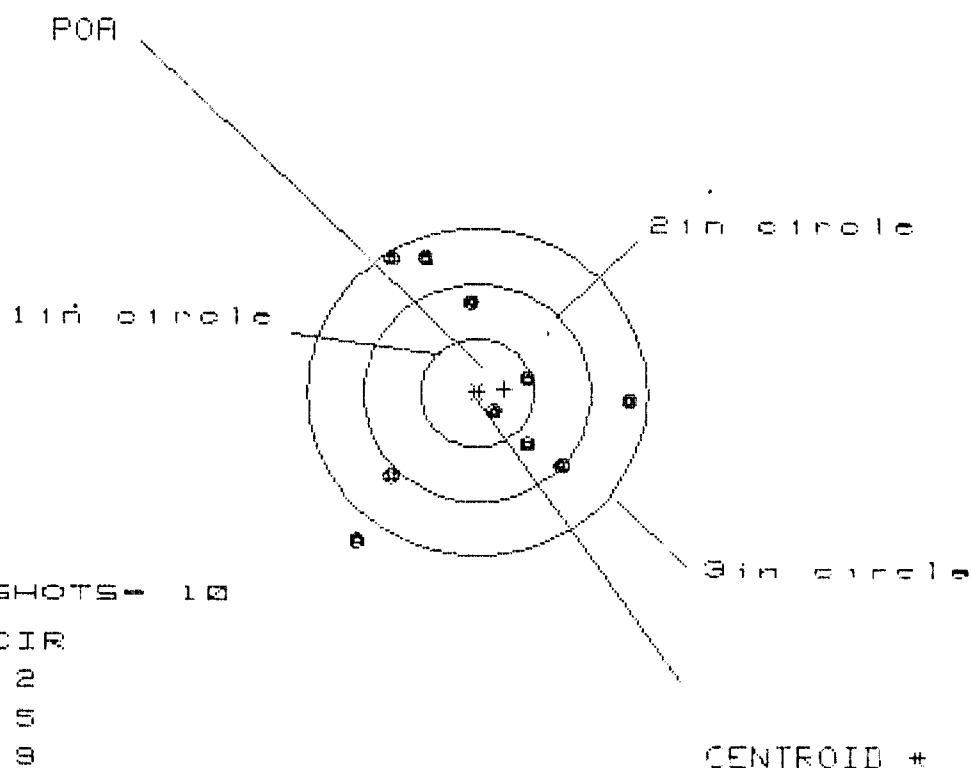
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.391	1.525	1.328
MINIMUM X	-1.706	-1.572	-1.591
MAXIMUM Y	.871	.717	.714
MINIMUM Y	-1.387	-.741	-.744
CENTROID X	-.049	-.182	-.015
CENTROID Y	.120	.274	.271
OFF TO CENTROID in.	.129	.329	.271
HS	.624	.476	.466
VS	1.171	1.069	.951
GS	1.832	1.573	1.579
MAX SPREAD	3.097	3.097	3.409
VS SPREAD	2.258	1.458	1.457
GS SPREAD	3.275	3.105	2.910
1 INCH CIRCLE	= 0		
2 INCH CIRCLE	= 4		
3 INCH CIRCLE	= 7		

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 9

HS= 2.471

VS= 2.681

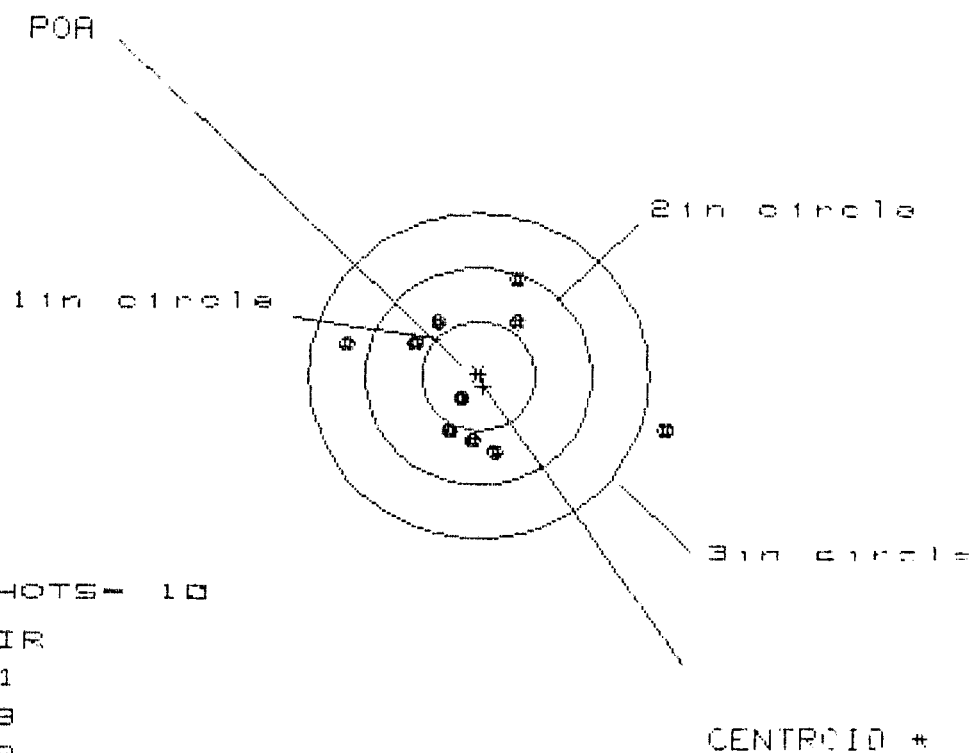
GS= 2.824

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.372	1.250	1.145
MINIMUM X	:	-1.099	-0.896	-1.001
MAXIMUM Y	:	1.268	1.110	1.207
MINIMUM Y	:	-1.413	-0.890	-0.751
CENTROID X	:	-0.241	-0.119	-0.014
CENTROID Y	:	-0.036	0.122	-0.017
POA TO CENTROID in.	:	0.244	0.170	0.022
MIN RADIUS	:	0.237	0.300	0.202
100% RADIUS	:	1.016	0.915	0.809
90% SPREAD	:	1.790	1.391	1.245
80% SPREAD	:	2.471	2.146	2.145
75% SPREAD	:	2.681	2.000	1.95
60% SPREAD	:	2.824	2.466	2.25
SHOTS IN ONE INCH CIRCLE	=		2	
SHOTS IN TWO INCH CIRCLE	=		5	
SHOTS IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 8

3 in = 9

HS= 2.802

VS= 1.641

GS= 2.912

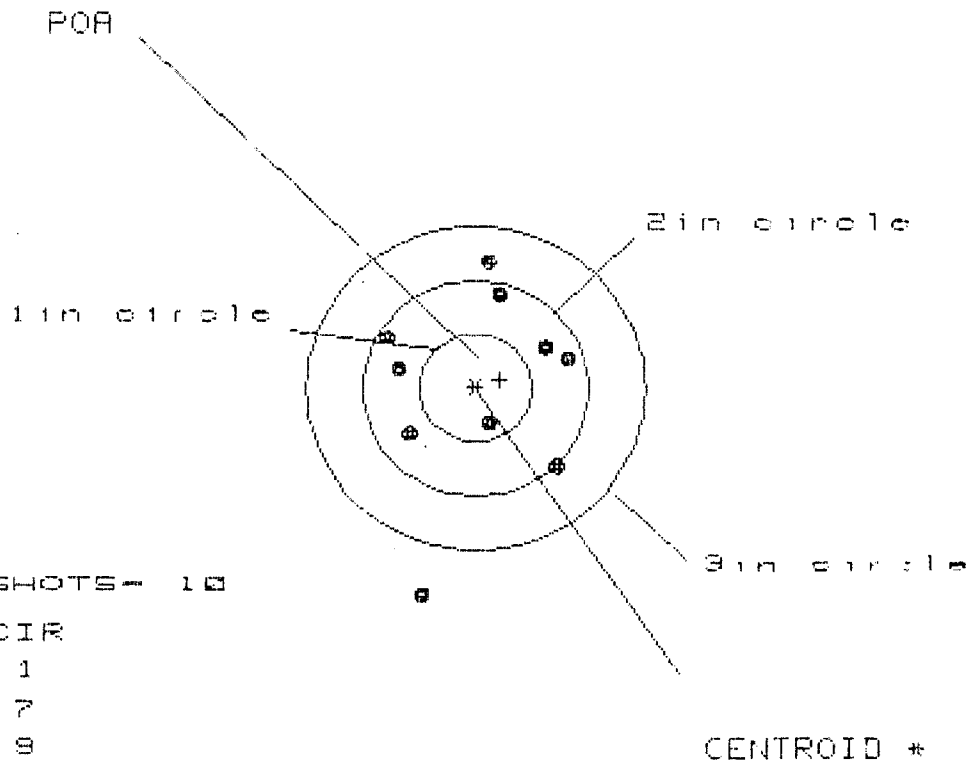
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.670	.559	.441
MINIMUM X	:	-1.132	-.946	-.500
MAXIMUM Y	:	.920	.868	.901
MINIMUM Y	:	-.721	-.773	-.740
CENTROID X	:	-.041	-.227	-.109
CENTROID Y	:	.098	.150	.117
POR TO CENTROID in.	:	.106	.272	.159
MIN RADIUS	:	.277	.281	.262
MEAN RADIUS	:	.791	.662	.617
MAX RADIUS	:	1.736	1.011	.906
HORIZONTAL SPREAD	:	2.802	1.505	.941
VERTICAL SPREAD	:	1.641	1.641	1.741
EXTREME SPREAD	:	2.912	1.655	1.655
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

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FILE: PATTERNING/CENTERFIRE_PATT/C6649003

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1in = 1

2in = 7

3in = 9

HS = 1.655

VS = 3.061

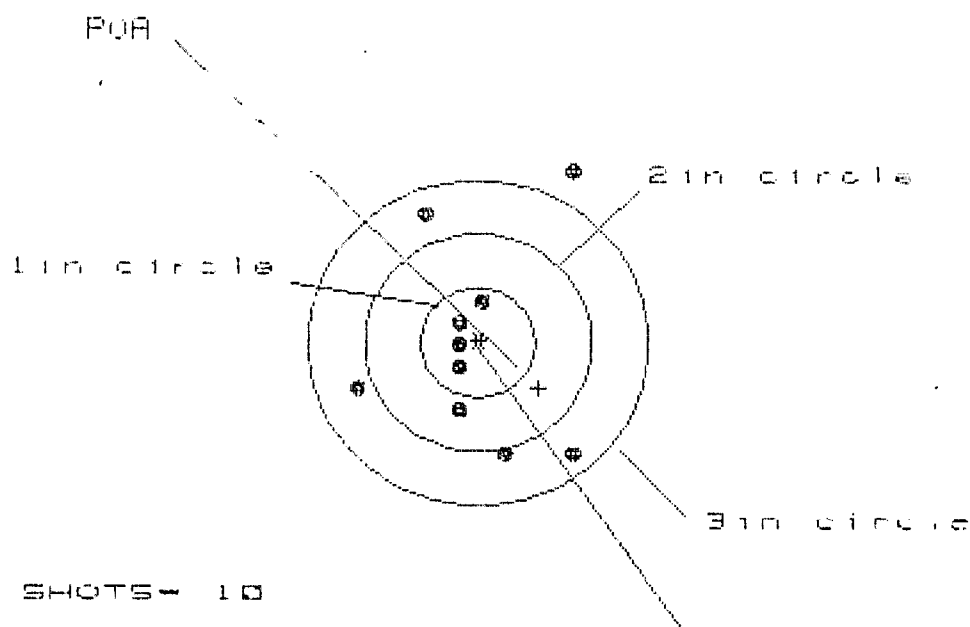
GS = 3.111

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.857	.804	.807
MINIMUM X	:	-.798	-.851	-.848
MAXIMUM Y	:	1.145	.932	.767
MINIMUM Y	:	-1.916	-.909	-.793
CENTROID X	:	-.218	-.165	-.168
CENTROID Y	:	-.080	.133	.017
POA TO CENTROID in.	:	.232	.212	.169
MIN RADIUS	:	.329	.531	.416
MEAN RADIUS	:	.936	.802	.778
MAX RADIUS	:	1.975	1.141	1.051
HORIZONTAL SPREAD	:	1.655	1.655	1.655
VERTICAL SPREAD	:	3.061	1.841	1.560
EXTREME SPREAD	:	3.111	1.957	1.936
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	9		

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 5

3 in = 9

HS= 1.888

VS= 2.586

GS= 2.693

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	.884
MINIMUM X	-1.014
MAXIMUM Y	1.543
MINIMUM Y	-1.043
CENTROID X	-.536
CENTROID Y	.417
POA TO CENTROID IN.	.679
MIN RADIO	.151
MEAN RADIO	.819
MAX RADIO	1.775
HORIZONTAL SPREAD	1.898
VERTICAL SPREAD	2.586
EXTREME SPREAD	2.693
NUMBER IN ONE INCH CIRCLE	4
NUMBER IN TWO INCH CIRCLE	5
NUMBER IN THREE INCH CIRCLE	9