

C6349037

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Remington®

MODEL 700™ H24

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

UPPONT
REG. U.S. PAT. & TM. OFF.

SERIAL NO.
C6349037

ORDER NO.
5716

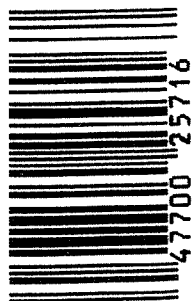
MADE IN ILLION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

01

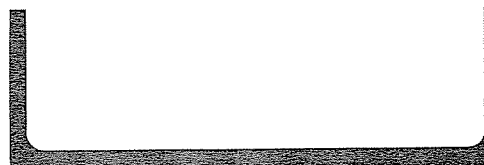


5716 C6349037

UPC



0 47700 25716 7



RC-30
Replace

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349037

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1 12	90	RW
600	Proof	1 12	90	\$
607	Check Headspace	1 12	90	\$
610	Dis-assemble Gun	1 12	90	RW
612	Magnaflux Barrel Action	1-16-90		KCR
	Magnaflux Bolt	1-17-90		KCR
615	Rollmark Caliber		1/10/90	GS
617	Drill and Tap Sight Holes		1/19/90	FB
618	Polish Barrel RB		1/28/90	WB
620	Apply Coatings (Barrel Action)		2-20-90	TA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/12/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/2/90	RW
	C) Inspect Ejector Hole for Chamfer		2/2/90	RW
	D) Oil Firing Pin Ass'y		2/2/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2-8-90	JM

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5 1/2	5 1/2	5 1/2			2/8/90	WB
	G) Safety Off Force	2	2	2			2/8/90	WB
	H) Trigger Pull Test & Retainability						2-8-90	JL
	I) Firing Pin Indent	.0212	.0215	.0212			2/8/90	WB
	J) Assemble Stock						3/14/90	RW
	K) Assemble Swivel Studs						16 MAR 90	JS
	L) Attach Front and Rear Sight Assemblies						3/14/90	RW
	M) Iron Sight Alignment						3/14/90	RW
	N) Detach Front & Rear Sights & place in numbered container						3/14/90	RW
	O) Attach Scope to Rifle						14 MAR 90	JS
	P) Detach & Attach Scope 20 Times						14 MAR 90	JS
640	Gallery Target & Test						3-15-90	AC
	A) Time						11	AC
	B) Malfunctions						11	AC
	C) Pierced Primers						11	AC
	D) Optical Clarity of Scope						11	AC
645	Inspect for Live Ammo						3-15-90	AC
655	Final Inspection							
	A) Headspace						16 MAR 90	JS
	B) Trigger Pull	278	273	275	279	276	16 MAR 90	JS
	C) Function						16 MAR 90	JS
660	Pack						20 MAR 90	JS

SWS TRIGGER PULL TEST

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

SERIAL NO C6349037
DATE 2-8-90
TESTER JAL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.40	2.15	2.34	2.78	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.14	2.12	2.40	2.73	
PULL #3	2.18	2.46	2.43	2.75	
PULL #4	2.13	2.37	2.41	2.79	
PULL #5	2.21	2.41	2.31	2.76	
TOTAL	11.06	11.51	11.89	1381	
AVG.	2.212	2.302	2.378	2.782	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.16	3.28		
PULL #2	3.22	3.30		
PULL #3	3.30	3.40		
PULL #4	3.33	3.29		
PULL #5	3.28	3.35		
TOTAL	16.29	16.62		
AVG.	3.258	3.324		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.33	4.42		4.54
PULL #2	4.39	4.40		4.55
PULL #3	4.41	4.43		4.36
PULL #4	4.40	4.46		4.45
PULL #5	4.41	4.36		4.41
TOTAL	21.94	22.07		22.31
AVG.	4.388	4.414		4.462

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349837
15 Mar 1990

CENTROIDAL DISTANCES

0 TO 1	.24891
1 TO 2	.184024
1 TO 3	.326339
1 TO 4	.261905
1 TO 5	.427454

4/5 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.019
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .9284
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0341596

THE AMR FOR THIS RIFLE IS: .6924

15 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8349037

CENTERFIRE PATTERNS

1

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 4

2in = 6

3in = 9

HS= 2.548

VS= 1.671

GS= 2.791

CENTROID *

PATTERN #

SHOTS (BEST OF)

MAXIMUM X

MINIMUM X

MAXIMUM Y

MINIMUM Y

CENTROID X

CENTROID Y

POA TO CENTROID in.

MIN RADIUS

MEAN RADIUS

MAX RADIUS

HORIZONTAL SPREAD

VERTICAL SPREAD

EXTREME SPREAD

NUMBER IN ONE INCH CIRCLE =

NUMBER IN TWO INCH CIRCLE =

NUMBER IN THREE INCH CIRCLE =

10

9

8

.979

.805

.797

-1.569

-.660

-.560

.738

.789

.710

-.933

-.882

-.961

.066

.240

.140

.240

.189

.268

.249

.306

.302

.300

.293

.238

.791

.692

.622

1.635

1.066

1.083

2.548

1.465

1.357

1.671

1.671

1.671

2.791

2.115

2.115

4

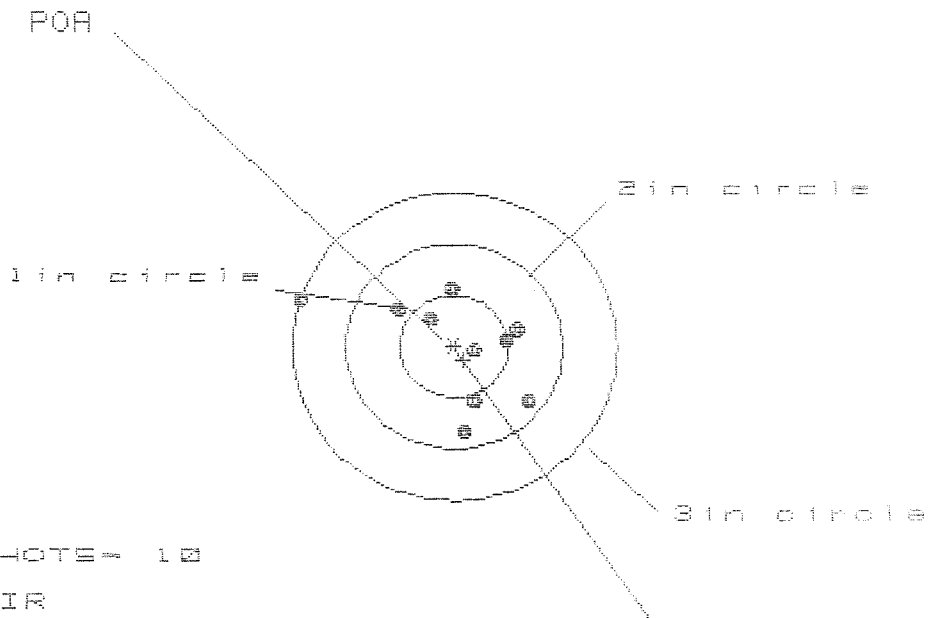
6

9

15 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06348037

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 9

3 in = 10

HE= 2.051

VS= 1.417

GS= 2.294

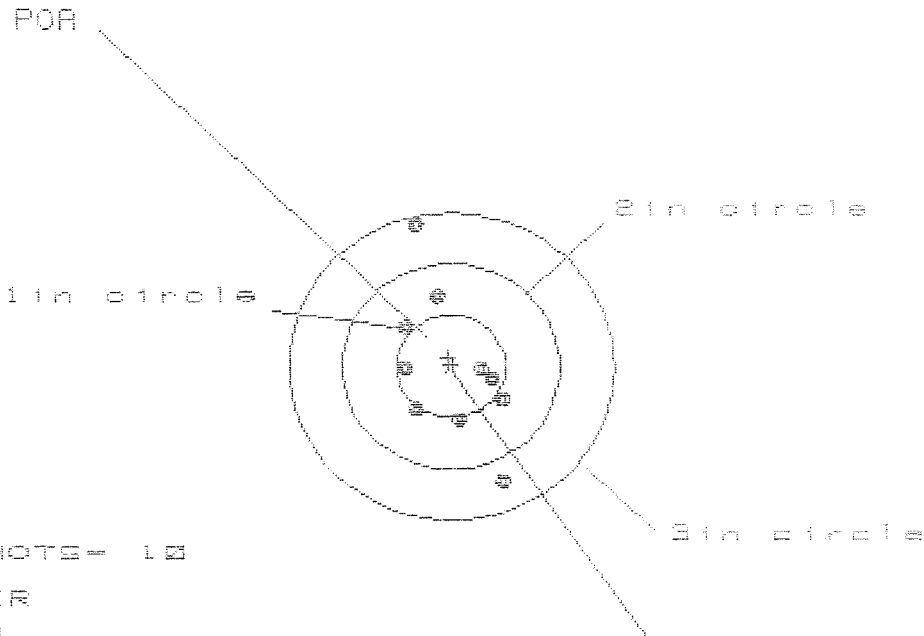
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.672	.518	.481
MINIMUM X	-1.379	-.706	-.641
MAXIMUM Y	.597	.653	.595
MINIMUM Y	-.820	-.764	-.822
CENTROID X	-.083	.071	.006
CENTROID Y	.132	.076	.134
POA TO CENTROID in.	.155	.103	.134
MIN RADIUS	.217	.066	.131
MEAN RADIUS	.662	.539	.521
MAX RADIUS	1.469	.805	.822
HORIZONTAL SPREAD	2.051	1.224	1.122
VERTICAL SPREAD	1.417	1.417	1.417
EXTREME SPREAD	2.294	1.492	1.419
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		9	
NUMBER IN THREE INCH CIRCLE =		10	

15 Mar 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06349037

CENTERFIRE PATTERNS # 3



OF SHOTS= 10
 # IN CIR
 1in = 3
 2in = 8
 3in = 10
 HSI= .901
 VSI= 2.501
 GSI= 2.608

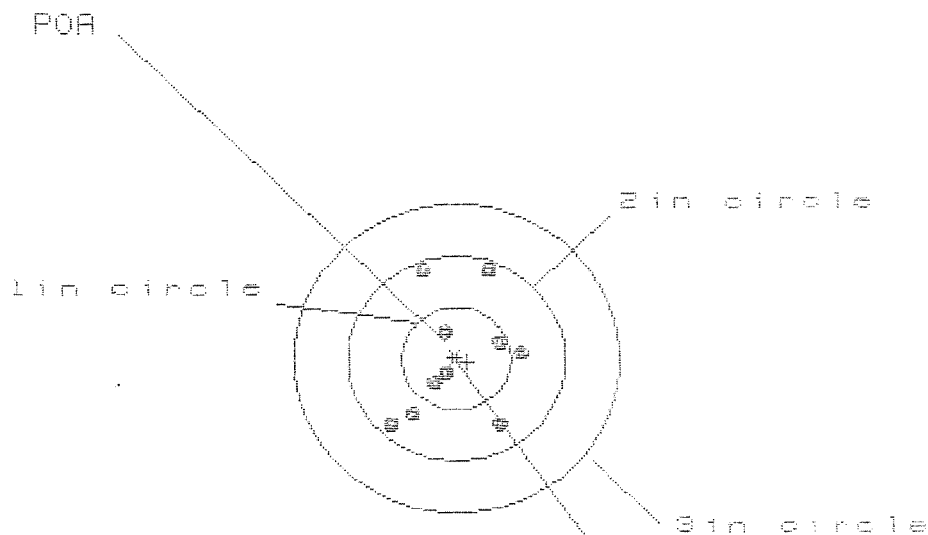
CENTROID *

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.450	.418	.464
MINIMUM X	-.451	-.483	-.431
MAXIMUM Y	1.412	.824	.708
MINIMUM Y	-1.089	-.932	-.503
CENTROID X	.027	.059	.087
CENTROID Y	-.084	-.240	-.124
POA TO CENTROID in.	.088	.248	.124
MIN RADIUS	.313	.302	.333
MEAN RADIUS	.653	.545	.486
MAX RADIUS	1.442	1.021	.714
HORIZONTAL SPREAD	.901	.901	.895
VERTICAL SPREAD	2.501	1.755	1.211
EXTREME SPREAD	2.608	1.843	1.222
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	

15 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8349037

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1in = 4

2in = 10

3in = 10

HS = 1.120

VS = 1.559

GS = 1.716

CENTROID #

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.553	.581	.541
MINIMUM X	-.567	-.539	-.579
MAXIMUM Y	.875	.928	.524
MINIMUM Y	-.684	-.587	-.471
CENTROID X	-.097	-.125	-.085
CENTROID Y	.035	-.062	-.178
POA TO CENTROID in.	.104	.140	.197
MIN RADIUS	.197	.111	.149
MEAN RADIUS	.590	.538	.478
MAX RADIUS	.910	.983	.716
HORIZONTAL SPREAD	1.120	1.120	1.120
VERTICAL SPREAD	1.559	1.515	.995
EXTREME SPREAD	1.716	1.699	1.313
NUMBER IN ONE INCH CIRCLE	= 4		
NUMBER IN TWO INCH CIRCLE	= 10		
NUMBER IN THREE INCH CIRCLE	= 10		

15 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06349037

CENTERFIRE PATTERNS

5

POA

1 in circle

2 in circle

3 in circle

OF SHOTS= 10

IN CIR

1 in = 2

2 in = 8

3 in = 10

HS= 1.330

VS= 2.361

GS= 2.424

CENTROID #

PATTERN #	1	5	9	8
SHOTS (BEST OF)	10		9	8
MAXIMUM X	.599	.543	.543	.557
MINIMUM X	-.731	-.664	-.664	-.650
MAXIMUM Y	.997	.845	.845	.583
MINIMUM Y	-1.364	-.862	-.862	-.756
CENTROID X	-.088	-.075	-.075	-.089
CENTROID Y	-.181	-.029	-.029	-.135
POA TO CENTROID in.	.181	.080	.080	.162
MIN RADIUS	.437	.276	.276	.356
MEAN RADIUS	.766	.662	.662	.633
MAX RADIUS	1.490	.982	.982	.899
HORIZONTAL SPREAD	1.330	1.207	1.207	1.207
VERTICAL SPREAD	2.361	1.707	1.707	1.339
EXTREME SPREAD	2.424	1.743	1.743	1.706
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	9		
NUMBER IN THREE INCH CIRCLE	=	10		