

C6349025

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington




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

MODEL 700TM H24

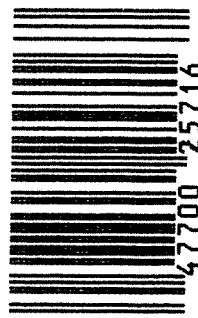
SERIAL NO.
C6349025

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

ORDER NO.
5716

Ø1

UPC



0 47700 25716 7



5716 C6349025

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349025

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	3 31	90	RW
600	Proof	3 31	90	RW
607	Check Headspace	3 31	90	RW
610	Dis-assemble Gun	3 31	90	RW
612	Magnaflux Barrel Action	4-2-90		KCR
	Magnaflux Bolt	4-2-90		KCR
615	Rollmark Caliber	4-2-90		SL
617	Drill and Tap Sight Holes		4/4/90	KCB
618	Polish Barrel RWB		4/5/90	WB
620	Apply Coatings (Barrel Action)		4-9-90	TA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/18/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/18/90	RW
	C) Inspect Ejector Hole for Chamfer		4/18/90	RW
	D) Oil Firing Pin Ass'y		4/18/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/1/90	SL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			5/2/90	JL
	G) Safety Off Force	2	2	2			5/2/90	JL
	H) Trigger Pull Test & Retainability						5/1/90	JL
	I) Firing Pin Indent	.020	.020	.020			5/2/90	JL
	J) Assemble Stock						5/2/90	RW
	K) Assemble Swivel Studs						5/8/90	WB
	L) Attach Front and Rear Sight Assemblies						5/2/90	RW
	M) Iron Sight Alignment						5/2/90	RW
	N) Detach Front & Rear Sights & place in numbered container						5/2/90	RW
	O) Attach Scope to Rifle						5/2/90	JL
	P) Detach & Attach Scope 20 Times						5/2/90	JL
640	Gallery Target & Test						5-30-90	DH
	A) Time						5-3-90	DH
	B) Malfunctions						5-3-90	DH
	C) Pierced Primers						5-3-90	DH
	D) Optical Clarity of Scope						5-3-90	DH
645	Inspect for Live Ammo						5-3-90	DH
655	Final Inspection A) Headspace						5/8/90	WB
	B) Trigger Pull	2.42	2.38	2.46	2.48	2.31	5/7/90	WB
	C) Function						5/8/90	WB
660	Pack						6-9-90	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6349025DATE 5/1/90TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.27	2.35	2.44	2.42	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.55	2.46	2.38	2.38	
PULL #3	2.21	2.46	2.32	2.46	
PULL #4	2.48	2.55	2.38	2.48	
PULL #5	2.40	2.37	2.41	2.31	
TOTAL	11.91	12.19	11.93		
AVG.	2.382	2.438	2.386		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.52	3.53		
PULL #2	3.52	3.52		
PULL #3	3.36	3.28		
PULL #4	3.51	3.42		
PULL #5	3.42	3.51		
TOTAL	17.33	17.26		
AVG.	3.466	3.452		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.21	4.25		4.39
PULL #2	4.21	4.31		4.44
PULL #3	4.21	4.47		4.43
PULL #4	4.18	4.43		4.47
PULL #5	4.11	4.48		4.39
TOTAL	20.92	21.94		22.12
AVG.	4.184	4.388		4.424

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349025
4 May 1990

CENTROIDAL DISTANCES

0 TO	1	.459619
1 TO	2	.332633
1 TO	3	.410946
1 TO	4	.232355
1 TO	5	.544008

#1 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2208
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0968
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .241087
THE AMR FOR THIS RIFLE IS: .9434

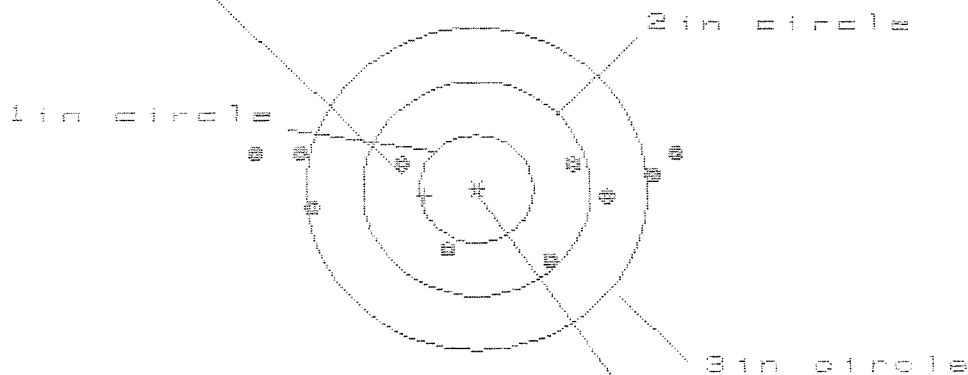
4 May 1990

FILE:/PATTERNING/CENTERFIRE_PATT/08349025

CENTERFIRE PATTERNS

1

POA



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 4

3 in = 6

HS= 3.643

VS= 1.027

GS= 3.643

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.697	1.481	1.526
MINIMUM X	-1.946	-1.775	-1.590
MAXIMUM Y	.329	.336	.378
MINIMUM Y	-.698	-.661	-.619
CENTROID X	.455	.671	.486
CENTROID Y	.065	.028	-.014
POA TO CENTROID in.	.460	.672	.486
MIN RADIUS	.652	.654	.599
MEAN RADIUS	1.268	1.162	1.116
MAX RADIUS	1.974	1.807	1.634
HORIZONTAL SPREAD	3.643	3.256	3.116
VERTICAL SPREAD	1.027	.997	.997
EXTREME SPREAD	3.643	3.256	3.119
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		6	

4 May 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C8349025

CENTERFIRE PATTERNS

2

POB

1 in circle

2 in circle

3 in circle

OF SHOTS= 10

IN CIR

1 in = 2

2 in = 8

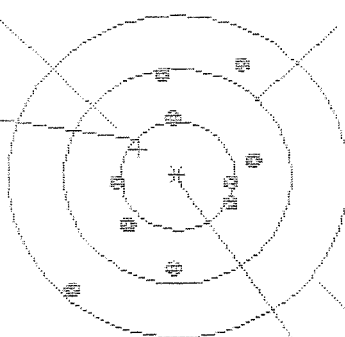
3 in = 10

HS= 1.530

VS= 2.116

GS= 2.554

CENTROID *



PATTERN #

2

SHOTS (BEST OF)

10

9

8

MAXIMUM X

:

.623

.523

.575

MINIMUM X

:

-.907

-.610

-.558

MAXIMUM Y

:

1.040

.920

.978

MINIMUM Y

:

-1.076

-.925

-.809

CENTROID X

:

.337

.437

.385

CENTROID Y

:

-.246

-.126

-.241

POB TO CENTROID in.

:

.417

.455

.454

MIN RADIUS

:

.457

.382

.409

MEAN RADIUS

:

.766

.679

.631

MAX RADIUS

:

1.407

1.013

.990

HORIZONTAL SPREAD

:

1.530

1.133

1.133

VERTICAL SPREAD

:

2.116

1.845

1.787

EXTREME SPREAD

:

2.554

1.915

1.791

NUMBER IN ONE

INCH CIRCLE

=

2

NUMBER IN TWO

INCH CIRCLE

=

8

NUMBER IN THREE

INCH CIRCLE

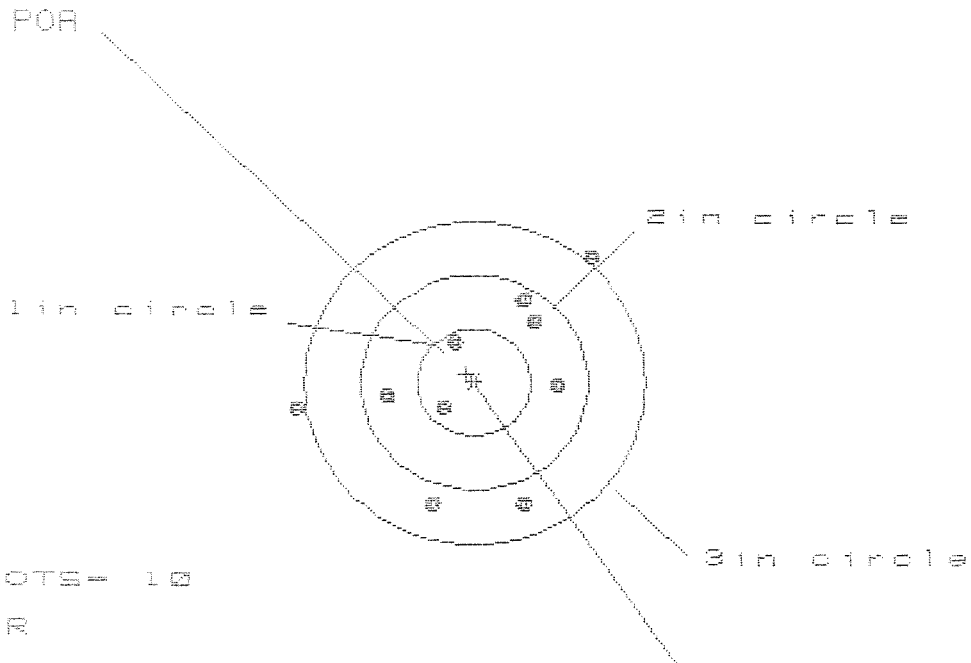
=

10

4 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08349025

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

HS= 2.509

VS= 2.326

GS= 2.854

CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.986	.816	.694
MINIMUM X	:	-1.523	-.901	-.798
MAXIMUM Y	:	1.154	1.131	.921
MINIMUM Y	:	-1.172	-1.195	-1.054
CENTROID X	:	.069	.239	.137
CENTROID Y	:	-.076	-.053	-.194
POA TO CENTROID in.	:	.103	.244	.237
MIN RADIUS	:	.387	.489	.387
MEAN RADIUS	:	.950	.883	.812
MAX RADIUS	:	1.537	1.395	1.135
HORIZONTAL SPREAD	:	2.509	1.717	1.493
VERTICAL SPREAD	:	2.326	2.326	1.975
EXTREME SPREAD	:	2.854	2.684	2.132
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

4 May 1990

FILE:/PATTERNING/CENTERFIRE_PATT/08349025

CENTERFIRE PATTERNS

4

POB

1 in circle

2 in circle

3 in circle

OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS= 2.684

VS= 1.566

GS= 2.702

CENTROID *

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.174	1.006	1.088
MINIMUM X	-1.510	-1.292	-1.210
MAXIMUM Y	.972	.938	.532
MINIMUM Y	-.594	-.628	-.511
CENTROID X	.225	.393	.311
CENTROID Y	.032	.066	-.051
POB TO CENTROID in.	.227	.398	.315
MIN RADIUS	.410	.306	.327
MEAN RADIUS	.890	.812	.752
MAX RADIUS	1.541	1.341	1.234
HORIZONTAL SPREAD	2.684	2.298	2.298
VERTICAL SPREAD	1.566	1.566	1.043
EXTREME SPREAD	2.702	2.341	2.339
NUMBER IN ONE INCH CIRCLE	= 2		
NUMBER IN TWO INCH CIRCLE	= 5		
NUMBER IN THREE INCH CIRCLE	= 9		

4 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6349025

CENTERFIRE PATTERNS # 5

FOR

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 10

HS= 1.826

VS= 2.257

GS= 2.453

CENTROID #

PATTERN #	5	6	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.743	.762	.671
MINIMUM X	-1.083	-1.001	-1.092
MAXIMUM Y	1.294	1.029	.758
MINIMUM Y	-.963	-.819	-.691
CENTROID X	.018	-.064	.027
CENTROID Y	-.259	-.403	-.531
FOR TO CENTROID in.	.260	.408	.532
MIN RADIUS	.083	.240	.316
MEAN RADIUS	.843	.767	.685
MAX RADIUS	1.492	1.262	1.093
HORIZONTAL SPREAD	1.826	1.763	1.763
VERTICAL SPREAD	2.257	1.848	1.449
EXTREME SPREAD	2.453	1.945	1.933
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	