

C6349157

MODEL 700TM M24

Model **SWS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Smead

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

M2400109023

Remington®

MODEL 700™ H24

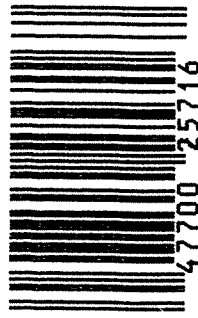
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

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

REMINGTON-UMC
REG. U.S. PAT. & T.M. OFF.

SERIAL NO. C6349157
ORDER NO. 5716

UPC



0 47700 25716 7



5716 C6349157

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349157

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	5 2	90	RW
600	Proof	5 2	90	RW
607	Check Headspace	5 2	90	RW
610	Dis-assemble Gun	5 2	90	RW
612	Magnaflux Barrel Action	5-8-90		KCR
	Magnaflux Bolt	5-8-90		KCR
615	Rollmark Caliber		5/8/90	GS
617	Drill and Tap Sight Holes		5/9/90	F-B
618	Polish Barrel RB		5/10/90	WLB
620	Apply Coatings (Barrel Action)		5/16/90	TH
	Apply Coating (Bolt)		5/16/90	TH
625	Final Assembly A) Clean inside of Bolt Assembly		5/18/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/18/90	RW
	C) Inspect Ejector Hole for Chamfer		5/18/90	RW
	D) Oil Firing Pin Ass'y		5/18/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/23/90	GM

op. #	OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	3 ³ / ₄	3 ¹ / ₂	3 ³ / ₄	5/23/90	WB		
	G) Safety Off Force	2 ¹ / ₄	2 ¹ / ₄	2 ¹ / ₄	5/23/90	WB		
	H) Trigger Pull Test & Retainability				5/23/90	g/f		
	I) Firing Pin Indent	.024	.024	.024	5/23/90	WB		
	J) Assemble Stock				5/23/90	RW		
	K) Assemble Swivel Studs				21 May 90	LD		
	L) Attach Front and Rear Sight Assemblies				5/23/90	RW		
	M) Iron Sight Alignment				5/23/90	RW		
	N) Detach Front & Rear Sights & place in numbered container				5/23/90	RW		
	O) Attach Scope to Rifle				5/23/90	WB		
	P) Detach & Attach Scope 20 Times				5/23/90	WB		
640	Gallery Target & Test				5-24-90	A		
	A) Time				"	A		
	B) Malfunctions				"	A		
	C) Pierced Primers				"	A		
	D) Optical Clarity of Scope				"	A		
645	Inspect for Live Ammo				5-24-90	A		
655	Final Inspection							
	A) Headspace				29 May 90	JS		
	B) Trigger Pull	271	276	265	277	279	29 May 90	JS
	C) Function						24 May 90	JS
660	Pack						6-20-90	D/H

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50#+.50#

3.00#+.75#

4.00#+1.00#

SERIAL NO. C6349157DATE 5/23/90TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.52	2.23	2.36	2.71	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.50	2.17	2.56	2.76	
PULL #3	2.28	2.22	2.34	2.65	
PULL #4	2.24	2.24	2.34	2.77	
PULL #5	2.27	2.38	2.34	2.79	
TOTAL	11.81	11.24	11.94		
AVG.	2.362	2.248	2.388		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.21	3.25		
PULL #2	3.25	3.12		
PULL #3	3.22	3.26		
PULL #4	3.23	3.27		
PULL #5	3.23	3.26		
TOTAL	16.14	16.15		
AVG.	3.228	3.23		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.34	4.37		4.35
PULL #2	4.31	4.36		4.39
PULL #3	4.35	4.37		4.39
PULL #4	4.33	4.28		4.33
PULL #5	4.10	4.39		4.32
TOTAL	21.43	21.75		21.78
AVG.	4.286	4.35		4.356

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349157
25 May 1990

CENTROIDAL DISTANCES

0 TO	1	.334389
1 TO	2	.156247
1 TO	3	.72808
1 TO	4	.704165
1 TO	5	.300528

$\frac{2}{3}$ $\frac{5}{4}$ <----POA

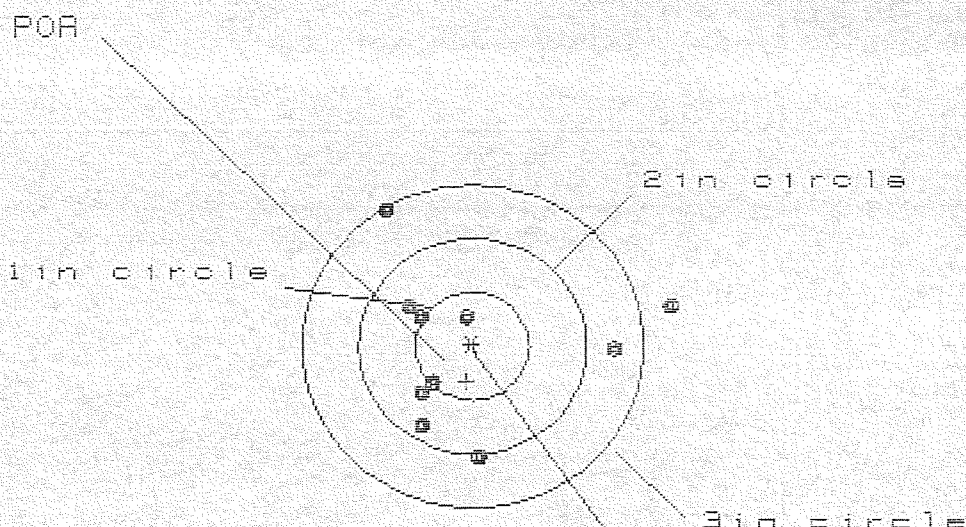
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0326
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .014
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .035479
THE AMR FOR THIS RIFLE IS: .9216

24 May 1990

FILE:/PATTERNING/CENTERFIRE_PATT/CB345157

CENTERFIRE PATTERNS

1



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 9

HS= 2.556

VS= 2.246

GS= 2.701

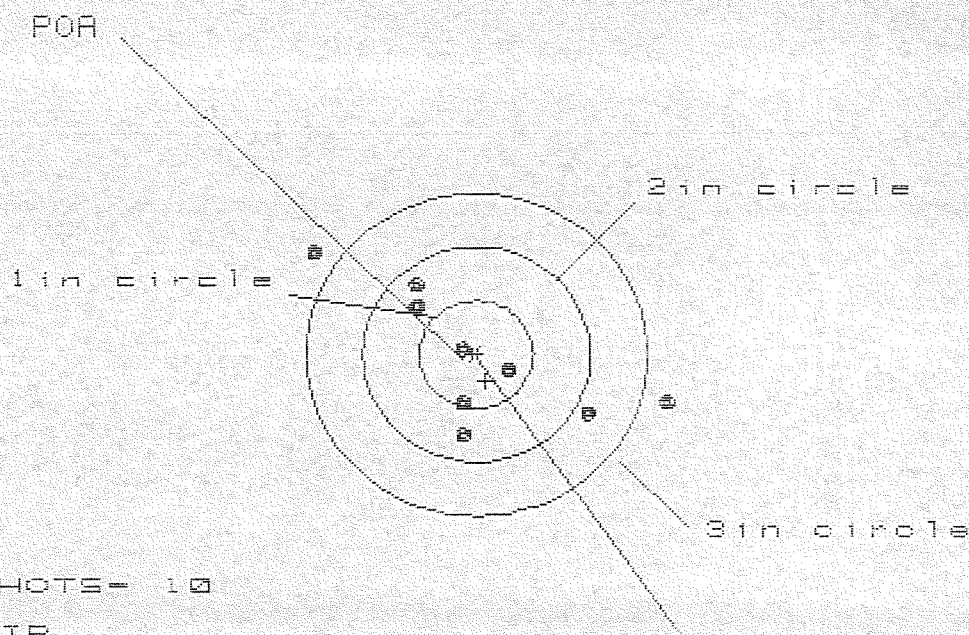
CENTROID #

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.784	1.481	1.409
MINIMUM X	:	-.772	-.573	-.400
MAXIMUM Y	:	1.226	1.266	.578
MINIMUM Y	:	-1.020	-.980	-.822
CENTROID X	:	.054	-.145	-.073
CENTROID Y	:	.330	.290	.132
POA TO CENTROID in.	:	.334	.324	.151
MIN RADIUS	:	.278	.356	.315
MEAN RADIUS	:	.906	.751	.671
MAX RADIUS	:	1.819	1.481	1.415
HORIZONTAL SPREAD	:	2.556	2.054	1.809
VERTICAL SPREAD	:	2.246	2.246	1.400
EXTREME SPREAD	:	2.701	2.425	1.863
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	9		

24 May 1998

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CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 4

2 in = 7

3 in = 8

HS= 3.071

VS= 1.717

GS= 3.375

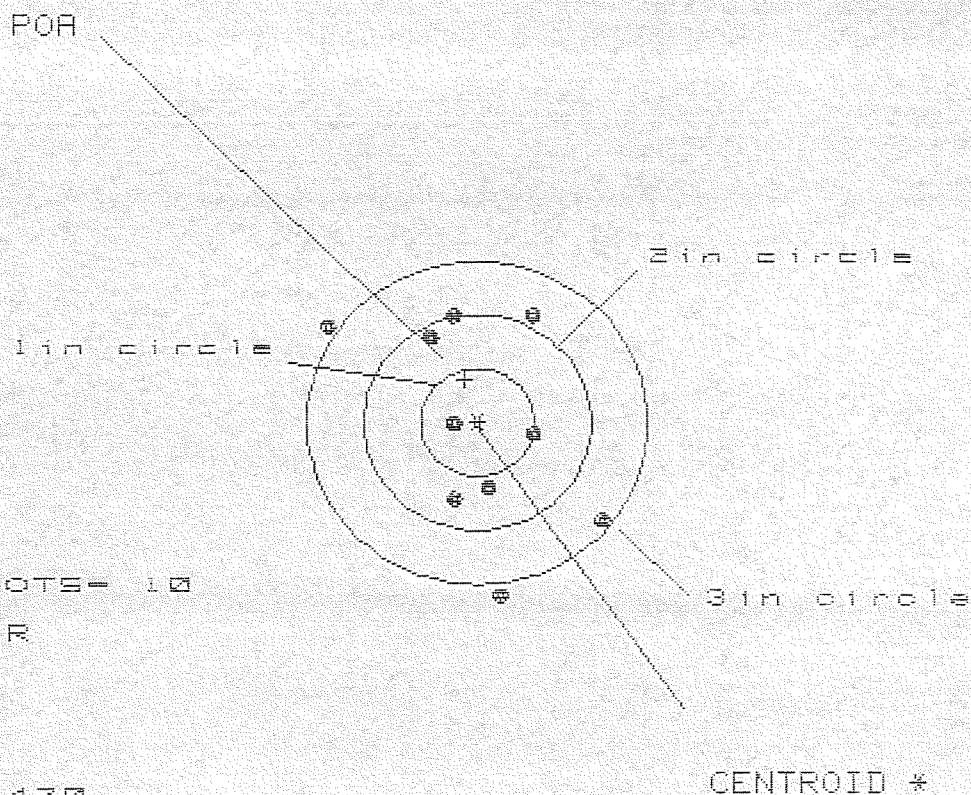
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.656	1.498	1.058
MINIMUM X	:	-1.415	-.718	-.530
MAXIMUM Y	:	.969	.782	.742
MINIMUM Y	:	-.748	-.641	-.681
CENTROID X	:	-.079	.079	-.109
CENTROID Y	:	.248	.141	.131
POA TO CENTROID in.	:	.261	.161	.211
MIN RADIUS	:	.149	.104	.166
MEAN RADIUS	:	.794	.703	.559
MAX RADIUS	:	1.715	1.533	1.144
HORIZONTAL SPREAD	:	3.071	2.216	1.588
VERTICAL SPREAD	:	1.717	1.423	1.423
EXTREME SPREAD	:	3.375	2.410	1.917
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS= 2.470

VS= 2.611

GS= 3.012

CENTROID #

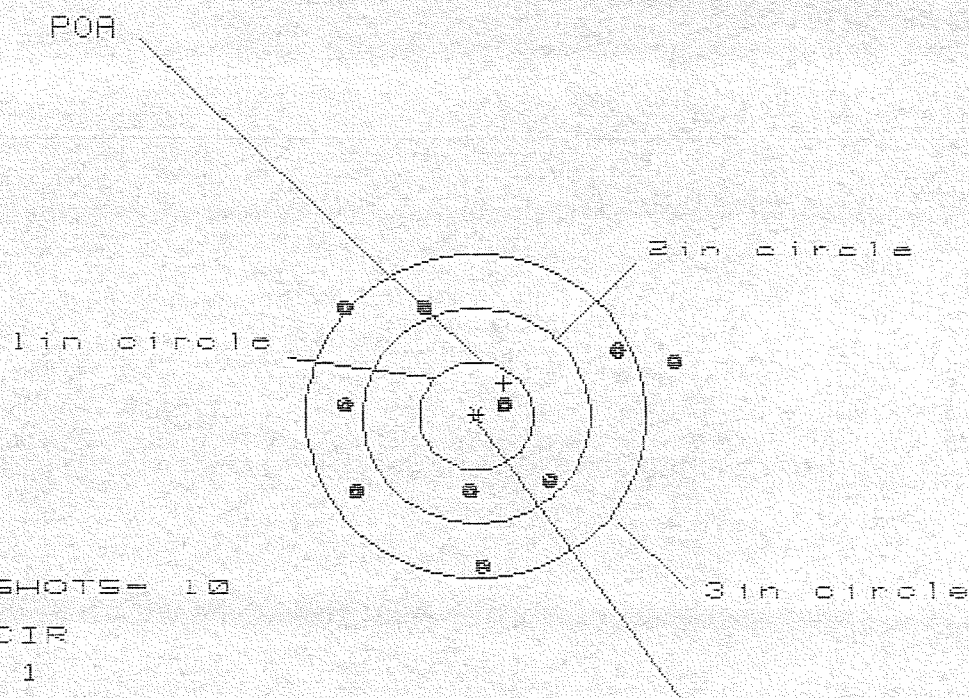
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.126	.977	.977
MINIMUM X	:	-1.344	-.579	-.580
MAXIMUM Y	:	1.023	1.119	.933
MINIMUM Y	:	-1.588	-1.492	-.949
CENTROID X	:	.109	.258	.259
CENTROID Y	:	-.396	-.492	-.306
POA TO CENTROID in.	:	.411	.556	.400
MIN RADIUS	:	.180	.351	.331
MEAN RADIUS	:	.964	.887	.808
MAX RADIUS	:	1.598	1.492	1.362
HORIZONTAL SPREAD	:	2.470	1.556	1.556
VERTICAL SPREAD	:	2.611	2.611	1.892
EXTREME SPREAD	:	3.012	2.633	2.286
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

24 May 1990

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CENTERFIRE PATTERNS

4



OF SHOTS= 10

IN CIR

1in = 1

2in = 3

3in = 8

HS= 2.954

VS= 2.366

GS= 3.085

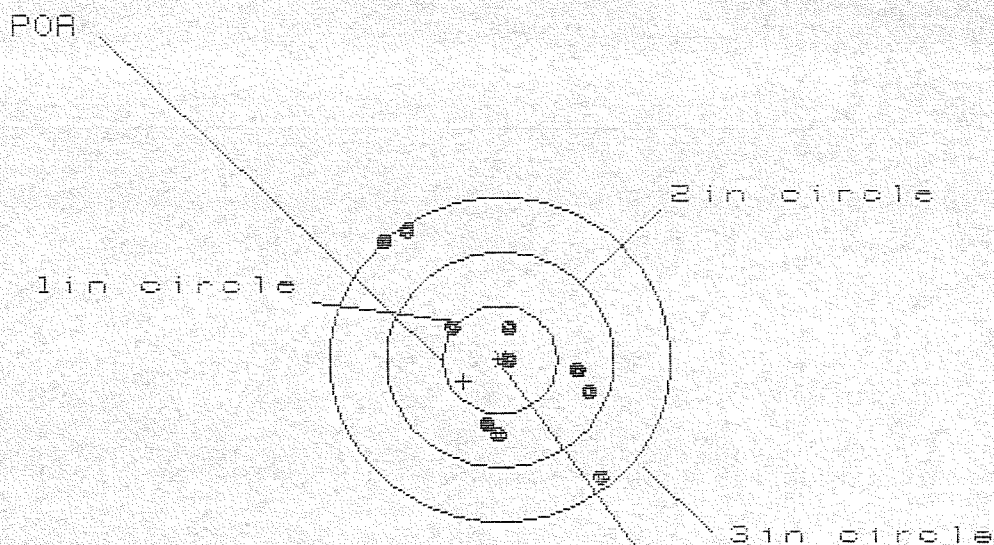
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.774	1.453	1.330
MINIMUM X	:	-1.180	-.983	-1.071
MAXIMUM Y	:	1.017	1.069	1.188
MINIMUM Y	:	-1.349	-1.297	-1.163
CENTROID X	:	-.244	-.441	-.318
CENTROID Y	:	-.308	-.360	-.494
POA TO CENTROID in.	:	.392	.569	.587
MIN RADIUS	:	.237	.439	.407
MEAN RADIUS	:	1.146	1.065	.991
MAX RADIUS	:	1.835	1.584	1.534
HORIZONTAL SPREAD	:	2.954	2.436	2.401
VERTICAL SPREAD	:	2.366	2.366	2.351
EXTREME SPREAD	:	3.085	2.667	2.659
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	

24 May 1998

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CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 2

2in = 7

3in = 9

HS= 1.916

VS= 2.247

GS= 2.921

CENTROID *

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.860	.743	.630
MINIMUM X	-1.056	-.900	-.663
MAXIMUM Y	1.162	1.286	.597
MINIMUM Y	-1.085	-.961	-.800
CENTROID X	.323	.440	.553
CENTROID Y	.196	.072	-.089
POA TO CENTROID in.	.378	.446	.560
MIN RADIUS	.048	.141	.337
MEAN RADIUS	.798	.705	.592
MAX RADIUS	1.539	1.570	1.018
HORIZONTAL SPREAD	1.916	1.643	1.293
VERTICAL SPREAD	2.247	2.247	1.397
EXTREME SPREAD	2.921	2.784	1.904
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		