

SMITH
SNEAD®
NO. 210021

FORM

UPC



0 47700 25716 7

C6649053

BARREL LENGTH
CAPACITY*
*INCLUDES 1 IN CHAMBER

MODEL 700 TM M24

ORDER NO.

5716

Remington



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

MODEL 700TM M24

SERIAL NO.

C6649053

ORDER NO.

5716

20

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



5716 C6649053

ORDER 5716

MODEL 700TM M24

UPC



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ORDER 5716

MODEL 700TM M24

UPC



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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649053

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 25	9 1	RW
600	Proof	9 26	9 1	RW
607	Check Headspace	9 26	9 1	RW
610	Dis-assemble Gun	9 26	9 1	RW
612	Magnaflux Barrel Action	OCT	3 1991	KCR
	Magnaflux Bolt	OCT	3 1991	KCR
615	Rollmark Caliber	OCT	3 1991	GS.
617	Drill and Tap Sight Holes	OCT	4 1991	FB
618	Polish Barrel	OCT	4 1991	WB
620	Apply Coatings (Barrel Action)		10-18-91	HA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/18/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/18/91	RW
	C) Inspect Ejector Hole for Chamfer		10/18/91	RW
	D) Oil Firing Pin Ass'y		10/18/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11-7-91	HL

op. #	OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	4	4	4	11-11-91	RL		
	G) Safety Off Force	3	3	3	11-11-91	RL		
	H) Trigger Pull Test & Retainability				11/7/91	RL		
	I) Firing Pin Indent	10205	10205	10205	11-11-91	RL		
	J) Assemble Stock				11/11/91	RL		
	K) Assemble Swivel Studs				11-11-91	D/H		
	L) Attach Front and Rear Sight Assemblies				11/11/91	RL		
	M) Iron Sight Alignment				11/11/91	RL		
	N) Detach Front & Rear Sights & place in numbered container				11/11/91	RL		
	O) Attach Scope to Rifle				11/11/91	RL		
	P) Detach & Attach Scope 20 Times				11/11/91	RL		
	640	Gallery Target & Test				11-14-91	D/H	
	A) Time				11-14-91	D/H		
	B) Malfunctions				11-14-91	D/H		
	C) Pierced Primers				11-14-91	D/H		
	D) Optical Clarity of Scope				11-14-91	D/H		
645	Inspect for Live Ammo				11-14-91	D/H		
655	Final Inspection				11-14-91	D/H		
	A) Headspace				11-14-91	D/H		
	B) Trigger Pull	254	263	248	258	255	11-14-91	D/H
	C) Function						11-14-91	D/H
660	Pack						12-20-91	RL

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO 06649053

DATE 11-7-91

TESTER JG

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.47	2.46	2.40	2.54	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.52	2.45	2.49	2.63	
PULL #3	2.46	2.40	2.52	2.48	
PULL #4	2.48	2.42	2.40	2.58	
PULL #5	2.45	2.41	2.40	2.55	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.51	3.45		
PULL #2	3.36	3.39		
PULL #3	3.33	3.20		
PULL #4	3.37	3.45		
PULL #5	3.43	3.45		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.50	4.51		4.45
PULL #2	4.42	4.52		4.50
PULL #3	4.51	4.49		4.49
PULL #4	4.51	4.49		4.43
PULL #5	4.50	4.45		4.41
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6649053
15 Nov 1991

CENTROIDAL DISTANCES

0 TO	1	.118983
1 TO	2	.382984
1 TO	3	.178281
1 TO	4	.234785
1 TO	5	.151162

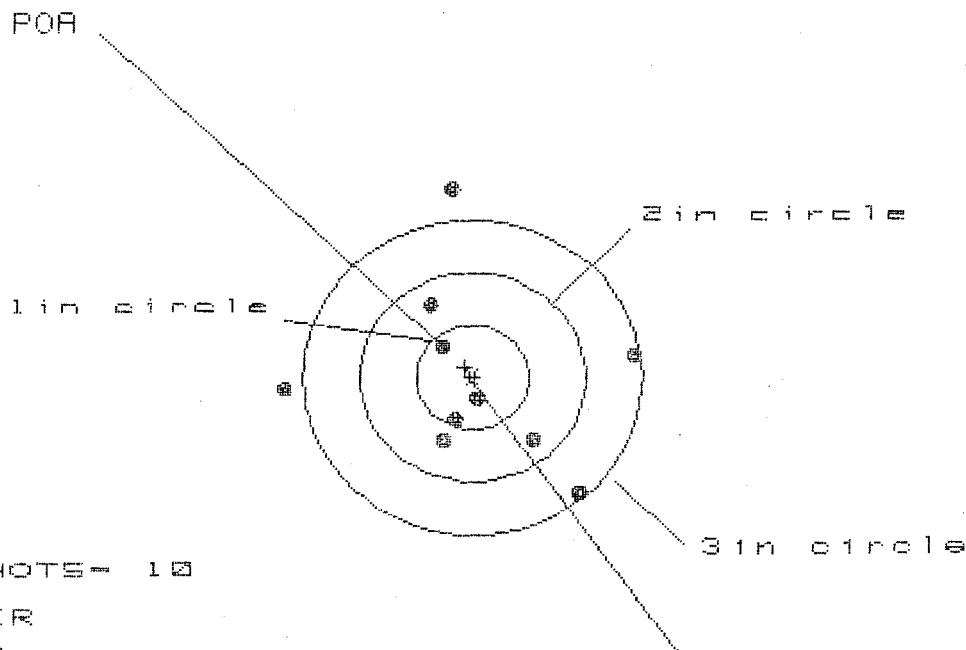
#2 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0722
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0182
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0744586
THE AMR FOR THIS RIFLE IS: .9886

15 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6849053

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 8

HS= 3.050

VS= 2.920

GS= 3.140

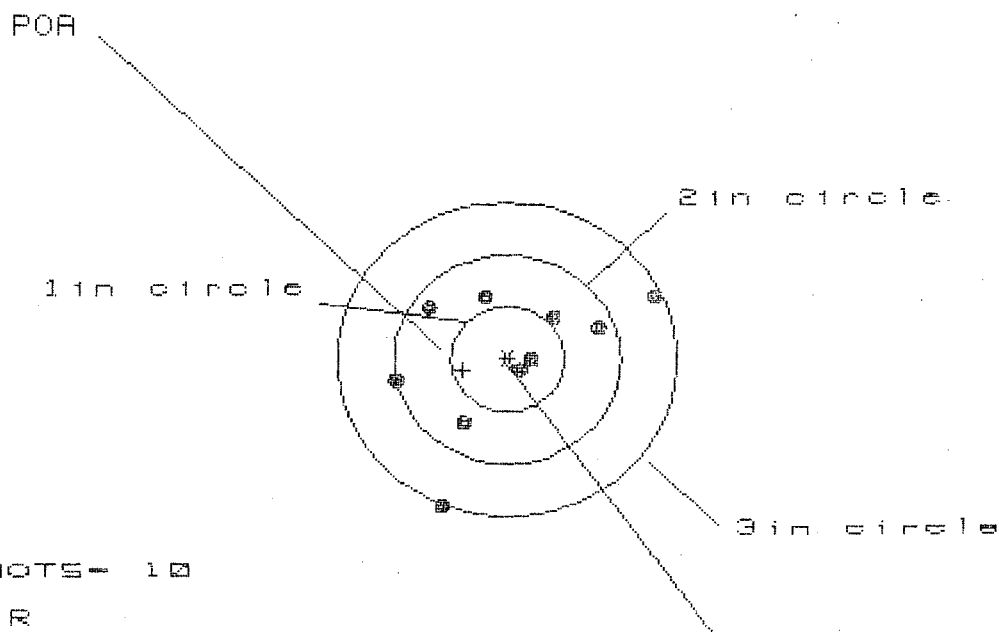
CENTROID #

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.419	1.395	1.188
MINIMUM X	:	-1.631	-1.655	-.575
MAXIMUM Y	:	1.774	.915	.932
MINIMUM Y	:	-1.146	-.949	-.932
CENTROID X	:	.066	.090	.297
CENTROID Y	:	-.099	-.296	-.313
POA TO CENTROID in.	:	.119	.309	.431
MIN RADIUS	:	.206	.008	.204
MEAN RADIUS	:	.964	.825	.752
MAX RADIUS	:	1.787	1.661	1.251
HORIZONTAL SPREAD	:	3.050	3.050	1.763
VERTICAL SPREAD	:	2.920	1.864	1.864
EXTREME SPREAD	:	3.140	3.059	2.263
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

15 Nov 1991

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CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1in = 2

2in = 7

3in = 10

HS = 2.311

VS = 1.953

GS = 2.703

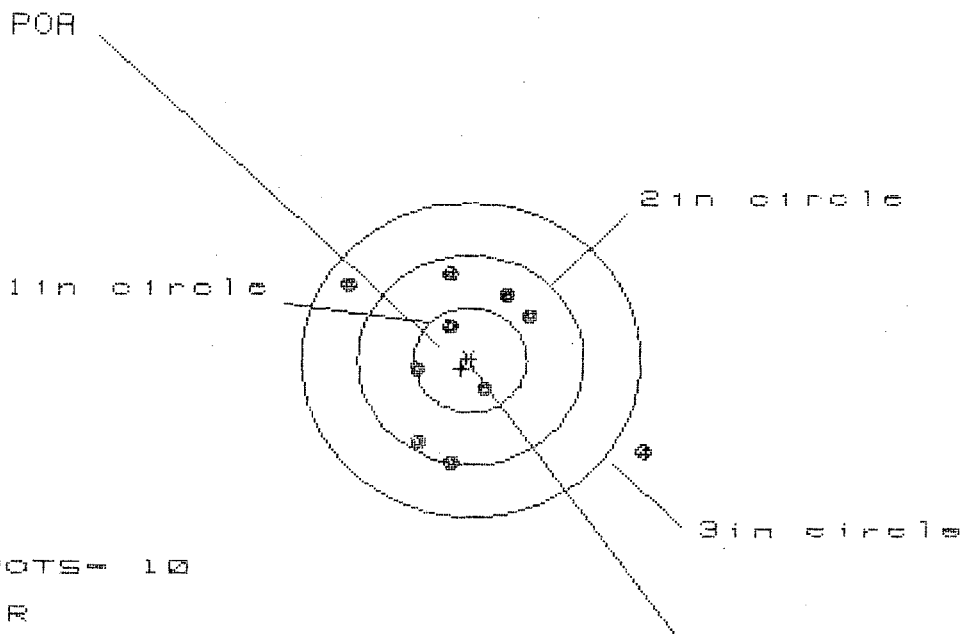
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.310	1.244	.920
MINIMUM X	:	-1.001	-1.067	-.911
MAXIMUM Y	:	.584	.432	.482
MINIMUM Y	:	-1.369	-.788	-.739
CENTROID X	:	.392	.458	.302
CENTROID Y	:	.102	.254	.205
POA TO CENTROID in.	:	.405	.524	.365
MIN RADIUS	:	.134	.185	.270
MEAN RADIUS	:	.792	.700	.631
MAX RADIUS	:	1.492	1.306	.969
HORIZONTAL SPREAD	:	2.311	2.311	1.831
VERTICAL SPREAD	:	1.953	1.220	1.220
EXTREME SPREAD	:	2.703	2.438	1.908
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

15 Nov 1991

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 3

2in = 8

3in = 9

HS= 2.572

VS= 1.782

GS= 3.062

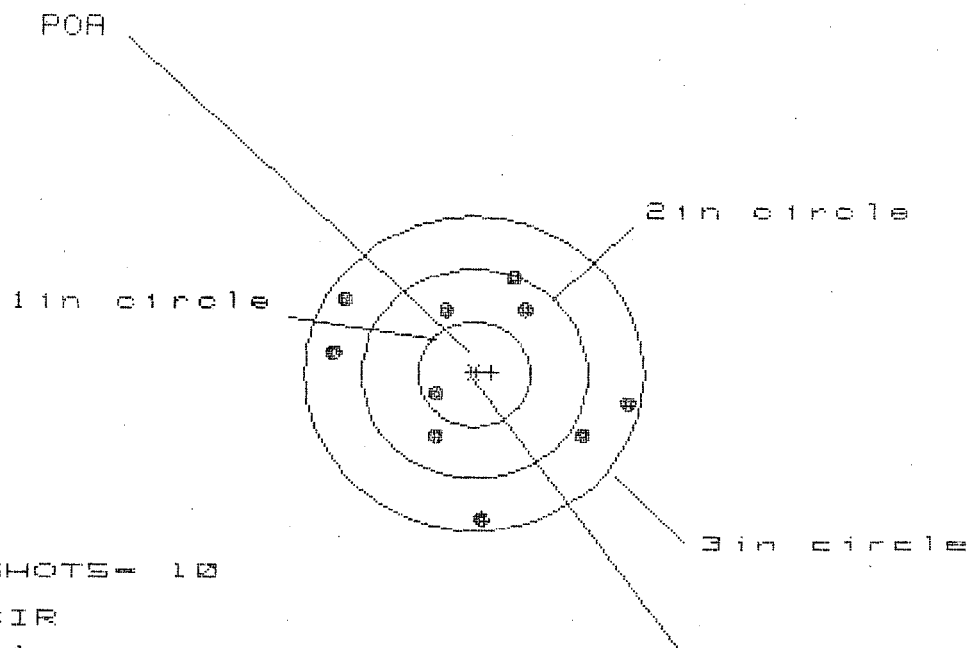
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.540	.649	.542
MINIMUM X	:	-1.032	-.861	-.378
MAXIMUM Y	:	.833	.731	.811
MINIMUM Y	:	-.949	-1.051	-.971
CENTROID X	:	.076	-.095	.012
CENTROID Y	:	.079	.181	.101
POA TO CENTROID in.	:	.110	.205	.102
MIN RADIUS	:	.314	.232	.343
MEAN RADIUS	:	.828	.697	.646
MAX RADIUS	:	1.793	1.074	.974
HORIZONTAL SPREAD	:	2.572	1.510	.920
VERTICAL SPREAD	:	1.782	1.782	1.782
EXTREME SPREAD	:	3.062	1.913	1.782
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			8	
NUMBER IN THREE INCH CIRCLE =			9	

15 Nov 1991

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CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 4

3 in = 10

HS = 2.542

VS = 2.279

GS = 2.672

CENTROID #

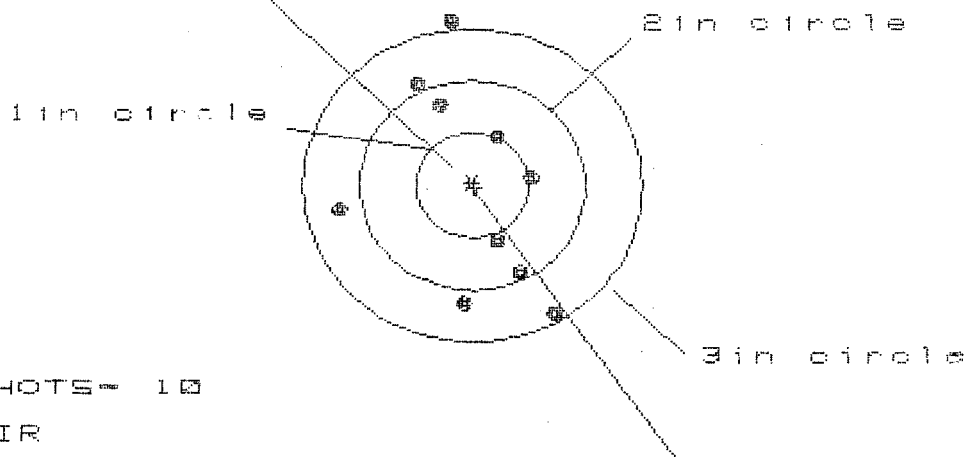
PATTERN #	4
SHOTS (BEST OF)	10
MAXIMUM X	1.341
MINIMUM X	-1.201
MAXIMUM Y	.946
MINIMUM Y	-1.333
CENTROID X	-.154
CENTROID Y	-.017
POA TO CENTROID in.	.154
MIN RADIUS	.425
MEAN RADIUS	.988
MAX RADIUS	1.370
HORIZONTAL SPREAD	2.542
VERTICAL SPREAD	2.279
EXTREME SPREAD	2.672
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	4
NUMBER IN THREE INCH CIRCLE =	10

15 May 1991

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CENTERFIRE PATTERNS # 5

POA



* OF SHOTS= 10

IN CIR

1in = 0

2in = 5

3in = 9

HS= 1.941

VS= 2.830

GS= 2.986

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	.767
MINIMUM X	-1.174
MAXIMUM Y	1.564
MINIMUM Y	-1.266
CENTROID X	-.019
CENTROID Y	.026
POA TO CENTROID in.	.033
MIN RADIUS	.500
MEAN RADIUS	.971
MAX RADIUS	1.574
HORIZONTAL SPREAD	1.941
VERTICAL SPREAD	2.830
EXTREME SPREAD	2.986
NUMBER IN ONE INCH CIRCLE =	0
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	9