

SMC
Smead®
M-2153-21

FORM

CAPACITY*

*INCLUDES 1 IN CHAMBER

C5649044

UPC



0 47700 25716 7

MODEL 700 TM M24

ORDER NO.

5716

Remington



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

MODEL 700 TM M24

SERIAL NO.

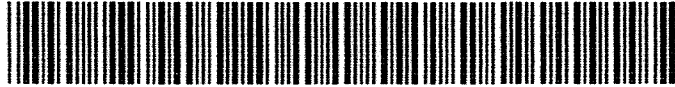
C6649044

ORDER NO.

5716

20

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



5716 C6649044

ORDER 5716

MODEL 700 TM M24

UPC



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ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7

MOD. _____ GA. CAL. _____ GUN# 6649044
 #C

# TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
	1st	Shaver brass ejector stick	RW
	2nd	Repaired 12/11/91	145
	3rd	100 R/L test OK 12-12-91	
	4th		
		FUNCTION	RD 6654 Rev 1

TEST INIT. ACTION TO CORRECT		ASSEM. #
PROOF	100 Rd - Test AC OK 12-12-91	
TEST		
TGT		
PROOF		
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649044

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 26	9 1	RW
600	Proof	9 26	9 1	RW
607	Check Headspace	9 26	9 1	RW
610	Dis-assemble Gun		9 1	RW
612	Magnaflux Barrel Action	OCT	3 1991	Kcd
	Magnaflux Bolt	OCT	3 1991	Kcd
615	Rollmark Caliber	OCT	3 1991	CS.
617	Drill and Tap Sight Holes	OCT	4 1991	LB
618	Polish Barrel	OCT	4 1991	WB
620	Apply Coatings (Barrel Action)		10-18-91	JH
	Apply Coating (Bolt)		10-18-91	JH
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		11-11-91	JH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			11-11-91	GU
	G) Safety Off Force	3	3	3			11-11-91	GU
	H) Trigger Pull Test & Retainability						11-11-91	GU
	I) Firing Pin Indent	0205	1021	1021			11-11-91	GU
	J) Assemble Stock						11/13/91	RW
	K) Assemble Swivel Studs						12-12-91	GU
	L) Attach Front and Rear Sight Assemblies						11/13/91	RW
	M) Iron Sight Alignment						11/13/91	RW
	N) Detach Front & Rear Sights & place in numbered container						11/13/91	RW
	O) Attach Scope to Rifle						11/13/91	RW
	P) Detach & Attach Scope 20 Times						11/13/91	RW
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							
	A) Headspace						12-12-91	GU
	B) Trigger Pull	264	243	246	249	249	11-14-91	D/H
	C) Function						12-12-91	GU
660	Pack						12-15-91	NF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6649044

DATE 11-11-91

TESTER JLL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.27	2.46	2.50	2.64	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.25	2.46	2.53	2.43	
PULL #3	2.45	2.17	2.51	2.46	
PULL #4	2.39	2.44	2.48	2.49	
PULL #5	2.39	2.44	2.44	2.49	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.33	3.43		
PULL #2	3.33	3.50		
PULL #3	3.27	3.53		
PULL #4	3.64	3.59		
PULL #5	3.48	3.59		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.42	4.40		4.40
PULL #2	4.33	4.37		4.36
PULL #3	4.36	4.33		4.38
PULL #4	4.35	4.34		4.20
PULL #5	4.24	4.35		4.40
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6649044
15 Nov 1991

CENTROIDAL DISTANCES

0	TO	1	.382385
1	TO	2	.172105
1	TO	3	.467248
1	TO	4	.430465
1	TO	5	.101863

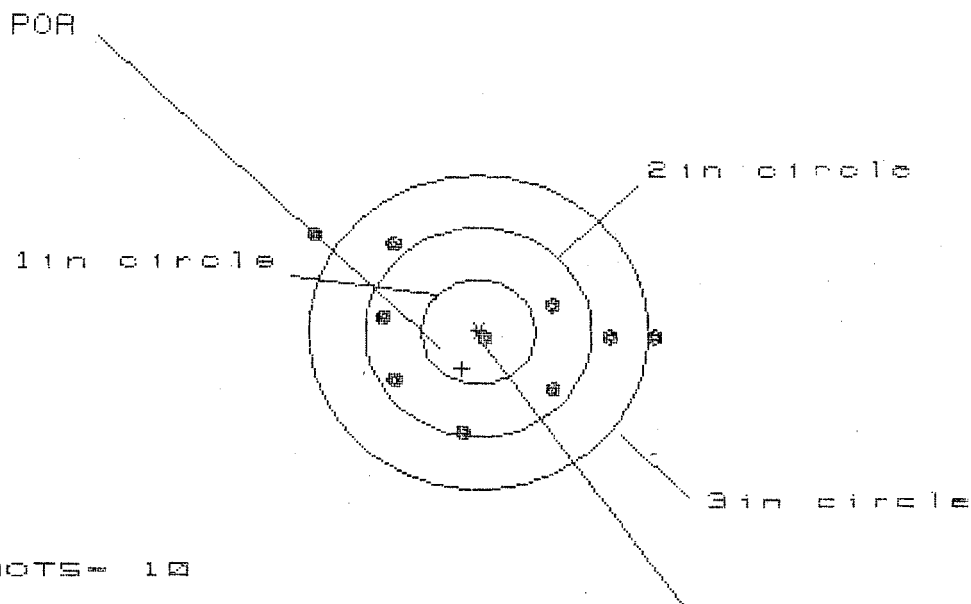
21
14 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .096
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1618
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .188136
THE AMR FOR THIS RIFLE IS: .9154

15 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C86649044

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS= 2.991

VS= 1.928

GS= 3.149

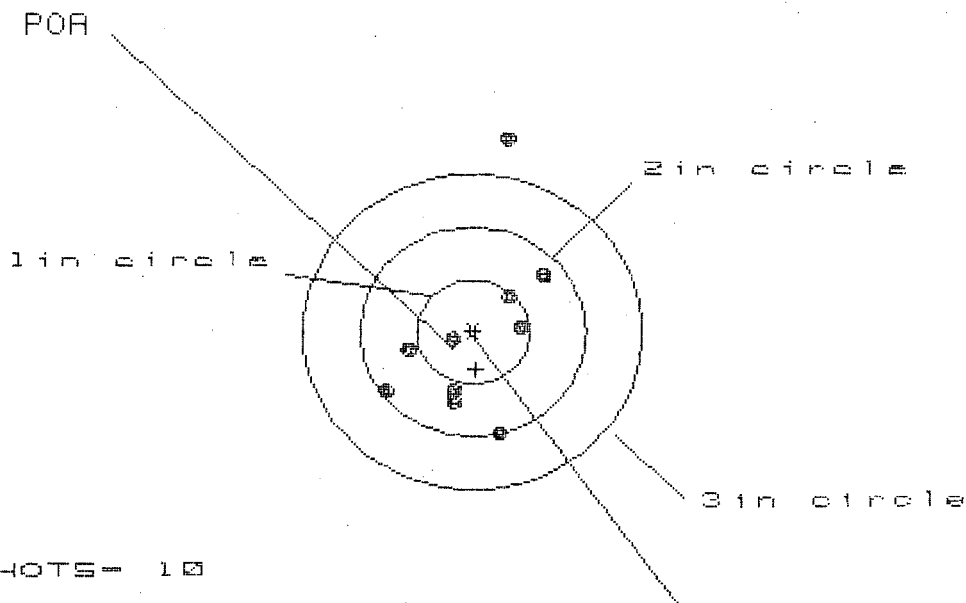
CENTROID *

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.521	1.358	1.123
MINIMUM X	:	-1.470	-1.009	-.839
MAXIMUM Y	:	.963	.913	.923
MINIMUM Y	:	-.965	-.858	-.848
CENTROID X	:	.147	.310	.140
CENTROID Y	:	.353	.246	.236
POB TO CENTROID in.	:	.383	.396	.274
MIN RADIUS	:	.084	.141	.049
MEAN RADIUS	:	.986	.884	.809
MAX RADIUS	:	1.757	1.361	1.205
HORIZONTAL SPREAD	:	2.991	2.367	1.962
VERTICAL SPREAD	:	1.928	1.771	1.771
EXTREME SPREAD	:	3.149	2.446	2.092
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

15 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649044

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 9

3 in = 9

HS= 1.354

VS= 2.826

GS= 2.829

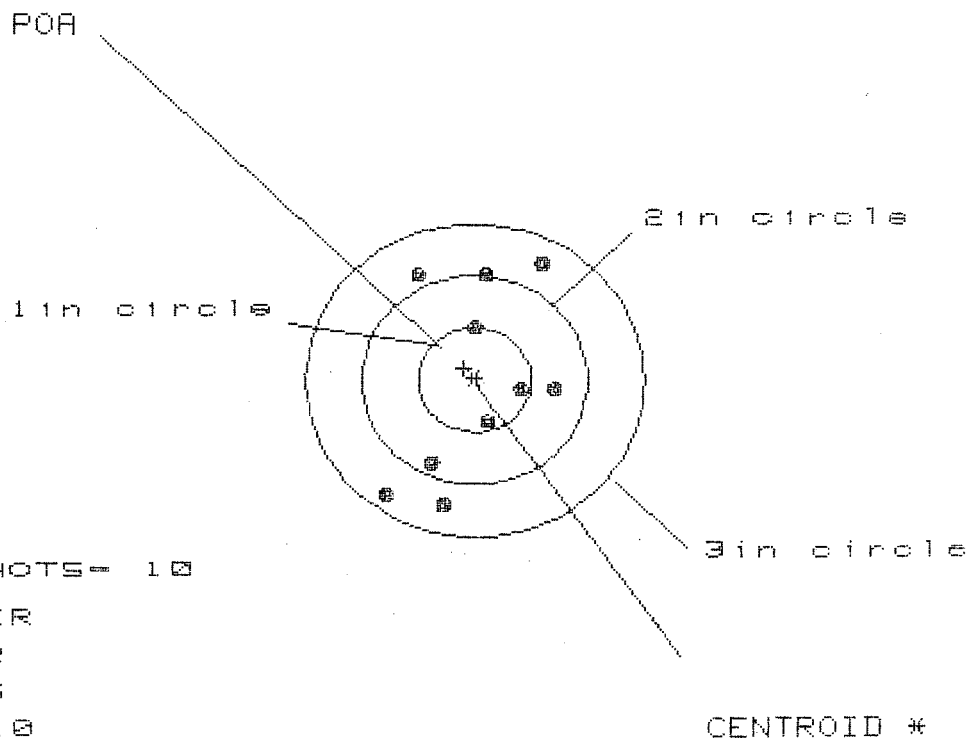
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.577	.613	.521
MINIMUM X	:	-.777	-.741	-.596
MAXIMUM Y	:	1.882	.776	.727
MINIMUM Y	:	-.944	-.735	-.784
CENTROID X	:	-.025	-.061	.032
CENTROID Y	:	.359	.150	.200
POA TO CENTROID in.	:	.360	.162	.202
MIN RADIUS	:	.188	.205	.254
MEAN RADIUS	:	.749	.586	.559
MAX RADIUS	:	1.910	.989	.894
HORIZONTAL SPREAD	:	1.354	1.354	1.117
VERTICAL SPREAD	:	2.826	1.511	1.511
EXTREME SPREAD	:	2.829	1.791	1.560
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		9	

15 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8649044

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 10

HS= 1.445

VS= 2.240

GS= 2.554

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.699	.616	.676
MINIMUM X	:	-.746	-.571	-.511
MAXIMUM Y	:	1.072	.947	1.021
MINIMUM Y	:	-1.168	-1.293	-1.174
CENTROID X	:	.092	.175	.115
CENTROID Y	:	-.111	.014	-.105
POA TO CENTROID in.	:	.144	.176	.156
MIN RADIUS	:	.381	.345	.359
MEAN RADIUS	:	.876	.806	.772
MAX RADIUS	:	1.346	1.338	1.209
HORIZONTAL SPREAD	:	1.445	1.187	1.187
VERTICAL SPREAD	:	2.240	2.240	2.195
EXTREME SPREAD	:	2.554	2.388	2.220
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

15 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649044

CENTERFIRE PATTERNS

4

FOR

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 1

2 in = 7

3 in = 10

HS = 1.914

VS = 2.483

GS = 2.579

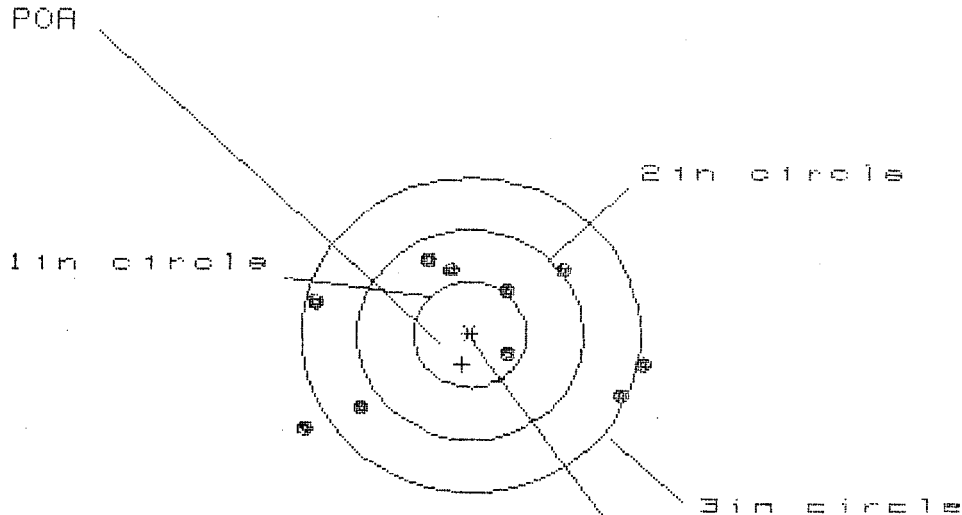
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.057	1.042	.935
MINIMUM X	:	-.857	-.872	-.979
MAXIMUM Y	:	1.406	.918	.803
MINIMUM Y	:	-1.077	-.921	-.714
CENTROID X	:	.193	.208	.315
CENTROID Y	:	-.075	-.231	-.116
FOR TO CENTROID in.	:	.207	.311	.335
MIN RADIUS	:	.492	.364	.500
MEAN RADIUS	:	.899	.837	.768
MAX RADIUS	:	1.413	1.253	1.177
HORIZONTAL SPREAD	:	1.914	1.914	1.914
VERTICAL SPREAD	:	2.483	1.839	1.517
EXTREME SPREAD	:	2.579	2.117	2.117
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

15 Nov 1991

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 8

HS= 2.983

VS= 1.507

GS= 3.027

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.504	1.340	1.312
MINIMUM X	:	-1.479	-1.515	-1.348
MAXIMUM Y	:	.668	.575	.522
MINIMUM Y	:	-.839	-.801	-.853
CENTROID X	:	.073	.237	.070
CENTROID Y	:	.283	.376	.428
POA TO CENTROID in.	:	.292	.445	.434
MIN RADIUS	:	.388	.332	.474
MEAN RADIUS	:	1.067	.962	.901
MAX RADIUS	:	1.700	1.538	1.502
HORIZONTAL SPREAD	:	2.983	2.855	2.660
VERTICAL SPREAD	:	1.507	1.376	1.376
EXTREME SPREAD	:	3.027	2.935	2.823
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			4	
NUMBER IN THREE INCH CIRCLE =			8	