

Smead.
M. A. Smead Co.

FORM

UPC



0 47700 25716 7

C6649030

CAPACITY*
*INCLUDES 1 IN CHAMBER

DANIEL LINGM

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.

C6649030

ORDER NO.

5716

20

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



5716 C6649030

ORDER 5716

MODEL 700 TM M24

UPC

ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7



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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # *C6649030*

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 26	9 1	RW
612	Magnaflux Barrel Action	OCT	3 1991	Ked
	Magnaflux Bolt	OCT	3 1991	Ked
615	Rollmark Caliber	OCT	3 1991	GS.
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	DA
	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		11/18/91	SL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 1/4	4 1/4	4			11-18-91	DH
	G) Safety Off Force	2 1/2	2 3/4	3			11-18-91	DH
	H) Trigger Pull Test & Retainability						11/18/91	JH
	I) Firing Pin Indent	1.020	1.020	1.020			11-18-91	DH
	J) Assemble Stock						11/20/91	RW
	K) Assemble Swivel Studs						11-26-91	JH
	L) Attach Front and Rear Sight Assemblies						11/20/91	RW
	M) Iron Sight Alignment						11/20/91	RW
	N) Detach Front & Rear Sights & place in numbered container						11/20/91	RW
	O) Attach Scope to Rifle						11/20/91	RW
	P) Detach & Attach Scope 20 Times						11/20/91	RW
640	Gallery Target & Test						11-22-91	AC
	A) Time						11-22-91	AC
	B) Malfunctions						11-22-91	AC
	C) Pierced Primers						11-22-91	AC
	D) Optical Clarity of Scope						11-22-91	AC
645	Inspect for Live Ammo						11-22-91	AC
655	Final Inspection							
	A) Headspace						11-26-91	JH
	B) Trigger Pull	2.90	2.55	2.82	2.91	2.86	11-22-91	DH
	C) Function						11-26-91	JH
660	Pack						12-18-91	NF

SWS TRIGGER PULL TEST

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

SERIAL NO. C6649030

DATE 11-18-91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.50	2.53	2.50	290	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.60	2.55	2.55	255	
PULL #3	2.62	2.56	2.49	282	
PULL #4	2.51	2.54	2.59	291	
PULL #5	2.50	2.55	2.60	286	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.55	3.62		
PULL #2	3.53	3.57		
PULL #3	3.59	3.57		
PULL #4	3.63	3.62		
PULL #5	3.55	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	4.48	4.50		4.53
PULL #2	4.47	4.52		4.45
PULL #3	4.30	4.48		4.47
PULL #4	4.41	4.49		4.41
PULL #5	4.47	4.52		4.53
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6649030
22 Nov 1991

CENTROIDAL DISTANCES

0 TO 1	.142215
1 TO 2	.330946
1 TO 3	.518845
1 TO 4	.21068
1 TO 5	.459315

4³⁵ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3454
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .137
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .371578

THE AMR FOR THIS RIFLE IS: .902

22 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649030

CENTERFIRE PATTERNS

1

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 7

HS= 2.958

VS= 2.734

GS= 3.018

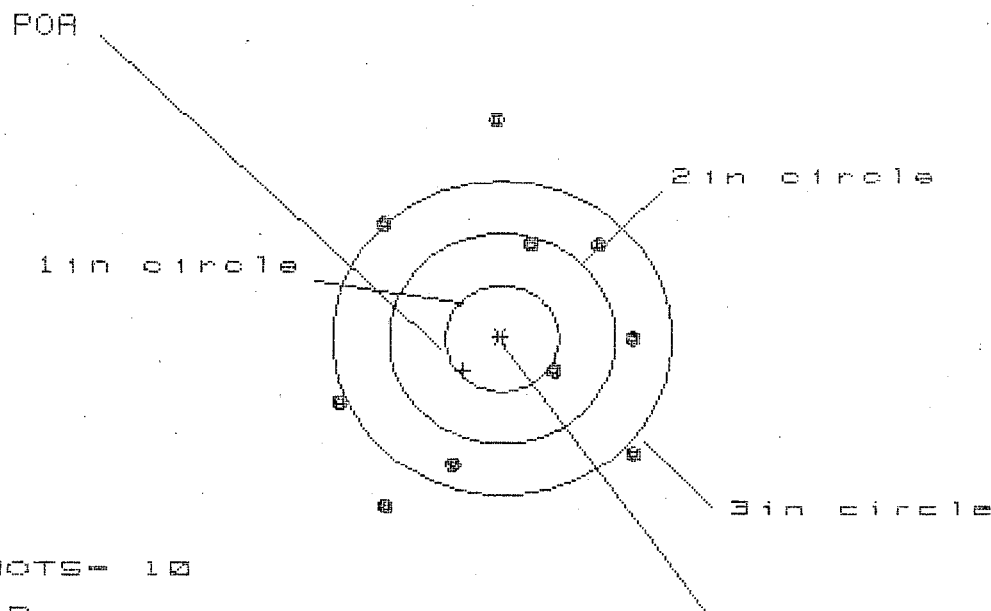
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.223	1.029	1.061
MINIMUM X	-1.745	-1.021	-.989
MAXIMUM Y	1.474	1.479	.604
MINIMUM Y	-1.260	-1.255	-1.070
CENTROID X	.064	.258	.226
CENTROID Y	.127	.122	-.063
POA TO CENTROID in.	.143	.285	.235
MIN RADIUS	.415	.255	.420
MEAN RADIUS	1.000	.885	.806
MAX RADIUS	1.746	1.618	1.457
HORIZONTAL SPREAD	2.968	2.050	2.050
VERTICAL SPREAD	2.734	2.734	1.674
EXTREME SPREAD	3.018	3.018	2.330
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		7	

22 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6645030

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 0

2in = 2

3in = 6

HS= 2.602

VS= 3.678

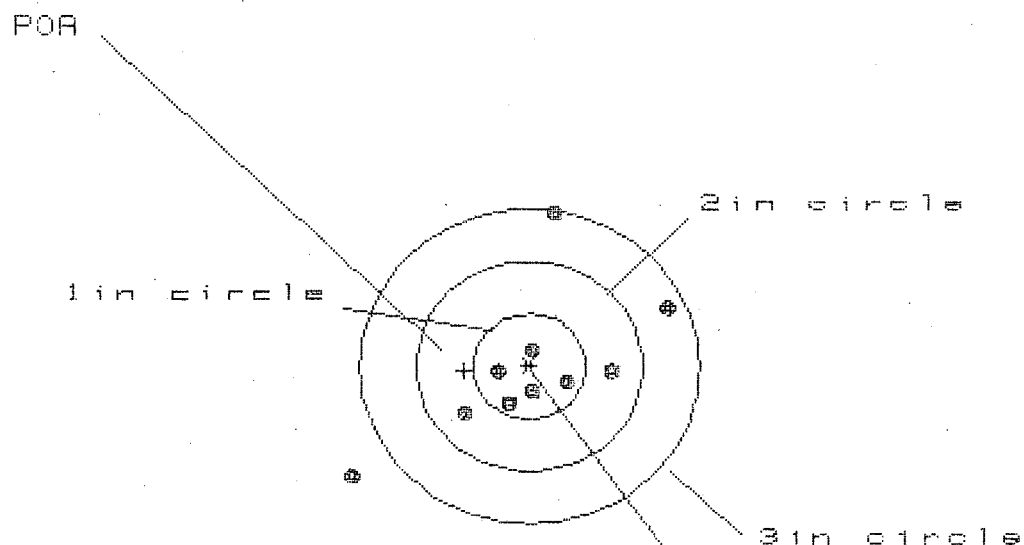
GS= 3.793

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.179	1.168	1.040
MINIMUM X	:	-1.423	-1.434	-1.562
MAXIMUM Y	:	2.092	1.289	1.119
MINIMUM Y	:	-1.586	-1.353	-1.131
CENTROID X	:	.343	.354	.482
CENTROID Y	:	.305	.072	.242
POA TO CENTROID in.	:	.459	.361	.539
MIN RADIUS	:	.565	.463	.416
MEAN RADIUS	:	1.379	1.282	1.200
MAX RADIUS	:	2.094	1.700	1.666
HORIZONTAL SPREAD	:	2.602	2.602	2.602
VERTICAL SPREAD	:	3.678	2.642	2.251
EXTREME SPREAD	:	3.793	3.122	3.086
NUMBER IN ONE INCH CIRCLE =	:	0		
NUMBER IN TWO INCH CIRCLE =	:	2		
NUMBER IN THREE INCH CIRCLE =	:	6		

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FILE:/PATTERNING/CENTERFIRE_PATT/C6649030

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 5

2in = 7

3in = 9

HS= 2.725

VS= 2.453

GS= 3.153

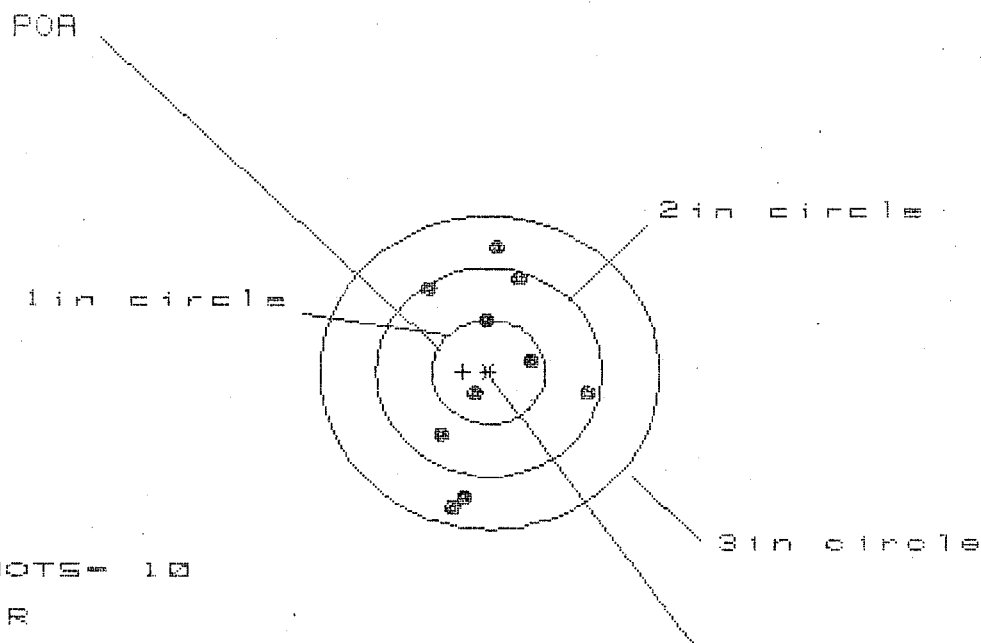
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.192	1.022	1.024
MINIMUM X	:	-1.532	-.708	-.705
MAXIMUM Y	:	1.447	1.336	.637
MINIMUM Y	:	-1.006	-.505	-.338
CENTROID X	:	.576	.746	.744
CENTROID Y	:	.043	.154	-.013
POA TO CENTROID in.	:	.577	.762	.744
MIN RADIUS	:	.121	.127	.117
MEAN RADIUS	:	.732	.630	.498
MAX RADIUS	:	1.833	1.336	1.206
HORIZONTAL SPREAD	:	2.725	1.730	1.730
VERTICAL SPREAD	:	2.453	1.841	.975
EXTREME SPREAD	:	3.153	1.986	1.986
NUMBER IN ONE INCH CIRCLE =			5	
NUMBER IN TWO INCH CIRCLE =			7	
NUMBER IN THREE INCH CIRCLE =			9	

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 10

HS= 1.435

VS= 2.497

GS= 2.521

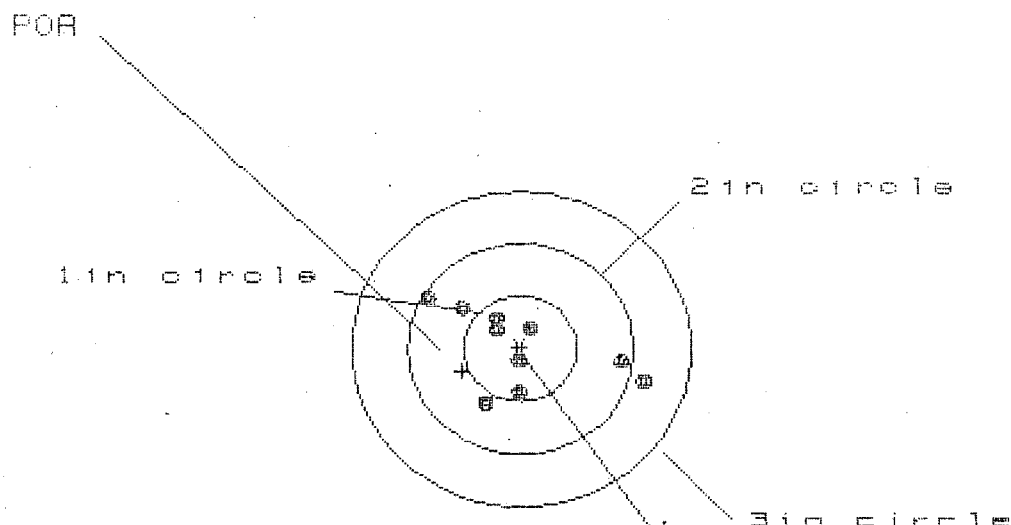
CENTROID *

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.895	.863	.867
MINIMUM X	:	-.540	-.572	-.568
MAXIMUM Y	:	1.215	1.073	.853
MINIMUM Y	:	-1.282	-1.326	-1.192
CENTROID X	:	.229	.261	.257
CENTROID Y	:	-.004	.138	.004
POA TO CENTROID in.	:	.229	.295	.257
MIN RADIUS	:	.202	.344	.224
MEAN RADIUS	:	.846	.782	.741
MAX RADIUS	:	1.313	1.353	1.221
HORIZONTAL SPREAD	:	1.435	1.435	1.435
VERTICAL SPREAD	:	2.497	2.399	2.045
EXTREME SPREAD	:	2.521	2.417	2.112
NUMBER IN ONE INCH CIRCLE =		2		
NUMBER IN TWO INCH CIRCLE =		6		
NUMBER IN THREE INCH CIRCLE =		10		

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FILE:/PATTERNING/CENTERFIRE_PATT/06B45030

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 5

2in = 9

3in = 10

HS= 1.859

VS= .992

GS= 2.025

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.072	.989	.905
MINIMUM X	:	-.787	-.667	-.458
MAXIMUM Y	:	.448	.408	.373
MINIMUM Y	:	-.544	-.584	-.533
CENTROID X	:	.515	.395	.479
CENTROID Y	:	.214	.253	.202
POR TO CENTROID in.	:	.557	.469	.520
MIN RADIUS	:	.127	.163	.107
MEAN RADIUS	:	.553	.469	.432
MAX RADIUS	:	1.130	.996	.908
HORIZONTAL SPREAD	:	1.859	1.656	1.363
VERTICAL SPREAD	:	.992	.992	.906
EXTREME SPREAD	:	2.025	1.739	1.434
NUMBER IN ONE INCH CIRCLE =			5	
NUMBER IN TWO INCH CIRCLE =			9	
NUMBER IN THREE INCH CIRCLE =			10	