

Smead®

FOR

UPC



0 47700 25716 7

06665872

*INCLUDES 1 IN CHAMBER

CAPACITY*

MODEL 700 TM 1124

ORDER NO.

5716

Remington



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

MODEL 700TM M24

SERIAL NO.

C6665872

ORDER NO.

5716

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

20



5716 C6665872

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 #

C6665872

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/24/91	Kd
600	Proof		9/24/91	Kd
607	Check Headspace		9/24/91	Kd
610	Dis-assemble Gun		9/24/91	Kd
612	Magnaflux Barrel Action		OCT 2 1991	KR
	Magnaflux Bolt		OCT 2 1991	KR
615	Rollmark Caliber		OCT 2 1991	LS
617	Drill and Tap Sight Holes		OCT 2 1991	LB
618	Polish Barrel		OCT 4 1991	WB
620	Apply Coatings (Barrel Action)		10-14-91	JA
	Apply Coating (Bolt)		10-14-91	JA
625	Final Assembly A) Clean inside of Bolt Assembly		10/16/91	Kd
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/16/91	Kd
	C) Inspect Ejector Hole for Chamfer		10/16/91	Kd
	D) Oil Firing Pin Ass'y		10/16/91	Kd
	E) Adjust Trigger Pull to Min Setting and Stake		10/24/91	JA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			10/24/91	JH
	G) Safety Off Force	3	3	3			10/24/91	JH
	H) Trigger Pull Test & Retainability						10/24/91	JH
	I) Firing Pin Indent	1020	1020	1020			10/24/91	JH
	J) Assemble Stock						10/25/91	KH
	K) Assemble Swivel Studs						10-30-91	KH
	L) Attach Front and Rear Sight Assemblies						10/25/91	KH
	M) Iron Sight Alignment						10/25/91	KH
	N) Detach Front & Rear Sights & place in numbered container						10/25/91	KH
	O) Attach Scope to Rifle						10/25/91	KH
	P) Detach & Attach Scope 20 Times						10/25/91	KH
640	Gallery Target & Test						10/28/91	KT
	A) Time						"	KT
	B) Malfunctions						"	KT
	C) Pierced Primers						"	KT
	D) Optical Clarity of Scope						"	KT
645	Inspect for Live Ammo						10/28/91	KT
655	Final Inspection							
	A) Headspace						10-30-91	AC
	B) Trigger Pull	221	219	214	220	220	10-30-91	DH
	C) Function						10-30-91	AC
660	Pack						12-17-91	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-6665872
DATE 10-24-91
TESTER JM.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.59	2.57	2.29	2.21	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.18	2.52	2.54	2.19	
PULL #3	2.53	2.50	2.58	2.14	
PULL #4	2.53	2.46	2.49	2.20	
PULL #5	2.55	2.56	2.51	2.20	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.15	3.44		
PULL #2	3.44	3.43		
PULL #3	3.46	3.54		
PULL #4	3.54	3.47		
PULL #5	3.40	3.39		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.37	4.24		4.13
PULL #2	4.39	4.42		4.36
PULL #3	4.57	4.44		4.36
PULL #4	4.43	4.30		4.28
PULL #5	4.18	4.15		4.34
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06868872
29 Oct 1991

CENTROIDAL DISTANCES

0 TO	1	.247524
1 TO	2	.152555
1 TO	3	.178219
1 TO	4	.177133
1 TO	5	.0905207

←----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: +.0352
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.171
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .174585
THE AMR FOR THIS RIFLE IS: .8776

29 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/CG665872

CENTERFIRE PATTERNS # 1

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS= 2.094

VS= 4.163

GS= 4.166

PATTERN #

SHOTS (BEST OF)

MAXIMUM X

MINIMUM X

MAXIMUM Y

MINIMUM Y

CENTROID X

CENTROID Y

POA TO CENTROID in.

MIN RADIUS

MEAN RADIUS

MAX RADIUS

HORIZONTAL SPREAD

VERTICAL SPREAD

EXTREME SPREAD

NUMBER IN ONE INCH CIRCLE =

NUMBER IN TWO INCH CIRCLE =

NUMBER IN THREE INCH CIRCLE =

10

9

8

.988

-1.106

2.555

-1.608

-.052

-.242

.248

.403

1.025

2.562

2.094

4.163

4.166

.969

-1.125

1.284

-1.324

-.033

-.526

.527

.354

.808

1.324

2.094

2.608

2.609

2

5

8

.964

-1.130

1.119

-.511

-.028

-.361

.362

.341

.741

1.143

2.094

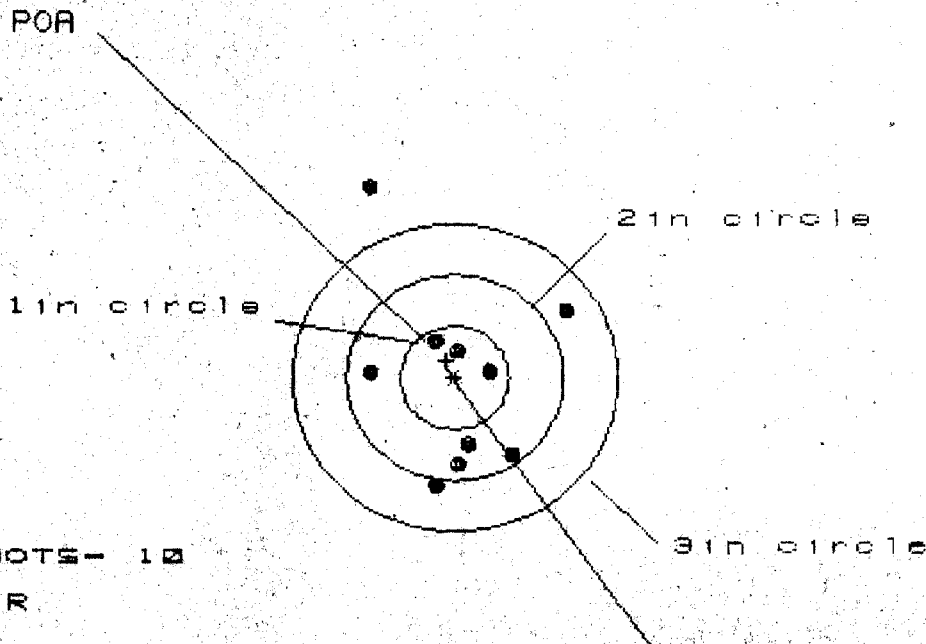
1.690

2.096

29 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/C6685872

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1in = 3

2in = 7

3in = 8

HE = 1.8882

VS = 2.813

GS = 2.888

CENTROID *

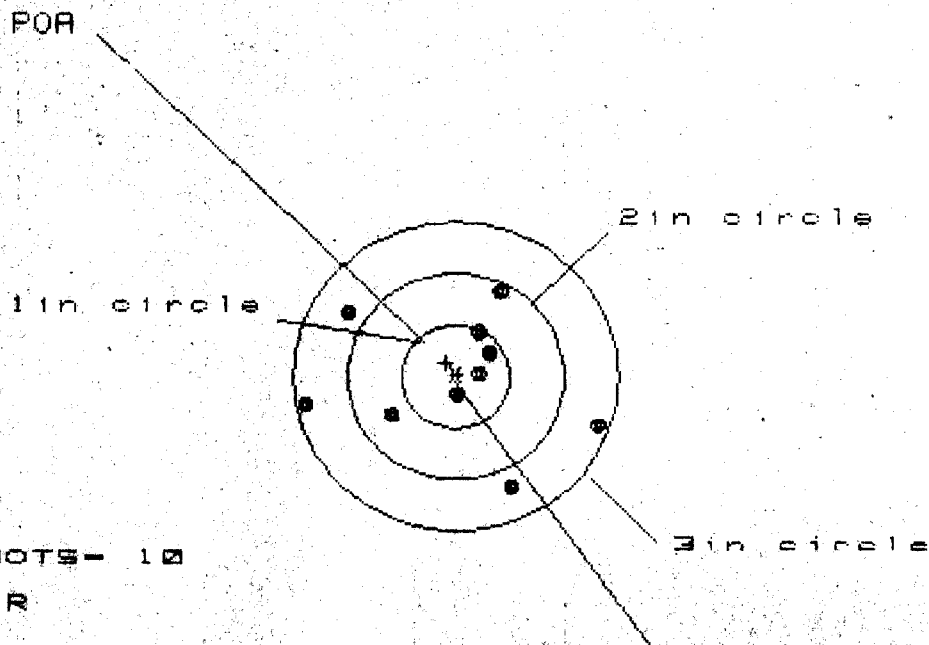
PATTERN #

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.067	.976	.522
MINIMUM X	-.816	-.960	-.738
MAXIMUM Y	1.810	.851	.625
MINIMUM Y	-1.003	-.802	-.695
CENTROID X	.076	.167	.045
CENTROID Y	-.159	-.360	-.467
POA TO CENTROID in.	.177	.397	.469
MIN RADIUS	.292	.353	.374
MEAN RADIUS	.840	.698	.613
MAX RADIUS	1.985	1.295	.834
HORIZONTAL SPREAD	1.882	1.836	1.260
VERTICAL SPREAD	2.813	1.653	1.320
EXTREME SPREAD	2.888	2.060	1.508
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 5

3 in = 10

HS= 2.524

VS= 1.848

GS= 2.630

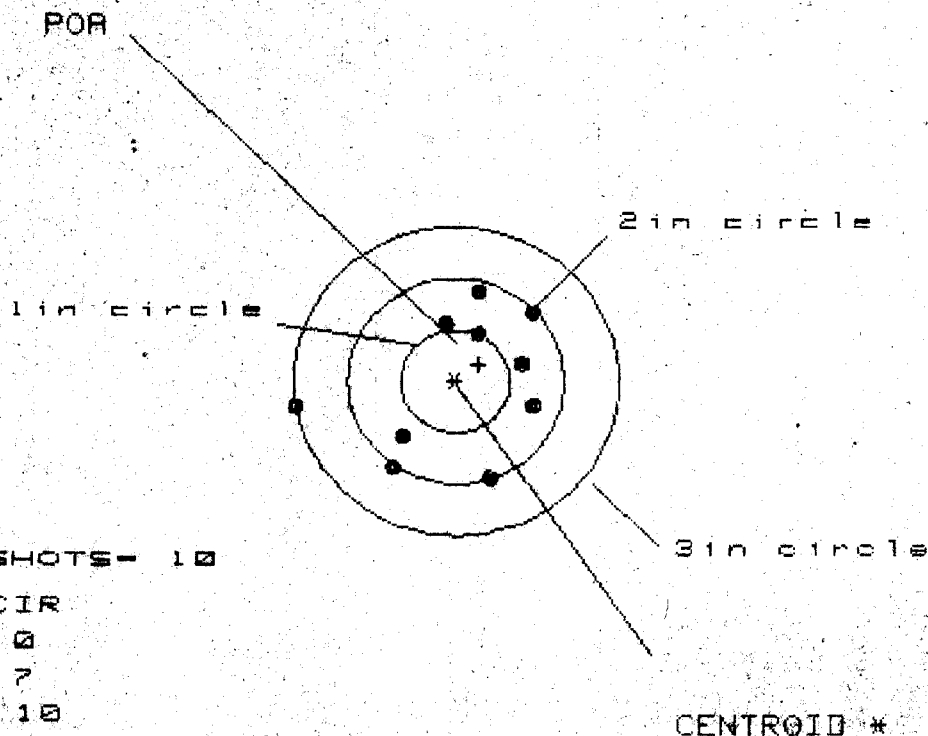
CENTROID *

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.268	1.117	.500
MINIMUM X	-1.356	-1.178	-1.039
MAXIMUM Y	.829	.799	.744
MINIMUM Y	-1.019	-1.049	-1.107
CENTROID X	.089	.240	.101
CENTROID Y	-.133	-.103	-.045
POA TO CENTROID in.	.160	.261	.110
MIN RADIUS	.167	.068	.191
MEAN RADIUS	.789	.692	.637
MAX RADIUS	1.382	1.317	1.215
HORIZONTAL SPREAD	2.624	2.295	1.539
VERTICAL SPREAD	1.848	1.848	1.848
EXTREME SPREAD	2.630	2.528	2.247
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 0

2in = 7

3in = 10

HS= 2.201

VS= 1.843

GS= 2.319

CENTROID *

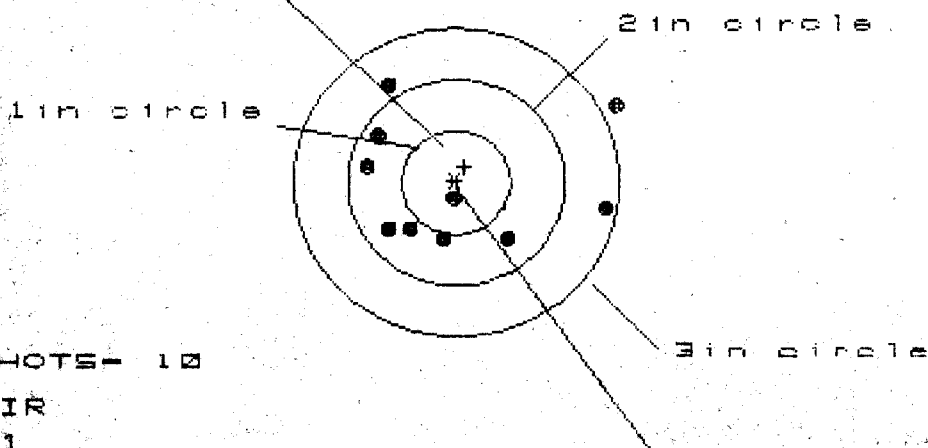
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.715	.550	.457
MINIMUM X	-1.486	-.745	-.764
MAXIMUM Y	.889	.869	.759
MINIMUM Y	-.954	-.974	-1.084
CENTROID X	-.212	-.047	.046
CENTROID Y	-.166	-.146	-.036
POR TO CENTROID in.	.270	.153	.058
MIN RADIUS	.543	.452	.329
MEAN RADIUS	.868	.767	.681
MAX RADIUS	1.497	1.154	1.085
HORIZONTAL SPREAD	2.201	1.295	1.221
VERTICAL SPREAD	1.843	1.843	1.843
EXTREME SPREAD	2.319	1.968	1.843
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

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CENTERFIRE PATTERNS # 5

POA



OF SHOTS- 10

IN CIR

1in = 1

2in = 7

3in = 9

HS= 2.223

VS= 1.530

GS= 2.412

CENTROID *

PATTERN #

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.436	1.559	.801
MINIMUM X	-.797	-.637	-.443
MAXIMUM Y	.976	1.056	1.040
MINIMUM Y	-.554	-.474	-.490
CENTROID X	-.077	-.237	-.431
CENTROID Y	-.155	-.235	-.219
POA TO CENTROID in.	.173	.334	.484
MIN RADIUS	.117	.174	.369
MEAN RADIUS	.866	.743	.623
MAX RADIUS	1.607	1.564	1.066
HORIZONTAL SPREAD	2.233	2.196	1.244
VERTICAL SPREAD	1.530	1.530	1.530
EXTREME SPREAD	2.412	2.311	1.847
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	