

FORM

UPC



0 47700 25716 2

C6665821

ORDER NO. 516

BARREL LENGTH

CAPACITY*

11/11/11 11:11

Remington



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

MODEL 700 TM M24

SERIAL NO.

C6665821

ORDER NO.

5716

20

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



5716 C6665821

ORDER 5716

MODEL 700 TM M24

UPC

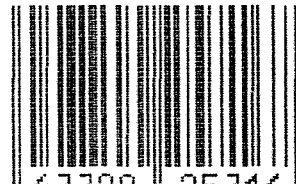
ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

26665821

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/1/91	KA
600	Proof		10/1/91	KA
607	Check Headspace		10/1/91	KA
610	Dis-assemble Gun		10/1/91	KA
612	Magnaflux Barrel Action	OCT	8 1991	KR
	Magnaflux Bolt	OCT	8 1991	KR
615	Rollmark Caliber	OCT	8 1991	LS
617	Drill and Tap Sight Holes	OCT	6 1991	LB
618	Polish Barrel		10/15/91	WB
620	Apply Coatings (Barrel Action)		11-2-91	KA
	Apply Coating (Bolt)			KA
625	Final Assembly A) Clean inside of Bolt Assembly		12/3/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/3/91	KS
	C) Inspect Ejector Hole for Chamfer		12/3/91	KS
	D) Oil Firing Pin Ass'y		12/3/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		12-5-91	KA

op. #	BARBER - M24 0103003	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6	6	6	12-5-91	DL
	G) Safety Off Force	4	4	14			12-5-91	DL
	H) Trigger Pull Test & Retainability						12-5-91	DL
	I) Firing Pin Indent	.021	.022	.022			12-5-91	DL
	J) Assemble Stock						12/5/91	DL
	K) Assemble Swivel Studs						12-9-91	AC
	L) Attach Front and Rear Sight Assemblies						12/5/91	DL
	M) Iron Sight Alignment						12/5/91	DL
	N) Detach Front & Rear Sights & place in numbered container						12/5/91	DL
	O) Attach Scope to Rifle						12/5/91	DL
	P) Detach & Attach Scope 20 Times						12/5/91	DL
640	Gallery Target & Test						12/5/91	KT
	A) Time							KT
	B) Malfunctions							KT
	C) Pierced Primers							KT
	D) Optical Clarity of Scope							KT
645	Inspect for Live Ammo						12/5/91	KT
655	Final Inspection							
	A) Headspace						12-9-91	AC
	B) Trigger Pull	250	255	255	255	256	12-7-91	DL
	C) Function						12-9-91	AC
660	Pack						12-17-91	V

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6665821DATE 12-5-91TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.30	2.37	2.40	2.50	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.28	2.37	2.39	2.55	
PULL #3	2.36	2.41	2.46	2.55	
PULL #4	2.32	2.38	2.44	2.55	
PULL #5	2.38	2.33	2.35	2.56	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.62	3.56		
PULL #2	3.66	3.60		
PULL #3	3.62	3.61		
PULL #4	3.61	3.57		
PULL #5	3.57	3.51		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.34	4.44		4.50
PULL #2	4.40	4.34		4.49
PULL #3	4.37	4.43		4.47
PULL #4	4.36	4.37		4.48
PULL #5	4.49	4.48		4.50
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665821
6 Dec 1991

CENTROIDAL DISTANCES

0 TO	1	.141326
1 TO	2	.560261
1 TO	3	.225539
1 TO	4	.280273
1 TO	5	.243633

49₂ <----POA

POA X-COORDINATE FOR THIS RIFLE IS: .043
POA Y-COORDINATE FOR THIS RIFLE IS: -.0352
AVERAGE POI RADIUS FOR THIS RIFLE IS: .0555701
THIS RIFLE IS: 1.019

031

FILE:/PATTERNING/CENTERFIRE_PATT/ C6665821

CENTERFIRE PATTERNS

5

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 3

2in = 4

3in = 9

HS= 2.343

VS= 2.780

GS= 2.780

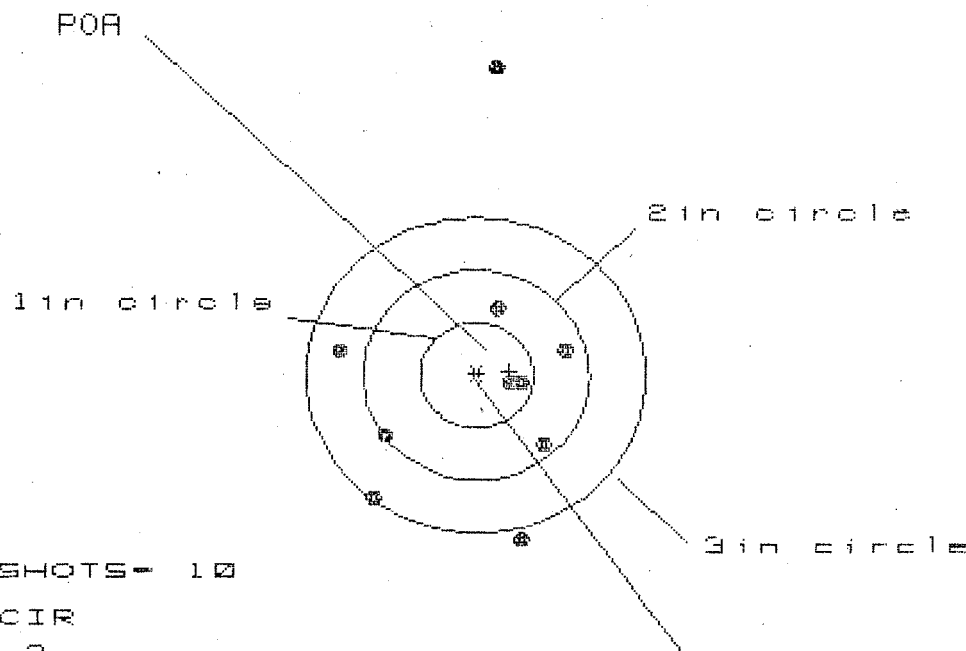
CENTROID #

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.034	1.046	.883
MINIMUM X	:	-1.309	-1.297	-1.238
MAXIMUM Y	:	1.571	.965	1.019
MINIMUM Y	:	-1.189	-1.014	-.960
CENTROID X	:	.029	.017	.180
CENTROID Y	:	-.099	-.274	-.328
H 10 - CENTROID in.	:	.103	.274	.374
SPREAD	:	.221	.214	.127
in spread	:	.919	.815	.732
radius	:	1.575	1.423	1.349
CENTRAL SPREAD	:	2.343	2.343	2.121
SPREAD	:	2.760	1.979	1.979
CENTRAL SPREAD	:	2.780	2.402	2.261
SPREAD INCH CIRCLE	=		3	
SPREAD INCH CIRCLE	=		4	
SPREAD INCH CIRCLE	=		9	

6 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/ C6665821

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 1.910

VS= 4.473

GS= 4.479

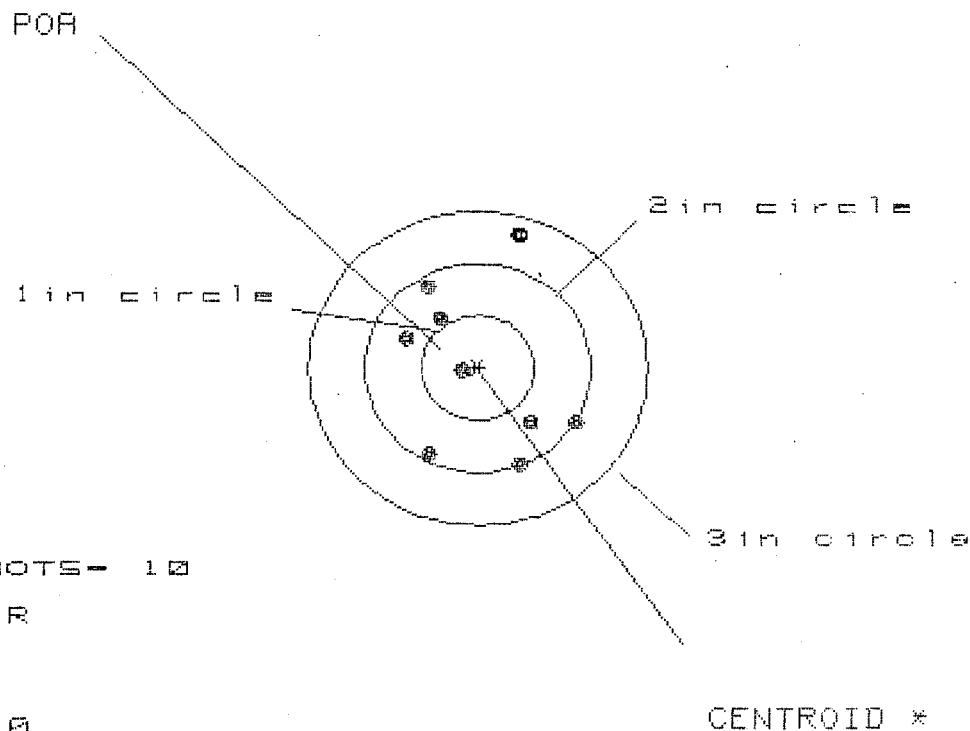
CENTROID #

PATTERN #	4
SHOTS (BEST OF)	10
MAXIMUM X	.741
MINIMUM X	-1.169
MAXIMUM Y	2.908
MINIMUM Y	-1.566
CENTROID X	-.290
CENTROID Y	-.036
POA TO CENTROID in.	.292
MIN RADIUS	.308
MEAN RADIUS	1.127
MAX RADIUS	2.914
HORIZONTAL SPREAD	1.910
VERTICAL SPREAD	4.473
EXTREME SPREAD	4.479
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	6
NUMBER IN THREE INCH CIRCLE =	8

5 Dec 1991

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 8

3 in = 10

HS= 1.511

VS= 2.196

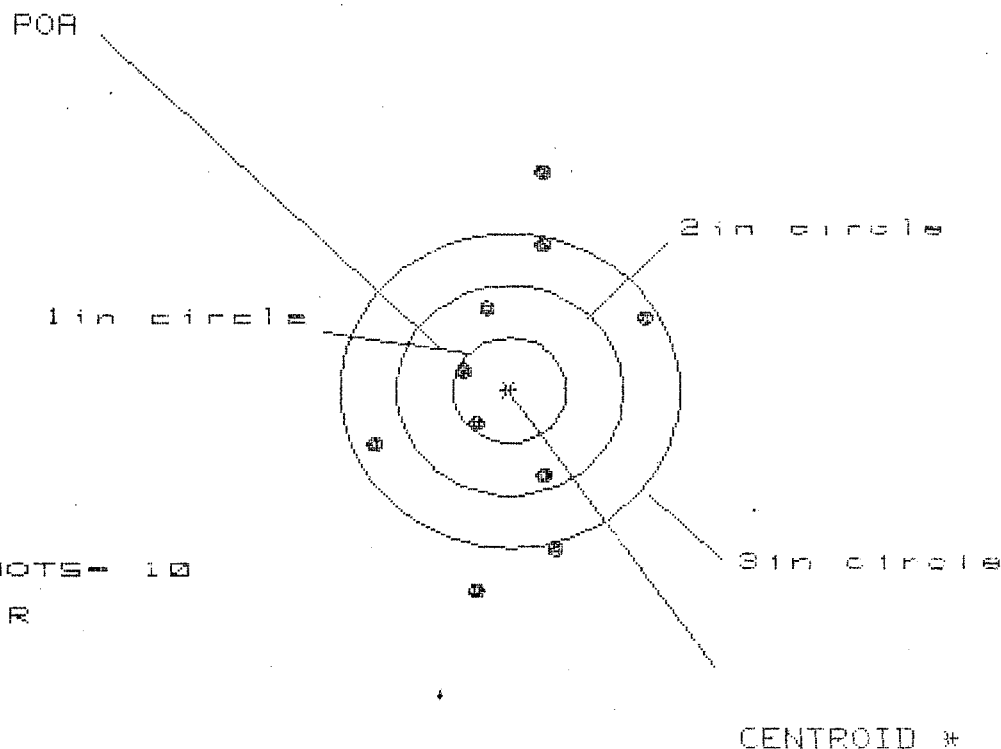
GS= 2.210

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	.846
MINIMUM X	-.665
MAXIMUM Y	1.247
MINIMUM Y	-.949
CENTROID X	.136
CENTROID Y	.019
POA TO CENTROID in.	.137
MIN RADIUS	.148
MEAN RADIUS	.745
MAX RADIUS	1.295
HORIZONTAL SPREAD	1.511
VERTICAL SPREAD	2.196
EXTREME SPREAD	2.210
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	8
NUMBER IN THREE INCH CIRCLE =	10

5 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/ C6665B21

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 4

3 in = 7

HS= 2.389

VS= 4.004

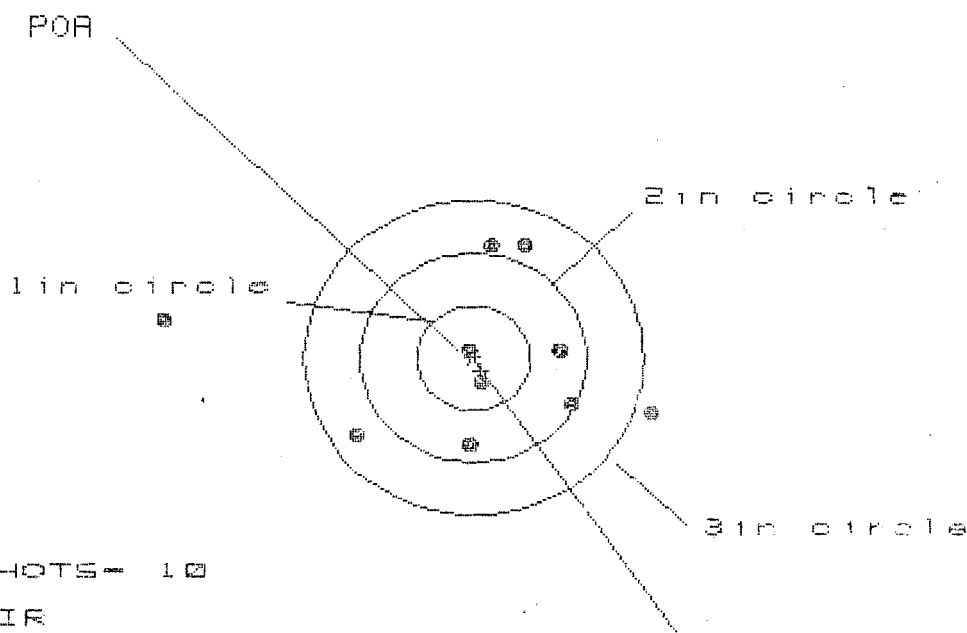
GS= 4.047

PATTERN #	2	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.174	1.205	1.170
MINIMUM X	-1.216	-1.184	-1.219
MAXIMUM Y	2.102	1.658	1.449
MINIMUM Y	-1.902	-1.668	-1.453
CENTROID X	.402	.371	.406
CENTROID Y	-.187	-.421	-.212
POA TO CENTROID in.	.444	.561	.458
1IN RADIUS	.421	.258	.421
MEAN RADIUS	1.229	1.104	1.030
RA RADIUS	2.121	1.691	1.496
HORIZONTAL SPREAD	2.389	2.389	2.389
VERTICAL SPREAD	4.004	3.326	2.902
EXTREME SPREAD	4.047	3.388	2.903
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	7		

6 Oct 1991

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CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1in = 2

2in = 5

3in = 8

AS = 4.200

VS = 1.966

GS = 4.302

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.512	1.213	1.739
MINIMUM X	-2.688	-1.314	-1.162
MAXIMUM Y	1.109	1.153	1.092
MINIMUM Y	-0.857	-0.813	-0.874
CENTROID X	-0.062	.237	.085
CENTROID Y	.127	.083	.144
OA TO CENTROID in.	.141	.251	.167
1st RADIUS	.092	.293	.223
2nd RADIUS	1.076	.071	.803
3rd RADIUS	2.718	1.469	1.367
HORIZONTAL SPREAD	4.200	2.527	1.901
VERTICAL SPREAD	1.966	1.966	1.906
TREME SPREAD	4.302	2.533	2.042
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		