

FORM

UPC



0 47700 25716 7

06665808

INCLUDES 1 IN CHAMBER

MODEL 700 TM M24

5716

ORDER NO.

BARREL LENGTH

CAPACITY*

Remington



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

MODEL 700 TM M24

SERIAL NO.

C6665808

ORDER NO.

5716

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

20



5716 C6665808

ORDER 5716

MODEL 700 TM M24

UPC

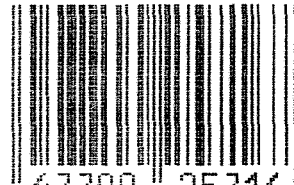
ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7



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MOD. _____ GA. CAL. _____ GUN # 5808

# TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
NF	1st	Safe Hangs up	KS
	10/15		
	2nd	Repairs	KS
	10/15 91		
	3rd		
	4th		

FUNCTION
RD 6654
Rev 1

TEST INIT. ACTION TO CORRECT		ASSEM. #
PROOF		
TEST		
TGT		
PROOF		
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665808

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/23/91	YH
600	Proof		9/23/91	YH
607	Check Headspace		9/23/91	YH
610	Dis-assemble Gun		9/23/91	YH
612	Magnaflux Barrel Action		SEP 30 1991	KR
	Magnaflux Bolt		SEP 30 1991	KR
615	Rollmark Caliber		SEP 30 1991	GL
617	Drill and Tap Sight Holes		SEP 30 1991	FB
618	Polish Barrel		OCT 2 1991	WB
620	Apply Coatings (Barrel Action)		11-2-91	YH
	Apply Coating (Bolt)		11-2-91	YH
625	Final Assembly A) Clean inside of Bolt Assembly		10/8/91	YH
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/8/91	YH
	C) Inspect Ejector Hole for Chamfer		10/8/91	YH
	D) Oil Firing Pin Ass'y		10/8/91	YH
	E) Adjust Trigger Pull to Min Setting and Stake		10/9/91	YH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			10/14/91	SL
	G) Safety Off Force	4	4	4			10/14/91	SL
	H) Trigger Pull Test & Retainability						10/9/91	SL
	I) Firing Pin Indent	.0215	.021	.021			10/14/91	SL
	J) Assemble Stock						10/14/91	SL
	K) Assemble Swivel Studs						10-18-91	AC
	L) Attach Front and Rear Sight Assemblies						10/14/91	SL
	M) Iron Sight Alignment						10/14/91	SL
	N) Detach Front & Rear Sights & place in numbered container						10/14/91	SL
	O) Attach Scope to Rifle						10/14/91	SL
	P) Detach & Attach Scope 20 Times						10/14/91	SL
640	Gallery Target & Test						10-15-91	N
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						10-15-91	NF
655	Final Inspection							
	A) Headspace						10-18-91	AC
	B) Trigger Pull	250	250	251	250	251	10-16-91	DH
	C) Function						10-18-91	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-6665808

DATE 10/9/91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.60	2.41	2.45	2.50	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.34	2.43	2.41	2.50	
PULL #3	2.67	2.43	2.48	2.51	
PULL #4	2.44	2.44	2.46	2.50	
PULL #5	2.39	2.41	2.40	2.51	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.57	3.60		
PULL #2	3.51	3.69		
PULL #3	3.23	3.65		
PULL #4	3.58	3.63		
PULL #5	3.57	3.64		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.28	4.46		4.63
PULL #2	4.52	4.57		4.57
PULL #3	4.52	4.39		4.48
PULL #4	4.45	4.25		4.50
PULL #5	4.24	4.60		4.53
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665808
15 Oct 1991

CENTROIDAL DISTANCES

0 TO	1	.345411
1 TO	2	.643472
1 TO	3	.203679
1 TO	4	.417162
1 TO	5	.319077

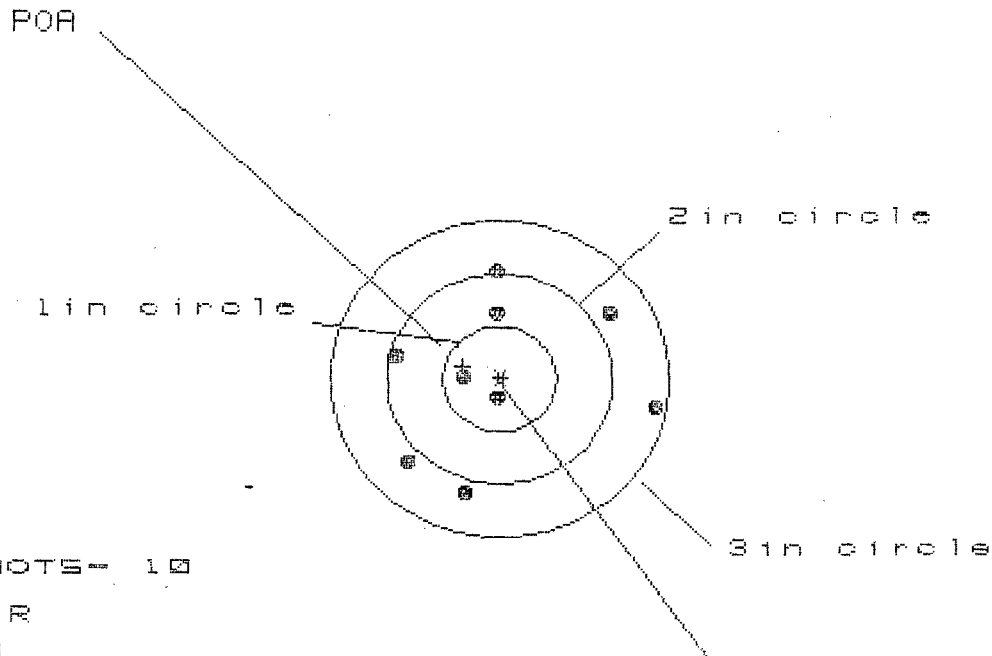
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21 <----POR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0306
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.067
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .073657
THE AMR FOR THIS RIFLE IS: .8462

15 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8665808

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 10

HS= 2.272

VS= 2.106

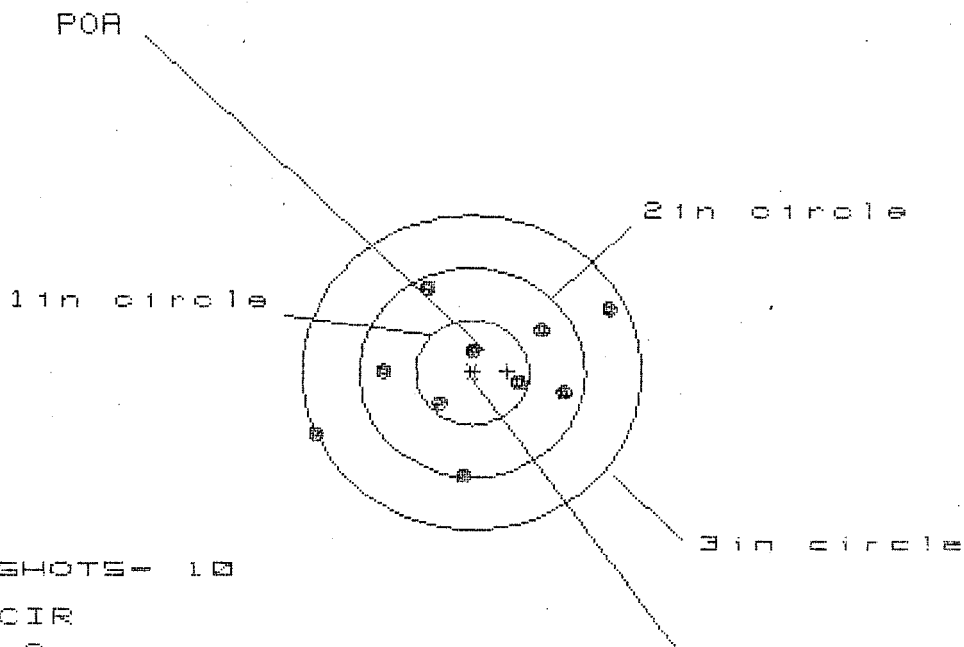
GS= 2.340

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.398	1.126	1.038
MINIMUM X	:	-.874	-.719	-.807
MAXIMUM Y	:	1.007	.972	.871
MINIMUM Y	:	-1.099	-1.134	-1.236
CENTROID X	:	.322	.167	.255
CENTROID Y	:	-.125	-.090	.011
POA TO CENTROID in.	:	.346	.189	.255
MIN RADIUS	:	.132	.144	.245
MEAN RADIUS	:	.796	.710	.669
MAX RADIUS	:	1.434	1.257	1.264
HORIZONTAL SPREAD	:	2.272	1.845	1.845
VERTICAL SPREAD	:	2.106	2.106	2.106
EXTREME SPREAD	:	2.340	2.283	2.136
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			10	

15 Oct 1991

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 3

2in = 8

3in = 9

HS= 2.574

VS= 1.705

GS= 2.850

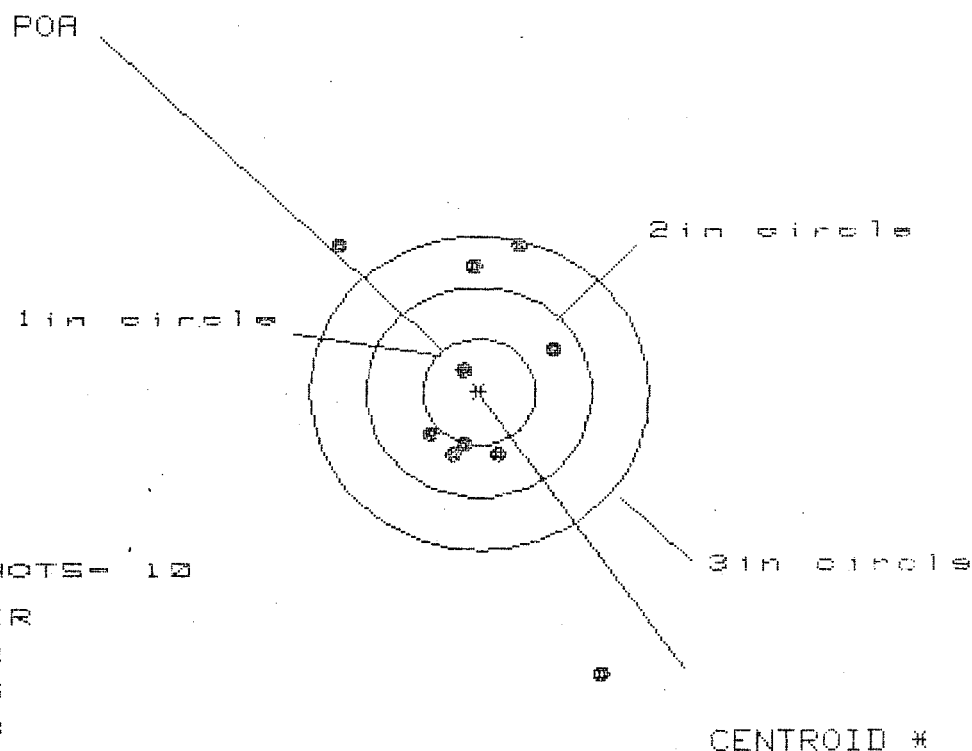
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.173	1.017	.743
MINIMUM X	:	-1.401	-.911	-.784
MAXIMUM Y	:	.769	.701	.772
MINIMUM Y	:	-.936	-1.004	-.933
CENTROID X	:	-.312	-.156	-.283
CENTROID Y	:	-.015	.053	-.018
POA TO CENTROID in.	:	.312	.165	.284
MIN RADIUS	:	.242	.210	.244
MEAN RADIUS	:	.800	.701	.641
MAX RADIUS	:	1.528	1.164	.942
HORIZONTAL SPREAD	:	2.574	1.928	1.527
VERTICAL SPREAD	:	1.705	1.705	1.705
EXTREME SPREAD	:	2.850	2.032	1.731
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 8

HSI = 2.293

VS = 4.081

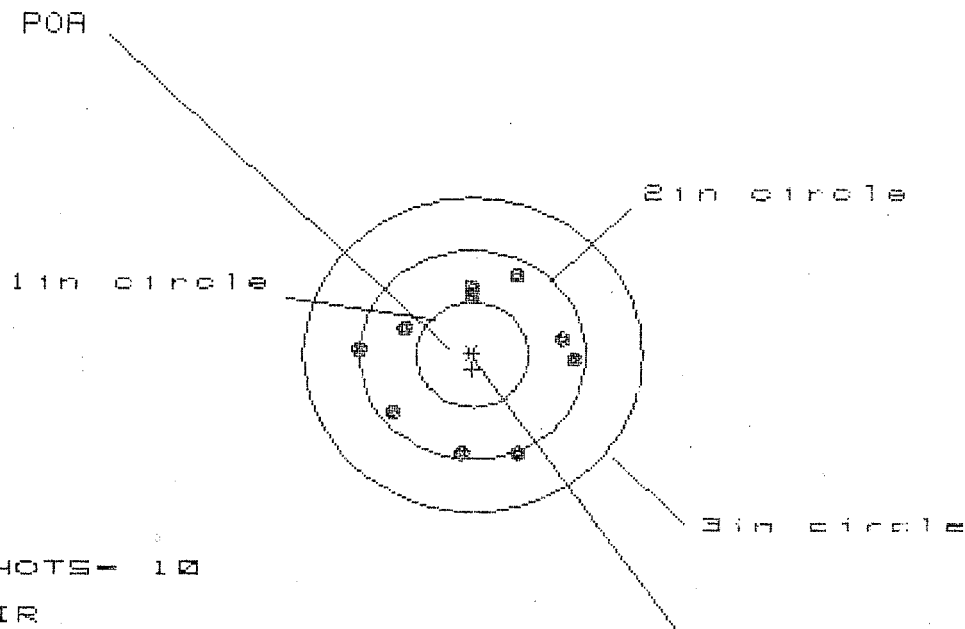
GS = 4.644

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.049	.739	.598
MINIMUM X	-1.244	-1.128	-.441
MAXIMUM Y	1.435	1.141	1.279
MINIMUM Y	-2.646	-.893	-.755
CENTROID X	.136	.020	.161
CENTROID Y	-.208	.086	-.052
POA TO CENTROID in.	.249	.088	.169
MIN RADIUS	.244	.115	.185
MEAN RADIUS	1.066	.876	.758
MAX RADIUS	2.846	1.574	1.314
HORIZONTAL SPREAD	2.293	1.867	1.039
VERTICAL SPREAD	4.081	2.034	2.034
EXTREME SPREAD	4.644	2.425	2.089
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

15 Oct 1991

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 0

2in = 8

3in = 10

HS= 1.942

VS= 1.689

GS= 1.949

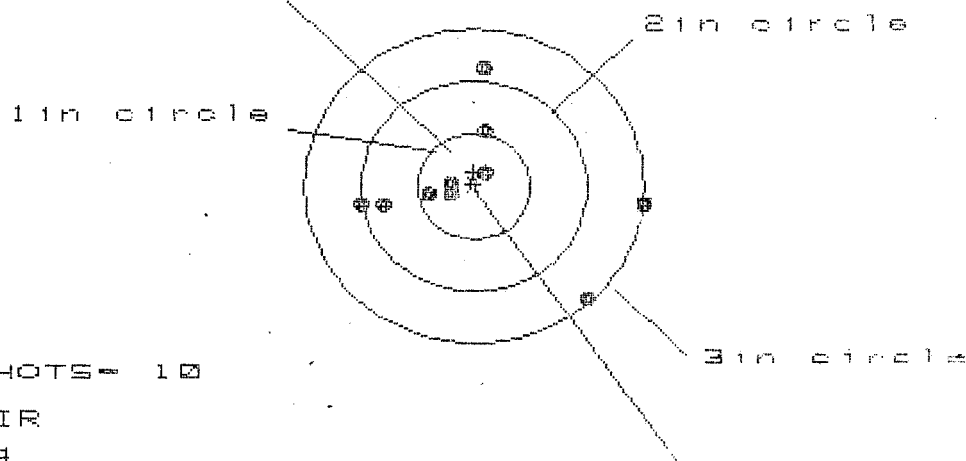
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.917	.803	.840
MINIMUM X	:	-1.025	-.829	-.792
MAXIMUM Y	:	.747	.758	.642
MINIMUM Y	:	-.942	-.931	-1.045
CENTROID X	:	.004	.118	.081
CENTROID Y	:	.145	.134	.250
POA TO CENTROID in.	:	.145	.178	.263
MIN RADIUS	:	.600	.625	.504
MEAN RADIUS	:	.829	.802	.756
MAX RADIUS	:	1.030	.981	1.066
HORIZONTAL SPREAD	:	1.942	1.632	1.632
VERTICAL SPREAD	:	1.689	1.689	1.687
EXTREME SPREAD	:	1.949	1.770	1.770
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 5

POA



OF SHOTS = 10

IN CIR

1in = 4

2in = 5

3in = 10

HS = 2.514

VS = 2.155

GS = 2.514

CENTROID +

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.474	1.126	.443
MINIMUM X	:	-1.040	-.877	-.736
MAXIMUM Y	:	1.099	1.076	.941
MINIMUM Y	:	-1.056	-1.079	-.349
CENTROID X	:	.003	-.160	-.301
CENTROID Y	:	-.132	-.109	.026
POA TO CENTROID in.	:	.132	.194	.302
MIN RADIUS	:	.103	.059	.174
MEAN RADIUS	:	.740	.685	.495
MAX RADIUS	:	1.488	1.560	1.014
HORIZONTAL SPREAD	:	2.514	2.003	1.179
VERTICAL SPREAD	:	2.155	2.155	1.289
EXTREME SPREAD	:	2.514	2.332	1.703
NUMBER IN ONE INCH CIRCLE =			4	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			10	

2 *