

FORM

UPC



0 47700 25716 7

C6666003

INCLUDES 1 IN CHAMBER

ORDER NO.	5716
BARREL LENGTH	
CAPACITY*	

MODEL 700 TM M24

Remington



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

MODEL 700TM M24

SERIAL NO.
C6666003

ORDER NO.
5716

20

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



5716 C6666003

ORDER 5716

MODEL 700TM M24

UPC

ORDER 5716

MODEL 700TM M24

UPC



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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6666003

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/1/91	KH
600	Proof		10/1/91	KH
607	Check Headspace		10/1/91	KH
610	Dis-assemble Gun		10/1/91	KH
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	8 1991	LS
618	Polish Barrel		10/14/91	WB
620	Apply Coatings (Barrel Action)		11/1/91	AB
	Apply Coating (Bolt)		11/1/91	AB
625	Final Assembly		11/6/91	KH
	A) Clean inside of Bolt Assembly		11/6/91	KH
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/6/91	KH
	C) Inspect Ejector Hole for Chamfer		11/6/91	KH
	D) Oil Firing Pin Ass'y		11/6/91	KH
	E) Adjust Trigger Pull to Min Setting and Stake		11-7-91	GH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			11-7-91	JH
	G) Safety Off Force	3	3	3			11-7-91	JH
	H) Trigger Pull Test & Retainability						11-7-91	JH
	I) Firing Pin Indent	022	0215	0215			11-7-91	JH
	J) Assemble Stock						11/7/91	KH
	K) Assemble Swivel Studs						11-19-91	D/H
	L) Attach Front and Rear Sight Assemblies						11/7/91	KH
	M) Iron Sight Alignment						11/7/91	KH
	N) Detach Front & Rear Sights & place in numbered container						11/7/91	KH
	O) Attach Scope to Rifle						11/7/91	KH
	P) Detach & Attach Scope 20 Times						11/7/91	KH
640	Gallery Target & Test						11-11-91	KH
	A) Time						"	KH
	B) Malfunctions						"	KH
	C) Pierced Primers						"	KH
	D) Optical Clarity of Scope						"	KH
645	Inspect for Live Ammo						11-11-91	KH
655	Final Inspection							
	A) Headspace						11-19-91	D/H
	B) Trigger Pull	2.71	2.70	2.74	2.74	2.74	11-13-91	KH
	C) Function						11-17-91	D/H
660	Pack						12-19-91	KH

SWS TRIGGER PULL TEST

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

SERIAL NO. C-6666003

DATE 11-7-91

TESTER JM

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.33	2.60	2.57	2.71	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.35	2.61	2.58	2.70	
PULL #3	2.56	2.49	2.58	2.74	
PULL #4	2.54	2.37	2.49	2.74	
PULL #5	2.54	2.61	2.46	2.74	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.60	3.59		
PULL #2	3.56	3.54		
PULL #3	3.55	3.63		
PULL #4	3.28	3.63		
PULL #5	3.59	3.61		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.49	4.48		4.54
PULL #2	4.41	4.45		4.51
PULL #3	4.48	4.40		4.55
PULL #4	4.46	4.47		4.55
PULL #5	4.46	4.52		4.56
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6666003
11 Nov 1991

CENTROIDAL DISTANCES

0 TO	1	.200385
1 TO	2	.185852
1 TO	3	.154858
1 TO	4	.129757
1 TO	5	.489197

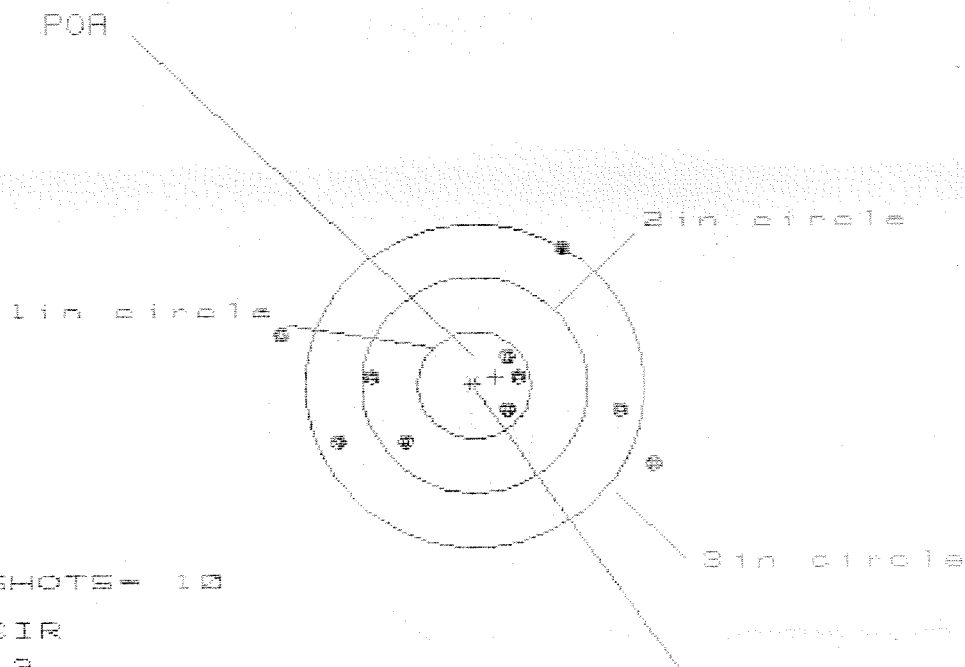
AS C----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0888
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0418
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0909719
WAF FOR THIS RIFLE IS: .9564

(1) Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6666003

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 5

3 in = 8

HS = 3.258

VS = 1.986

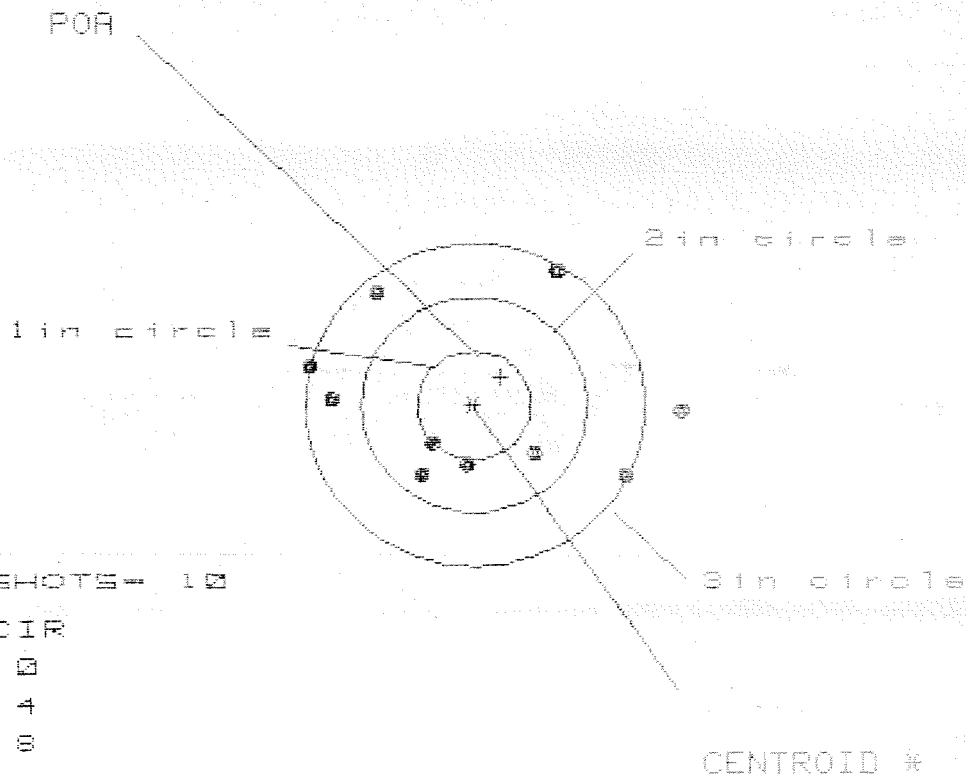
GS = 3.479

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.544	1.354	1.227
MINIMUM X	:	-1.714	-1.436	-1.267
MAXIMUM Y	:	1.271	1.327	1.244
MINIMUM Y	:	-.715	-.659	-.563
CENTROID X	:	-.185	.065	-.164
CENTROID Y	:	-.077	-.133	-.050
POA TO CENTROID in.	:	.201	.133	.172
MIN RADIUS	:	.379	.221	.354
MEAN RADIUS	:	1.051	.934	.874
MAX RADIUS	:	1.786	1.514	1.449
HORIZONTAL SPREAD	:	3.258	2.790	2.494
VERTICAL SPREAD	:	1.986	1.986	1.807
EXTREME SPREAD	:	3.479	2.796	2.782
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

11 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8665003

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 4

3 in = 8

HS= 3.243

VS= 1.925

GS= 3.276

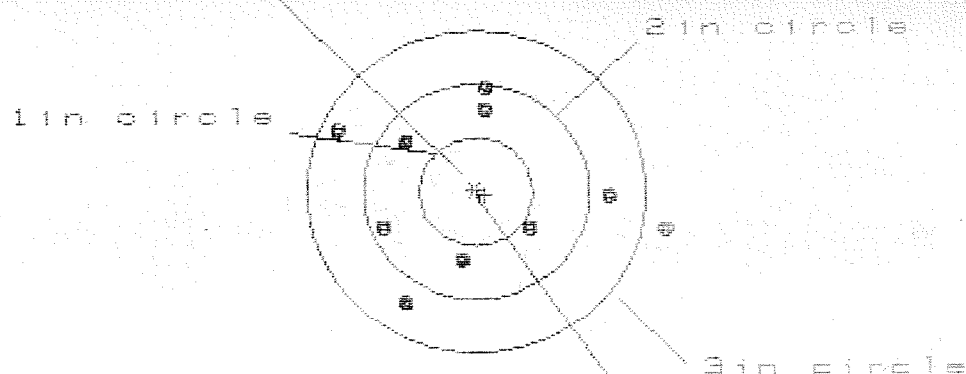
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.804	1.548	1.177
MINIMUM X	:	-1.439	-1.239	-1.045
MAXIMUM Y	:	1.258	1.251	1.167
MINIMUM Y	:	-.667	-.674	-.729
CENTROID X	:	-.235	-.435	-.629
CENTROID Y	:	-.256	-.249	-.165
POA TO CENTROID in.	:	.347	.501	.650
MIN RADIUS	:	.539	.435	.475
MEAN RADIUS	:	1.148	1.048	.961
MAX RADIUS	:	1.805	1.689	1.657
HORIZONTAL SPREAD	:	3.243	2.787	2.222
VERTICAL SPREAD	:	1.925	1.925	1.896
EXTREME SPREAD	:	3.276	2.985	2.381
NUMBER IN ONE INCH CIRCLE	=		9	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

11 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665003

CENTERFIRE PATTERNS # 3

POA



OF SHOTS= 10

IN CIR

1in = 0

2in = 6

3in = 9

HS= 2.880

VS= 2.026

GS= 3.017

CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.688	1.395	1.269
MINIMUM X	:	-1.192	-1.004	-.807
MAXIMUM Y	:	.985	.942	1.002
MINIMUM Y	:	-1.042	-1.084	-1.024
CENTROID X	:	-.075	-.263	-.138
CENTROID Y	:	.032	.074	.014
POA TO CENTROID in.	:	.082	.273	.138
MIN RADIUS	:	.564	.628	.606
MEAN RADIUS	:	1.019	.920	.892
MAX RADIUS	:	1.731	1.397	1.270
HORIZONTAL SPREAD	:	2.880	2.399	2.077
VERTICAL SPREAD	:	2.026	2.026	2.026
EXTREME SPREAD	:	3.017	2.460	2.172
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

11 Nov 1991

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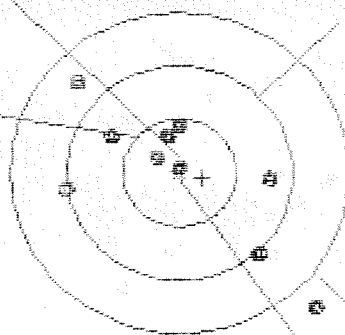
CENTERFIRE PATTERNS # 4

POA

1 in circle

2 in circle

3 in circle



OF SHOTS= 10

IN CIR

1 in = 4

2 in = 6

3 in = 9

HS= 2.186

VS= 2.045

GS= 2.888

CENTROID *

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.181	.948	.857
MINIMUM X	:	-1.005	-.873	-.964
MAXIMUM Y	:	.828	.693	.444
MINIMUM Y	:	-1.217	-.872	-.785
CENTROID X	:	-.199	-.331	-.240
CENTROID Y	:	.052	.187	.100
POA TO CENTROID in.	:	.206	.380	.260
MIN RADIUS	:	.051	.064	.044
MEAN RADIUS	:	.751	.595	.558
MAX RADIUS	:	1.696	1.197	1.071
HORIZONTAL SPREAD	:	2.186	1.821	1.821
VERTICAL SPREAD	:	2.045	1.565	1.229
EXTREME SPREAD	:	2.888	2.200	1.827
NUMBER IN ONE INCH CIRCLE	=	4		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	9		

11 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08686003

CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS= 10

IN CIR

1 in = 2

2 in = 8

3 in = 10

HS= 1.884

VS= 1.889

GS= 2.083

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.889	.833	.782
MINIMUM X	:	-.995	-1.051	-.685
MAXIMUM Y	:	.980	1.043	1.071
MINIMUM Y	:	-.909	-.800	-.772
CENTROID X	:	.290	.346	.477
CENTROID Y	:	.040	-.069	-.097
POA TO CENTROID in.	:	.292	.353	.487
MIN RADIUS	:	.408	.422	.289
MEAN RADIUS	:	.813	.768	.698
MAX RADIUS	:	1.104	1.113	1.190
HORIZONTAL SPREAD	:	1.884	1.884	1.387
VERTICAL SPREAD	:	1.889	1.843	1.843
EXTREME SPREAD	:	2.083	1.972	1.972
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	