

FORM

UPC



0 47700 25716 7

C566660220

INCLUDES 1 IN CHAMBER

MODEL 700 TM M24

ORDER NO. 5716

BARREL LENGTH

Remington



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

MODEL 700 TM M24

SERIAL NO.
C6666020

20

ORDER NO.
5716

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



5716 C6666020

ORDER 5716

MODEL 700 TM M24

UPC



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ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6666020

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/30/91	KR
600	Proof		9/30/91	KR
607	Check Headspace		9/30/91	KR
610	Dis-assemble Gun		9/30/91	KR
612	Magnaflux Barrel Action		OCT 8 1991	KR
	Magnaflux Bolt		OCT 8 1991	KR
615	Rollmark Caliber		OCT 8 1991	LG
617	Drill and Tap Sight Holes		OCT 8 1991	LB
618	Polish Barrel		10/14/91	WB
620	Apply Coatings (Barrel Action)		11/1/91	JS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/5/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/5/91	KS
	C) Inspect Ejector Hole for Chamfer		11/5/91	KS
	D) Oil Firing Pin Ass'y		11/5/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		11-6-91	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			11/1/91	QU
	G) Safety Off Force	4	4	4			11/1/91	QU
	H) Trigger Pull Test & Retainability						11-6-91	QU
	I) Firing Pin Indent	.0205	.0205	.0205			11-6-91	QU
	J) Assemble Stock						11/6/91	QU
	K) Assemble Swivel Studs						11-27-91	AC
	L) Attach Front and Rear Sight Assemblies						11/6/91	QU
	M) Iron Sight Alignment						11/6/91	QU
	N) Detach Front & Rear Sights & place in numbered container						11/6/91	QU
	O) Attach Scope to Rifle						11/6/91	QU
	P) Detach & Attach Scope 20 Times						11/6/91	QU
640	Gallery Target & Test						11-21-91	QU
	A) Time						"	QU
	B) Malfunctions						"	QU
	C) Pierced Primers						"	QU
	D) Optical Clarity of Scope						"	QU
645	Inspect for Live Ammo						11-21-91	QU
655	Final Inspection							
	A) Headspace						11-27-91	AC
	B) Trigger Pull	269	260	270	272	269	11-25-91	QU
	C) Function						11-27-91	AC
660	Pack						12-17-91	QU

TIME

ETAG

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO C-6666020DATE 11-6-91TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.54	2.58	2.50	2.69	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.51	2.60	2.55	2.60	
PULL #3	2.39	2.45	2.48	2.70	
PULL #4	2.60	2.59	2.60	2.72	
PULL #5	2.38	2.61	2.62	2.69	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.39	3.46		
PULL #2	3.67	3.55		
PULL #3	3.23	3.45		
PULL #4	3.41	3.34		
PULL #5	3.48	3.50		
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	4.34		4.60
PULL #2	4.47	4.37		4.33
PULL #3	4.38	4.51		4.40
PULL #4	4.49	4.40		4.18
PULL #5	4.52	4.47		4.51
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6666020
22 Nov 1991

CENTROIDAL DISTANCES

0 TO 1	.11136
1 TO 2	.23282
1 TO 3	.186132
1 TO 4	.323501
1 TO 5	.088459

35 <----POI

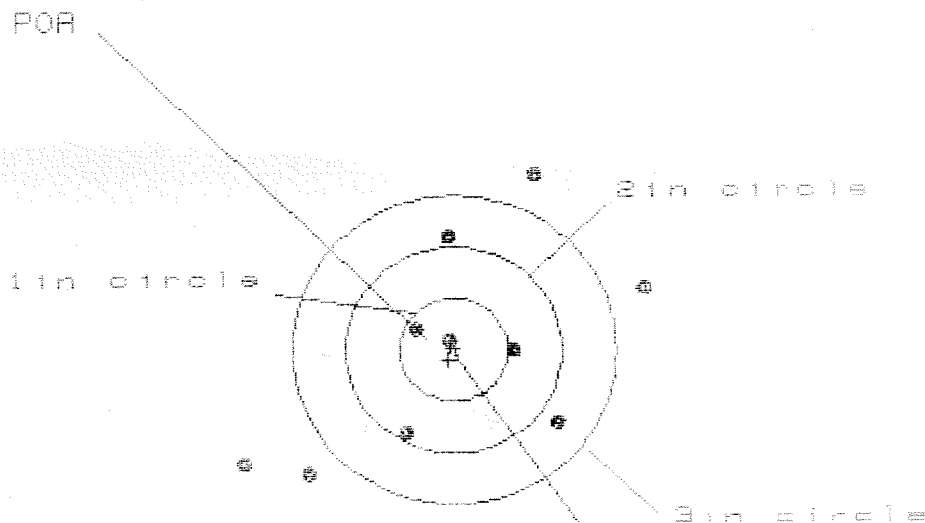
COORDINATE FOR THIS RIFLE IS: .045
COORDINATE FOR THIS RIFLE IS: -.0172
EDGE POI RADIUS FOR THIS RIFLE IS: .0481751
RIFLE IS: 1.069

21 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8866020

CENTERFIRE PATTERNS

1



OF SHOTS = 10

IN CIR

1in = 2

2in = 4

3in = 6

HS = 2.5556

VS = 2.963

GS = 4.004

CENTROID #

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.744	1.530	1.603
MINIMUM X	:	-1.922	-1.588	-1.515
MAXIMUM Y	:	1.716	1.599	1.182
MINIMUM Y	:	-1.247	-1.364	-1.164
CENTROID X	:	.049	.263	.190
CENTROID Y	:	.100	.217	.017
POR TO CENTROID IN.	:	.112	.341	.191
MIN RADIUS	:	.124	.272	.277
MEAN RADIUS	:	1.282	1.085	1.002
MAX RADIUS	:	2.191	2.093	1.910
HORIZONTAL SPREAD	:	3.666	3.118	3.118
VERTICAL SPREAD	:	2.963	2.963	2.346
EXTREMUM SPREAD	:	4.004	3.674	3.602
NUMBER ONE INCH CIRCLE	=		2	
NUMBER TWO INCH CIRCLE	=		4	
NUMBER THREE INCH CIRCLE	=		6	

21 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06666020

CENTERFIRE PATTERNS

2

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 0

2in = 3

3in = 7

HS= 2.473

VS= 2.608

GS= 3.216

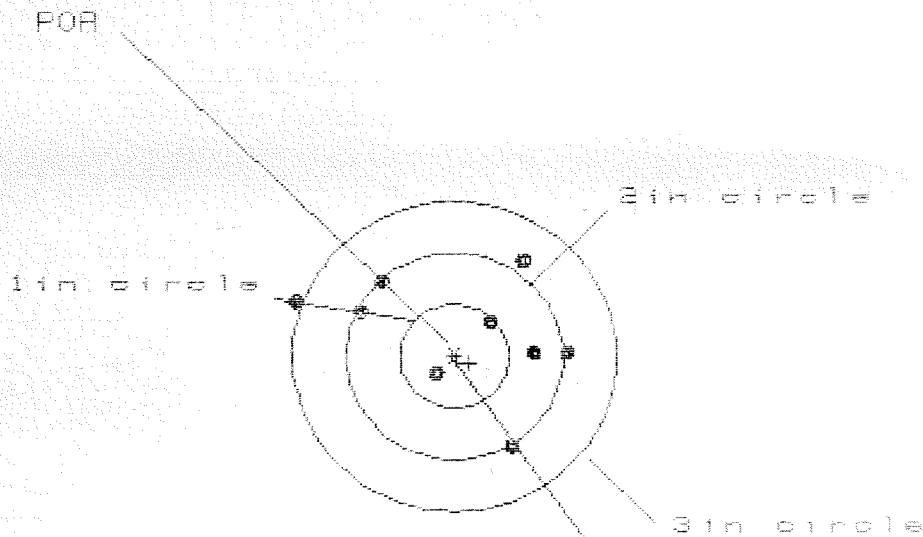
PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.114	.965	.811
MINIMUM X	-1.359	-1.236	-.981
MAXIMUM Y	1.343	1.203	1.284
MINIMUM Y	-1.265	-1.153	-1.072
CENTROID X	.143	.020	.174
CENTROID Y	-.113	.027	-.054
POA TO CENTROID in.	.183	.034	.182
MIN RADIUS	.850	1.000	.830
MEAN RADIUS	1.208	1.161	1.105
MAX RADIUS	1.685	1.395	1.505
HORIZONTAL SPREAD	2.473	2.201	1.792
VERTICAL SPREAD	2.608	2.356	2.356
EXTREME SPREAD	3.216	2.504	2.465
NUMBER IN ONE INCH CIRCLE	=	0	
NUMBER IN TWO INCH CIRCLE	=	3	
NUMBER IN THREE INCH CIRCLE	=	7	

21 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/065660020

CENTERFIRE PATTERNS

3



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS= 2.487

VS= 2.786

GS= 2.900

CENTROID #

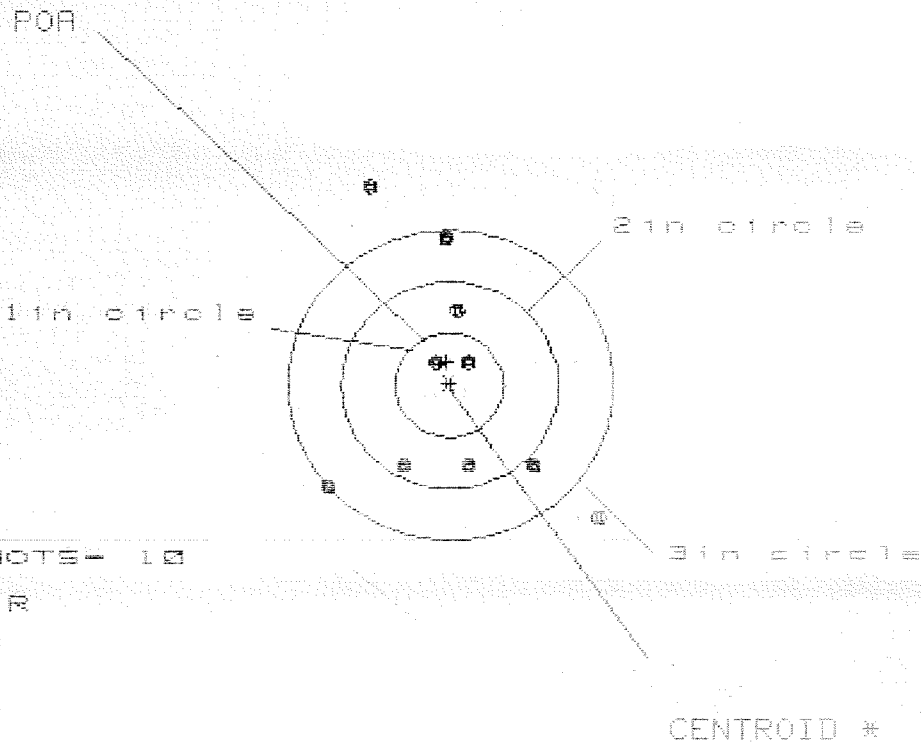
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.050	1.035	.853
MINIMUM X	:	-1.437	-1.452	-1.034
MAXIMUM Y	:	.961	.758	.796
MINIMUM Y	:	-1.825	-1.111	-1.073
CENTROID X	:	-.134	-.119	.063
CENTROID Y	:	.066	.269	.231
POR TO CENTROID in.:	:	.150	.294	.239
MIN RADIUS	:	.264	.331	.205
MEAN RADIUS	:	1.003	.896	.791
MAX RADIUS	:	1.831	1.484	1.124
HORIZONTAL SPREAD	:	2.487	2.487	1.887
VERTICAL SPREAD	:	2.786	1.889	1.869
EXTREME SPREAD	:	2.900	2.540	2.055
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

21 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08666020

CENTERFIRE PATTERNS

4



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 2.528

VS= 3.198

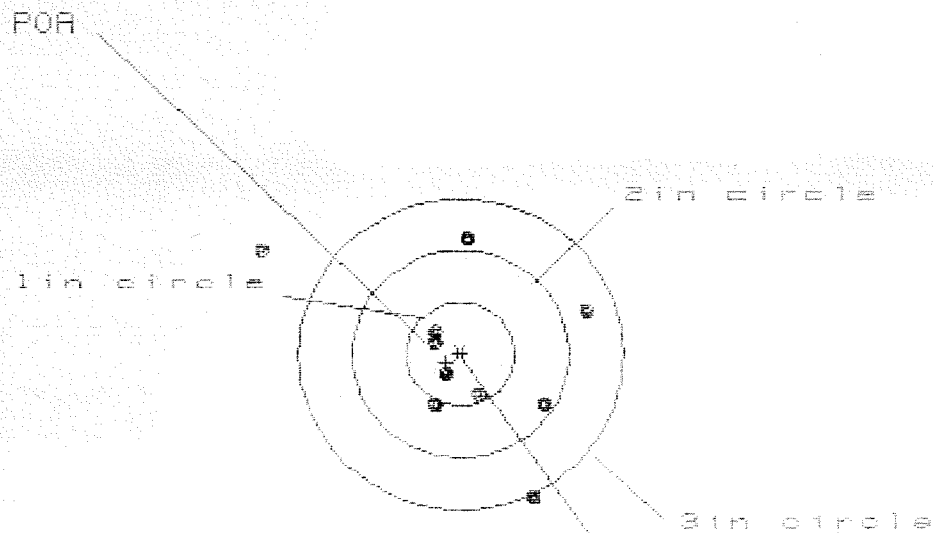
GS= 3.876

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.417	1.331	.827
MINIMUM X	-1.111	-1.197	-1.030
MAXIMUM Y	1.937	1.654	1.523
MINIMUM Y	-1.261	-1.046	-.910
CENTROID X	.031	.117	-.050
CENTROID Y	-.223	-.438	-.307
POA TO CENTROID in.	.225	.453	.312
MIN RADIUS	.232	.409	.333
MEAN RADIUS	1.008	.970	.859
MAX RADIUS	2.085	1.693	1.525
HORIZONTAL SPREAD	2.528	2.528	1.857
VERTICAL SPREAD	3.198	2.700	2.434
EXTREME SPREAD	3.876	3.053	2.673
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		8	

21 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08685020

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 4

2in = 6

3in = 9

HS= 2.993

VS= 2.436

GS= 3.426

CENTROID *

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.115	.913	.966
MINIMUM X	-1.818	-.456	-.483
MAXIMUM Y	1.080	1.196	1.041
MINIMUM Y	-1.356	-1.248	-.510
CENTROID X	.106	.338	.285
CENTROID Y	.084	-.032	.123
POA TO CENTROID in.	.160	.339	.310
MIN RADIUS	.237	.280	.378
MEAN RADIUS	.852	.721	.642
MAX RADIUS	2.097	1.311	1.048
HORIZONTAL SPREAD	2.933	1.369	1.369
VERTICAL SPREAD	2.436	2.436	1.551
EXTREME SPREAD	3.426	2.588	1.719
NUMBER IN ONE INCH CIRCLE	=	4	
NUMBER IN TWO INCH CIRCLE	=	6	
NUMBER IN THREE INCH CIRCLE	=	9	