

FORM

UPC



0 47700 25716 2

C6666013

*INCLUDES 1 IN CHAMBER

CAPACITY*

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.
C6666013

ORDER NO.
5716

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

20



5716 C6666013

ORDER **5716**
MODEL 700 TM M24

UPC



0 47700 25716 7

ORDER **5716**
MODEL 700 TM M24

UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

26666013

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/1/91	KL
600	Proof		10/1/91	KL
607	Check Headspace		10/1/91	KL
610	Dis-assemble Gun		10/1/91	KL
612	Magnaflux Barrel Action		OCT 8 1991	KR
	Magnaflux Bolt		OCT 8 1991	KR
615	Rollmark Caliber		OCT 8 1991	GS
617	Drill and Tap Sight Holes		OCT 8 1991	LB
618	Polish Barrel		10/4/91	WB
620	Apply Coatings (Barrel Action)		11-1-91	KL
	Apply Coating (Bolt)			KL
625	Final Assembly A) Clean inside of Bolt Assembly		11/1/91	KL
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/1/91	KL
	C) Inspect Ejector Hole for Chamfer		11/1/91	KL
	D) Oil Firing Pin Ass'y		11/1/91	KL
	E) Adjust Trigger Pull to Min Setting and Stake		11-4-91	KL

op. #	OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	6	6	6	11-4-91	RL		
	G) Safety Off Force	4	4	4	11-4-91	RL		
	H) Trigger Pull Test & Retainability				11-4-91	RL		
	I) Firing Pin Indent	.0215	.0215	.0215	11-4-91	RL		
	J) Assemble Stock				11/5/91	RL		
	K) Assemble Swivel Studs				11-27-91	AC		
	L) Attach Front and Rear Sight Assemblies				11/5/91	RL		
	M) Iron Sight Alignment				11/5/91	RL		
	N) Detach Front & Rear Sights & place in numbered container				11/5/91	RL		
	O) Attach Scope to Rifle				11/5/91	RL		
	P) Detach & Attach Scope 20 Times				11/5/91	RL		
640	Gallery Target & Test				11-6-91	DH		
	A) Time				11-6-91	DH		
	B) Malfunctions				11-6-91	DH		
	C) Pierced Primers				11-6-91	DH		
	D) Optical Clarity of Scope				11-6-91	DH		
645	Inspect for Live Ammo				11-6-91	DH		
655	Final Inspection							
	A) Headspace				11-27-91	AC		
	B) Trigger Pull	276	268	277	277	281	11-6-91	DH
	C) Function						11-27-91	AC
660	Pack						12-18-91	NF

MOD. _____		GA. CAL. _____	GUN # _____	ASSEM. # _____
#	DATE	MALFUNCTION/DEFECT		#
1st	11-6-91	weak mag spring		KS
2nd	11-7-91	New Mag SPG		KS
3rd				
4th				
		FUNCTION		RD 6654 Rev 1

TEST INIT. ACTION TO CORRECT		ASSEM. #
PROOF	<i>Test OK</i> <i>11-26-91</i> <i>DH</i>	
TEST		
TGT		
PROOF		
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

-2.50#+.50#
3.00#+.75#
-4.00#+.1.00#

SERIAL NO. C6666013

DATE 11-4-91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.19	2.44	2.48	276	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.45	2.45	2.57	268	
PULL #3	2.45	2.41	2.41	277	
PULL #4	2.44	2.46	2.44	277	
PULL #5	2.48	2.44	2.40	281	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.54	3.60		
PULL #2	3.60	3.37		
PULL #3	3.32	3.51		
PULL #4	3.58	3.40		
PULL #5	3.59	3.63		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.31	4.24		4.39
PULL #2	4.25	4.40		4.37
PULL #3	4.46	4.25		4.38
PULL #4	4.38	4.40		4.41
PULL #5	4.34	4.37		4.28
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06666013
6 Nov 1991

CENTROIDAL DISTANCES

0 TO 1	.606842
1 TO 2	.531008
1 TO 3	.241868
1 TO 4	.0630079
1 TO 5	.47821

$\frac{5}{4}$ (----POA

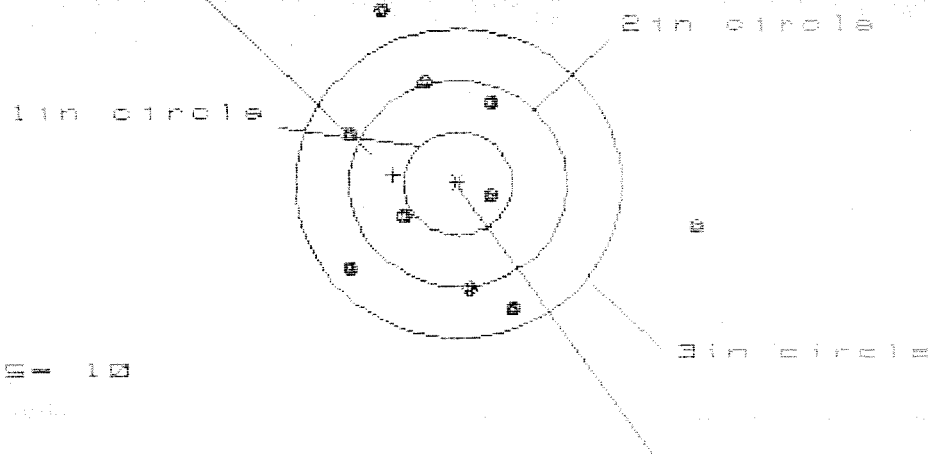
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .4762
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0462
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .476436
THE AMP FOR THIS RIFLE IS: .9298

6 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C656B0013

CENTERFIRE PATTERNS # 1

FOR



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 8

HS= 3.223

VS= 2.895

GS= 3.593

CENTROID #

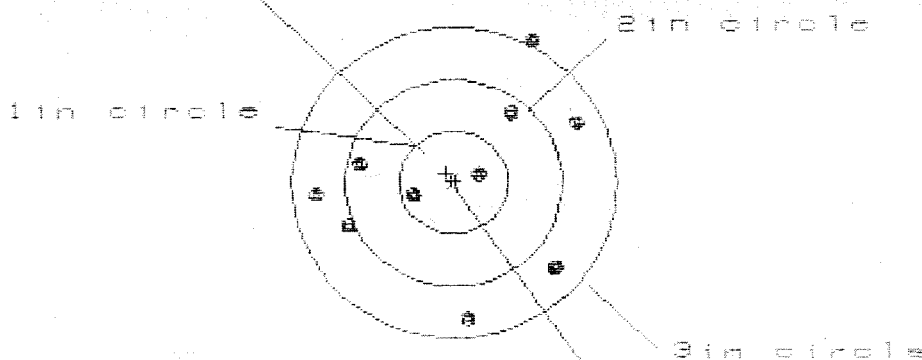
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.239	.721	.666
MINIMUM X	:	-.985	-.736	-.791
MAXIMUM Y	:	1.688	1.644	1.098
MINIMUM Y	:	-1.207	-1.251	-1.046
CENTROID X	:	.601	.352	.407
CENTROID Y	:	-.084	-.040	-.245
FOR TO CENTROID in.	:	.606	.354	.475
MIN RADIUS	:	.372	.445	.360
MEAN RADIUS	:	1.160	1.016	.909
MAX RADIUS	:	2.273	1.701	1.240
HORIZONTAL SPREAD	:	3.223	1.457	1.457
VERTICAL SPREAD	:	2.895	2.895	2.144
EXTREME SPREAD	:	3.593	3.119	2.274
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

6 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08688013

CENTERFIRE PATTERNS # 2

POB



OF SHOTS= 10

IN CIR

1in = 2

2in = 4

3in = 9

HE= 2.457

VS= 2.698

GS= 2.762

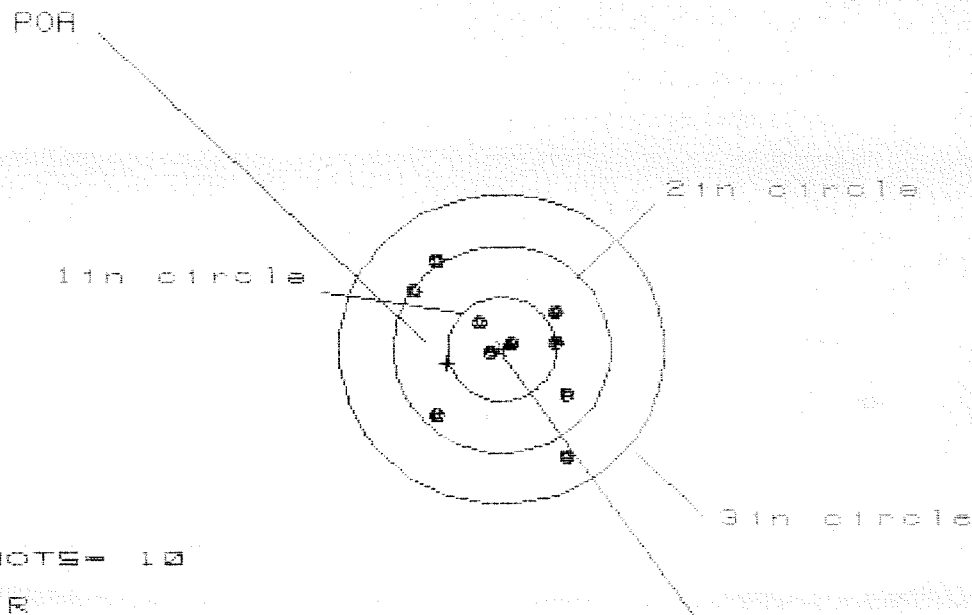
CENTROID #

PATTERN #	2	9	3
SHOTS (BEST OF)	10	9	3
MAXIMUM X	1.138	1.214	1.059
MINIMUM X	-1.319	-1.243	-1.083
MAXIMUM Y	1.415	.796	.800
MINIMUM Y	-1.283	-1.126	-1.122
CENTROID X	.070	-.006	.149
CENTROID Y	-.081	-.238	-.242
POB TO CENTROID in.	.107	.238	.284
MIN RADIUS	.215	.334	.266
MEAN RADIUS	1.017	.950	.912
MAX RADIUS	1.574	1.402	1.272
HORIZONTAL SPREAD	2.457	2.457	2.142
VERTICAL SPREAD	2.698	1.922	1.922
EXTREME SPREAD	2.762	2.548	2.363
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	9		

6 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8568013

CENTERFIRE PATTERNS # 3



OF SHOTS= 10
IN CIR
1in = 4
2in = 8
3in = 10
HS= 1.416
VS= 1.833
GS= 2.173

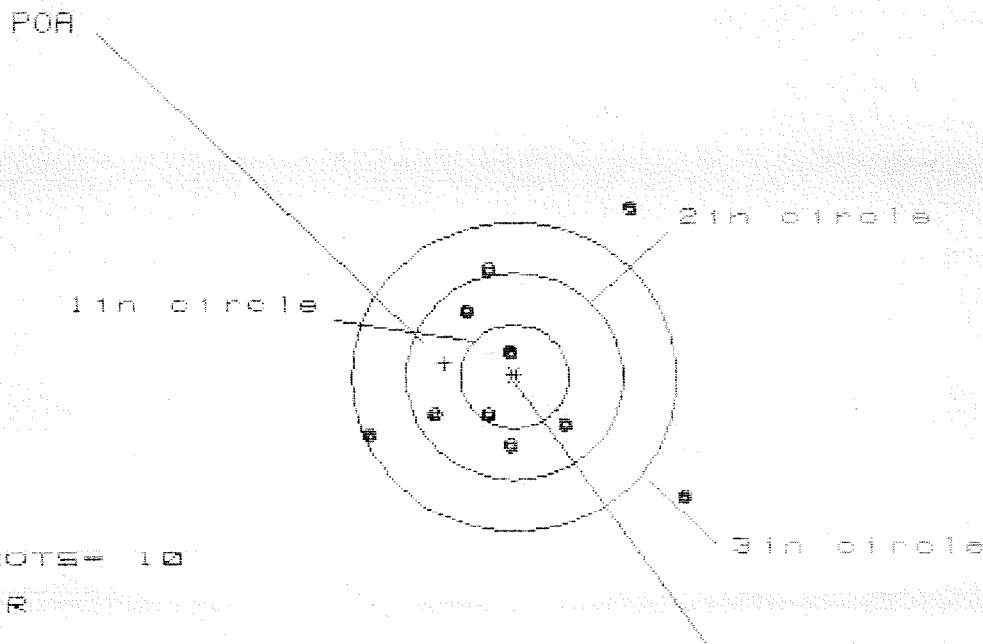
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.604	.632	.570
MINIMUM X	:	-.812	-.745	-.887
MAXIMUM Y	:	.825	.712	.554
MINIMUM Y	:	-1.008	-.792	-.703
CENTROID X	:	.505	.438	.500
CENTROID Y	:	.138	.250	.161
POA TO CENTROID in.	:	.523	.504	.525
MIN RADIUS	:	.063	.135	.071
MEAN RADIUS	:	.637	.574	.523
MAX RADIUS	:	1.175	.936	.979
HORIZONTAL SPREAD	:	1.416	1.377	1.377
VERTICAL SPREAD	:	1.833	1.504	1.257
EXTREME SPREAD	:	2.173	1.716	1.716
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

6 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8666013

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 2.888

VS= 2.833

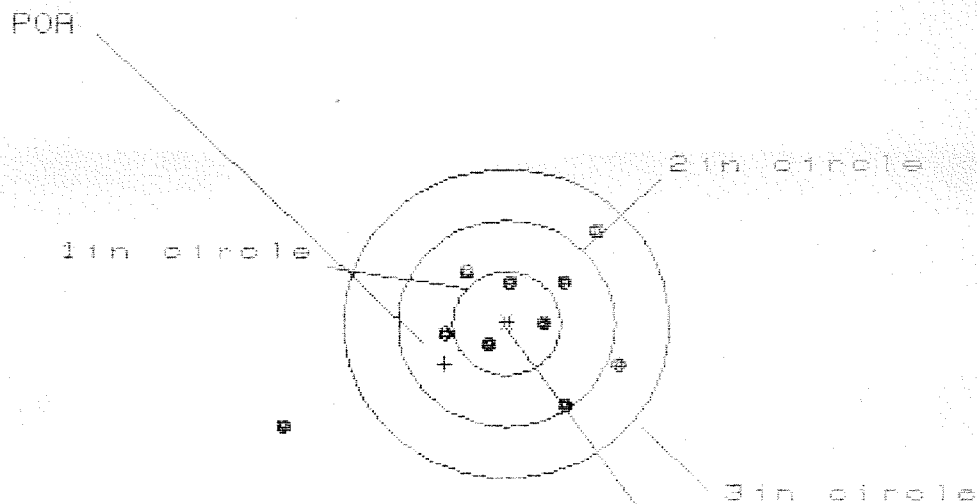
GS= 3.318

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.532	1.654	.795
MINIMUM X	:	-1.356	-1.234	-1.028
MAXIMUM Y	:	1.669	1.182	1.059
MINIMUM Y	:	-1.164	-.978	-.591
CENTROID X	:	.638	.516	.310
CENTROID Y	:	-.135	-.321	-.198
POA TO CENTROID in.	:	.652	.608	.368
MIN RADIUS	:	.273	.174	.289
MEAN RADIUS	:	.994	.846	.794
MAX RADIUS	:	1.997	1.921	1.145
HORIZONTAL SPREAD	:	2.888	2.888	1.823
VERTICAL SPREAD	:	2.833	2.160	1.650
EXTREME SPREAD	:	3.318	2.949	1.900
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

8 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6666013

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 3

2in = 7

3in = 9

HS= 3.147

VS= 1.895

GS= 3.488

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.031	.796	.867
MINIMUM X	:	-2.116	-.889	-.738
MAXIMUM Y	:	.946	.840	.492
MINIMUM Y	:	-.950	-.868	-.763
CENTROID X	:	.567	.802	.731
CENTROID Y	:	.393	.499	.394
POA TO CENTROID in.	:	.690	.944	.830
MIN RADIUS	:	.237	.120	.161
MEAN RADIUS	:	.841	.644	.595
MAX RADIUS	:	2.319	1.014	.951
HORIZONTAL SPREAD	:	3.147	1.605	1.605
VERTICAL SPREAD	:	1.895	1.708	1.255
EXTREME SPREAD	:	3.488	1.731	1.642
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	