

FORM

UPC



0 47700 25716 7

06665940

*INCLUDES 1 IN CHAMBER

CAPACITY*

BARREL LENGTH

MODEL 700 TM M24

ORDER NO. 5715

Remington



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

MODEL 700 TM M24

SERIAL NO.

C6665940

ORDER NO.

5716

20

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



5716 C6665940

ORDER 5716

MODEL 700 TM M24

UPC

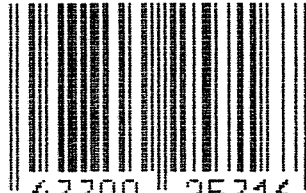


0 47700 25716 7

ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665940

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/24/91	YK
600	Proof		9/24/91	YK
607	Check Headspace		9/24/91	YK
610	Dis-assemble Gun		9/24/91	YK
612	Magnaflux Barrel Action		SEP 30 1991	KR
	Magnaflux Bolt		SEP 30 1991	KR
615	Rollmark Caliber		SEP 30 1991	LS
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	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/8/91	YK
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/8/91	YK
	C) Inspect Ejector Hole for Chamfer		10/8/91	YK
	D) Oil Firing Pin Ass'y		10/8/91	YK
	E) Adjust Trigger Pull to Min Setting and Stake		10-9-91	D/H

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	6			10-9-91	K
	G) Safety Off Force	4	4	4			10-9-91	K
	H) Trigger Pull Test & Retainability						10-9-91	D/H
	I) Firing Pin Indent	.022	.022	.022			10-9-91	K
	J) Assemble Stock						10/15/91	K
	K) Assemble Swivel Studs						10-18-91	K
	L) Attach Front and Rear Sight Assemblies						10/15/91	K
	M) Iron Sight Alignment						10/15/91	K
	N) Detach Front & Rear Sights & place in numbered container						10/15/91	K
	O) Attach Scope to Rifle						10/15/91	K
	P) Detach & Attach Scope 20 Times						10/15/91	K
640	Gallery Target & Test						10/16/91	ICT
	A) Time						"	ICT
	B) Malfunctions						"	ICT
	C) Pierced Primers						"	ICT
	D) Optical Clarity of Scope						"	ICT
645	Inspect for Live Ammo						10/16/91	K
655	Final Inspection							
	A) Headspace						10-18-91	K
	B) Trigger Pull	277	278	276	277	277	10-17-91	D/H
	C) Function						10-18-91	K
660	Pack						12-18-91	N

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6665940

DATE 10-9-91

TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.47	2.69	2.58	277	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.56	2.63	2.68	278	
PULL #3	2.73	2.55	2.64	276	
PULL #4	2.78	2.63	2.57	277	
PULL #5	2.61	2.64	2.70	277	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.25	3.24		
PULL #2	3.20	3.26		
PULL #3	3.22	3.14		
PULL #4	3.22	3.03		
PULL #5	3.18	3.18		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.21	4.05		4.41
PULL #2	3.98	4.08		4.40
PULL #3	4.04	4.11		4.45
PULL #4	4.11	3.97		4.45
PULL #5	4.05	4.09		4.42
TOTAL				
AVG.				

40-1

40-2

40-3

40-4

16 JHR.

40-5

40-6

24 JHR.

WEEK'S
VHC

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665940
16 Oct 1991

CENTROIDAL DISTANCES

0 TO	1	.181232
1 TO	2	.197203
1 TO	3	.405291
1 TO	4	.10373
1 TO	5	.248719

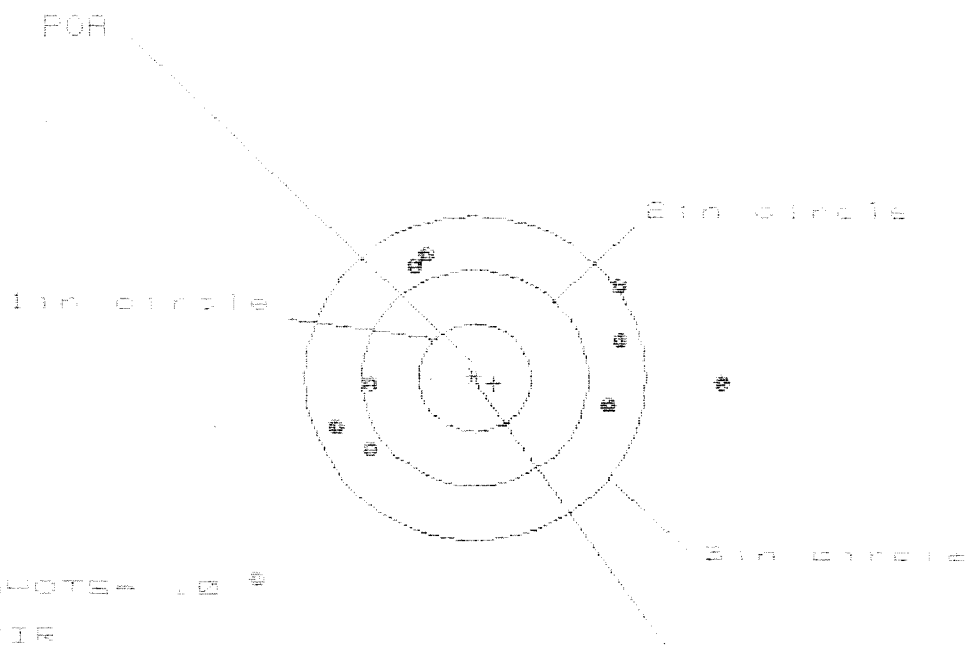
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THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0104
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0308
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0325087
THE AMR FOR THIS RIFLE IS: 1.098

18 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06065340

CENTERFIRE PATTERNS # 1



OF SHOTS = 9

IN CIR

1 in = 0

2 in = 1

3 in = 8

MEAN = 4.148

SE = 2.958

GS = 4.492

CENTROID #

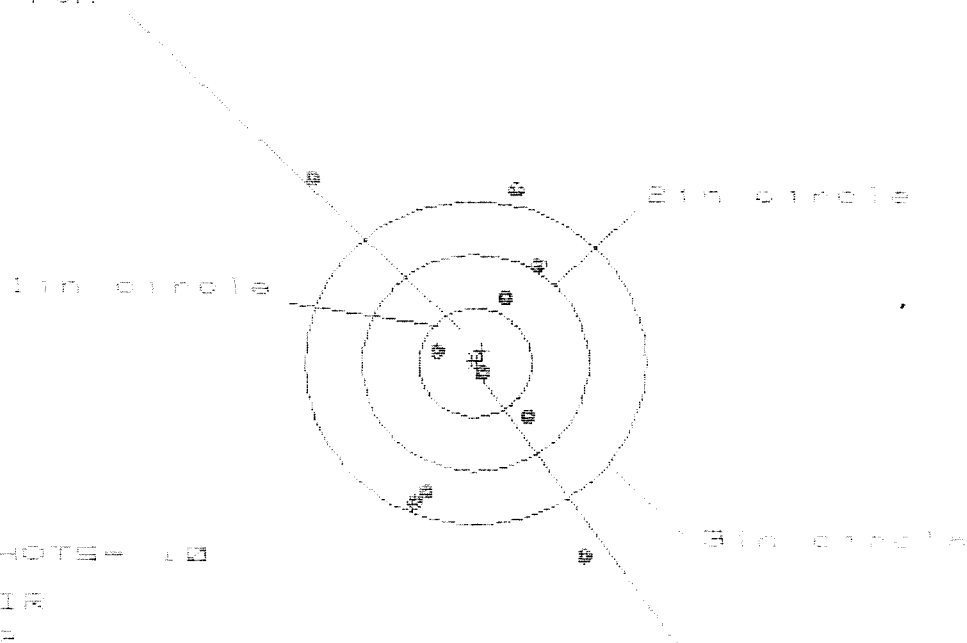
PATTERN #	1	2	3
POINTS - BEST OF	10	9	8
MAXIMUM X	2.182	1.963	1.295
MINIMUM X	-1.966	-1.486	-1.166
MAXIMUM Y	1.142	.941	.904
MINIMUM Y	-1.816	-.842	-.879
CEXOID X	-1.173	.046	-.200
CEYOID Y	.054	.255	.232
CEXOID CEYOID (in)	.181	.259	.354
1 IN RADIUS	.926	1.057	.952
2 IN RADIUS	1.456	1.300	1.185
3 IN RADIUS	2.676	1.985	1.389
1 IN RADIUS SPREAD	4.148	3.369	2.455
2 IN RADIUS SPREAD	2.958	1.783	1.788
3 IN RADIUS SPREAD	4.492	3.388	2.732
1 IN ONE INCH CIRCLE	=	0	
2 IN TWO INCH CIRCLE	=	1	
3 IN THREE INCH CIRCLE	=	8	

18 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08065340

CENTERFIRE PATTERNS # 2

FOR



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 4

3 in = 7

HS= 2.346

VS= 3.448

GS= 4.179

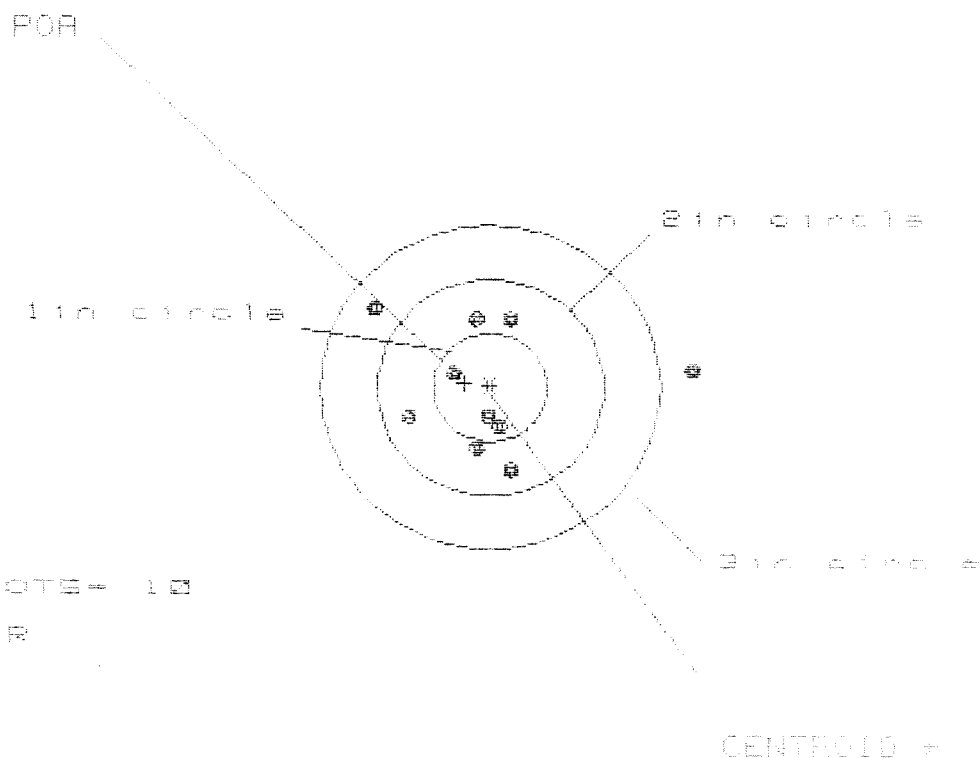
CENTROID +

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.928	.771	.477
MINIMUM X	:	-1.418	-1.654	-1.558
MAXIMUM Y	:	1.705	1.758	1.584
MINIMUM Y	:	-1.743	-1.553	-1.301
CENTROID X	:	-.065	.092	-.004
CENTROID Y	:	-.111	-.301	-.107
ADJ TO CENTROID in:	:	.129	.315	.107
1 in RADIUS	:	.118	.140	.102
2 in RADIUS	:	1.134	1.009	.891
3 in RADIUS	:	2.218	1.770	1.593
HORIZONTAL SPREAD	:	2.346	1.425	1.035
VERTICAL SPREAD	:	3.448	3.311	2.865
DIAGONE SPREAD	:	4.179	3.359	2.992
SHOTS IN ONE INCH CIRCLE	=	2		
SHOTS IN TWO INCH CIRCLE	=	4		
SHOTS IN THREE INCH CIRCLE	=	7		

16 Oct 1981

FILE:/PATTERNING/CENTERFIRE_PATT/06665940

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 6

3 in = 9

ME= 2.812

CS= 1.483

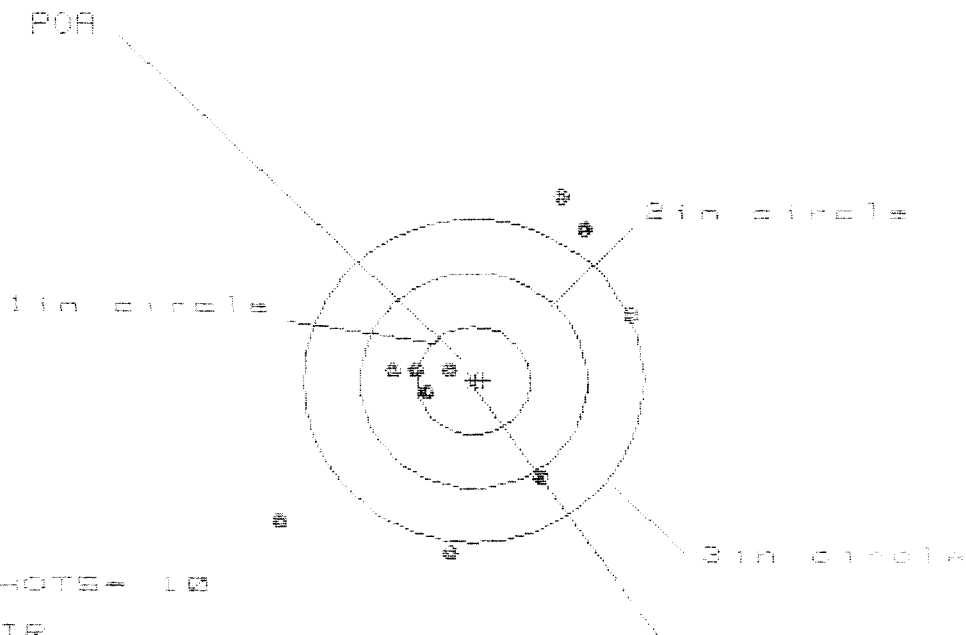
GS= 2.885

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.890	.423	.922
MINIMUM X	-1.312	-.913	-.617
MAXIMUM Y	.737	.747	.791
MINIMUM Y	-.746	-.736	-.643
CENTROID X	.221	.021	.122
CENTROID Y	-.041	-.051	-.144
POA TO CENTROID (in.)	.224	.055	.189
1 in RADIUS	.280	.282	.283
MEAN RADIUS	.757	.615	.533
4 in RADIUS	1.802	1.104	.839
HORIZONTAL SPREAD	2.812	1.236	.939
VERTICAL SPREAD	1.483	1.483	1.434
EXTREME SPREAD	2.885	1.931	1.435
9 OVER IN ONE INCH CIRCLE =		3	
10 OVER IN TWO INCH CIRCLE =		8	
1 OVER IN THREE INCH CIRCLE =		9	

16 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08865940

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 4

3 in = 5

HS= 3.147

VS= 3.345

GS= 3.881

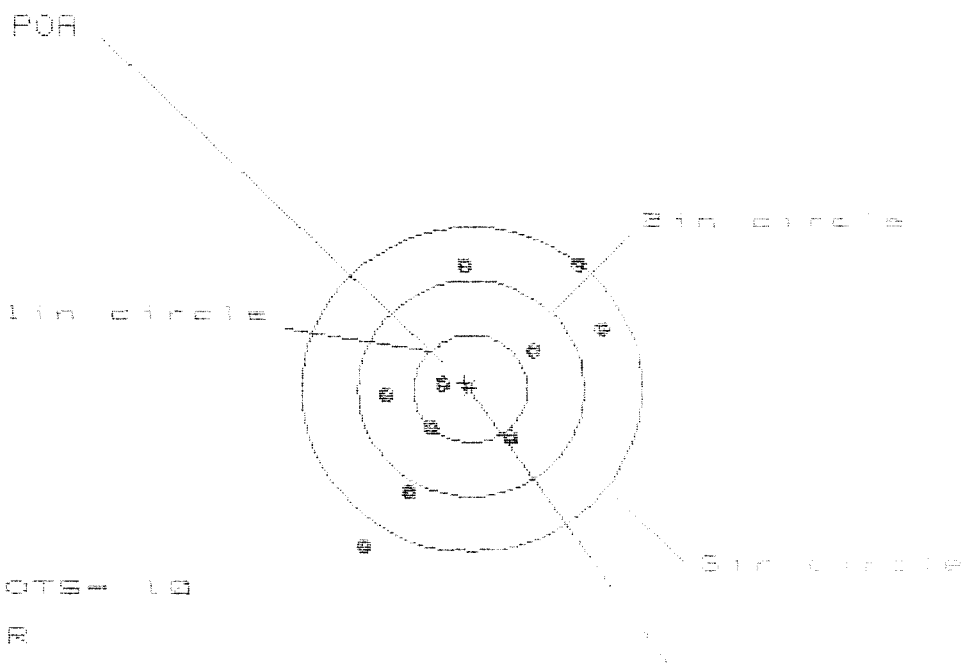
CENTROID #

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.410	1.318	1.295
MINIMUM X	-1.797	-1.897	-1.808
MAXIMUM Y	1.706	1.563	1.452
MINIMUM Y	-1.639	-1.782	-1.587
CENTROID X	-.087	.105	.028
CENTROID Y	-.004	.139	-.056
POA TO CENTROID IN.	.088	.175	.063
MIN RADIUS	.266	.435	.392
MEAN RADIUS	1.193	1.123	1.014
MAX RADIUS	2.162	1.826	1.711
HORIZONTAL SPREAD	3.147	2.115	2.115
VERTICAL SPREAD	3.345	3.345	3.039
EXTREME SPREAD	3.931	3.496	3.277
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		5	

18 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8865940

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HE= 2.132

VS= 2.598

GE= 3.227

CENTROID #

PATTERN #		5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.141	1.031	1.133
MINIMUM X	:	-1.991	-1.840	-1.738
MAXIMUM Y	:	1.179	1.022	1.086
MINIMUM Y	:	-1.419	-1.103	-1.976
CENTROID X	:	.052	.162	.060
CENTROID Y	:	-.052	.105	-.022
POA TO CENTROID IN.	:	.074	.133	.064
MIN RADIUS	:	.267	.402	.276
MEAN RADIUS	:	.948	.867	.784
MAX RADIUS	:	1.731	1.306	1.265
HORIZONTAL SPREAD	:	2.132	1.871	1.871
VERTICAL SPREAD	:	2.598	2.125	2.062
EXTREME SPREAD	:	3.227	2.602	2.307
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	