

FORM

INCLUDES 1 IN CHAMBER
C6665760

UPC



0 47700 25716 7

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.
C6665760

20

ORDER NO.
5716

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



5716 C6665760

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 #

C 6665760

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/30/91	KH
600	Proof		9/30/91	KH
607	Check Headspace		9/30/91	KH
610	Dis-assemble Gun		9/30/91	KH
612	Magnaflux Barrel Action	OCT	8 1991	KR
	Magnaflux Bolt	OCT	8 1991	KR
615	Rollmark Caliber	OCT	8 1991	BJ
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	AD
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/2/91	KH
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/12/91	KH
	C) Inspect Ejector Hole for Chamfer		11/12/91	KH
	D) Oil Firing Pin Ass'y		11/12/91	KH
	E) Adjust Trigger Pull to Min Setting and Stake		11-13-91	GH

625 cont.	F) Safety On Force	5	5	5	11-13-91	Q		
	G) Safety Off Force	3	3	3	11-13-91	Q		
	H) Trigger Pull Test & Retainability				11-13-91	Q		
	I) Firing Pin Indent	.020	.020	.020	11-13-91	Q		
	J) Assemble Stock				11-13-91	Q		
	K) Assemble Swivel Studs				11-27-91	Q		
	L) Attach Front and Rear Sight Assemblies				11-13-91	Q		
	M) Iron Sight Alignment				11-13-91	Q		
	N) Detach Front & Rear Sights & place in numbered container				11-13-91	Q		
	O) Attach Scope to Rifle				11-13-91	Q		
	P) Detach & Attach Scope 20 Times				11-13-91	Q		
640	Gallery Target & Test				11-19-91	KT		
	A) Time					K		
	B) Malfunctions					K		
	C) Pierced Primers					K		
	D) Optical Clarity of Scope					K		
645	Inspect for Live Ammo				11-19-91	F		
655	Final Inspection							
	A) Headspace				11-27-91			
	B) Trigger Pull	240	240	240	244	243	11-20-91	D
	C) Function						11-27-91	-
660	Pack						12-17-91	

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 06665760

DATE 11-13-91

TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.42	2.47	2.50	2.40	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.38	2.45	2.48	2.40	
PULL #3	2.32	2.41	2.45	2.40	
PULL #4	2.32	2.25	2.51	2.44	
PULL #5	2.41	2.52	2.53	2.43	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.29	3.26		
PULL #2	3.40	3.39		
PULL #3	3.27	3.44		
PULL #4	3.38	3.41		
PULL #5	3.41	3.39		
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	4.35		4.31
PULL #2	4.56	4.38		4.45
PULL #3	4.34	4.35		4.31
PULL #4	4.36	4.31		4.26
PULL #5	4.36	4.27		4.41
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665760
20 Nov 1991

CENTROIDAL DISTANCES

0 TO	1	.222612
1 TO	2	.185607
1 TO	3	.195348
1 TO	4	.3922
1 TO	5	.132608

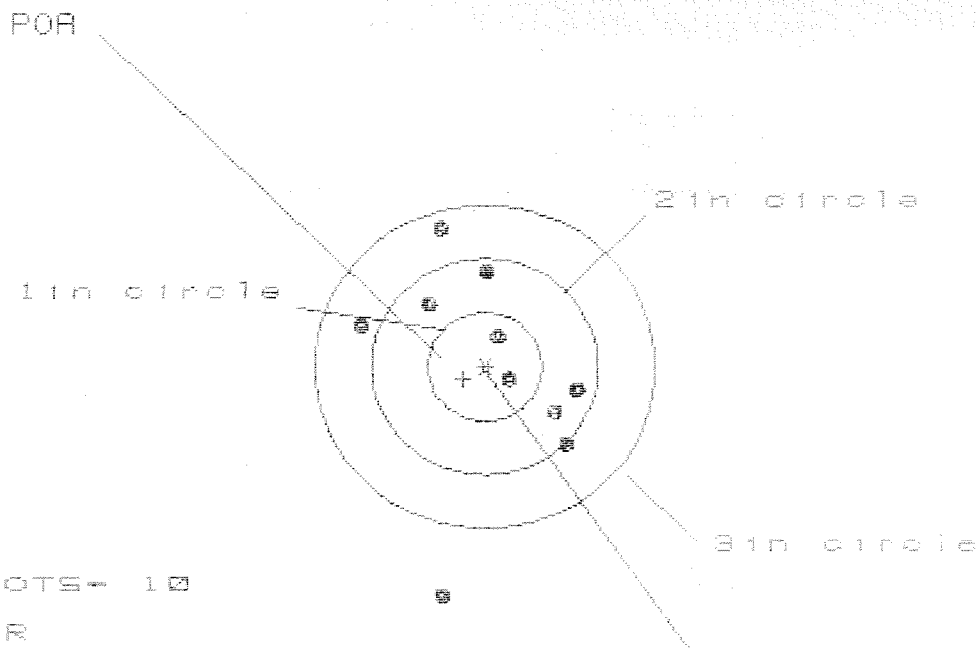
40 <----PQA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0582
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .043
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0723619
THE AMR FOR THIS RIFLE IS: .8774

20 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08685760

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 1.937

VS= 3.462

GS= 3.462

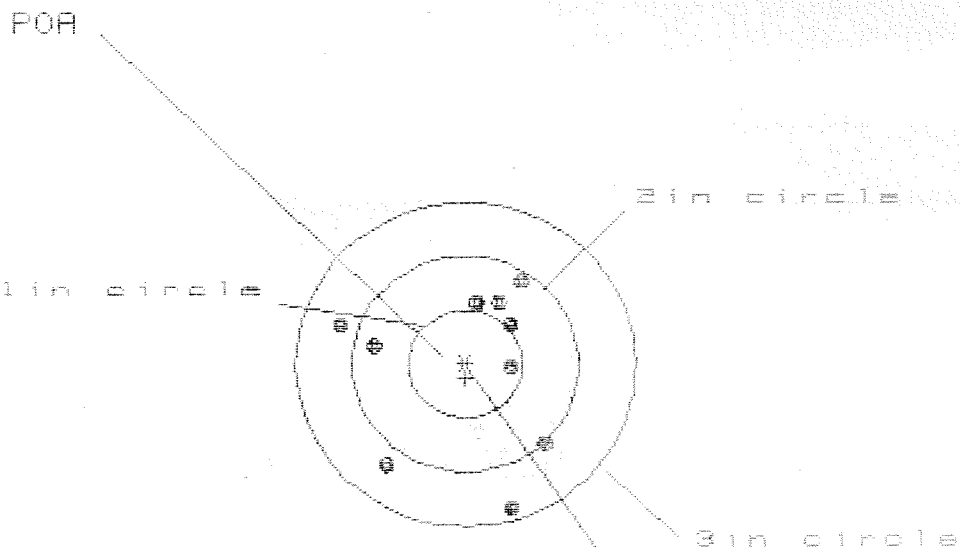
CENTROID #

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.800	.754	.782
MINIMUM X	:	-1.137	-1.183	-1.236
MAXIMUM Y	:	1.313	1.075	.818
MINIMUM Y	:	-2.149	-.984	-.858
CENTROID X	:	.190	.236	.288
CENTROID Y	:	.116	.354	.220
POA TO CENTROID in.	:	.222	.426	.363
1IN RADIUS	:	.268	.129	.229
2IN RADIUS	:	.965	.789	.733
3IN RADIUS	:	2.188	1.192	1.268
HORIZONTAL SPREAD	:	1.937	1.937	1.937
VERTICAL SPREAD	:	3.462	2.059	1.668
EXTREME SPREAD	:	3.462	2.388	2.132
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

28 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08665760

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 1

2in = 7

3in = 10

HS= 1.798

VS= 2.095

GS= 2.255

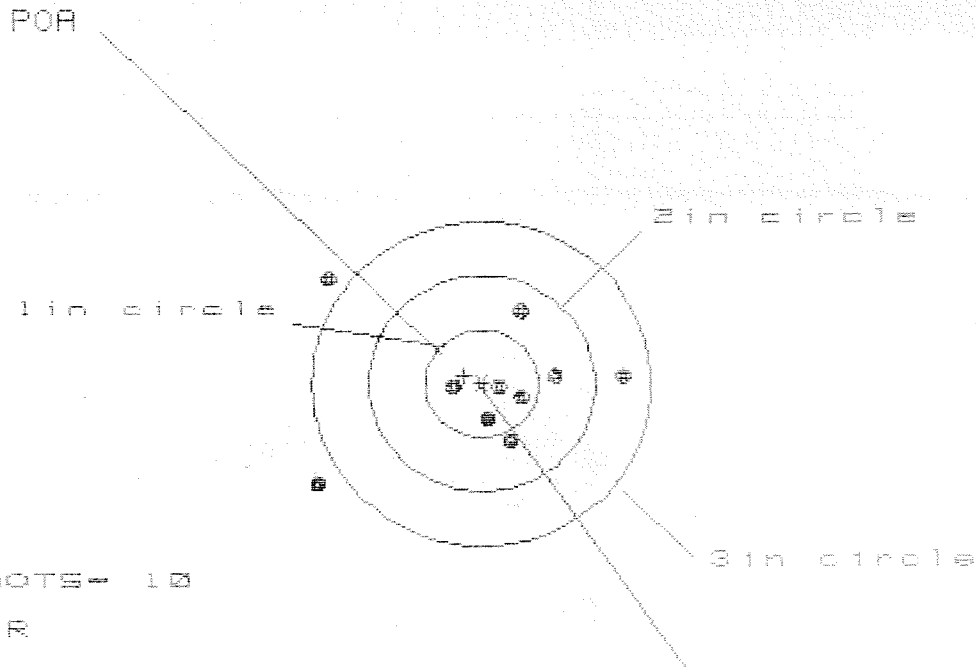
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.655	.700	.563
MINIMUM X	:	-1.142	-1.098	-.851
MAXIMUM Y	:	.806	.663	.689
MINIMUM Y	:	-1.289	-1.035	-1.009
CENTROID X	:	.005	-.040	.097
CENTROID Y	:	.131	.274	.248
POA TO CENTROID in.	:	.131	.277	.266
MIN RADIUS	:	.378	.449	.312
MEAN RADIUS	:	.850	.769	.698
MAX RADIUS	:	1.350	1.217	1.273
HORIZONTAL SPREAD	:	1.798	1.798	1.414
VERTICAL SPREAD	:	2.095	1.698	1.698
EXTREME SPREAD	:	2.255	2.102	2.045
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

28 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C86857B0

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 4

2in = 7

3in = 8

HS= 2.712

VS= 1.976

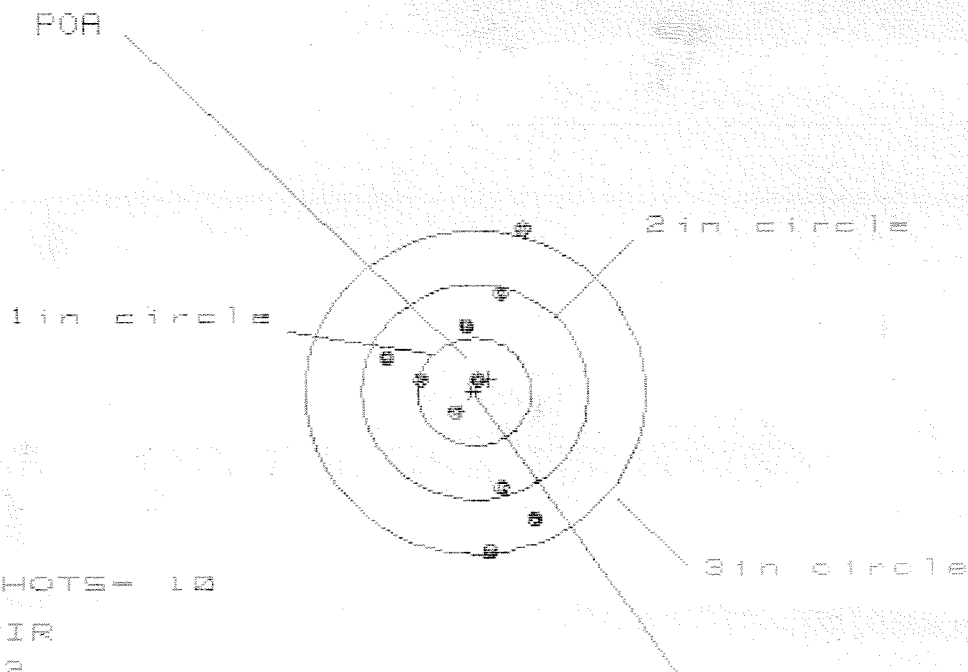
GS= 2.909

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.267	1.106	.920
MINIMUM X	:	-1.445	-1.490	-.594
MAXIMUM Y	:	1.023	.917	.705
MINIMUM Y	:	-.953	-.593	-.478
CENTROID X	:	.154	.315	.501
CENTROID Y	:	-.076	.030	-.085
POA TO CENTROID in.	:	.172	.316	.508
MIN RADIUS	:	.195	.111	.136
MEAN RADIUS	:	.768	.640	.461
MAX RADIUS	:	1.731	1.749	.926
HORIZONTAL SPREAD	:	2.712	2.596	1.514
VERTICAL SPREAD	:	1.976	1.510	1.183
EXTREME SPREAD	:	2.909	2.756	1.521
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

20 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08685760

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS= 1.212

VS= 2.980

GS= 2.994

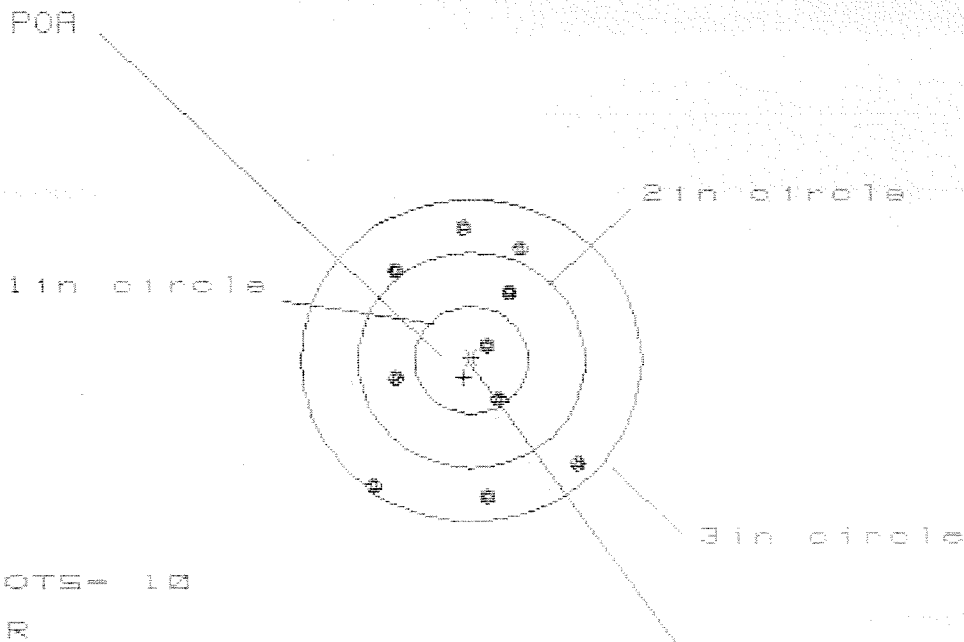
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.480	.524	.542
MINIMUM X	:	-.732	-.688	-.670
MAXIMUM Y	:	1.545	1.070	.912
MINIMUM Y	:	-1.435	-1.264	-1.168
CENTROID X	:	-.124	-.168	-.186
CENTROID Y	:	-.119	-.290	-.132
POA TO CENTROID in.	:	.172	.335	.229
MIN RADIUS	:	.138	.110	.172
MEAN RADIUS	:	.848	.770	.673
MAX RADIUS	:	1.595	1.272	1.288
HORIZONTAL SPREAD	:	1.212	1.212	1.212
VERTICAL SPREAD	:	2.980	2.334	2.081
EXTREME SPREAD	:	2.994	2.338	2.094
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

20 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8665760

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 2

2in = 4

3in = 10

HS= 1.807

VS= 2.517

GS= 2.533

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.946	.850	.452
MINIMUM X	:	-.861	-.747	-.641
MAXIMUM Y	:	1.250	1.125	.983
MINIMUM Y	:	-1.267	-1.392	-1.534
CENTROID X	:	.066	.162	.056
CENTROID Y	:	.163	.288	.430
POA TO CENTROID in.	:	.176	.330	.433
MIN RADIUS	:	.223	.078	.222
MEAN RADIUS	:	.956	.879	.806
MAX RADIUS	:	1.419	1.418	1.544
HORIZONTAL SPREAD	:	1.807	1.597	1.093
VERTICAL SPREAD	:	2.517	2.517	2.517
EXTREME SPREAD	:	2.533	2.533	2.533
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	