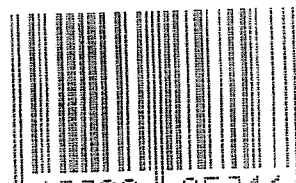


FORM

UPC



0 47700 25716 7

06/59997

MODEL 700 TM M24

5716

ORDER NO.

BARREL LENGTH

CAPACITY*

INCHES - INCHES

Remington



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

MODEL 700 TM M24

SERIAL NO.

C6665790

ORDER NO.

5716

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

20



5716 C6665790

ORDER 5716

MODEL 700 TM M24

UPC

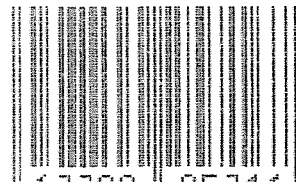
ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665790

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/24/91	KL
600	Proof		9/24/91	KL
607	Check Headspace		9/24/91	KL
610	Dis-assemble Gun		9/24/91	KL
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	LB
618	Polish Barrel		OCT 2 1991	WB
620	Apply Coatings (Barrel Action)		11-2-91	TS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/8/91	KL
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/8/91	KL
	C) Inspect Ejector Hole for Chamfer		10/8/91	KL
	D) Oil Firing Pin Ass'y		10/8/91	KL
	E) Adjust Trigger Pull to Min Setting and Stake		10-9-91	DH

op. #	BARBER - M24 0102562 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	5			10-10-91	AC
	G) Safety Off Force	4	3	3			10-10-91	AC
	H) Trigger Pull Test & Retainability						10-9-91	DH
	I) Firing Pin Indent	.020	.021	.020			10-10-91	AC
	J) Assemble Stock						10/11/91	KL
	K) Assemble Swivel Studs						10-17-91	AC
	L) Attach Front and Rear Sight Assemblies						10/11/91	KL
	M) Iron Sight Alignment						10/11/91	KL
	N) Detach Front & Rear Sights & place in numbered container						10/11/91	KL
	O) Attach Scope to Rifle						10/11/91	KL
	P) Detach & Attach Scope 20 Times						10/11/91	KL
640	Gallery Target & Test						10/14/91	K
	A) Time						" "	KT
	B) Malfunctions						" "	KT
	C) Pierced Primers						" "	KT
	D) Optical Clarity of Scope						" "	KT
645	Inspect for Live Ammo						10/18/91	KT
655	Final Inspection							
	A) Headspace						10-17-91	AC
	B) Trigger Pull	264	270	272	264	265	10-15-91	DH
	C) Function						10-17-91	AC
660	Pack						12-20-91	AC

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6665790

DATE 10-9-91

TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	256	268	273	264	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	253	269	273	270	
PULL #3	249	259	261	272	
PULL #4	247	263	277	264	
PULL #5	258	256	267	265	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.51	3.50		
PULL #2	3.52	3.53		
PULL #3	3.50	3.29		
PULL #4	3.45	3.56		
PULL #5	3.54	3.47		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.39	4.49		4.50
PULL #2	4.45	4.36		4.47
PULL #3	4.39	4.43		4.43
PULL #4	4.35	4.43		4.42
PULL #5	4.34	4.29		4.39
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665790
14 Oct 1991

CENTROIDAL DISTANCES

0 TO	1	.34199
1 TO	2	.153026
1 TO	3	.377021
1 TO	4	.271116
1 TO	5	.245506

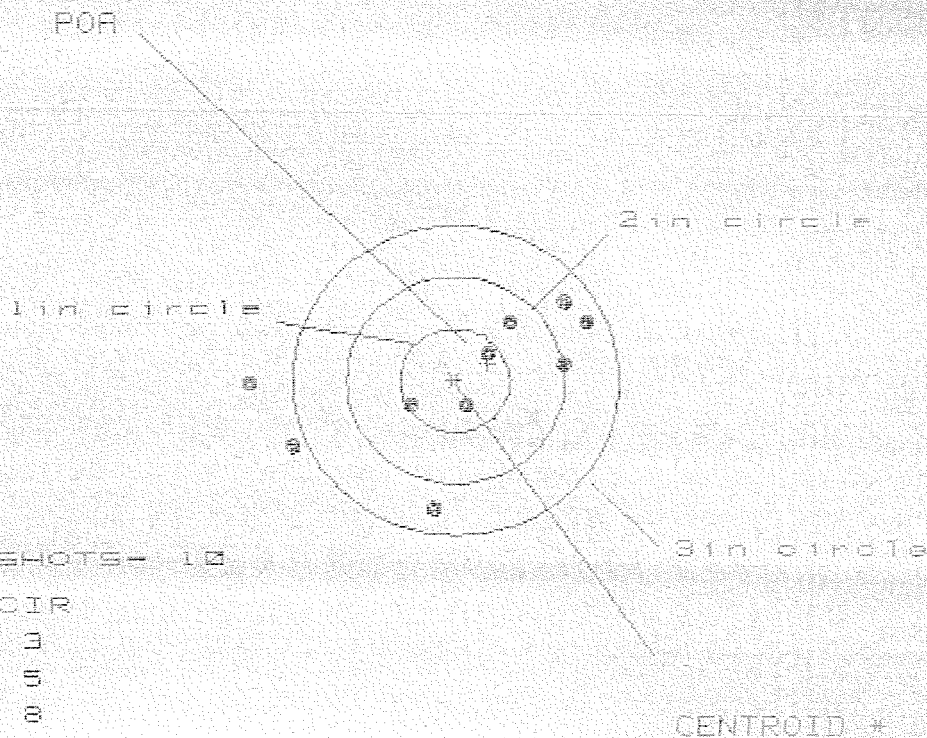
25 <----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1452
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0636
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .158518
THE AMR FOR THIS RIFLE IS: .91

14 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06865790

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 5

3 in = 8

HS= 3.186

VS= 1.977

GS= 3.241

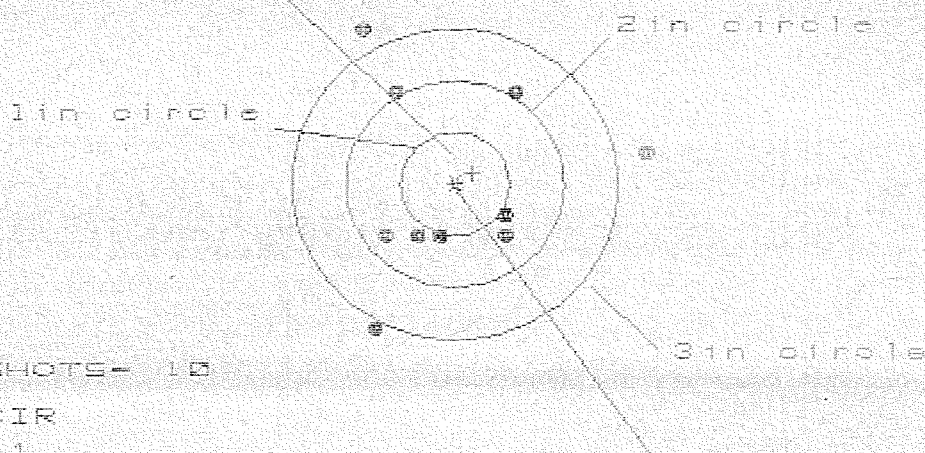
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.247	1.032	.828
MINIMUM X	-1.939	-1.695	-.824
MAXIMUM Y	.743	.737	.659
MINIMUM Y	-1.234	-1.240	-1.318
CENTROID X	-.299	-.084	.128
CENTROID Y	-.166	-.160	-.082
POA TO CENTROID in.	.342	.181	.152
MIN RADIUS	.193	.250	.215
MEAN RADIUS	1.013	.876	.731
MAX RADIUS	1.939	1.806	1.461
HORIZONTAL SPREAD	3.186	2.727	1.644
VERTICAL SPREAD	1.977	1.977	1.977
EXTREME SPREAD	3.241	2.965	2.306
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

(14 Oct 1991)

FILE: \PATTERNING\CENTERFIRE_PATT\06665790

CENTERFIRE PATTERNS # 2

POR



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 7

HS= 2.651

VS= 2.870

GS= 3.038

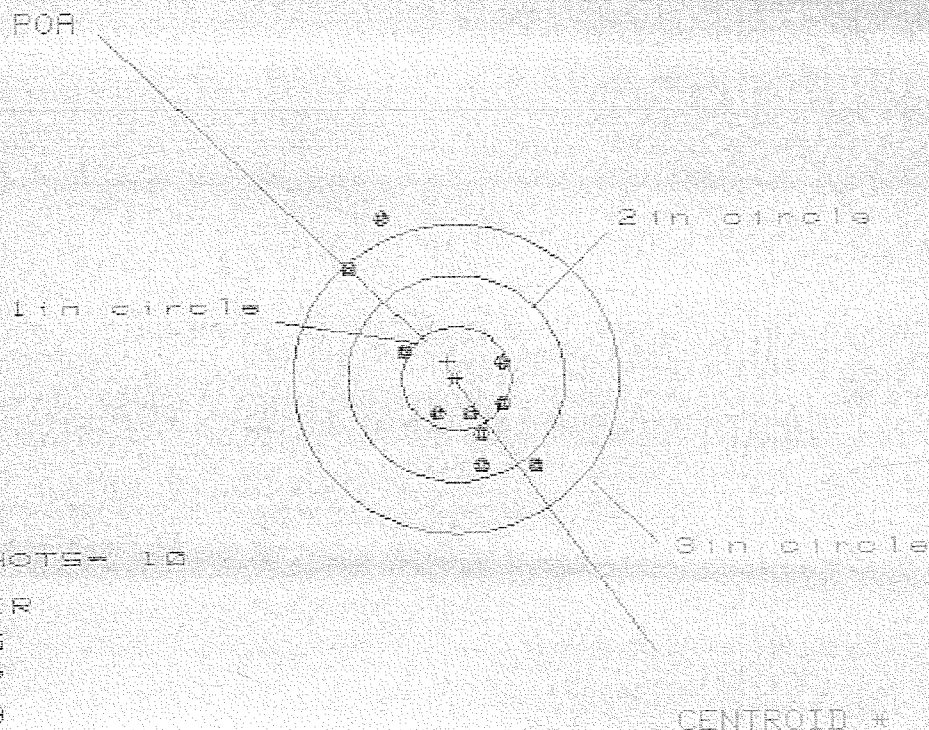
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.799	.739	.657
MINIMUM X	-.852	-.652	-.577
MAXIMUM Y	1.466	1.503	1.156
MINIMUM Y	-1.404	-1.367	-1.180
CENTROID X	-.160	-.360	-.278
CENTROID Y	-.102	-.139	-.326
POR TO CENTROID in.	.190	.386	.429
MIN RADIUS	.479	.426	.235
MEAN RADIUS	1.023	.917	.767
MAX RADIUS	1.829	1.638	1.313
HORIZONTAL SPREAD	2.651	1.391	1.234
VERTICAL SPREAD	2.870	2.870	2.336
EXTREME SPREAD	3.038	2.874	2.586
NUMBER IN ONE INCH CIRCLE	=	1	
NUMBER IN TWO INCH CIRCLE	=	5	
NUMBER IN THREE INCH CIRCLE	=	7	

14 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/C8665790

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 5

2 in = 7

3 in = 9

HS= 1.718

VS= 2.453

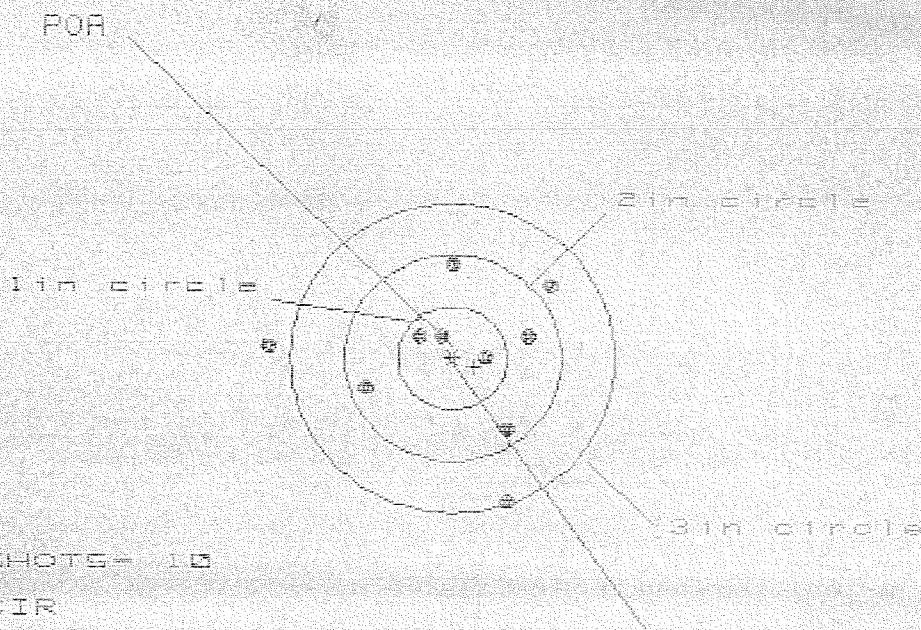
GS= 2.806

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.730	.660	.528
MINIMUM X	-.988	-1.058	-.641
MAXIMUM Y	1.611	1.202	.551
MINIMUM Y	-.842	-.663	-.513
CENTROID X	.078	.148	.280
CENTROID Y	-.162	-.341	-.491
POA TO CENTROID in.	.180	.372	.566
MIN RADIUS	.334	.142	.068
MEAN RADIUS	.782	.611	.436
MAX RADIUS	1.731	1.601	.846
HORIZONTAL SPREAD	1.718	1.718	1.169
VERTICAL SPREAD	2.453	1.865	1.064
EXTREME SPREAD	2.806	2.536	1.581
NUMBER IN ONE INCH CIRCLE =	5		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

14 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/06685780

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 7

3 in = 3

HS = 2.569

VS = 2.262

GS = 2.645

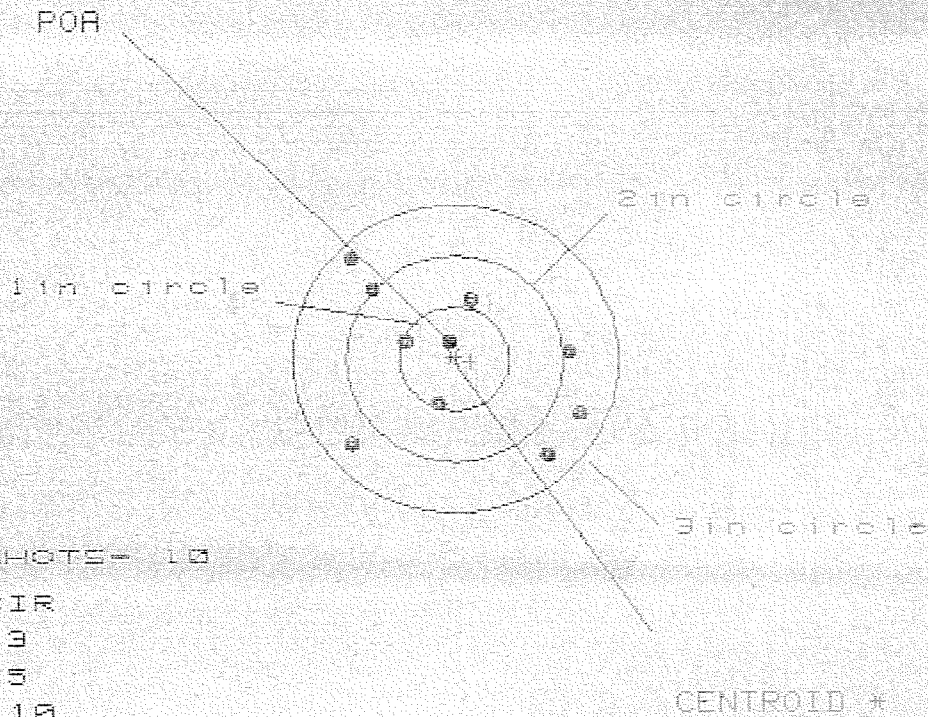
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.916	.733	.773
MINIMUM X	:	-1.653	-.960	-.920
MAXIMUM Y	:	.864	.874	.780
MINIMUM Y	:	-1.398	-1.388	-.862
CENTROID X	:	-.199	-.016	-.056
CENTROID Y	:	.086	.076	.250
POA TO CENTROID in.	:	.217	.078	.256
MIN RADIUS	:	.245	.088	.170
MEAN RADIUS	:	.849	.745	.637
MAX RADIUS	:	1.655	1.426	1.038
HORIZONTAL SPREAD	:	2.569	1.693	1.693
VERTICAL SPREAD	:	2.262	2.262	1.562
EXTREME SPREAD	:	2.645	2.326	1.982
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

14 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/C6685780

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1in = 3

2in = 5

3in = 10

HS = 2.135

VS = 1.872

GS = 2.609

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.195	1.095	1.082
MINIMUM X	:	-.940	-1.040	-.903
MAXIMUM Y	:	.993	.745	.689
MINIMUM Y	:	-.878	-.768	-.824
CENTROID X	:	-.146	-.046	-.183
CENTROID Y	:	.026	-.085	-.029
POA TO CENTROID in.	:	.149	.096	.185
MIN RADIUS	:	.193	.338	.239
MEAN RADIUS	:	.883	.846	.772
MAX RADIUS	:	1.344	1.238	1.219
HORIZONTAL SPREAD	:	2.135	2.135	1.985
VERTICAL SPREAD	:	1.872	1.513	1.513
EXTREME SPREAD	:	2.609	2.244	2.180
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	