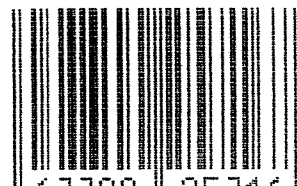


FORM

UPC



0 47700 25716 7

6665713

INCLUDES 1 IN CHAMBER

MODEL 700 TM M24

ORDER NO.	5716
BARREL LENGTH	
CAPACITY*	

Remington

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

MODEL 700TM M24**SERIAL NO.**

C6665713

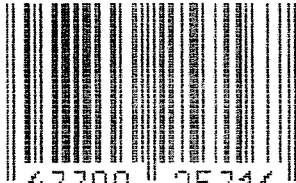
ORDER NO.**5716**

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

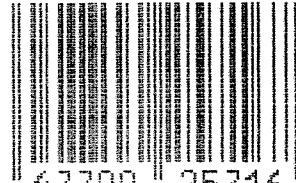
20



5716 C6665713

ORDER 5716MODEL 700TM M24**UPC****ORDER 5716**MODEL 700TM M24**UPC**

0 47700 25716 7



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6665713

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 26	91	RW
600	Proof	9 26	91	RW
607	Check Headspace	9 26	91	RW
610	Dis-assemble Gun	9 26	91	RW
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	WT
620	Apply Coatings (Barrel Action)		10-13-91	TA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/13/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/13/91	RW
	C) Inspect Ejector Hole for Chamfer		10/13/91	RW
	D) Oil Firing Pin Ass'y		10/13/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/18/91	JU

op. #	BARBER M24 0101645	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			10/18/91	SH
	G) Safety Off Force	4	4	4			10/18/91	SH
	H) Trigger Pull Test & Retainability						10/18/91	SH
	I) Firing Pin Indent	.023	.0235	.0235			10/18/91	SH
	J) Assemble Stock						10/18/91	RW
	K) Assemble Swivel Studs						10-22-91	AC
	L) Attach Front and Rear Sight Assemblies						10/18/91	RW
	M) Iron Sight Alignment						10/18/91	RW
	N) Detach Front & Rear Sights & place in numbered container						10/18/91	RW
	O) Attach Scope to Rifle						10/18/91	RW
	P) Detach & Attach Scope 20 Times						10/18/91	RW
640	Gallery Target & Test						10-18-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						10-18-91	NF
655	Final Inspection							
	A) Headspace						10-22-91	AC
	B) Trigger Pull	230	225	225	226	228	10-21-91	SH
	C) Function						10-22-91	AC
660	Pack						12-18-91	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6665713

DATE 10/18/91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.45	2.38	2.33	2.36	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.27	2.39	2.35	2.25	
PULL #3	2.29	2.27	2.38	2.25	
PULL #4	2.39	2.52	2.25	2.26	
PULL #5	2.32	2.35	2.24	2.28	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.29	3.22		
PULL #2	3.42	3.22		
PULL #3	3.45	3.47		
PULL #4	3.28	3.31		
PULL #5	3.29	3.31		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.32	4.35		4.33
PULL #2	4.31	4.20		4.28
PULL #3	4.23	4.30		4.26
PULL #4	4.20	4.37		4.33
PULL #5	4.27	4.37		4.33
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06665713
18 Oct 1991

CENTROIDAL DISTANCES

0 TO	1	.279115
1 TO	2	.481615
1 TO	3	.251796
1 TO	4	.21833
1 TO	5	.198035

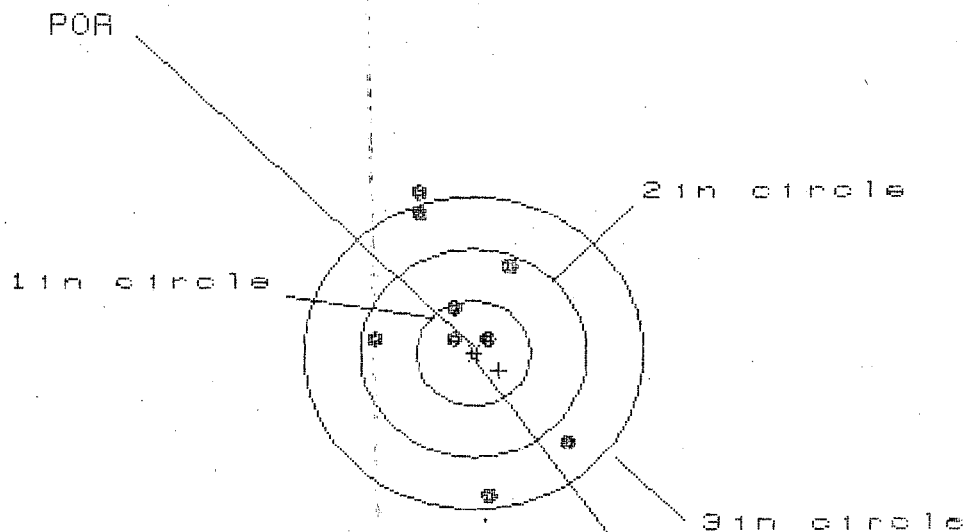
<----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0566
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0156
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0587105
THE AMR FOR THIS RIFLE IS: .9536

18 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665713

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1in = 3

2in = 5

3in = 8

HS = 1.704

VS = 3.842

GS = 4.028

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.868	.945	.890
MINIMUM X	-.836	-.759	-.815
MAXIMUM Y	1.530	1.273	1.222
MINIMUM Y	-2.312	-1.612	-1.453
CENTROID X	-.228	-.305	-.250
CENTROID Y	.161	.418	.259
POA TO CENTROID in.	.279	.517	.359
MIN RADIUS	.200	.163	.151
MEAN RADIUS	1.064	.855	.801
MAX RADIUS	2.413	1.631	1.466
HORIZONTAL SPREAD	1.704	1.704	1.704
VERTICAL SPREAD	3.842	2.885	2.675
EXTREME SPREAD	4.028	2.967	2.755
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

18 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665713

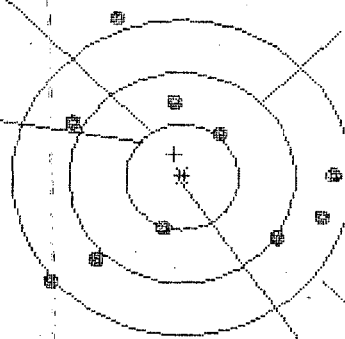
CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle



CENTROID *

OF SHOTS - 10

IN CIR

1in = 2

2in = 4

3in = 8

HS= 2.466

VS= 2.499

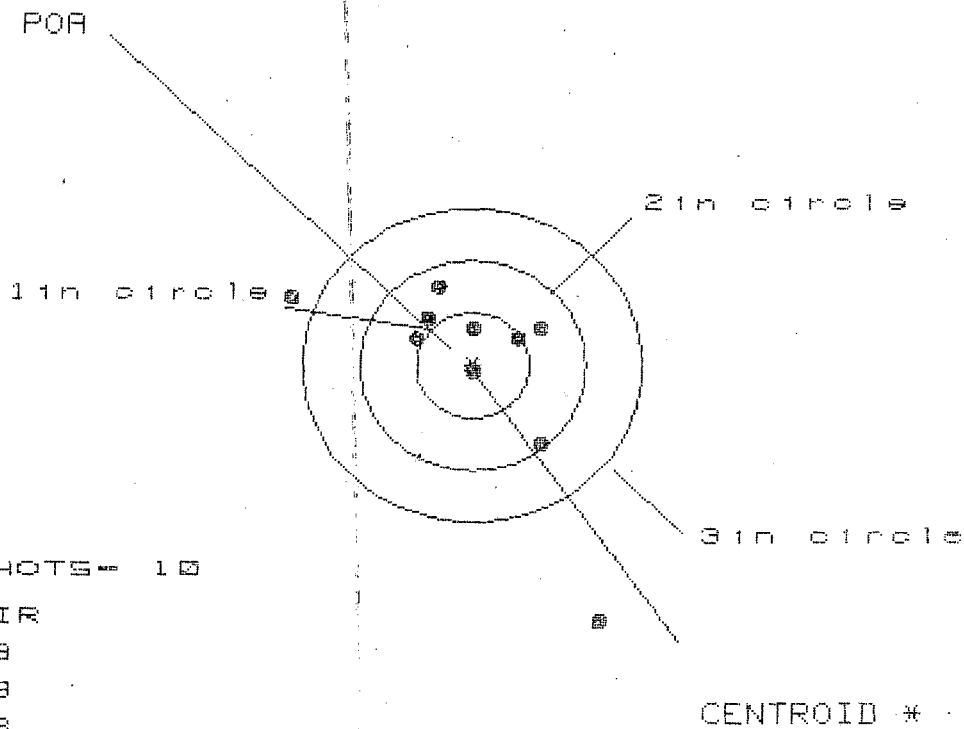
GS= 2.667

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.292	1.233	1.079
MINIMUM X	:	-1.174	-1.233	-1.202
MAXIMUM Y	:	1.510	.933	.830
MINIMUM Y	:	-.989	-.821	-.694
CENTROID X	:	.064	.123	.277
CENTROID Y	:	-.222	-.390	-.287
POA TO CENTROID in.	:	.231	.409	.399
MIN RADIUS	:	.472	.355	.458
MEAN RADIUS	:	1.061	.990	.913
MAX RADIUS	:	1.601	1.482	1.327
HORIZONTAL SPREAD	:	2.466	2.466	2.281
VERTICAL SPREAD	:	2.499	1.754	1.524
EXTREME SPREAD	:	2.667	2.667	2.410
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

18 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665713

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 8

3 in = 8

HS = 2.693

VS = 3.218

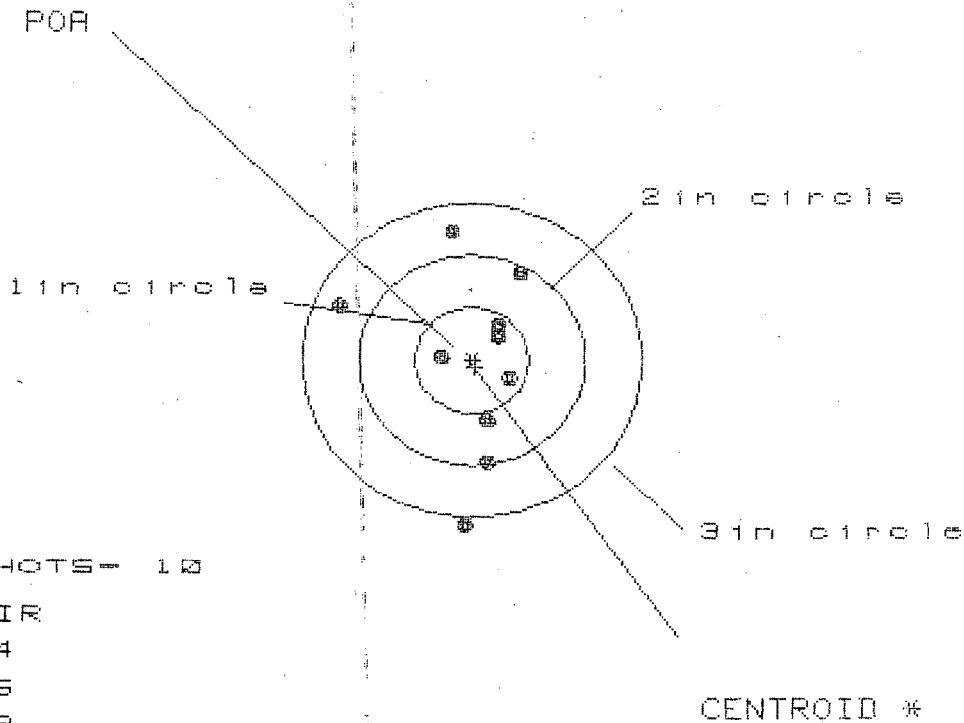
GS = 4.166

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.103	.718	.534
MINIMUM X	:	-1.590	-1.467	-.510
MAXIMUM Y	:	.734	.458	.510
MINIMUM Y	:	-2.484	-.973	-.921
CENTROID X	:	-.004	-.127	.057
CENTROID Y	:	.046	.322	.270
POA TO CENTROID in.	:	.046	.346	.276
MIN RADIUS	:	.019	.151	.170
MEAN RADIUS	:	.881	.614	.492
MAX RADIUS	:	2.718	1.526	1.065
HORIZONTAL SPREAD	:	2.693	2.185	1.044
VERTICAL SPREAD	:	3.218	1.431	1.431
EXTREME SPREAD	:	4.166	2.590	1.662
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		8	

18 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665713

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 4

2in = 6

3in = 9

HS= 1.564

VS= 2.759

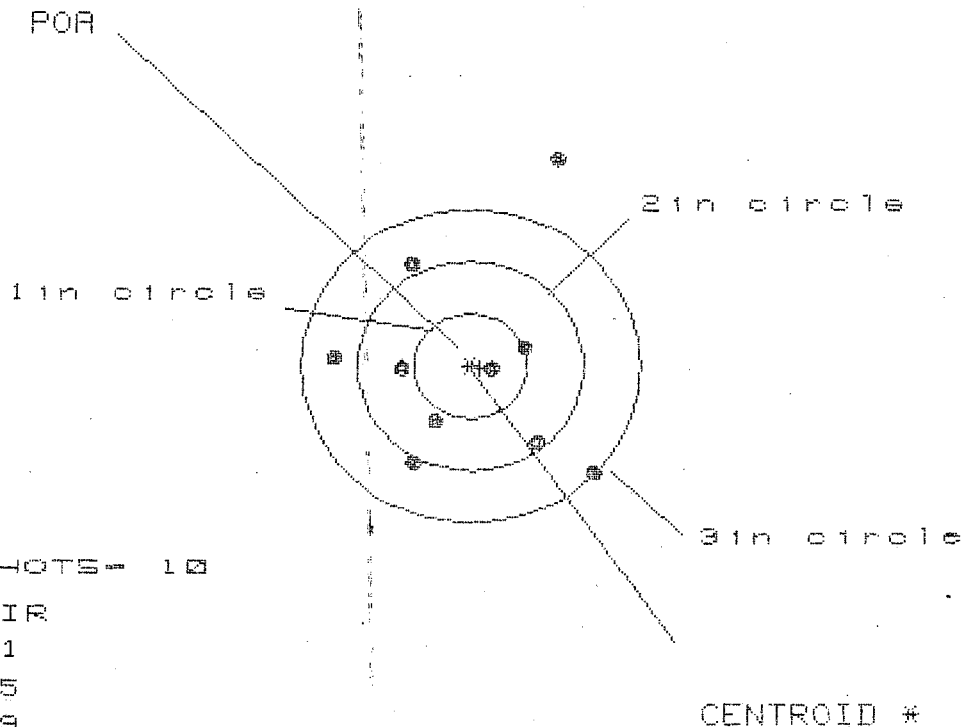
GS= 2.760

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.438	.433	.292
MINIMUM X	:	-1.126	-1.131	-.373
MAXIMUM Y	:	1.229	1.059	1.108
MINIMUM Y	:	-1.530	-1.167	-1.118
CENTROID X	:	-.030	-.025	.116
CENTROID Y	:	.069	.239	.190
POA TO CENTROID in.	:	.075	.241	.222
MIN RADIUS	:	.228	.273	.149
MEAN RADIUS	:	.788	.694	.600
MAX RADIUS	:	1.531	1.198	1.140
HORIZONTAL SPREAD	:	1.564	1.564	.665
VERTICAL SPREAD	:	2.759	2.226	2.226
EXTREME SPREAD	:	2.760	2.242	2.242
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

18 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8665713

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS = 2.244

VS = 2.978

GS = 3.105

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.041	1.127	.761
MINIMUM X	-1.203	-1.117	-.977
MAXIMUM Y	1.955	1.187	1.086
MINIMUM Y	-1.023	-.806	-.758
CENTROID X	-.085	-.171	-.311
CENTROID Y	.024	-.193	-.092
POA TO CENTROID in.	.089	.258	.325
MIN RADIUS	.233	.379	.381
MEAN RADIUS	.974	.821	.746
MAX RADIUS	2.100	1.385	1.119
HORIZONTAL SPREAD	2.244	2.244	1.738
VERTICAL SPREAD	2.978	1.993	1.844
EXTREME SPREAD	3.105	2.516	1.944
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		