

C6636260

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Remington[®] **DUPONT**[®]
REG. U.S. PAT. & TM. OFF.

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

MODEL 700TM H24

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

SERIAL NO. C6636260

ORDER NO. 5716

UPC
0 47700 25716 7

5716 C6636260

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6636260

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		5/3/91	KS
600	Proof		5/3/91	KS
607	Check Headspace		5/3/91	KS
610	Dis-assemble Gun		5/3/91	KS
612	Magnaflux Barrel Action	5 6 9 1		KCD
	Magnaflux Bolt	5 6 9 1		KCD
615	Rollmark Caliber	5 6 9 1		G.B.
617	Drill and Tap Sight Holes	5 15 9 1		LB
618	Polish Barrel	5 15 9 1		WB
620	Apply Coatings (Barrel Action)		5-29-91	KS
	Apply Coating (Bolt)		5-29-91	KS
625	Final Assembly A) Clean inside of Bolt Assembly		6/4/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		6/4/91	KS
	C) Inspect Ejector Hole for Chamfer		6/4/91	KS
	D) Oil Firing Pin Ass'y		6/4/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		6-10-91	KS

op. #	NAME: BARBER - M24 0032335	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			6-11-91	JP
	G) Safety Off Force	4	4	4			6-11-91	JP
	H) Trigger Pull Test & Retainability						6-10-91	JP
	I) Firing Pin Indent	.0225	.0225	.022			6-11-91	JP
	J) Assemble Stock						6-11-91	KS
	K) Assemble Swivel Studs						6-14-91	JP
	L) Attach Front and Rear Sight Assemblies						4/11/91	KS
	M) Iron Sight Alignment						4/11/91	KS
	N) Detach Front & Rear Sights & place in numbered container						6/11/91	KS
	O) Attach Scope to Rifle						4/11/91	KS
	P) Detach & Attach Scope 20 Times						4/11/91	KS
640	Gallery Target & Test						6-11-91	AF
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clarity of Scope						"	AF
645	Inspect for Live Ammo						6-11-91	AF
655	Final Inspection							
	A) Headspace						6-14-91	JP
	B) Trigger Pull	2.61	2.48	2.43	2.48	2.59	6-13-91	JP
	C) Function						6-14-91	JP
660	Pack						6-20-91	AF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. CCG36260

DATE 6-10-91

TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.62	2.89	2.22	2.61	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.55	2.85	2.25	2.48	
PULL #3	2.55	2.88	2.20	2.43	
PULL #4	2.57	2.91	2.22	2.48	
PULL #5	2.55	2.90	2.23	2.59	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.39	3.65		
PULL #2	3.31	3.47		
PULL #3	3.21	3.48		
PULL #4	3.23	3.58		
PULL #5	3.28	3.65		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.54	4.76		4.52
PULL #2	4.46	4.96		4.44
PULL #3	4.53	4.96		4.60
PULL #4	4.53	4.69		4.53
PULL #5	4.38	4.81		4.49
TOTAL				
AVG.				

0	TO	1	.635708
1	TO	2	.499661
1	TO	3	.680948
1	TO	4	.559051
1	TO	5	.64823

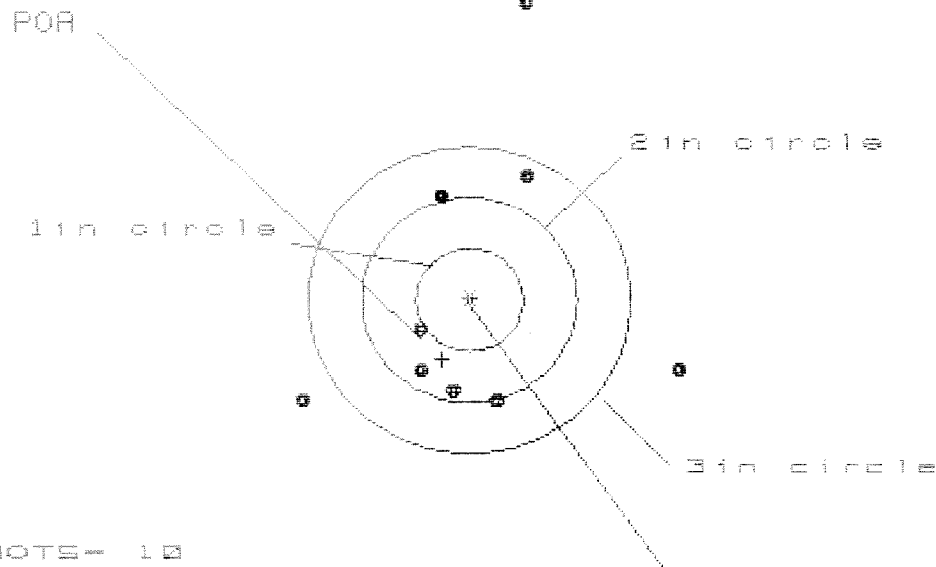
-----POB

BARBER - M24 **M2400032376**

11 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6696260

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 0

2in = 4

3in = 7

HS= 3.457

VS= 3.998

GS= 4.525

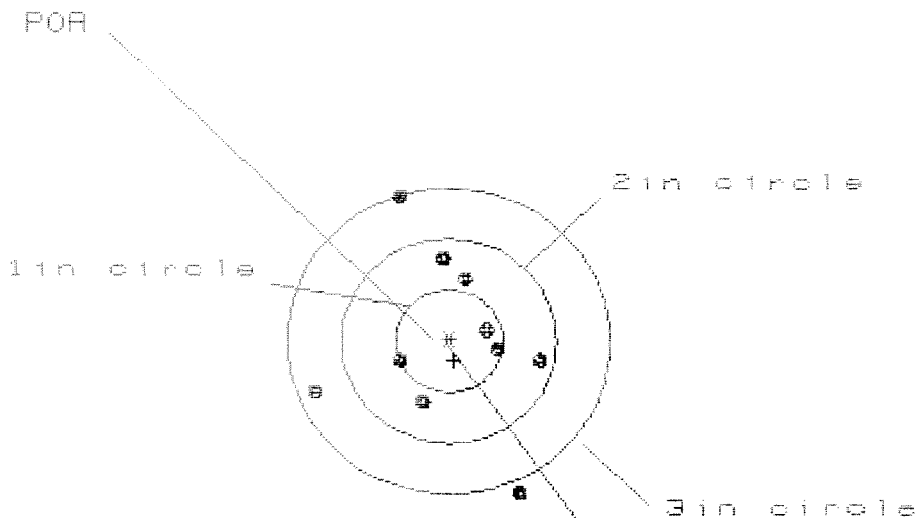
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.922	1.987	.891
MINIMUM X	-1.535	-1.470	-1.222
MAXIMUM Y	2.968	1.590	1.543
MINIMUM Y	-1.030	-.700	-.747
CENTROID X	.258	.193	-.055
CENTROID Y	.581	.251	.298
POA TO CENTROID in.	.635	.317	.383
MIN RADIUS	.536	.397	.145
MEAN RADIUS	1.342	1.049	.874
MAX RADIUS	3.025	2.022	1.782
HORIZONTAL SPREAD	3.457	3.457	2.113
VERTICAL SPREAD	3.998	2.290	2.290
EXTREME SPREAD	4.525	3.472	3.116
NUMBER IN ONE INCH CIRCLE	= 0		
NUMBER IN TWO INCH CIRCLE	= 4		
NUMBER IN THREE INCH CIRCLE	= 7		

11 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6636260

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 2

2in = 7

3in = 9

HS = 2.139

VS = 2.907

GS = 3.080

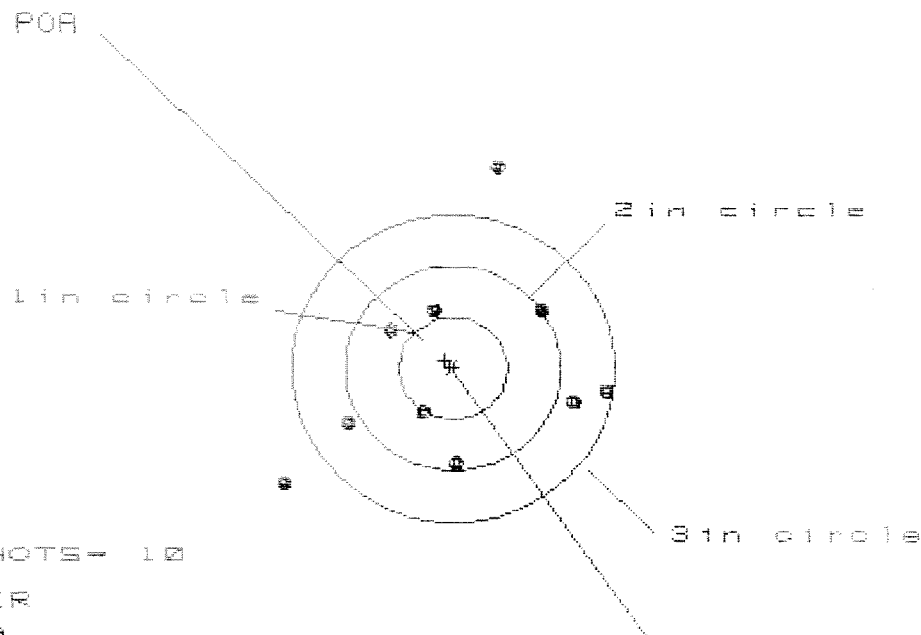
CENTROID *

PATTERN #	2
SHOTS (BEST OF)	10
MAXIMUM X	.858
MINIMUM X	-1.282
MAXIMUM Y	1.429
MINIMUM Y	-1.478
CENTROID X	-.048
CENTROID Y	.186
POA TO CENTROID in.	.192
MIN RADIUS	.417
MEAN RADIUS	.882
MAX RADIUS	1.598
HORIZONTAL SPREAD	2.139
VERTICAL SPREAD	2.907
EXTREME SPREAD	3.080
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	7
NUMBER IN THREE INCH CIRCLE =	9

11 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6636260

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 0

2 in = 5

3 in = 8

HS = 3.012

VS = 3.136

GS = 3.722

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.403
MINIMUM X	-1.609
MAXIMUM Y	2.024
MINIMUM Y	-1.112
CENTROID X	.079
CENTROID Y	-.076
POA TO CENTROID in.	.110
MIN RADIUS	.536
MEAN RADIUS	1.159
MAX RADIUS	2.062
HORIZONTAL SPREAD	3.012
VERTICAL SPREAD	3.136
EXTREME SPREAD	3.722
NUMBER IN ONE INCH CIRCLE =	0
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	8

11 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6636260

CENTERFIRE PATTERNS # 4

POR

1in circle

2in circle

3in circle

OF SHOTS - 10

IN CIR

1in = 3

2in = 7

3in = 9

HS = 1.143

VS = 3.211

GS = 3.224

CENTROID #

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.672	.695	.686
MINIMUM X	-.471	-.448	-.457
MAXIMUM Y	1.804	.712	.561
MINIMUM Y	-1.407	-1.207	-1.016
CENTROID X	.125	.102	.111
CENTROID Y	.038	-.162	-.011
POR TO CENTROID in.	.130	.192	.111
MIN RADIUS	.177	.079	.134
MEAN RADIUS	.756	.625	.535
MAX RADIUS	1.815	1.209	1.017
HORIZONTAL SPREAD	1.143	1.143	1.143
VERTICAL SPREAD	3.211	1.919	1.578
EXTREME SPREAD	3.224	1.954	1.624
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

11 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PAT7/C6636260

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS = 10

IN CIR

1in = 2

2in = 6

3in = 9

HS = 2.584

VS = 2.741

GS = 3.190

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.403	1.307	.837
MINIMUM X	-1.181	-1.277	-1.114
MAXIMUM Y	.921	.719	.698
MINIMUM Y	-1.819	-.908	-.929
CENTROID X	.149	.245	.082
CENTROID Y	-.058	.144	.165
POA TO CENTROID in.	.160	.284	.184
MIN RADIUS	.358	.164	.320
MEAN RADIUS	.956	.808	.749
MAX RADIUS	2.014	1.341	1.179
HORIZONTAL SPREAD	2.584	2.584	1.951
VERTICAL SPREAD	2.741	1.627	1.627
EXTREME SPREAD	3.190	2.648	1.976
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	