

C6611752

MODEL 760™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

 		VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700TM H24		SERIAL NO. C6611752
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off. Marca Registrada Marque Deposee.		ORDER NO. 5716



CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6611752

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		1-10-91 1/10/91	K.S.
600	Proof		1-10-91 1/10/91	K.S.
607	Check Headspace		1-10-91 1/10/91	K.S.
610	Dis-assemble Gun		1-10-91 1/10/91	K.S.
612	Magnaflux Barrel Action		1/17/91	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	ES.
617	Drill and Tap Sight Holes	1 18 91		LB
618	Polish Barrel	1 18 91		WB
620	Apply Coatings (Barrel Action)		2-12-91	PA
	Apply Coating (Bolt)			P
625	Final Assembly A) Clean inside of Bolt Assembly		2/22/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/22/91	KA
	C) Inspect Ejector Hole for Chamfer		2/22/91	KA
	D) Oil Firing Pin Ass'y		2/22/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		2-25-91	DF

op. #	BARBER M24 0035372	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	5 1/2	5 1/4			2-26-91	DH
	G) Safety Off Force	4	3 1/4	3 1/4			2-26-91	DH
	H) Trigger Pull Test & Retainability						2-26-91	1/1
	I) Firing Pin Indent	.021	.021	.0205			2-26-91	DH
	J) Assemble Stock						2/24/91	JS
	K) Assemble Swivel Studs						3/6/91	WB
	L) Attach Front and Rear Sight Assemblies						2/24/91	JS
	M) Iron Sight Alignment						2/24/91	JS
	N) Detach Front & Rear Sights & place in numbered container						2/26/91	JS
	O) Attach Scope to Rifle						2/24/91	JS
	P) Detach & Attach Scope 20 Times						2/26/91	JS
640	Gallery Target & Test						3-4-91	DH
	A) Time						3-4-91	DH
	B) Malfunctions						3-4-91	DH
	C) Pierced Primers						3-4-91	DH
	D) Optical Clarity of Scope						3-4-91	DH
645	Inspect for Live Ammo						3-4-91	DH
655	Final Inspection						3/6/91	WB
	A) Headspace							
	B) Trigger Pull	2.47	2.47	2.51	2.44	2.56	3-5-91	JRP
	C) Function						3/6/91	WB
660	Pack						3-18-91	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6611752DATE 2-26-91TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.65	2.81	2.69	2.47	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.54	2.80	2.70	2.47	
PULL #3	2.58	2.75	2.71	2.51	
PULL #4	2.60	2.76	2.70	2.44	
PULL #5	2.56	2.69	2.67	2.56	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.15	3.35		
PULL #2	3.27	3.04		
PULL #3	3.30	3.34		
PULL #4	3.21	3.30		
PULL #5	3.24	3.33		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.40	3.88		4.07
PULL #2	4.37	4.32		4.04
PULL #3	4.18	4.24		4.01
PULL #4	4.26	4.37		4.07
PULL #5	4.16	3.89		4.08
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06611752
4 Mar 1991

CENTROIDAL DISTANCES

0 TO	1	.382636
1 TO	2	.213829
1 TO	3	.274367
1 TO	4	.545221
1 TO	5	.48312

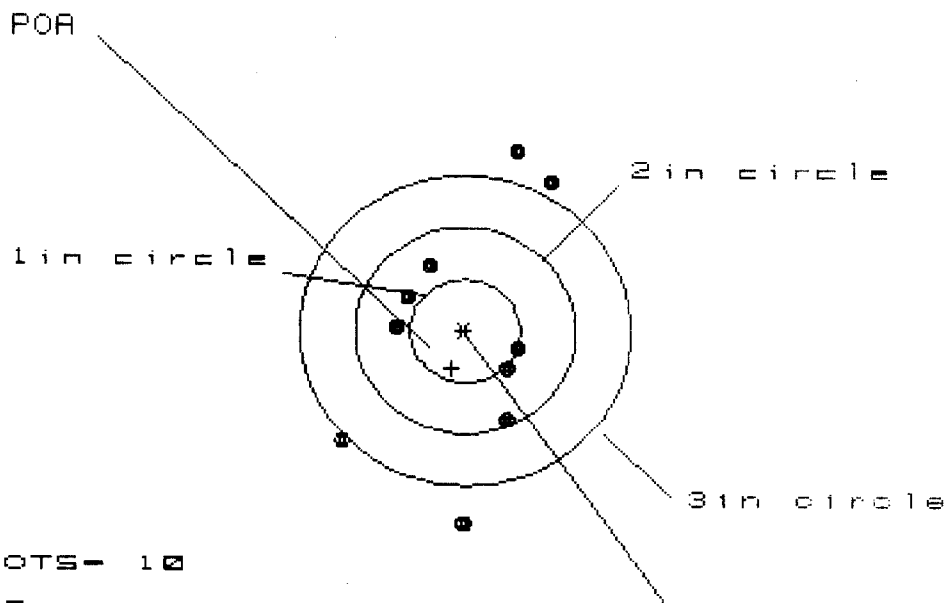
←---POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0202
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0768
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0794121
THE AMR FOR THIS RIFLE IS: .9298

4 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611752

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1 in - 0

2 in - 6

3 in - 6

HS - 1.932

VS - 3.526

GS - 3.560

CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.775	.776	.840
MINIMUM X	:	-1.157	-1.156	-1.092
MAXIMUM Y	:	1.712	1.510	1.453
MINIMUM Y	:	-1.814	-1.218	-1.029
CENTROID X	:	.121	.120	.056
CENTROID Y	:	.363	.565	.376
POA TO CENTROID in.	:	.383	.577	.380
MIN RADIUS	:	.526	.520	.513
MEAN RADIUS	:	1.074	.987	.890
MAX RADIUS	:	1.814	1.679	1.678
HORIZONTAL SPREAD	:	1.932	1.932	1.932
VERTICAL SPREAD	:	3.526	2.728	2.482
EXTREME SPREAD	:	3.560	3.195	3.145
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		6	

4 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06611752

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 0

2 in = 5

3 in = 7

HS= 1.723

VS= 3.194

GS= 3.327

CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.848	.863	.418
MINIMUM X	:	-.875	-.860	-.752
MAXIMUM Y	:	1.843	1.234	1.091
MINIMUM Y	:	-1.351	-1.147	-1.267
CENTROID X	:	.056	.041	-.067
CENTROID Y	:	.153	-.051	.092
POA TO CENTROID in.	:	.163	.066	.114
MIN RADIUS	:	.525	.386	.560
MEAN RADIUS	:	1.066	.977	.908
MAX RADIUS	:	1.847	1.435	1.473
HORIZONTAL SPREAD	:	1.723	1.723	1.170
VERTICAL SPREAD	:	3.194	2.381	2.358
EXTREME SPREAD	:	3.327	2.522	2.522
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	7		

4 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611752

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 9

CENTROID #

HS= 1.860

VS= 2.543

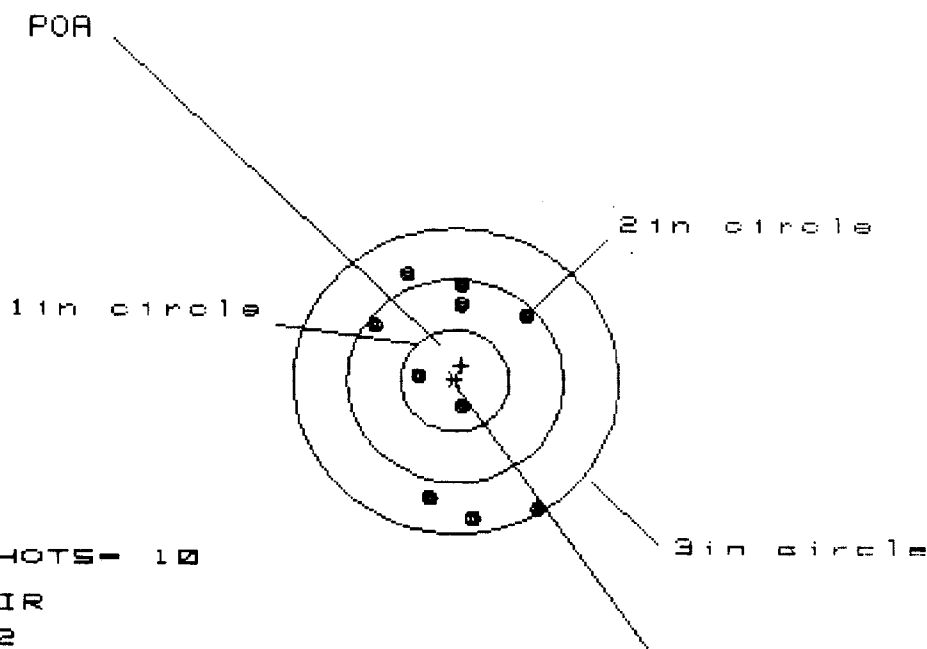
GS= 2.750

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.844	.731	.721
MINIMUM X	-1.016	-.657	-.667
MAXIMUM Y	1.400	1.273	.798
MINIMUM Y	-1.143	-1.065	-.906
CENTROID X	.067	.180	.190
CENTROID Y	.094	.221	.062
POA TO CENTROID in.	.115	.285	.200
MIN RADIUS	.176	.216	.136
MEAN RADIUS	.851	.751	.681
MAX RADIUS	1.529	1.276	1.125
HORIZONTAL SPREAD	1.860	1.388	1.388
VERTICAL SPREAD	2.543	2.338	1.704
EXTREME SPREAD	2.750	2.408	2.155
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

4 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611752

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 10

HS= 1.516

VS= 2.329

GS= 2.544

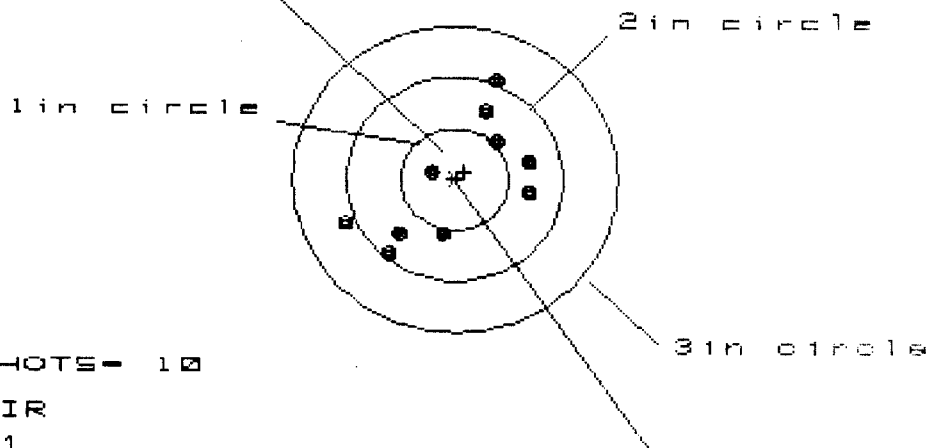
PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.742	.741	.774
MINIMUM X	-.774	-.691	-.658
MAXIMUM Y	1.012	.876	.695
MINIMUM Y	-1.317	-1.453	-1.500
CENTROID X	-.058	-.141	-.174
CENTROID Y	-.152	-.016	.165
POA TO CENTROID in.	.163	.142	.240
MIN RADIUS	.292	.245	.334
MEAN RADIUS	.929	.849	.741
MAX RADIUS	1.431	1.477	1.506
HORIZONTAL SPREAD	1.516	1.432	1.432
VERTICAL SPREAD	2.329	2.329	2.195
EXTREME SPREAD	2.544	2.421	2.207
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

4 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611752

CENTERFIRE PATTERNS # 5

POA



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 8

3 in = 10

HS = 1.667

VS = 1.713

GS = 2.001

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.700	.745	.629
MINIMUM X	:	-.967	-.922	-.704
MAXIMUM Y	:	1.018	.802	.763
MINIMUM Y	:	-.695	-.502	-.621
CENTROID X	:	-.085	-.130	-.014
CENTROID Y	:	-.074	-.187	-.148
POA TO CENTROID in.	:	.113	.228	.149
MIN RADIUS	:	.258	.268	.348
MEAN RADIUS	:	.729	.680	.638
MAX RADIUS	:	1.094	.975	.939
HORIZONTAL SPREAD	:	1.667	1.667	1.333
VERTICAL SPREAD	:	1.713	1.384	1.384
EXTREME SPREAD	:	2.001	1.771	1.654
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	8		
NUMBER IN THREE INCH CIRCLE	=	10		