

06649289

MODEL 760™ M24

Model **S&S**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

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

Remington
REG. U.S. PAT. & TM. OFF.

MODEL 700TM H24

20

SERIAL NO.
C6649289

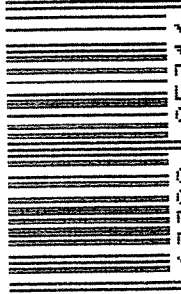
ORDER NO.
5716

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



5716 C6649289

UFC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649289

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	6 27	9 1	RW
600	Proof	6 27	9 1	dw
607	Check Headspace	6 27	9 1	dw
610	Dis-assemble Gun	6 27	9 1	dw
612	Magnaflux Barrel Action		JUL 2 1991	KR
	Magnaflux Bolt		JUL 2 1991	KR
615	Rollmark Caliber		JUL - 1991	GL
617	Drill and Tap Sight Holes		JUL 2 1991	FB
618	Polish Barrel		JUL 7 1991	WB
620	Apply Coatings (Barrel Action)		7-22-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		7/23/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/23/91	RW
	C) Inspect Ejector Hole for Chamfer		7/23/91	RW
	D) Oil Firing Pin Ass'y		7/23/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8-5-91	JA

op. #	BARBER - M24 0067372 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			Aug 5-91	AC
	G) Safety Off Force	4	4	4			Aug 5-91	AC
	H) Trigger Pull Test & Retainability						8-5-91	JH
	I) Firing Pin Indent	.020	.020	.020			Aug 5-91	AC
	J) Assemble Stock						8/5/91	RW
	K) Assemble Swivel Studs						8-6-91	AC
	L) Attach Front and Rear Sight Assemblies						8/5/91	RW
	M) Iron Sight Alignment						8/5/91	RW
	N) Detach Front & Rear Sights & place in numbered container						8/5/91	RW
	O) Attach Scope to Rifle						8/5/91	RW
	P) Detach & Attach Scope 20 Times						8/5/91	RW
640	Gallery Target & Test						8/5/91	KT
	A) Time						"	KT
	B) Malfunctions						"	KT
	C) Pierced Primers						"	KT
	D) Optical Clarity of Scope						"	KT
645	Inspect for Live Ammo						8/5/91	KT
655	Final Inspection							
	A) Headspace						8-6-91	AC
	B) Trigger Pull	2.30	2.20	2.18	2.15	2.22	8-6-91	JH
	C) Function						8-6-91	AC
660	Pack						7/7/91	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6649289

DATE 8-5-91

TESTER JR

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.34	2.20	2.25	2.30	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.15	2.22	2.18	2.20	
PULL #3	2.21	2.19	2.22	2.18	
PULL #4	2.22	2.17	2.15	2.15	
PULL #5	2.22	2.15	2.20	2.22	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.24	3.35		
PULL #2	3.22	3.34		
PULL #3	3.24	3.41		
PULL #4	3.29	3.35		
PULL #5	3.32	3.43		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.25	4.26		4.24
PULL #2	4.18	4.24		4.28
PULL #3	4.19	4.20		4.33
PULL #4	4.21	4.28		4.27
PULL #5	4.31	4.23		4.31
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6649289
5 Aug 1991

CENTROIDAL DISTANCES

0 TO 1	.0411825
1 TO 2	.119854
1 TO 3	.101828
1 TO 4	.20034
1 TO 5	.0230217

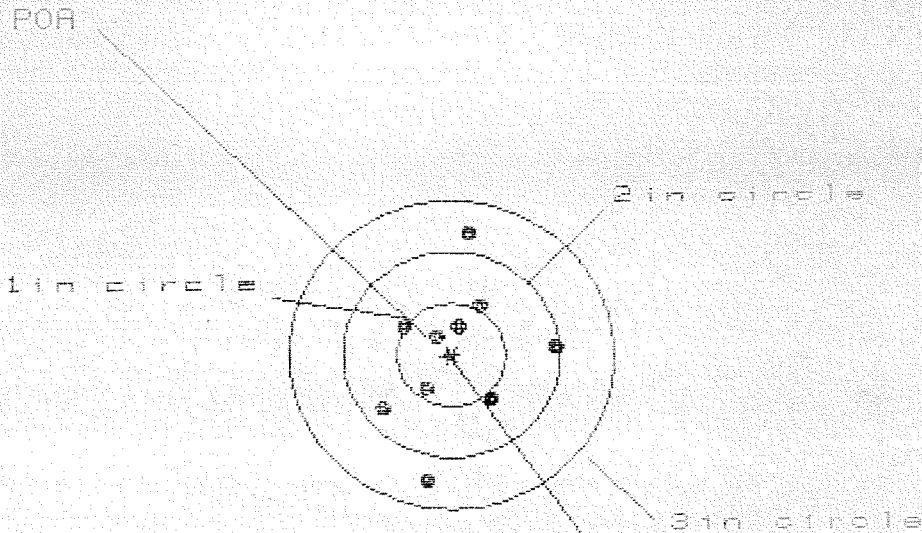
4 (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0376
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0264
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0459426
THE AMR FOR THIS RIFLE IS: .8776

5 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649269

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 8

3 in = 10

HS = 1.671

VS = 2.383

GS = 2.417

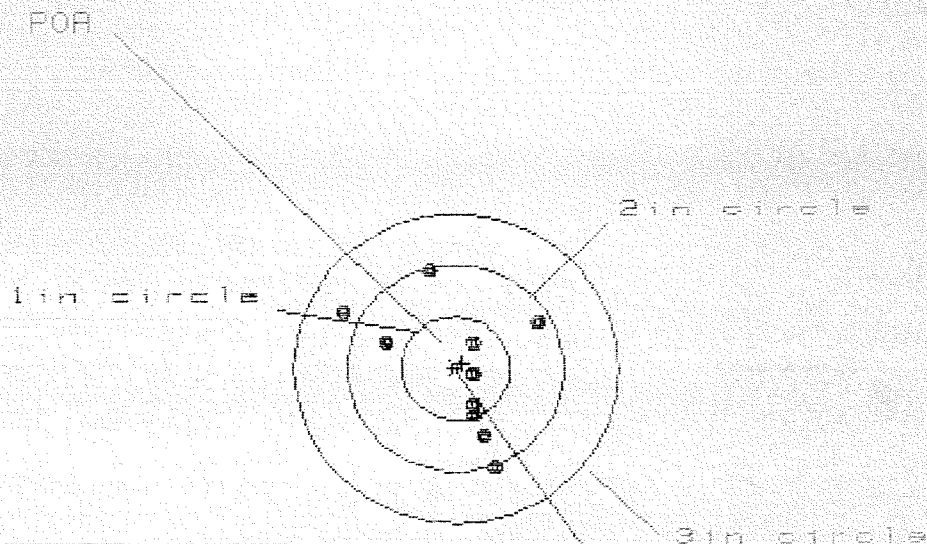
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.989	.961	.976
MINIMUM X	-.682	-.710	-.695
MAXIMUM Y	1.134	.996	.434
MINIMUM Y	-1.249	-.639	-.515
CENTROID X	.036	.064	.049
CENTROID Y	.020	.158	.034
POA TO CENTROID in.	.041	.171	.059
MIN RADIUS	.243	.154	.240
MEAN RADIUS	.682	.593	.549
MAX RADIUS	1.274	1.003	.979
HORIZONTAL SPREAD	1.671	1.671	1.671
VERTICAL SPREAD	2.383	1.635	.949
EXTREME SPREAD	2.417	1.835	1.769
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	

5 Aug 1991

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CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 9

3 in = 10

HS = 1.781

VS = 1.855

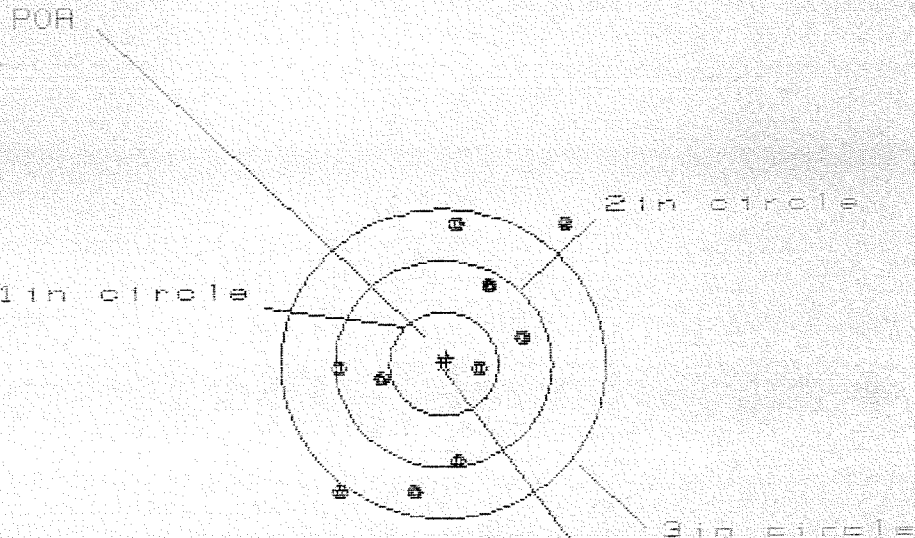
GS = 2.012

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.751	.637	.671
MINIMUM X	:	-1.030	-.800	-.766
MAXIMUM Y	:	.947	1.004	.898
MINIMUM Y	:	-.908	-.851	-.783
CENTROID X	:	-.062	.052	.018
CENTROID Y	:	-.049	-.107	-.001
POA TO CENTROID in.	:	.079	.119	.018
MIN RADIUS	:	.180	.055	.164
MEAN RADIUS	:	.675	.589	.566
MAX RADIUS	:	1.154	1.074	.962
HORIZONTAL SPREAD	:	1.781	1.437	1.437
VERTICAL SPREAD	:	1.855	1.855	1.601
EXTREME SPREAD	:	2.012	1.966	1.684
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

5 Aug 1991

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CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1in = 1

2in = 6

3in = 8

HS = 2.107

VS = 2.607

GS = 3.306

PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.128	.803	.696
MINIMUM X	-.979	-.854	-.938
MAXIMUM Y	1.340	1.487	1.353
MINIMUM Y	-1.267	-1.120	-1.234
CENTROID X	-.027	-.152	-.045
CENTROID Y	-.060	-.207	-.073
POA TO CENTROID in.	.066	.257	.086
MIN RADIUS	.298	.419	.313
MEAN RADIUS	1.044	.956	.893
MAX RADIUS	1.739	1.506	1.359
HORIZONTAL SPREAD	2.107	1.657	1.634
VERTICAL SPREAD	2.607	2.607	2.607
EXTREME SPREAD	3.306	2.785	2.641
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		8	

5 Aug 1991

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CENTERFIRE PATTERNS # 4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in = 1

2 in = 3

3 in = 7

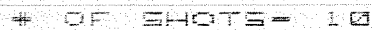
HS = 2.119

VS = 3.180

GS = 3.438

CENTROID *

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.175	1.186	1.106
MINIMUM X	-0.944	-0.913	-0.893
MAXIMUM Y	1.605	1.430	1.221
MINIMUM Y	-1.575	-1.674	-1.202
CENTROID X	.206	.075	.155
CENTROID Y	-.086	.089	.298
POA TO CENTROID in.	.223	.117	.336
MIN RADIUS	.247	.254	.276
MEAN RADIUS	1.140	1.022	.897
MAX RADIUS	1.965	1.791	1.306
HORIZONTAL SPREAD	2.119	1.999	1.999
VERTICAL SPREAD	3.180	3.104	2.423
EXTREME SPREAD	3.438	3.168	2.423
NUMBER IN ONE INCH CIRCLE	= 1		
NUMBER IN TWO INCH CIRCLE	= 3		
NUMBER IN THREE INCH CIRCLE	= 7		



IN CIR.

Spells - 1

Figure 1

011-10

HEAVYWEIGHT 2.200

1.501

CS- 2.538

CHROME

BARBER - M24 0067379 M2400067418