

Smith
III

FORM

UPC



0 47700 25716 7

C6665894

INCLUDES 1 IN CHAMBER

M2400103789

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

MODEL 700 TM M24

ORDER NO.

5716

BARREL LENGTH

Remington



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

MODEL 700 TM M24

SERIAL NO.

C6665894

ORDER NO.

5716

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

20

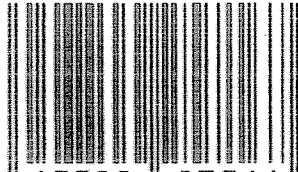


5716 C6665894

ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7

ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665894

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/26/91	KH
600	Proof		9/26/91	KH
607	Check Headspace		9/26/91	KH
610	Dis-assemble Gun		9/26/91	KH
612	Magnaflux Barrel Action	OCT	4 1991	KCD
	Magnaflux Bolt	OCT	4 1991	KCD
615	Rollmark Caliber	OCT	4 1991	GS
617	Drill and Tap Sight Holes	OCT	4 1991	LB
618	Polish Barrel	OCT	4 1991	WB
620	Apply Coatings (Barrel Action)		10-18-91	JA
	Apply Coating (Bolt)		10-18-91	JA
625	Final Assembly A) Clean inside of Bolt Assembly		11/14/91	KH
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/14/91	KH
	C) Inspect Ejector Hole for Chamfer		11/14/91	KH
	D) Oil Firing Pin Ass'y		11/14/91	KH
	E) Adjust Trigger Pull to Min Setting and Stake		11/15/91	JH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			11/15/91	SH
	G) Safety Off Force	4	4	4			11/15/91	SH
	H) Trigger Pull Test & Retainability						11-15-91	SH
	I) Firing Pin Indent	.021	.021	.021			11/15/91	SH
	J) Assemble Stock						11/22/91	SH
	K) Assemble Swivel Studs						11-26-91	SH
	L) Attach Front and Rear Sight Assemblies						11/22/91	SH
	M) Iron Sight Alignment						11/22/91	SH
	N) Detach Front & Rear Sights & place in numbered container						11/22/91	SH
	O) Attach Scope to Rifle						11/22/91	SH
	P) Detach & Attach Scope 20 Times						11/22/91	SH
640	Gallery Target & Test						11-25-91	DH
	A) Time						11-25-91	DH
	B) Malfunctions						11-25-91	DH
	C) Pierced Primers						11-25-91	DH
	D) Optical Clarity of Scope						11-25-91	DH
645	Inspect for Live Ammo						11-25-91	DH
655	Final Inspection							
	A) Headspace						11-26-91	SH
	B) Trigger Pull	2.55	2.37	2.55	2.55	2.56	11-26-91	DH
	C) Function						11-26-91	SH
660	Pack						11-26-91	SH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6665894DATE 11-15-91TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.49	2.59	2.55	2.55	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.58	2.62	2.58	2.37	
PULL #3	2.41	2.60	2.48	2.55	
PULL #4	2.60	2.58	2.44	2.55	
PULL #5	2.56	2.58	2.51	2.56	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.73	3.58		
PULL #2	3.57	3.60		
PULL #3	3.58	3.61		
PULL #4	3.58	3.52		
PULL #5	3.58	3.50		
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	4.27		4.57
PULL #2	4.49	4.49		4.46
PULL #3	4.25	4.31		4.54
PULL #4	4.31	4.31		4.39
PULL #5	4.39	4.53		4.25
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATION
FOR RIFLE # 1 0665894
25 Nov 1991

CENTROIDAL DISTANCES

0 TO	1	.915484
1 TO	2	.569036
1 TO	3	.406005
1 TO	4	.321179
1 TO	5	.231398

-----POR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1625
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .135
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .1757
THE AMP FOR THIS RIFLE IS: 1.051

25 NOV 1991

FILE: PATTERNING CENTERFIRE PWT-0000000

CENTERFIRE PATTERNS

FOR

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIP

1in = 2

2in = 5

3in = 7

HS= 2.000

VS= 2.905

GS= 3.180

PATTERN #

SHOTS (BEST OF)

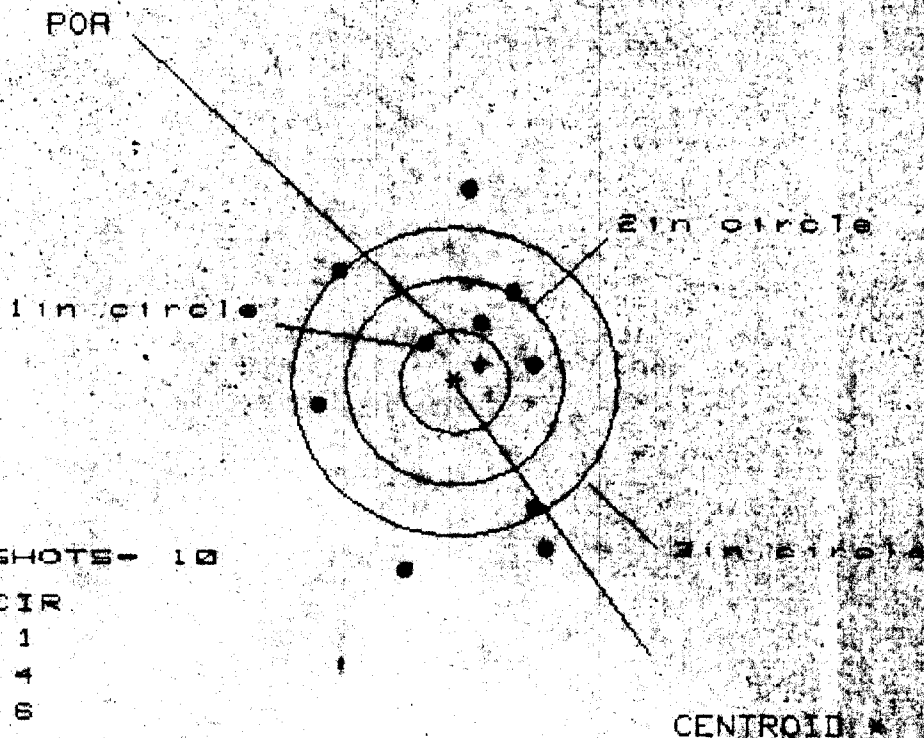
	10	9	8
MAXIMUM X	1.601	1.446	1.343
MINIMUM X	-1.399	-1.040	-1.143
MAXIMUM Y	1.629	1.487	.940
MINIMUM Y	-1.276	-1.261	-1.075
CENTROID X	.053	.208	.311
CENTROID Y	.311	.453	.267
FOR TO CENTROID in.	.316	.499	.410
MIN RADIUS	.069	.153	.281
MEAN RADIUS	1.029	.949	.847
MAX RADIUS	1.894	1.697	1.365
HORIZONTAL SPREAD	3.000	2.486	2.436
VERTICAL SPREAD	2.905	2.748	2.015
EXTREME SPREAD	3.180	2.964	2.591
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =			

25 Nov 1931

FILE: PATTERNS/CENTERFIRE PATTERN

CENTERFIRE PATTERNS

2



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 6

HS = 2.101

VS = 3.714

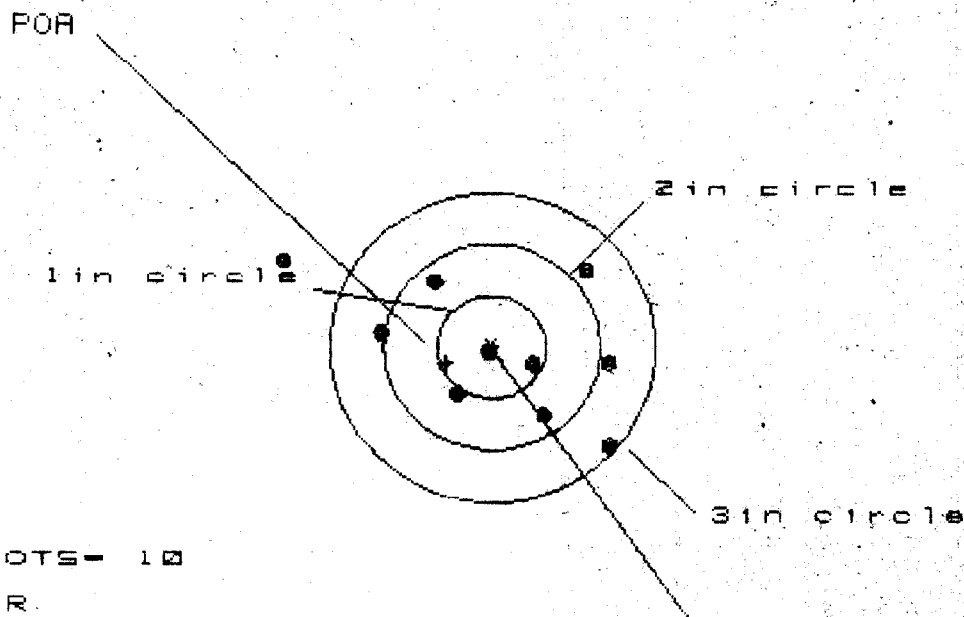
GS = 3.748

PATTERN #			
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.821	.775	.781
MINIMUM X	-1.280	-1.326	-1.320
MAXIMUM Y	1.853	1.646	1.029
MINIMUM Y	-1.861	-1.806	-1.600
CENTROID X	-.238	-.192	-.198
CENTROID Y	-.178	.029	-.177
POA TO CENTROID in.	.297	.194	.265
MIN RADIUS	.455	.335	.477
MEAN RADIUS	1.257	1.133	1.098
MAX RADIUS	1.907	1.965	1.780
HORIZONTAL SPREAD	2.101	2.101	2.101
VERTICAL SPREAD	3.714	3.452	2.629
EXTREME SPREAD	3.748	3.529	3.260
NUMBER IN ONE INCH CIRCLE	=	1	
NUMBER IN TWO INCH CIRCLE	=	4	
NUMBER IN THREE INCH CIRCLE	=	6	

25 NOV 1981

FILE:/PATTERNING/CENTERFIRE_PATT/C6605894

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR.

1in = 2

2in = 5

3in = 8

HS= 2.973

VS= 1.770

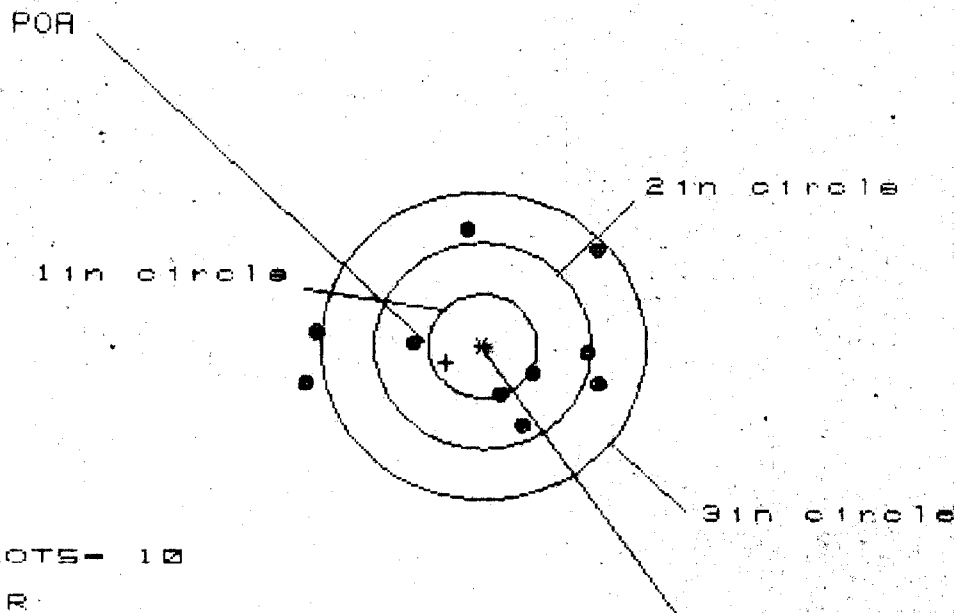
GS= 3.442

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.061	.849	.952
MINIMUM X	:	-1.912	-1.273	-1.170
MAXIMUM Y	:	.837	.869	.764
MINIMUM Y	:	-.933	-.840	-.680
CENTROID X	:	.427	.639	.536
CENTROID Y	:	.153	.060	.166
POA TO CENTROID IN.	:	.454	.642	.561
MIN RADIUS	:	.041	.172	.118
MEAN RADIUS	:	.944	.792	.744
MAX RADIUS	:	2.087	1.301	1.181
HORIZONTAL SPREAD	:	2.973	2.122	2.122
VERTICAL SPREAD	:	1.770	1.709	1.444
EXTREME SPREAD	:	3.442	2.374	2.148
NUMBER IN ONE INCH CIRCLE	=	2	5	9
NUMBER IN TWO INCH CIRCLE	=	5	9	9
NUMBER IN THREE INCH CIRCLE	=	9	9	9

25 Nov 1961

FILE:/PATTERNING/CENTERFIRE_PATT/C6665894

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in - 2

2in - 5

3in = 8

HS- 2.723

VS= 1.884

GS= 3.032

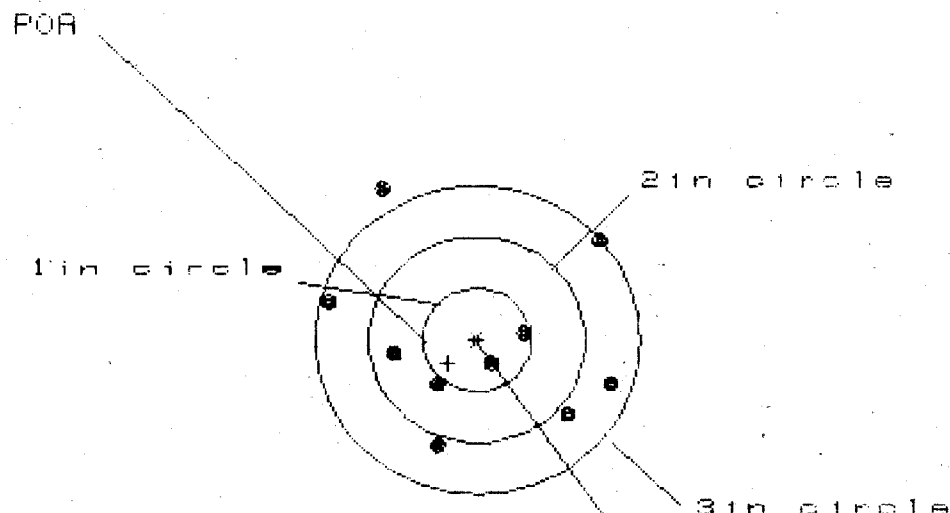
CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.041	.854	.640
MINIMUM X	:	-1.682	-1.713	-1.024
MAXIMUM Y	:	1.103	1.063	1.071
MINIMUM Y	:	-.780	-.821	-.813
CENTROID X	:	.337	.524	.738
CENTROID Y	:	.161	.202	.194
POA TO CENTROID in.	:	.374	.562	.763
MIN RADIUS	:	.430	.362	.248
MEAN RADIUS	:	1.024	.918	.781
MAX RADIUS	:	1.721	1.714	1.181
HORIZONTAL SPREAD	:	3.723	3.567	1.664
VERTICAL SPREAD	:	1.984	1.884	1.884
EXTREME SPREAD	:	3.032	2.710	1.934
NUMBER IN ONE INCH CIRCLE	:	2		
NUMBER IN TWO INCH CIRCLE	:	5		
NUMBER IN THREE INCH CIRCLE	:	8		

104-1391

FILE: PATTERNING/CENTERFIRE_PATT/06665894

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in - 2

2in - 4

3in - 9

HS- 2.618

VS- 2.441

GS- 2.814

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.254	1.159	1.283
MINIMUM X	:	-1.364	-1.459	-1.335
MAXIMUM Y	:	1.405	1.178	1.675
MINIMUM Y	:	-1.006	-0.847	-0.700
CENTROID X	:	.269	.364	.240
CENTROID Y	:	.228	.069	-.078
POR TO CENTROID DIST	:	.352	.370	.253
MIN RADIUS	:	.241	.066	.222
MEAN RADIUS	:	1.005	.887	.799
MAX RADIUS	:	1.605	1.552	1.496
HORIZONTAL SPREAD	:	.612	.618	.618
VERTICAL SPREAD	:	.440	.425	.375
EXTREME SPREAD	:	.814	.738	.738
NUMBER IN ONE INCH CIRCLE	:		2	
NUMBER IN TWO INCH CIRCLE	:		4	
NUMBER IN THREE INCH CIRCLE	:		9	