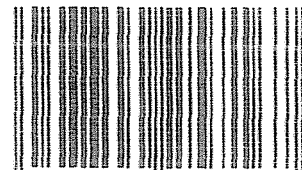


SMITH
SWORD
®

FORM

UPC



0 47700 25716 7

06665757

*INCLUDES 1 IN CHAMBER

5716

ORDER NO.

BARREL LENGTH

MODEL 700 TM M24

Remington



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

MODEL 700 TM M24

SERIAL NO.

C6665757

ORDER NO.

5716

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

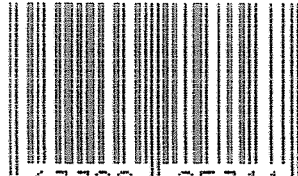


5716 C6665757

ORDER 5716

MODEL 700 TM M24

UPC

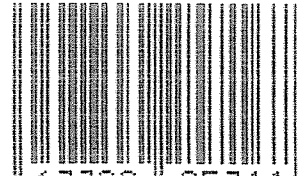


0 47700 25716 7

ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665757

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/26/91	KA
600	Proof		9/26/91	KA
607	Check Headspace		9/26/91	KA
610	Dis-assemble Gun		9/26/91	KA
612	Magnaflux Barrel Action		OCT 1 0 1991	KCR
	Magnaflux Bolt		OCT 0 1991	KCR
615	Rollmark Caliber		OCT 1 0 1991	CB
617	Drill and Tap Sight Holes		OCT 1 5 1991	LB
618	Polish Barrel		OCT 1 5 1991	WB
620	Apply Coatings (Barrel Action)		11/1/91	DA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		12/3/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/3/91	KA
	C) Inspect Ejector Hole for Chamfer		12/3/91	KA
	D) Oil Firing Pin Ass'y		12/3/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		1/26/91	KA

op. #	BARBER - M24 0102148	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			12-6-91	SP
	G) Safety Off Force	3	3	3			12-6-91	SP
	H) Trigger Pull Test & Retainability						12-6-91	SP
	I) Firing Pin Indent	.021	.021	.021			12-6-91	SP
	J) Assemble Stock						12/6/91	SP
	K) Assemble Swivel Studs						12-11-91	AC
	L) Attach Front and Rear Sight Assemblies						12/6/91	SP
	M) Iron Sight Alignment						12/6/91	SP
	N) Detach Front & Rear Sights & place in numbered container						12/6/91	SP
	O) Attach Scope to Rifle						12/6/91	SP
	P) Detach & Attach Scope 20 Times						12/6/91	SP
640	Gallery Target & Test						12-9-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						12-9-91	NF
655	Final Inspection							
	A) Headspace						12-11-91	AC
	B) Trigger Pull	2.69	2.70	2.66	2.66	2.59	12-11-91	SP
	C) Function						12-11-91	AC
660	Pack						12-19-91	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. C.6665757DATE 12-6-91TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.38	2.43	2.61	2.69	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.63	2.57	2.59	2.70	
PULL #3	2.56	2.57	2.63	2.66	
PULL #4	2.41	2.67	2.65	2.66	
PULL #5	2.59	2.63	2.61	2.59	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.58	3.48		
PULL #2	3.56	3.44		
PULL #3	3.54	3.58		
PULL #4	3.51	3.56		
PULL #5	3.55	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	4.47	4.34		4.41
PULL #2	4.48	4.44		4.36
PULL #3	4.45	4.40		4.33
PULL #4	4.46	4.44		4.29
PULL #5	4.45	4.32		4.21
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665757
9 Dec 1991

CENTROIDAL DISTANCES

0 TO 1	.209755
1 TO 2	.0970206
1 TO 3	.283986
1 TO 4	.246789
1 TO 5	.177045

PA <---POA

THIS RIFLE IS: -.089

THIS RIFLE IS: -.0306

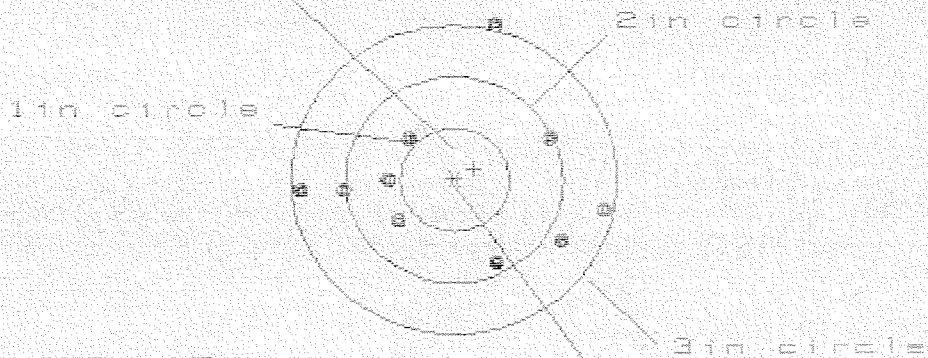
FOR THIS RIFLE IS: .0941135

9 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665757

CENTERFIRE PATTERNS # 1

POA



OF SHOTS- 10

IN CIR

1in = 0

2in = 5

3in = 0

MEAN = 0.000

SD = 0.000

CV = 0.000

CENTROID *

SHOT	10	9	8
1	1.391	1.431	1.207
2	-1.382	-1.342	-1.163
3	1.543	.614	.595
4	-.809	-.637	-.657
5	-.151	-.221	-.400
6	-.106	-.278	-.259
7	.210	.355	.477
8	.610	.532	.392
9	.001	.951	.849
10	.066	1.440	1.294
11	2.770	2.773	2.370
12	2.352	1.251	1.251
13	2.781	2.781	2.423
14		0	
15		0	
16		0	

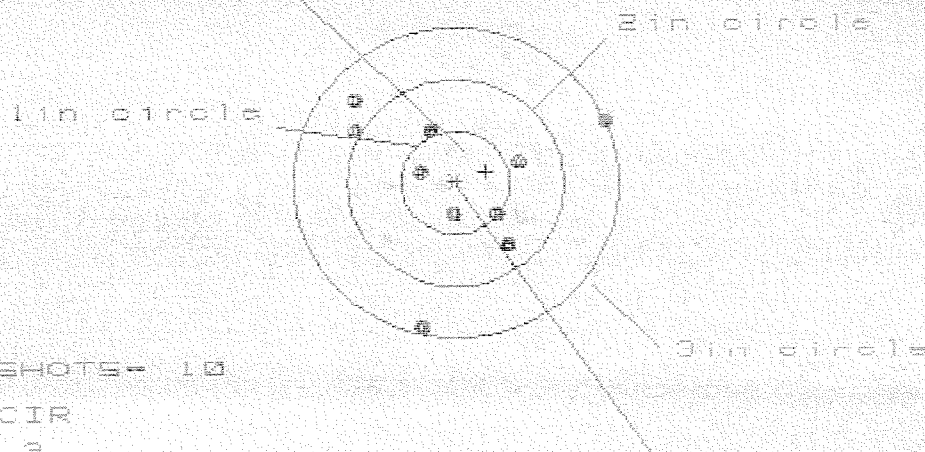
9 Dec 1991

FILE: PATTERNING/CENTERFIRE_PATT/05685757

CENTERFIRE PATTERNS

2

FOR



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 5

3 in = 10

MS= 2.322

VS= 2.214

CS= 2.591

CENTROID +

PATTERN #

2

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.359

.763

.740

MINIMUM X

-.963

-.812

-.835

MAXIMUM Y

.809

.870

.702

MINIMUM Y

-1.405

-1.344

-.689

CENTROID X

-.278

-.429

-.406

CENTROID Y

-.184

-.165

.003

CENTROID INCH

.297

.460

.406

MS

.307

.195

.177

VS

.820

.738

.652

CS

1.468

1.357

1.023

SPREAD

2.022

1.575

1.575

SPREAD

2.214

2.214

1.391

SPREAD

2.591

2.278

1.325

SPREAD

3

6

10

SPREAD

6

10

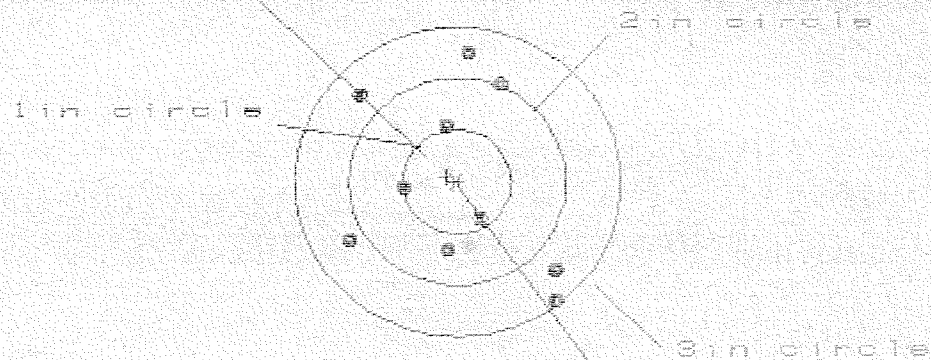
10

9 Dec 1991

FILE: PATTERNING/CENTERFIRE_PATT/CB685757

CENTERFIRE PATTERNS # 3

POB



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 4

3 in = 10

HS= 1.929

VS= 2.347

GS= 2.686

CENTROID +

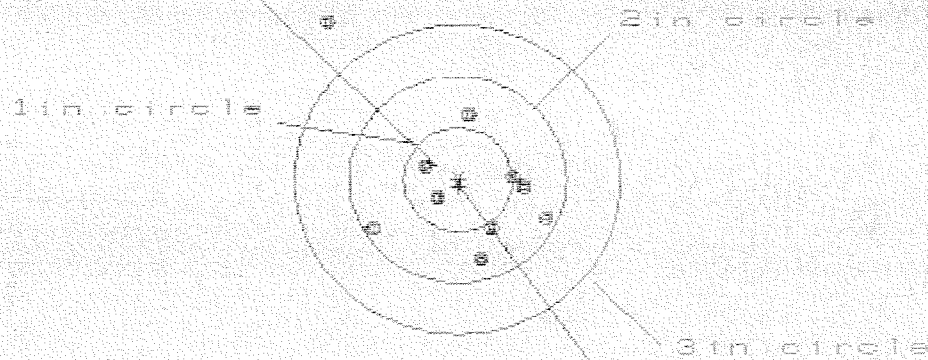
PATTERN #	3	9	8
SHOTS (BEST OF)	10		
MAXIMUM X	.914	.972	.871
MINIMUM X	-1.015	-.913	-1.014
MAXIMUM Y	1.236	1.112	1.205
MINIMUM Y	-1.111	-.935	-.842
CENTROID X	.097	-.085	.096
CENTROID Y	-.049	.076	-.017
1 IN TO CENTROID (in)	.108	.076	.097
2 IN RADIUS	.456	.430	.463
3 IN RADIUS	.950	.885	.852
4 IN RADIUS	1.409	1.348	1.212
5 IN RADIUS	1.929	1.885	1.885
6 IN RADIUS	2.347	2.047	2.047
7 IN RADIUS	2.686	2.441	2.197
CENTER IN ONE IN CIRCLE	=	2	
CENTER IN TWO IN CIRCLE	=	4	
CENTER IN THREE IN CIRCLE	=	10	

9 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665757

CENTERFIRE PATTERNS # 4

FOR



OF SHOTS= 10

IN CIR

1in = 3

2in = 8

3in = 9

HS= 2.034

VS= 2.289

GS= 2.817

CENTROID *

PATTERN #

4

SHOTS (BEST OF)	10	9	6
MAXIMUM X	.801	.664	.543
MINIMUM X	-1.233	-.970	-.512
MAXIMUM Y	1.563	.826	.786
MINIMUM Y	-.726	-.552	-.592
CENTROID X	-.005	.132	.253
CENTROID Y	.067	-.107	-.067
MAX TO CENTROID IN.	.067	.170	.262
AVG. RADIUS	.276	.338	.259
MAX. RADIUS	.746	.569	.496
AVG. RADIUS	1.991	1.022	.798
HORIZONTAL SPREAD	2.034	1.634	1.055
VERTICAL SPREAD	2.289	1.378	1.378
EXTREME SPREAD	2.817	1.638	1.383
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		9	
NUMBER IN THREE INCH CIRCLE =		9	

9 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6685757

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 3

2in = 8

3in = 9

SE= 2.027

VE= 2.180

GE= 2.977

PATTERN #

5

SHOTS (BEST OF)	10	9	8
MAXIMUM X	.822	.688	.680
MINIMUM X	-1.205	-.770	-.684
MAXIMUM Y	.993	.697	.562
MINIMUM Y	-1.188	-1.077	-.564
CENTROID X	-.078	.056	-.029
CENTROID Y	.038	-.073	.062
CENTROID DIST	.086	.092	.069
SE	.225	.271	.175
VE	.724	.637	.528
GE	1.562	1.278	.744
SE	2.027	1.458	1.345
VE	2.180	1.774	1.126
GE	2.977	2.177	1.459
NUMBER IN ONE IN. CIRCLE	=	3	
NUMBER IN TWO IN. CIRCLE	=	8	
NUMBER IN THREE IN. CIRCLE	=	9	