

Smith
III

FORM

UPC



0 47700 25716 7

06665748

RECEIVED 11/11/2008

MODEL 700TM 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.

C6665748

ORDER NO.

5716

20

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

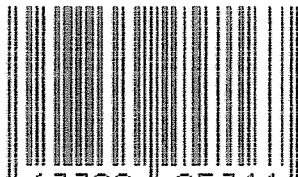


5716 C6665748

ORDER 5716

MODEL 700 TM M24

UPC

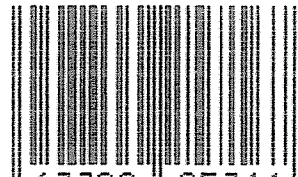


0 47700 25716 7

ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # *C6665748*

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10 1	91	<i>RW</i>
600	Proof	10 1	91	<i>RW</i>
607	Check Headspace		91	<i>RW</i>
610	Dis-assemble Gun	10 1		<i>RW</i>
612	Magnaflux Barrel Action		OCT 4 1991	<i>KR</i>
	Magnaflux Bolt		OCT 4 1991	<i>KR</i>
615	Rollmark Caliber		OCT 4 1991	<i>SL</i>
617	Drill and Tap Sight Holes		OCT 4 1991	<i>LB</i>
618	Polish Barrel		10/8/91	<i>WB</i>
620	Apply Coatings (Barrel Action)		10-22-91	<i>AS</i>
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/22/91	<i>RW</i>
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/22/91	<i>RW</i>
	C) Inspect Ejector Hole for Chamfer		10/22/91	<i>RW</i>
	D) Oil Firing Pin Ass'y		10/22/91	<i>RW</i>
	E) Adjust Trigger Pull to Min Setting and Stake		11-1-91	<i>FL</i>

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	5	4			11-1-91	RM
	G) Safety Off Force	3	4	3			11-1-91	RM
	H) Trigger Pull Test & Retainability						11-1-91	RM
	I) Firing Pin Indent	.021	.020	.0205			11-1-91	RM
	J) Assemble Stock						11/4/91	RM
	K) Assemble Swivel Studs						11-13-91	AC
	L) Attach Front and Rear Sight Assemblies						11/4/91	RM
	M) Iron Sight Alignment						11/4/91	RM
	N) Detach Front & Rear Sights & place in numbered container						11/4/91	RM
	O) Attach Scope to Rifle						11/4/91	RM
	P) Detach & Attach Scope 20 Times						11/4/91	RM
640	Gallery Target & Test						11/4/91	N
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clarity of Scope						"	AF
645	Inspect for Live Ammo						11/4/91	AF
655	Final Inspection							
	A) Headspace						11-13-91	AC
	B) Trigger Pull	251	246	241	225	229	11-6-91	D/H
	C) Function						11-13-91	AC
660	Pack						12-19-91	N

SWS TRIGGER PULL TEST

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

SERIAL NO. C6665748
DATE 11-1-91
TESTER JR

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.19	2.42	2.49	251	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.23	2.46	2.53	246	
PULL #3	2.48	2.54	2.55	241	
PULL #4	2.42	2.56	2.40	225	
PULL #5	2.36	2.47	2.47	229	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.58	3.41		
PULL #2	3.64	3.43		
PULL #3	3.65	3.54		
PULL #4	3.46	3.47		
PULL #5	3.48	3.51		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.30	4.48		4.50
PULL #2	4.41	4.36		4.42
PULL #3	4.47	4.35		4.43
PULL #4	4.39	4.39		4.51
PULL #5	4.28	4.49		4.51
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665748
4 Nov 1991

CENTROIDAL DISTANCES

0 TO	1	.269225
1 TO	2	.304113
1 TO	3	.252765
1 TO	4	.361843
1 TO	5	.271892

4 <----POA

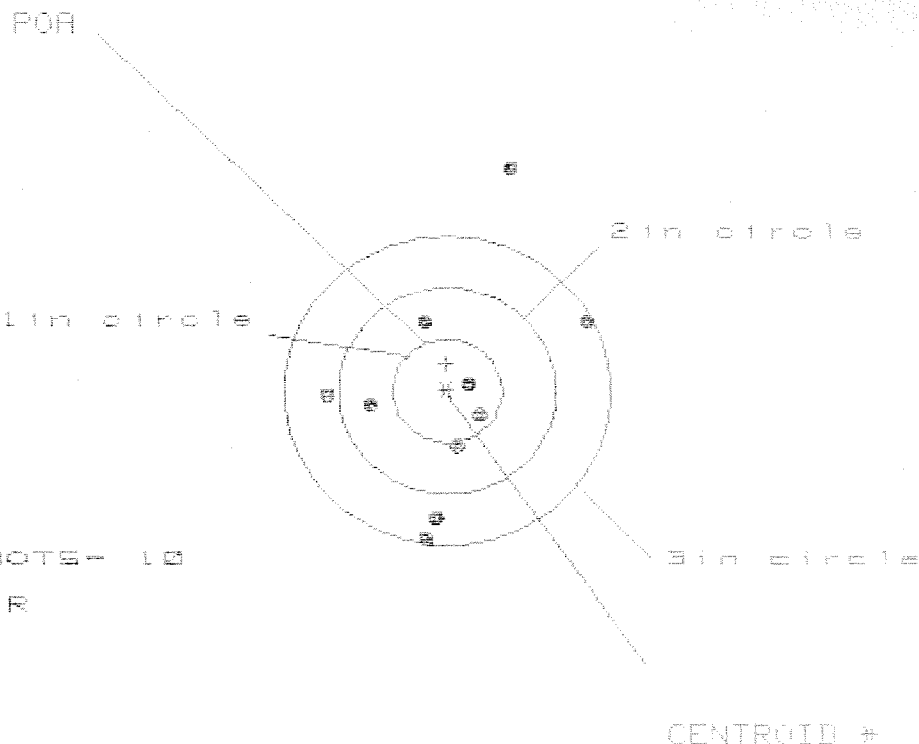
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0762
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0506
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0914700

THE AMR FOR THIS RIFLE IS: .9688

4 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/09685748

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 9

HS= 2.462

VS= 3.512

GS= 3.601

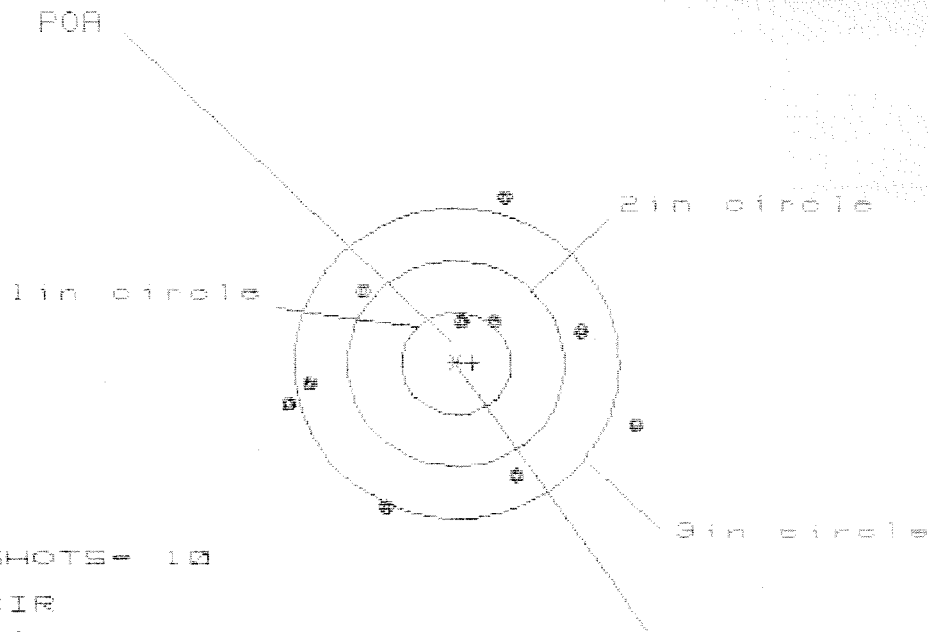
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.327	1.388	.554
MINIMUM X	-1.135	-1.074	-.901
MAXIMUM Y	2.126	.930	1.045
MINIMUM Y	-1.386	-1.150	-1.035
CENTROID X	.011	-.050	-.224
CENTROID Y	-.269	-.505	-.620
POA TO CENTROID in.	.269	.507	.659
MIN RADIUS	.173	.328	.346
MEAN RADIUS	1.002	.841	.738
MAX RADIUS	2.196	1.664	1.045
HORIZONTAL SPREAD	2.462	2.462	1.455
VERTICAL SPREAD	3.512	2.080	2.080
EXTREME SPREAD	3.601	2.596	2.080
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

4 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/CG665748

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 1

2in = 2

3in = 7

HS= 3.157

VS= 2.996

GS= 3.195

CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.632	1.375	1.460
MINIMUM X	:	-1.525	-1.344	-1.259
MAXIMUM Y	:	1.645	1.582	.884
MINIMUM Y	:	-1.351	-1.414	-1.217
CENTROID X	:	-.150	-.331	-.416
CENTROID Y	:	-.011	.052	-.145
POA TO CENTROID in.	:	.150	.335	.440
MIN RADIUS	:	.386	.407	.617
MEAN RADIUS	:	1.240	1.176	1.116
MAX RADIUS	:	1.728	1.721	1.538
HORIZONTAL SPREAD	:	3.157	2.719	2.719
VERTICAL SPREAD	:	2.996	2.996	2.101
EXTREME SPREAD	:	3.195	3.195	2.812
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		7	

4 Nov 1991

FILE: \PATTERNING\CENTERFIRE_PATT\G8865748

CENTERFIRE PATTERNS # 3

POR

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 10

HS= 2.067

VS= 1.443

GS= 2.308

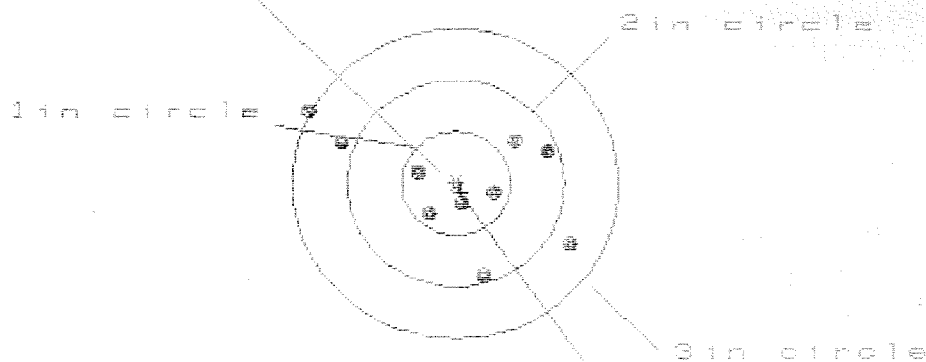
PATTERN #	:	3	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.002	.896	.717
MINIMUM X	:	-1.065	-1.171	-1.060
MAXIMUM Y	:	.678	.593	.640
MINIMUM Y	:	-.765	-.694	-.647
CENTROID X	:	-.108	-.002	-.114
CENTROID Y	:	-.046	.039	-.008
POR TO CENTROID in.	:	.117	.039	.114
MIN RADIUS	:	.385	.326	.417
MEAN RADIUS	:	.791	.724	.700
MAX RADIUS	:	1.224	1.183	1.066
HORIZONTAL SPREAD	:	2.067	2.067	1.776
VERTICAL SPREAD	:	1.443	1.287	1.287
EXTREME SPREAD	:	2.308	2.137	1.892
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

4 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6685748

CENTERFIRE PATTERNS # 4

POA



OF SHOTS- 10

IN CIR

1in = 4

2in = 7

3in = 10

HS= 2.392

VS= 1.555

GS= 2.721

CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.057	.909	.851
MINIMUM X	:	-1.335	-1.234	-1.121
MAXIMUM Y	:	.677	.507	.439
MINIMUM Y	:	-.878	-.803	-.871
CENTROID X	:	-.048	.100	-.013
CENTROID Y	:	.088	.013	.081
POA TO CENTROID in.	:	.100	.101	.082
MIN RADIUS	:	.139	.153	.134
MEAN RADIUS	:	.758	.659	.606
MAX RADIUS	:	1.497	1.328	1.198
HORIZONTAL SPREAD	:	2.392	2.143	1.972
VERTICAL SPREAD	:	1.555	1.310	1.310
EXTREME SPREAD	:	2.721	2.380	1.973
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

4 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6665748

CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS = 2.189

VS = 2.875

GS = 3.189

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.320	.829	.778
MINIMUM X	:	-.869	-.722	-.773
MAXIMUM Y	:	1.232	1.049	.844
MINIMUM Y	:	-1.643	-1.637	-1.017
CENTROID X	:	-.086	-.230	-.182
CENTROID Y	:	-.015	.168	.373
POA TO CENTROID in.	:	.087	.287	.415
MIN RADIUS	:	.449	.642	.598
MEAN RADIUS	:	1.053	.912	.785
MAX RADIUS	:	2.108	1.687	1.038
HORIZONTAL SPREAD	:	2.189	1.551	1.551
VERTICAL SPREAD	:	2.875	2.686	1.861
EXTREME SPREAD	:	3.189	2.731	1.869
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	