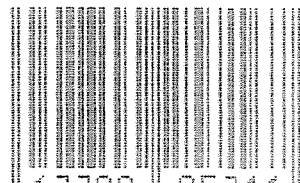


Smith
Spend®

FORM

UPC



0 47700 25716 7

06665886

*INCLUDES 1 IN CHAMBER

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.

C6665886

ORDER NO.

5716

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

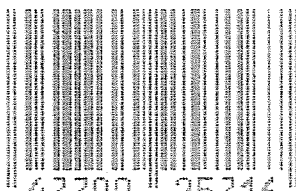


5716 C6665886

ORDER 5716

MODEL 700 TM M24

UPC

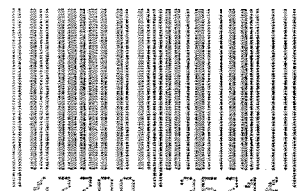


0 47700 25716 7

ORDER 5716

MODEL 700 TM M24

UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665886

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/23/91	KL
600	Proof		9/23/91	KL
607	Check Headspace		9/23/91	KL
610	Dis-assemble Gun		9/23/91	KL
612	Magnaflux Barrel Action		SEP 30 1991	KR
	Magnaflux Bolt		SEP 30 1991	KR
615	Rollmark Caliber		SEP 30 1991	LB
617	Drill and Tap Sight Holes		SEP 30 1991	KB
618	Polish Barrel		OCT 2 1991	WB
620	Apply Coatings (Barrel Action)		11/2/91	KL
	Apply Coating (Bolt)		11/2/91	KL
625	Final Assembly A) Clean inside of Bolt Assembly		10/8/91	KL
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/8/91	KL
	C) Inspect Ejector Hole for Chamfer		10/8/91	KL
	D) Oil Firing Pin Ass'y		10/8/91	KL
	E) Adjust Trigger Pull to Min Setting and Stake		10/9/91	KL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			10-9-91	K
	G) Safety Off Force	3	3	3			10-9-91	K
	H) Trigger Pull Test & Retainability						10-9-91	D/H
	I) Firing Pin Indent	.022	.021	.021			10-9-91	AC
	J) Assemble Stock						10/11/91	RW
	K) Assemble Swivel Studs						10-17-91	AC
	L) Attach Front and Rear Sight Assemblies						10/11/91	RW
	M) Iron Sight Alignment						10/11/91	RW
	N) Detach Front & Rear Sights & place in numbered container						10/11/91	RW
	O) Attach Scope to Rifle						10/11/91	RW
	P) Detach & Attach Scope 20 Times						10/11/91	RW
640	Gallery Target & Test						10-11-91	AC
	A) Time						10-11-91	AC
	B) Malfunctions						10-11-91	AC
	C) Pierced Primers						10-11-91	AC
	D) Optical Clarity of Scope						10-11-91	AC
645	Inspect for Live Ammo						10-11-91	AC
655	Final Inspection							
	A) Headspace						10-17-91	K
	B) Trigger Pull	2.41	2.44	2.47	2.45	2.39	10-11-91	D/H
	C) Function						10-17-91	AC
660	Pack						12-17-91	N

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. CCGG5886

DATE 10-9-91

TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.69	2.58	2.49	2.41	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.66	2.65	2.68	2.44	
PULL #3	2.64	2.46	2.78	2.47	
PULL #4	2.67	2.39	2.73	2.45	
PULL #5	2.68	2.66	2.72	2.39	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.12	3.19		
PULL #2	3.15	3.13		
PULL #3	3.15	3.13		
PULL #4	3.10	3.21		
PULL #5	3.18	3.19		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.05	4.35		4.34
PULL #2	4.19	4.11		4.36
PULL #3	4.25	4.20		4.00
PULL #4	4.19	4.27		4.31
PULL #5	4.35	4.00		4.37
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06665862
14 Oct 1991

CENTROIDAL DISTANCES

0 TO 1	.418422
1 TO 2	.379191
1 TO 3	.329005
1 TO 4	.373563
1 TO 5	.0547083

2
3
4 (----POA

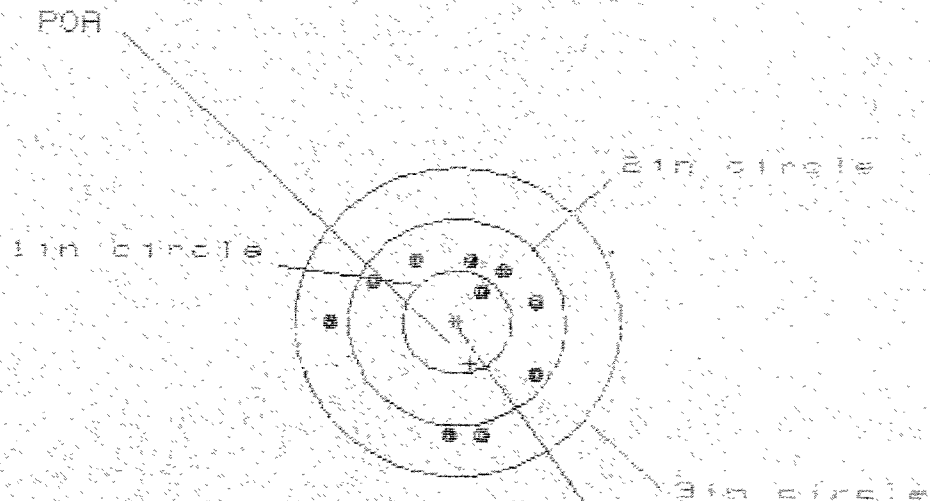
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1774
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .3656
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .468253

THE AMR FOR THIS RIFLE IS: .8576

14 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/C8695066

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1in = 1

2in = 7

3in = 10

HS = 1.822

VS = 1.717

CS = 1.887

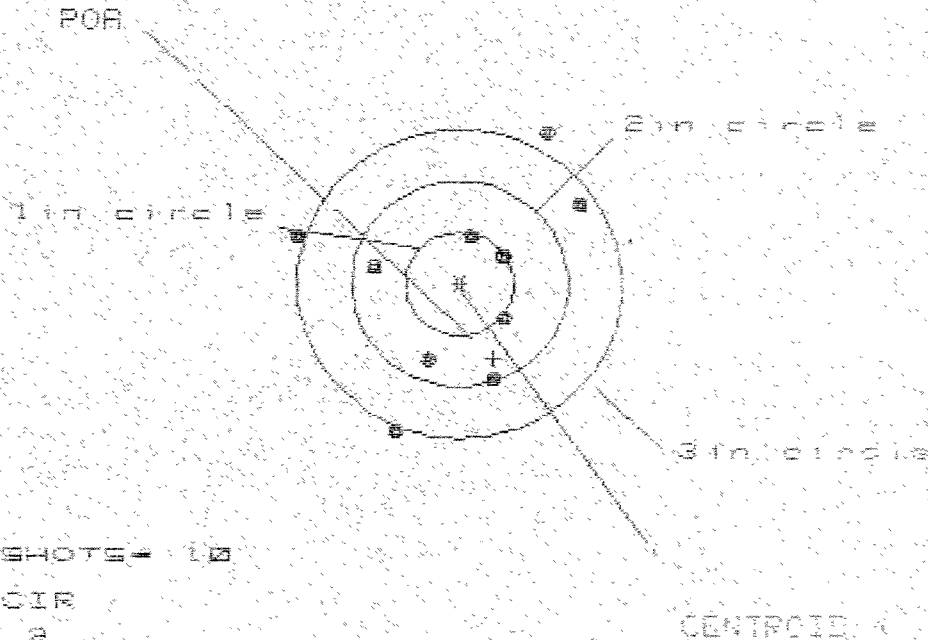
CENTROID *

PATTERN #	1	9	6
SHOTS (BEST OF)	10	9	6
MAXIMUM X	.695	.570	.577
MINIMUM X	-1.127	-.944	-.938
MAXIMUM Y	.637	.633	.748
MINIMUM Y	-1.080	-1.084	-1.146
CENTROID X	-.126	-.001	-.009
CENTROID Y	.399	.403	.538
POA TO CENTROID in.	.418	.403	.538
1IN RADIUS	.444	.376	.261
MEAN RADIUS	.819	.763	.680
MAX RADIUS	1.127	1.091	1.222
HORIZONTAL SPREAD	1.822	1.514	1.514
VERTICAL SPREAD	1.717	1.717	1.526
EXTREME SPREAD	1.887	1.818	1.796
NUMBER IN ONE INCH CIRCLE =	1	7	10
NUMBER IN TWO INCH CIRCLE =	7	10	10
NUMBER IN THREE INCH CIRCLE =	10	10	10

14 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/C86658B6

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 5

3 in = 7

HS = 2.613

VS = 2.935

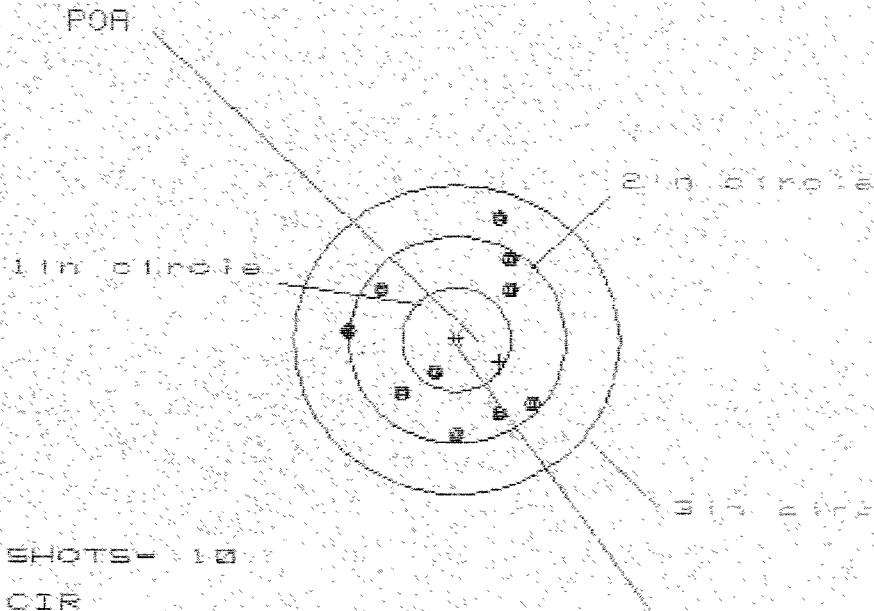
GS = 3.264

PATTERN #	2
SHOTS (BEST OF)	10
MAXIMUM X	1.101
MINIMUM X	-1.512
MAXIMUM Y	1.468
MINIMUM Y	-1.467
CENTROID X	-.311
CENTROID Y	.730
POA TO CENTROID (in.)	.794
MIN RADIUS	.443
MEAN RADIUS	1.025
MAX RADIUS	1.695
HORIZONTAL SPREAD	2.613
VERTICAL SPREAD	2.935
EXTREME SPREAD	3.264
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	7

14 Oct 1981

FILE: PATTERNING/CENTERFIRE.PATT/00055686

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 9

3 in = 10

HS= 1.672

VS= 2.137

GS= 2.168

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.682	.723	.684
MINIMUM X	:	-.998	-.949	-.810
MAXIMUM Y	:	1.196	.956	.987
MINIMUM Y	:	-.941	-.808	-.777
CENTROID X	:	-.396	-.437	-.318
CENTROID Y	:	.211	.078	.047
POA TO CENTROID in.	:	.449	.444	.331
MIN RADIUS	:	.395	.265	.335
MEAN RADIUS	:	.864	.796	.768
MAX RADIUS	:	1.250	1.109	1.082
HORIZONTAL SPREAD	:	1.672	1.672	1.414
VERTICAL SPREAD	:	2.137	1.764	1.764
EXTREME SPREAD	:	2.168	1.840	1.840
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

14 Oct 1991

FILE: PATTERNING/CENTERFIRE_PATT/06605686

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 4

2 in = 8

3 in = 10

HS = 1.798

VS = 1.593

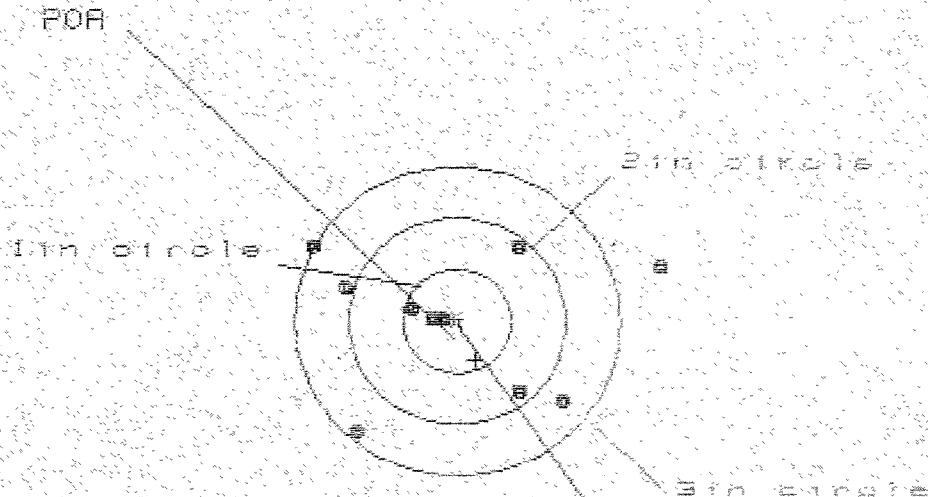
GS = 1.826

PATTERN #	4	9	9
SHOTS (BEST OF)	10	9	9
MAXIMUM X	1.104	.773	.261
MINIMUM X	-.694	-.572	-.475
MAXIMUM Y	.810	.850	.403
MINIMUM Y	-.783	-.743	-.637
CENTROID X	.119	-.003	-.100
CENTROID Y	.117	.077	-.629
POA TO CENTROID in.	.167	.077	.104
MIN RADIUS	.130	.019	.155
MEAN RADIUS	.588	.487	.467
MAX RADIUS	1.160	1.149	.668
HORIZONTAL SPREAD	1.798	1.345	.736
VERTICAL SPREAD	1.593	1.593	1.045
EXTREME SPREAD	1.826	1.727	1.164
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	

14 Oct 1991

FILE:/PATTERNING/CENTERFIRE PATT/C86853B6

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 3

2in = 5

3in = 9

HS= 3.145

VS= 1.845

GS= 3.259

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.856	1.297	1.871
MINIMUM X	:	-1.295	-1.089	-1.981
MAXIMUM Y	:	.737	.800	.838
MINIMUM Y	:	-1.188	-1.045	-1.946
CENTROID X	:	-.173	-.379	-.243
CENTROID Y	:	.371	.308	.269
POA TO CENTROID in.	:	.410	.488	.320
MIN RADIUS	:	.155	.095	.198
MEAN RADIUS	:	.992	.848	.916
MAX RADIUS	:	1.936	1.390	1.386
HORIZONTAL SPREAD	:	3.145	2.296	2.052
VERTICAL SPREAD	:	1.845	1.845	1.845
EXTREME SPREAD	:	3.259	2.732	2.411
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			9	