

SHRED
®

FORM

UPC



06655752

MODEL 700 TM M24

ORDER NO.

5716

BARREL LENGTH

Remington



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

MODEL 700TM M24

SERIAL NO.

C6665752

ORDER NO.

5716

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



5716 C6665752

ORDER 5716

MODEL 700TM M24

UPC



0 47700 25716 7

ORDER 5716

MODEL 700TM M24

UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6665752

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	9 26 91	Ru
600	Proof		9 26 91	Ru
607	Check Headspace		9 26 91	Ru
610	Dis-assemble Gun		9 26 91	Ru
612	Magnaflux Barrel Action		SEP 30 1991	KR
	Magnaflux Bolt		SEP 30 1991	KR
615	Rollmark Caliber		SEP 30 1991	LS
617	Drill and Tap Sight Holes		SEP 30 1991	KB
618	Polish Barrel		OCT 2 1991	WT
620	Apply Coatings (Barrel Action)		10-13-91	DA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		10/13/91	Ru
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/13/91	Ru
	C) Inspect Ejector Hole for Chamfer		10/13/91	Ru
	D) Oil Firing Pin Ass'y		10/13/91	Ru
	E) Adjust Trigger Pull to Min Setting and Stake		10/22/91	JH

Op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5 $\frac{3}{4}$	6	6 $\frac{1}{4}$			10-22-91	DH
	G) Safety Off Force	2 $\frac{1}{4}$	2	2			10-22-91	DH
	H) Trigger Pull Test & Retainability						10/22/91	JH
	I) Firing Pin Indent	.021	.020	.020			10-22-91	DH
	J) Assemble Stock						10/23/91	RW
	K) Assemble Swivel Studs						10-30-91	AC
	L) Attach Front and Rear Sight Assemblies						10/23/91	RW
	M) Iron Sight Alignment						10/23/91	RW
	N) Detach Front & Rear Sights & place in numbered container						10/23/91	RW
	O) Attach Scope to Rifle						10/23/91	RW
	P) Detach & Attach Scope 20 Times						10/23/91	RW
640	Gallery Target & Test						10/23/91	LT
	A) Time						"	LT
	B) Malfunctions						"	LT
	C) Pierced Primers						"	LT
	D) Optical Clarity of Scope						"	LT
645	Inspect for Live Ammo						10/23/91	LT
655	Final Inspection							
	A) Headspace						10-30-91	AC
	B) Trigger Pull	2.50	2.57	2.70	2.73	2.70	10-25-91	DH
	C) Function						10-30-91	AC
660	Pack						12-20-91	NF

SWS TRIGGER PULL TEST

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

SERIAL NO. C-6665752DATE 10/22/91TESTER JF

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.45	2.25	2.22	250	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.43	2.25	2.20	257	
PULL #3	2.39	2.24	2.28	270	
PULL #4	2.45	2.23	2.18	273	
PULL #5	2.22	2.23	2.25	270	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.35	3.32		
PULL #2	3.43	3.24		
PULL #3	3.31	3.22		
PULL #4	3.41	3.28		
PULL #5	3.39	3.28		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.33	4.40		4.33
PULL #2	4.34	4.45		4.26
PULL #3	4.32	4.39		4.33
PULL #4	4.28	4.25		4.26
PULL #5	4.34	4.30		4.20
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06665752
28 Oct 1991

CENTROIDAL DISTANCES

0 TO 1	.114215
1 TO 2	.248485
1 TO 3	.215037
1 TO 4	.517487
1 TO 5	.166715

$\frac{5}{12}$ ←---POA
4

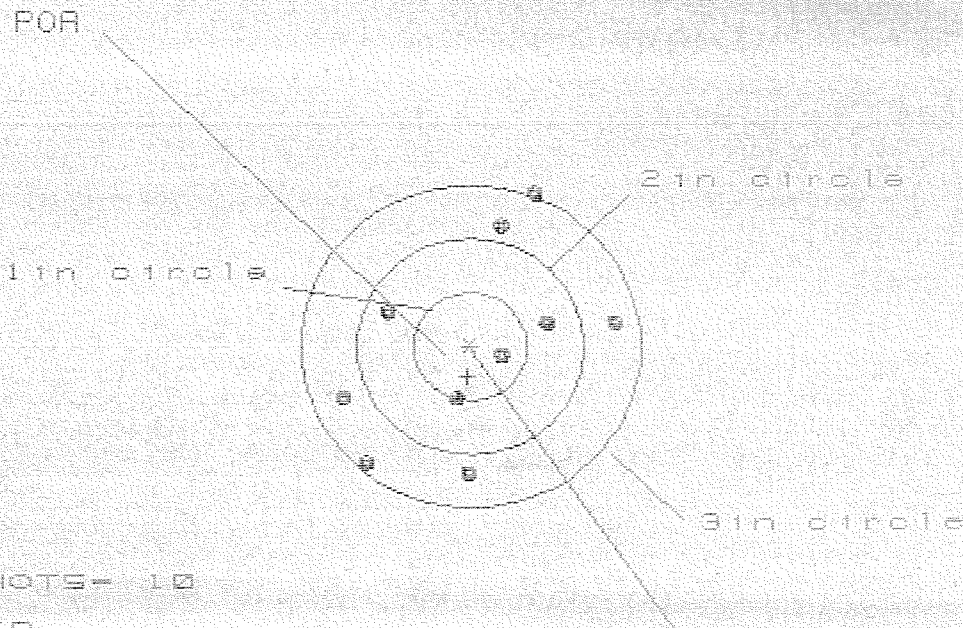
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0758
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0254
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0799425

THE AMR FOR THIS RIFLE IS: 1.002

23 Oct 1991

FILE: /PATTERNING/CENTERFIRE_PATT/06065752

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS= 2.412

VS= 2.559

GS= 2.912

CENTROID *

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.252	1.315	1.213
MINIMUM X	-1.160	-1.097	-1.199
MAXIMUM Y	1.421	1.317	1.198
MINIMUM Y	-1.138	-.980	-1.099
CENTROID X	.028	-.035	.067
CENTROID Y	.277	.119	.238
POA TO CENTROID in.	.279	.124	.247
MIN RADIUS	.233	.307	.188
MEAN RADIUS	1.005	.932	.881
MAX RADIUS	1.531	1.365	1.291
HORIZONTAL SPREAD	2.412	2.412	2.412
VERTICAL SPREAD	2.559	2.297	2.297
EXTREME SPREAD	2.912	2.533	2.519
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		9	

23 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08065752

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= 1.122

VS= 2.710

GS= 2.714

PATTERN #

4

SHOTS (BEST OF)

10

9

8

MAXIMUM X

:

.562

.548

.550

MINIMUM X

:

-.560

-.574

-.572

MAXIMUM Y

:

1.237

1.074

.573

MINIMUM Y

:

-1.473

-.695

-.561

CENTROID X

:

-.075

-.061

-.063

CENTROID Y

:

-.399

-.236

-.370

POA TO CENTROID in.

:

.406

.244

.375

MIN RADIUS

:

.222

.079

.191

MEAN RADIUS

:

.670

.550

.493

MAX RADIUS

:

1.478

1.074

.801

HORIZONTAL SPREAD

:

1.122

1.122

1.122

VERTICAL SPREAD

:

2.710

1.769

1.194

EXTREME SPREAD

:

2.714

1.865

1.364

NUMBER IN ONE INCH CIRCLE =

4

NUMBER IN TWO INCH CIRCLE =

8

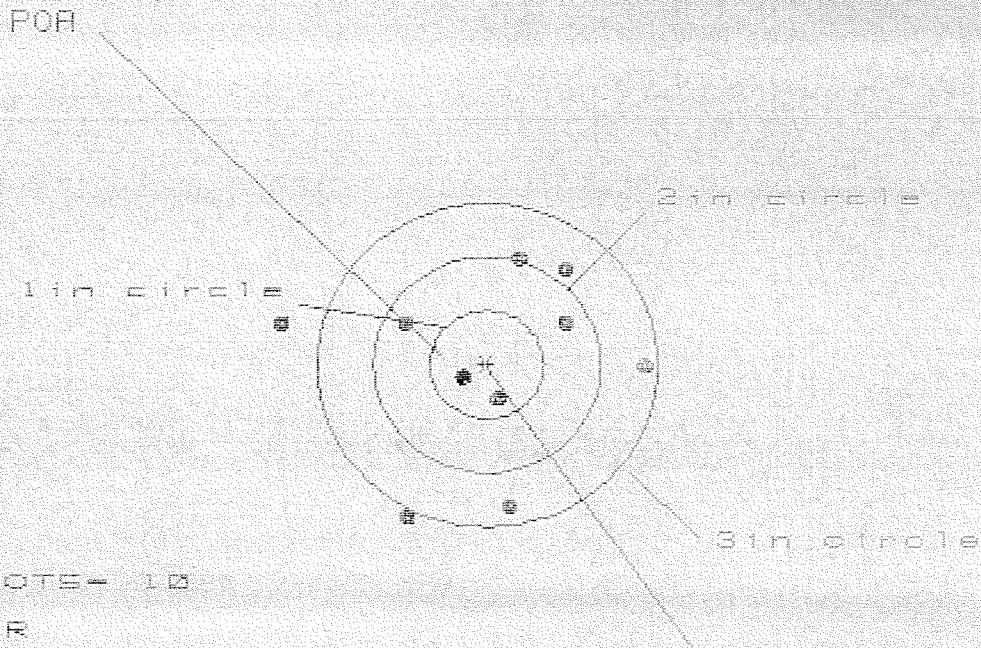
NUMBER IN THREE INCH CIRCLE =

10

23 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6685752

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS= 3.242

VS= 2.466

GS= 3.267

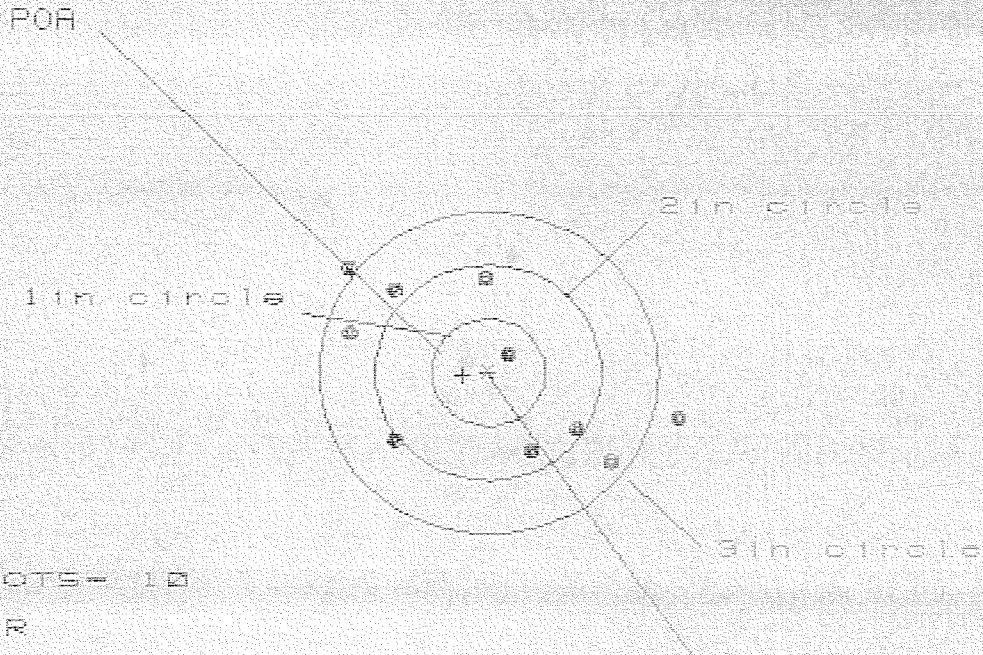
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.432	1.231	1.111
MINIMUM X	:	-1.810	-.956	-.992
MAXIMUM Y	:	1.033	1.079	.905
MINIMUM Y	:	-1.433	-1.387	-1.393
CENTROID X	:	.208	.409	.529
CENTROID Y	:	.110	.064	.238
POA TO CENTROID in.	:	.236	.414	.580
MIN RADIUS	:	.242	.311	.462
MEAN RADIUS	:	1.059	.964	.862
MAX RADIUS	:	1.857	1.685	1.397
HORIZONTAL SPREAD	:	3.242	2.187	2.103
VERTICAL SPREAD	:	2.466	2.466	2.298
EXTREME SPREAD	:	3.267	2.768	2.300
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

23 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C0665752

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 1

2in = 4

3in = 8

HS= 2.866

VS= 1.807

GS= 3.213

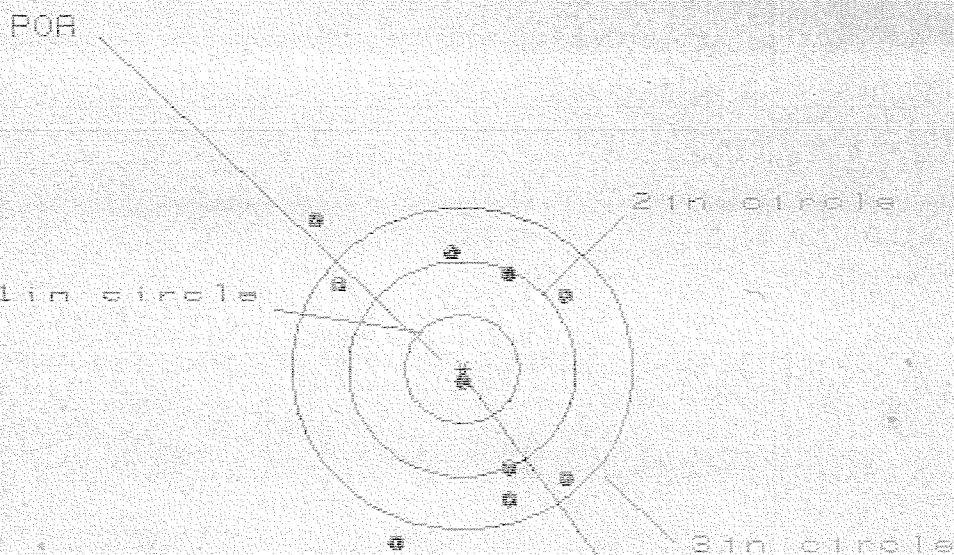
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.636	1.296	1.165
MINIMUM X	:	-1.230	-1.040	-1.153
MAXIMUM Y	:	1.012	.963	.899
MINIMUM Y	:	-.795	-.844	-.723
CENTROID X	:	.225	.043	.174
CENTROID Y	:	.025	.074	-.047
POA TO CENTROID in.	:	.226	.085	.180
MIN RADIUS	:	.271	.396	.358
MEAN RADIUS	:	1.095	1.026	.963
MAX RADIUS	:	1.694	1.546	1.371
HORIZONTAL SPREAD	:	2.866	2.344	2.318
VERTICAL SPREAD	:	1.807	1.807	1.622
EXTREME SPREAD	:	3.213	2.960	2.574
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

23 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08665752

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 1

2in = 3

3in = 8

HS= 2.146

VS= 2.968

GS= 3.153

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.898	.760	.671
MINIMUM X	-1.248	-1.181	-1.270
MAXIMUM Y	1.381	1.271	1.092
MINIMUM Y	-1.587	-1.434	-1.275
CENTROID X	-.007	.131	.220
CENTROID Y	.114	-.039	.140
POA TO CENTROID in.	.115	.137	.261
MIN RADIUS	.143	.113	.261
MEAN RADIUS	1.181	1.081	1.015
MAX RADIUS	1.861	1.601	1.468
HORIZONTAL SPREAD	2.146	1.941	1.941
VERTICAL SPREAD	2.968	2.705	2.367
EXTREME SPREAD	3.153	2.743	2.569
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	8		