

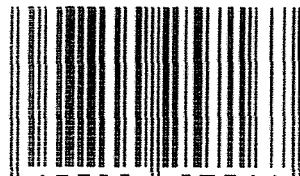
BARREL LENGTH

CAPACITY*

*INCLUDES 1 IN CHAMBER

C6649052

UPC



0 47700 25716 2

FORM

Snead®

MODEL 700 TM M24

ORDER NO.

5716

Remington



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

MODEL 700 TM M24

SERIAL NO.
C6649052

20

ORDER NO.
5716

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



5716 C6649052

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 # C6649052

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 26	9 1	RW
600	Proof	9 26	9 1	RW
607	Check Headspace	9 26	9 1	RW
610	Dis-assemble Gun	9 26	9 1	RW
612	Magnaflux Barrel Action	OCT	3 1991	KCD
	Magnaflux Bolt	OCT	3 1991	KCD
615	Rollmark Caliber	OCT	3 1991	ES
617	Drill and Tap Sight Holes	OCT	4 1991	EB
618	Polish Barrel	OCT	4 1991	WB
620	Apply Coatings (Barrel Action)		10-18-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/18/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/18/91	RW
	C) Inspect Ejector Hole for Chamfer		10/18/91	RW
	D) Oil Firing Pin Ass'y		10/18/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11-12-91	JM

op. #	OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	4	4	4	11-14-91	JH		
	G) Safety Off Force	3	3	3	11-14-91	JH		
	H) Trigger Pull Test & Retainability				11-12-91	JH		
	I) Firing Pin Indent	.020	.020	.0205	11-14-91	JH		
	J) Assemble Stock				11/14/91	RW		
	K) Assemble Swivel Studs				11-27-91	Ac		
	L) Attach Front and Rear Sight Assemblies				11/14/91	RW		
	M) Iron Sight Alignment				11/14/91	RW		
	N) Detach Front & Rear Sights & place in numbered container				11/14/91	RW		
	O) Attach Scope to Rifle				11/14/91	RW		
	P) Detach & Attach Scope 20 Times				11/14/91	RW		
640	Gallery Target & Test				11-15-91	DH		
	A) Time				11-15-91	DH		
	B) Malfunctions				11-15-91	DH		
	C) Pierced Primers				11-15-91	DH		
	D) Optical Clarity of Scope				11-15-91	DH		
645	Inspect for Live Ammo				11-15-91	DH		
655	Final Inspection							
	A) Headspace				11-27-91	Ac		
	B) Trigger Pull	2.74	2.81	2.66	2.62	2.70	11-15-91	DH
	C) Function						11-27-91	Ac
660	Pack						12-14-91	Ac

SWS TRIGGER PULL TEST

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

SERIAL NO. C-6649052

DATE 11-12-91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.59	2.59	2.50	274	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.61	2.57	2.48	281	
PULL #3	2.53	2.60	2.44	266	
PULL #4	2.45	2.58	2.59	262	
PULL #5	2.54	2.55	2.60	270	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.67	3.31		
PULL #2	3.61	3.25		
PULL #3	3.38	3.38		
PULL #4	3.32	3.26		
PULL #5	3.31	3.33		
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	4.58		4.45
PULL #2	4.26	4.25		4.26
PULL #3	4.20	4.28		4.37
PULL #4	4.59	4.29		4.40
PULL #5	4.66	4.26		4.42
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6649052
18 Nov 1991

CENTROIDAL DISTANCES

0 TO 1	.678018
1 TO 2	.492311
1 TO 3	.590506
1 TO 4	.79387
1 TO 5	.854567

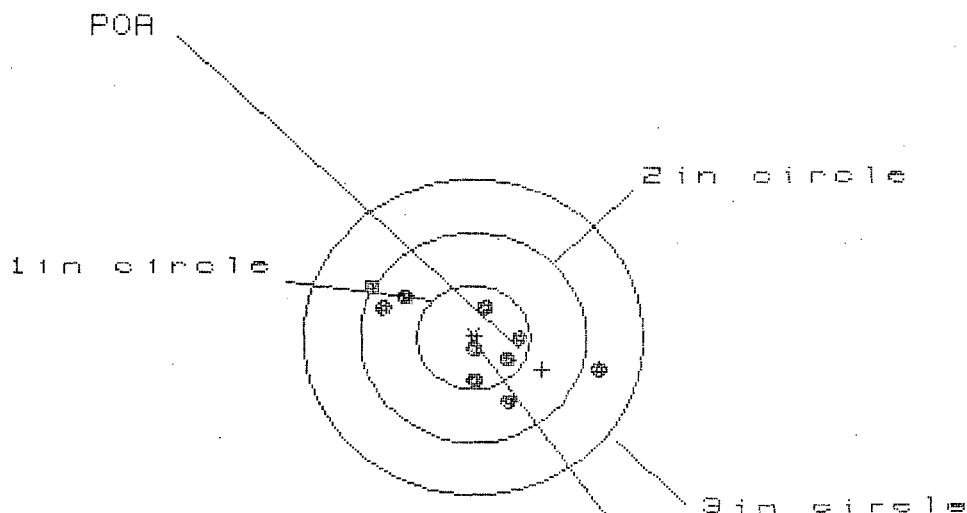
1 $\frac{85}{4}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0962
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2286
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .249017
THE AMR FOR THIS RIFLE IS: .796

18 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06649052

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 5

2 in = 8

3 in = 10

HS= 2.055

VS= 1.059

GS= 2.191

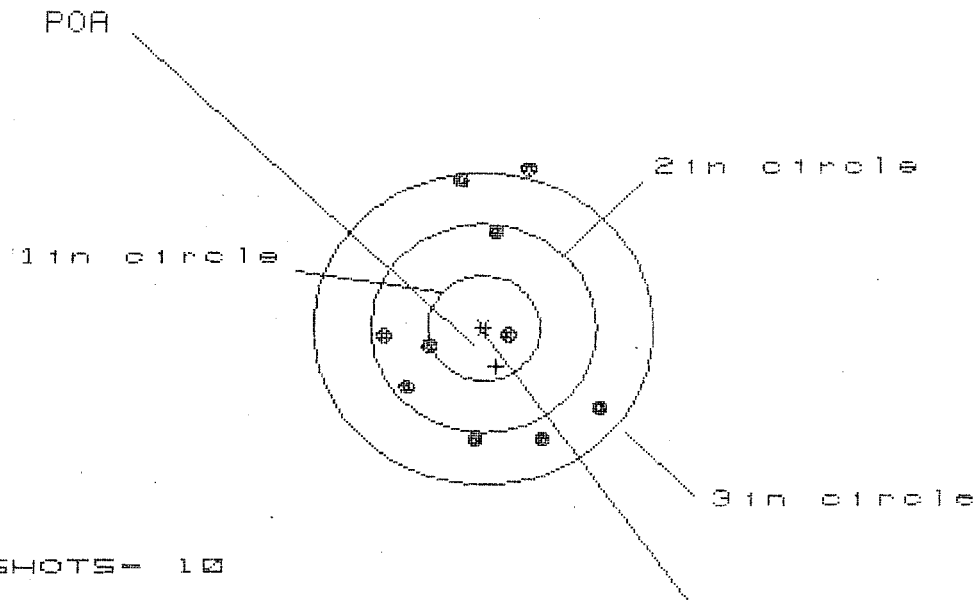
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.128	.565	.465
MINIMUM X	-.927	-.802	-.796
MAXIMUM Y	.494	.465	.456
MINIMUM Y	-.565	-.594	-.536
CENTROID X	-.603	-.728	-.628
CENTROID Y	.310	.339	.281
POA TO CENTROID in.	.677	.803	.688
MIN RADIUS	.108	.183	.082
MEAN RADIUS	.611	.566	.487
MAX RADIUS	1.158	.927	.858
HORIZONTAL SPREAD	2.055	1.367	1.261
VERTICAL SPREAD	1.059	1.059	.992
EXTREME SPREAD	2.191	1.625	1.414
NUMBER IN ONE INCH CIRCLE =	5		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		

18 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649052

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 9

HS= 1.970

VS= 2.642

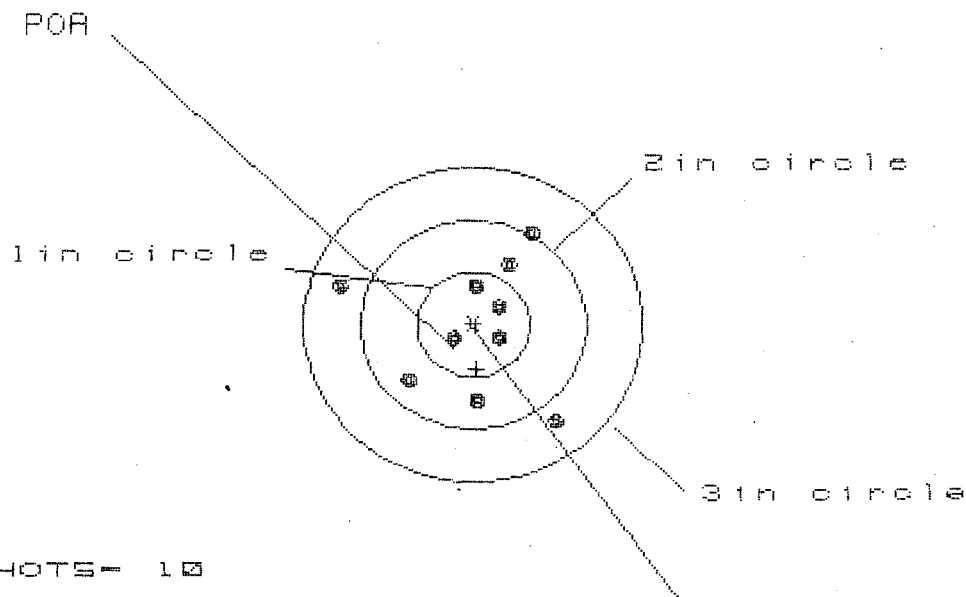
GS= 2.675

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.057	1.097	1.081
MINIMUM X	:	-.913	-.873	-.888
MAXIMUM Y	:	1.531	1.574	1.310
MINIMUM Y	:	-1.111	-.941	-.745
CENTROID X	:	-.114	-.154	-.139
CENTROID Y	:	.367	.197	.001
POA TO CENTROID in.	:	.385	.251	.139
MIN RADIUS	:	.227	.296	.413
MEAN RADIUS	:	1.013	.928	.832
MAX RADIUS	:	1.574	1.579	1.319
HORIZONTAL SPREAD	:	1.970	1.970	1.970
VERTICAL SPREAD	:	2.642	2.515	2.055
EXTREME SPREAD	:	2.675	2.579	2.087
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

18 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649052

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 4

2in = 8

3in = 10

HS= 1.894

VS= 1.821

GS= 2.331

CENTROID *

PATTERN #	:	3	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.735	.606	.458
MINIMUM X	:	-1.159	-.731	-.655
MAXIMUM Y	:	.857	.901	.786
MINIMUM Y	:	-.964	-.920	-.784
CENTROID X	:	-.024	.105	.029
CENTROID Y	:	.426	.382	.497
POA TO CENTROID in.	:	.426	.396	.498
MIN RADIUS	:	.208	.077	.192
MEAN RADIUS	:	.673	.598	.527
MAX RADIUS	:	1.225	1.102	.910
HORIZONTAL SPREAD	:	1.894	1.337	1.113
VERTICAL SPREAD	:	1.821	1.821	1.570
EXTREME SPREAD	:	2.331	1.835	1.757
NUMBER IN ONE INCH CIRCLE =	:	4		
NUMBER IN TWO INCH CIRCLE =	:	8		
NUMBER IN THREE INCH CIRCLE =	:	10		

18 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06649052

CENTERFIRE PATTERNS # 4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 3

2 in = 5

3 in = 8

HS = 1.523

VS = 3.471

GS = 3.474

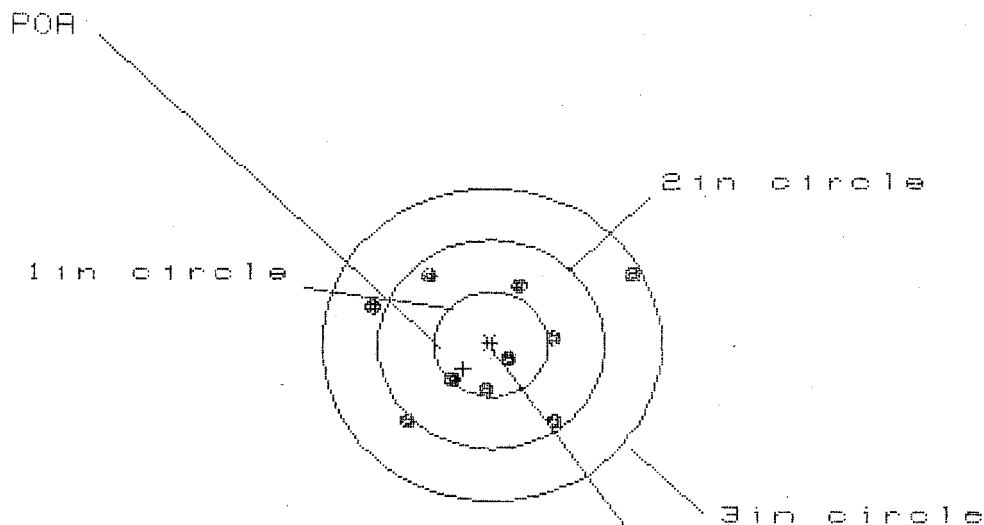
CENTROID *

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.693	.691	.706
MINIMUM X	-.830	-.832	-.817
MAXIMUM Y	1.816	1.423	1.241
MINIMUM Y	-1.655	-1.453	-1.190
CENTROID X	.012	.014	-.001
CENTROID Y	-.192	-.394	-.212
POA TO CENTROID in.	.192	.394	.212
MIN RADIUS	.152	.052	.133
MEAN RADIUS	.907	.803	.699
MAX RADIUS	1.816	1.458	1.243
HORIZONTAL SPREAD	1.523	1.523	1.523
VERTICAL SPREAD	3.471	2.876	2.431
EXTREME SPREAD	3.474	2.877	2.433
NUMBER IN ONE INCH CIRCLE	= 3		
NUMBER IN TWO INCH CIRCLE	= 6		
NUMBER IN THREE INCH CIRCLE	= 8		

18 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649052

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 10

HS= 2.200

VS= 1.466

GS= 2.500

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.269	.727	.617
MINIMUM X	:	-1.019	-.878	-.735
MAXIMUM Y	:	.716	.787	.839
MINIMUM Y	:	-.750	-.671	-.619
CENTROID X	:	.248	.107	.217
CENTROID Y	:	.232	.153	.101
POA TO CENTROID in.	:	.340	.187	.239
MIN RADIUS	:	.229	.334	.220
MEAN RADIUS	:	.776	.691	.634
MAX RADIUS	:	1.457	.972	1.003
HORIZONTAL SPREAD	:	2.288	1.605	1.352
VERTICAL SPREAD	:	1.466	1.458	1.458
EXTREME SPREAD	:	2.500	1.872	1.800
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	