

FILED

UPC



0 47700 25716 7

05665940

*INCLUDES 1 IN CHAMBER

CAPACITY*

BARREL LENGTH

BARBER - M24 0104280

MODEL 700 TM M24

ORDER NO.

5715

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0104280 M2400104319

Remington

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

MODEL 700™ M24**SERIAL NO.**

C6665940

ORDER NO.**5716**

20

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



5716 C6665940

ORDER 5716

MODEL 700™ M24

UPC

0 47700 25716 7

ORDER 5716

MODEL 700™ M24

UPC

0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665940

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/24/91	YH
600	Proof		9/24/91	YH
607	Check Headspace		9/24/91	YH
610	Dis-assemble Gun		9/24/91	YH
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	FB
618	Polish Barrel		OCT 2 1991	WB
620	Apply Coatings (Barrel Action)		11-2-91	YH
	Apply Coating (Bolt)			YH
625	Final Assembly A) Clean inside of Bolt Assembly		10/8/91	YH
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/8/91	YH
	C) Inspect Ejector Hole for Chamfer		10/8/91	YH
	D) Oil Firing Pin Ass'y		10/8/91	YH
	E) Adjust Trigger Pull to Min Setting and Stake		10/9/91	D/H

op. #	BARBER - M24 0104283	READINGS					DATE	INIT
	OP. NAME							
625 cont.	F) Safety On Force	5	5	6			10-9-91	K
	G) Safety Off Force	4	4	4			10-9-91	K
	H) Trigger Pull Test & Retainability						10-9-91	D/H
	I) Firing Pin Indent	.022	.022	.022			10-9-91	K
	J) Assemble Stock						10/15/91	K
	K) Assemble Swivel Studs						10-18-91	AE
	L) Attach Front and Rear Sight Assemblies						10/15/91	K
	M) Iron Sight Alignment						10/15/91	K
	N) Detach Front & Rear Sights & place in numbered container						10/15/91	K
	O) Attach Scope to Rifle						10/15/91	K
	P) Detach & Attach Scope 20 Times						10/15/91	K
640	Gallery Target & Test						10/16/91	CT
	A) Time							CT
	B) Malfunctions							CT
	C) Pierced Primers							CT
	D) Optical Clarity of Scope							CT
645	Inspect for Live Ammo						10/16/91	CT
655	Final Inspection							
	A) Headspace						10-18-91	K
	B) Trigger Pull	277	278	276	277	277	10-17-91	D/H
	C) Function						10-18-91	K
660	Pack						12-18-91	N

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6665940

DATE 10-9-91

TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.47	2.69	2.58	277	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.56	2.63	2.68	278	
PULL #3	2.73	2.55	2.64	276	
PULL #4	2.78	2.63	2.57	277	
PULL #5	2.61	2.64	2.70	277	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.25	3.24		
PULL #2	3.20	3.26		
PULL #3	3.22	3.14		
PULL #4	3.22	3.03		
PULL #5	3.18	3.18		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.21	4.05		4.41
PULL #2	3.98	4.08		4.40
PULL #3	4.04	4.11		4.45
PULL #4	4.11	3.97		4.45
PULL #5	4.05	4.09		4.42
TOTAL				
AVG.				

40-1
40-2
40-3
40-4

16 JHR.

40-5

40-6

1
24 JHR.

WEEK'S
VHC

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665940
16 Oct 1991

CENTROIDAL DISTANCES

0 TO	1	.181232
1 TO	2	.197203
1 TO	3	.405291
1 TO	4	.10373
1 TO	5	.248719

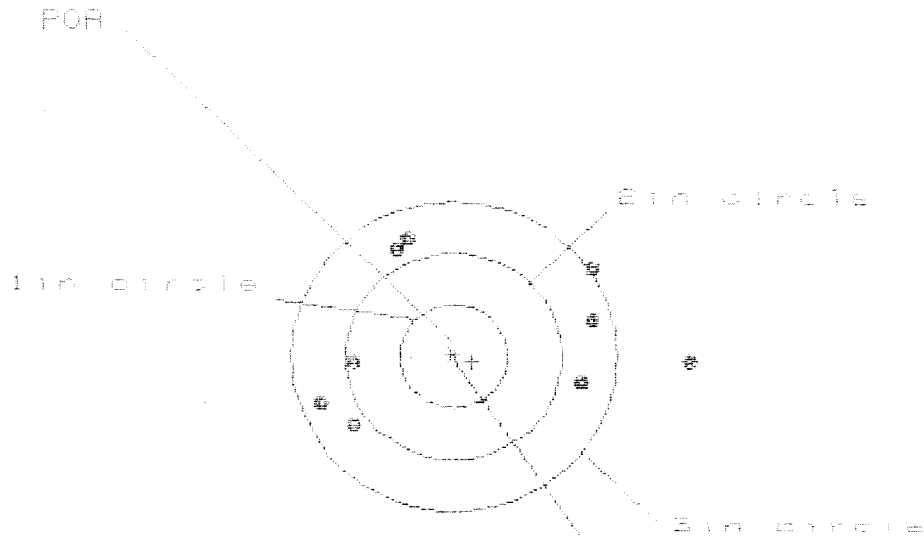
POI (----POI)

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0104
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0308
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0025097
THE AMR FOR THIS RIFLE IS: 1.096

15 Oct 1991

FILE:/PAT/TERMINING/CENTERFIRE_PATT/06665940

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 8

2 in = 1

3 in = 6

1st = 4.148

2nd = 2.958

3rd = 4.492

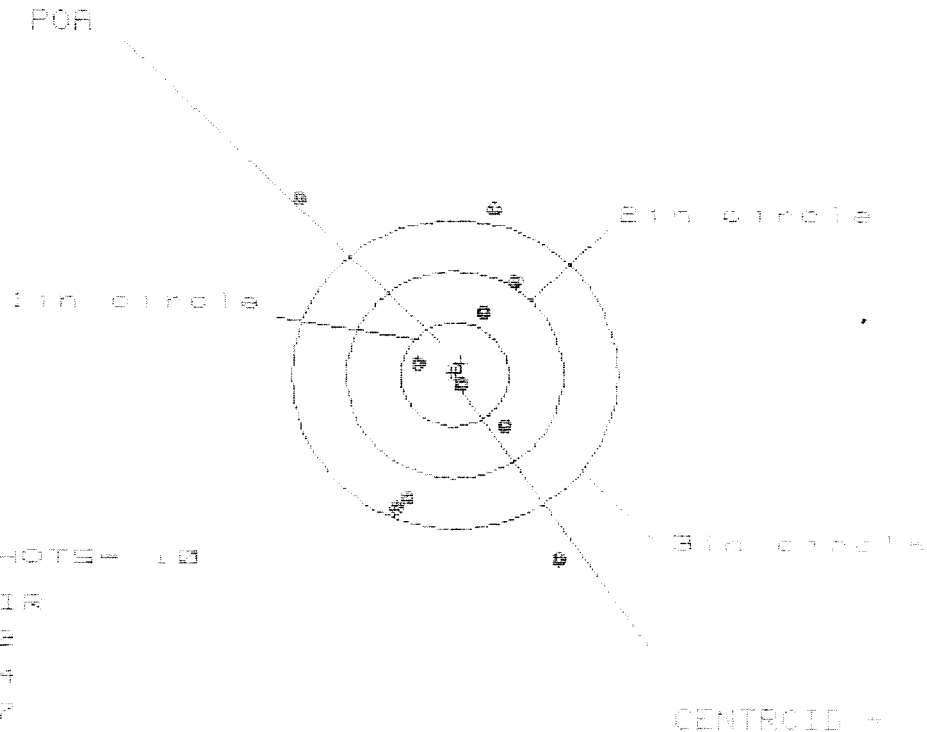
CENTROID #

PATTERN #	1	2	3
1st - BEST OF	10	9	8
1st INCH	2.182	1.963	1.295
2nd INCH	-1.966	-1.485	-1.168
3rd INCH	1.142	.941	.904
4th INCH	-1.816	-1.842	-1.879
5th INCH	-1.173	.846	-1.260
6th INCH	.954	.255	.292
7th INCH	.181	.259	.334
8th INCH	.926	1.057	.952
9th INCH	1.456	1.300	1.185
10th INCH	2.676	1.985	1.389
11th INCH	4.148	3.369	2.455
12th INCH	2.958	1.783	1.783
13th INCH	4.492	3.386	2.738
14th INCH	ONE INCH CIRCLE	=	8
15th INCH	TWO INCH CIRCLE	=	1
16th INCH	THREE INCH CIRCLE	=	8

18 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8855340

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 2

2in = 4

3in = 7

HS = 2.346

VS = 3.448

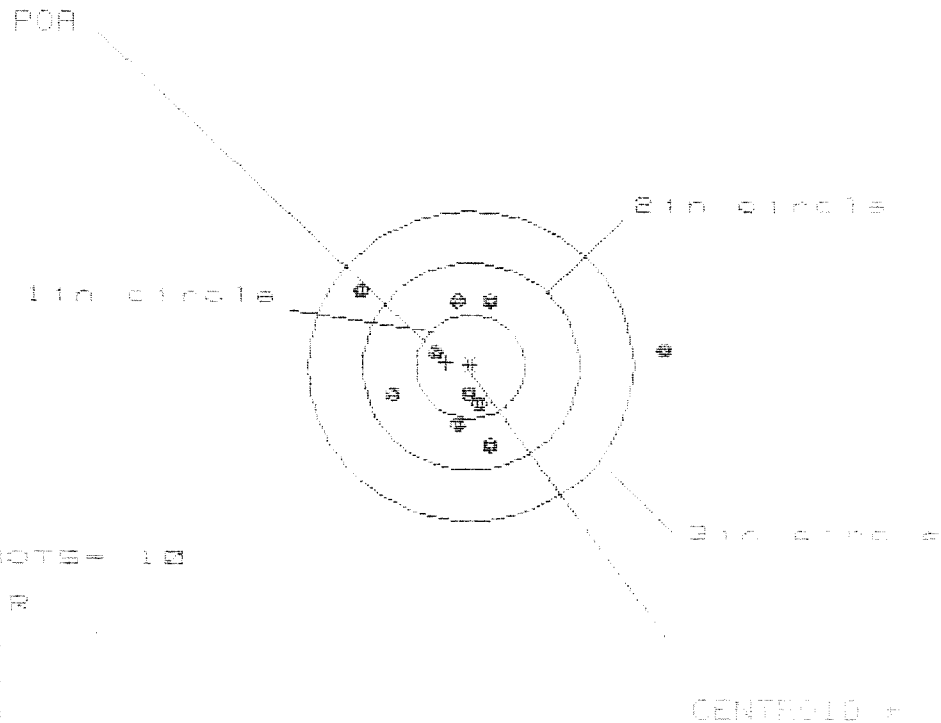
GS = 4.176

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MINIMUM X	1.928	1.771	1.477
MINIMUM Y	-1.418	-1.654	-1.558
MAXIMUM X	1.705	1.758	1.584
MAXIMUM Y	-1.743	-1.553	-1.301
CENTROID X	-0.065	0.092	-0.004
CENTROID Y	-0.111	-0.301	-0.107
ADJ TO CENTROID X	0.129	0.315	0.107
ADJ TO CENTROID Y	0.110	0.140	0.102
1in RADIUS	1.134	1.009	0.891
2in RADIUS	2.218	1.770	1.553
3in RADIUS	2.346	1.425	1.035
1in SPREAD	3.448	3.311	2.865
2in SPREAD	4.176	3.359	2.992
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		7	

16 Oct 1981

FILE:/PATTERNING/CENTERFIRE_PATT/06065940

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 9

2in = 8

3in = 9

MEAN = 0.810

SD = 1.483

GSD = 2.965

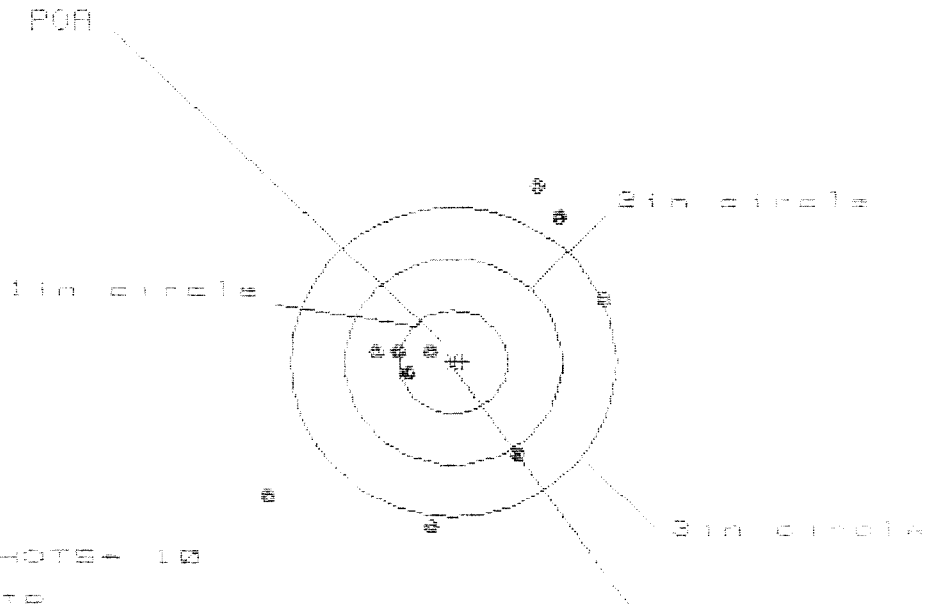
PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.890	.423	.322
MINIMUM X	-1.012	-.813	-.617
MAXIMUM Y	.737	.747	.791
MINIMUM Y	-.746	-.736	-.643
CENTROID X	.221	.021	.122
CENTROID Y	-.341	-.051	-.144
POA TO CENTROID in.	.224	.055	.189
1IN RADIUS	.280	.202	.200
MEAN RADIUS	.757	.615	.533
4IN RADIUS	1.802	1.104	.839
HORIZONTAL SPREAD	2.812	1.236	.939
VERTICAL SPREAD	1.483	1.483	1.434
EXTREME SPREAD	2.965	1.931	1.435
SHOTS IN ONE INCH CIRCLE =		3	
SHOTS IN TWO INCH CIRCLE =		8	
SHOTS IN THREE INCH CIRCLE =		9	

18 Oct 1981

FILE:/PATTERNING/CENTERFIRE_PATT/08885940

CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 4

3 in = 5

HS= 3.147

VS= 3.345

GS= 3.931

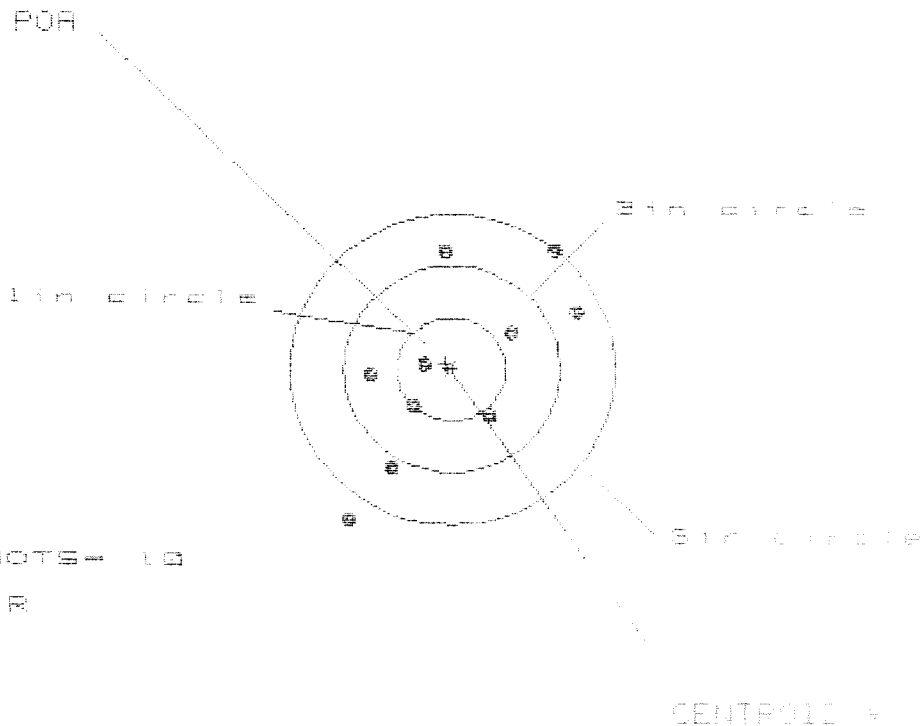
CENTROID #

PATTERN #	1	4	0
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.410	1.218	1.295
MINIMUM X	-1.737	-1.897	-1.928
MAXIMUM Y	1.706	1.563	1.452
MINIMUM Y	-1.639	-1.782	-1.587
CENTROID X	-1.087	.105	.028
CENTROID Y	-1.004	.139	-1.856
POA TO CENTROID (in)	.088	.175	.063
MIN RADIUS	.266	.435	.392
MEAN RADIUS	1.193	1.123	1.014
MAX RADIUS	2.162	1.826	1.711
HORIZONTAL SPREAD	3.147	2.115	2.115
VERTICAL SPREAD	3.345	3.345	3.839
EXTREME SPREAD	3.931	3.496	3.277
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		5	

16 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08865340

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS = 2.132

VS = 2.598

GS = 3.827

PATTERN #	1	5	9
SHOTS (BEST OF)	10	9	9
MAXIMUM X	1.141	1.031	1.133
MINIMUM X	-0.991	-0.840	-0.738
MAXIMUM Y	1.179	1.022	1.086
MINIMUM Y	-1.419	-1.103	-0.976
CENTROID X	0.052	0.182	0.060
CENTROID Y	-0.052	0.105	-0.002
FOR TO CENTROID IN	0.074	0.193	0.034
MIN RADIUS	0.257	0.402	0.236
MEAN RADIUS	0.948	0.867	0.784
MAX RADIUS	1.731	1.306	1.255
HORIZONTAL SPREAD	2.132	1.871	1.871
VERTICAL SPREAD	2.598	2.125	2.062
EXTREME SPREAD	3.227	2.662	2.807
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		9	