

06348901

MODEL 760™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington.

Remington®



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

MODEL 700™ M24

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

01

SERIAL NO.

C6348301

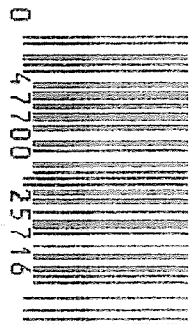
ORDER NO.

5715



5716 C6348301

UPC



0 47700 25716 7

PC-20
Replaced

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6348901

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 26	89	RW
600	Proof	9 26	89	RW
607	Check Headspace	9 26	89	RW
610	Dis-assemble Gun	9 26	89	RW
612	Magnaflux Barrel Action	9/29/89		KCR
	Magnaflux Bolt	9/29/89		KCR
615	Rollmark Caliber	9/29/89		LS
7	Drill and Tap Sight Holes	9 29	89	LB
618	Polish Barrel RB	9 29	89	BT
620	Apply Coatings (Barrel Action)		10-11-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/12/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/12/89	RW
	C) Inspect Ejector Hole for Chamfer		10/12/89	RW
	D) Oil Firing Pin Ass'y		10/12/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		246/89	LS

op. #	OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	5	5	5	10/24/89	JH		
	G) Safety Off Force	3	3	3	10/24/89	JH		
	H) Trigger Pull Test & Retainability				2/6/89	JH		
	I) Firing Pin Indent	.021	.0205	.021	10/24/89	JH		
	J) Assemble Stock				10/25/89	RW		
	K) Assemble Swivel Studs				2/6/89	JH		
	L) Attach Front and Rear Sight Assemblies				12/11/89	RW		
	M) Iron Sight Alignment				12/11/89	RW		
	N) Detach Front & Rear Sights & place in numbered container				12/11/89	RW		
	O) Attach Scope to Rifle				10/25/89	JH		
	P) Detach & Attach Scope 20 Times				10/24/89	JH		
640	Gallery Target & Test			2-27-90	10-26-89	DH		
	A) Time			2-27-90	10-26-89	DH		
	B) Malfunctions			2-27-90	10-26-89	DH		
	C) Pierced Primers			2-27-90	10-26-89	DH		
	D) Optical Clarity of Scope			2-27-90	10-26-89	DH		
645	Inspect for Live Ammo			2-27-90	10-26-89	DH		
655	Final Inspection							
	A) Headspace	2.38	2.23	2.33	2.27	2.47	2/6/89	JH
	B) Trigger Pull	2.19	2.12	2.07	2.29	2.29	3/6/89	JH
	C) Function						2/6/89	JH
660	Pack						20 Mar 90	JH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C6348901

DATE 24 Oct 89

TESTER ggs

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	236	255	245	219	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	218	239	248	212	
PULL #3	215	221	235	207	
PULL #4	232	237	244	229	
PULL #5	232	220	272	229	
TOTAL	1134	1174	1244	1096	
AVG.	2.268	2.348	2.488	2.192	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	315	336		
PULL #2	353	323		
PULL #3	345	345		
PULL #4	315	316		
PULL #5	348	317		
TOTAL	1676	1637		
AVG.	3.352	3.274		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	436	448		383
PULL #2	416	443		396
PULL #3	419	435		389
PULL #4	424	452		415
PULL #5	423	446		419
TOTAL	2138	2224		2003
AVG.	4.276	4.448		4.006

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06348901
27 Feb 1990

CENTROIDAL DISTANCES

0 TO	1	.458861
1 TO	2	.831506
1 TO	3	.434015
1 TO	4	.83865
1 TO	5	.870063

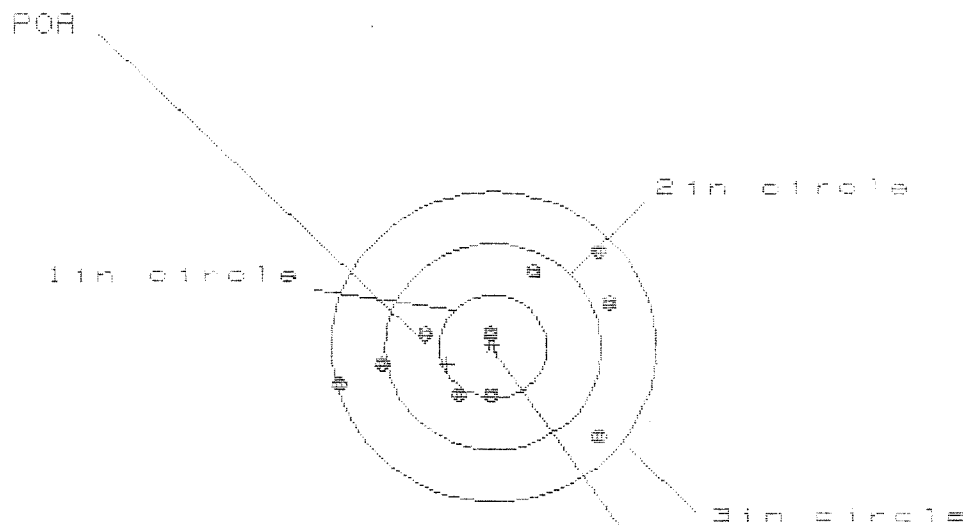
$\frac{4}{5}$ 1 (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.136
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0638
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .146255
THE POI FOR THIS RIFLE IS: .924

27 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06346981

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 10

HS= 2.514

VS= 1.856

GB= 2.733

CENTROID *

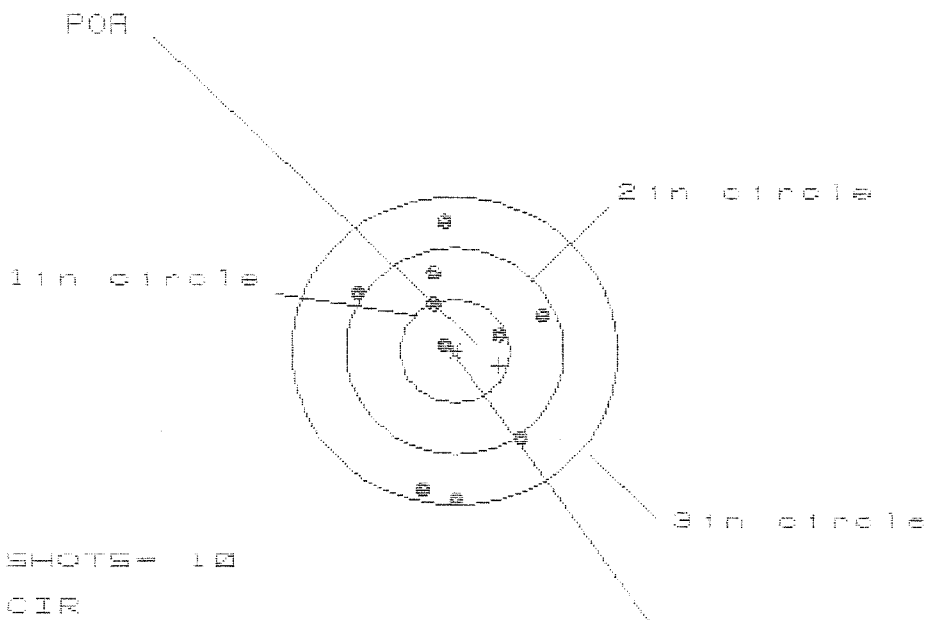
PATTERN #	1	2	3
# OF SHOTS	10	9	8
Horizontal X	1.085	.926	1.030
Vertical Y	-1.429	-1.136	-1.032
Horizontal Z	.944	.906	.771
Vertical Z	-.912	-.950	-.836
Horizontal W	.427	.586	.482
Vertical W	.168	.206	.092
Horizontal U	.459	.621	.491
Vertical U	.105	.221	.199
Horizontal V	.885	.836	.759
Vertical V	1.468	1.241	1.230
Horizontal SPREAD	2.514	2.062	2.062
Vertical SPREAD	1.856	1.856	1.607
EXTREME SPREAD	2.733	2.239	2.134

NUMBER IN ONE INCH CIRCLE = 2
 NUMBER IN TWO INCH CIRCLE = 6
 NUMBER IN THREE INCH CIRCLE = 10

27 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06340301

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 2

2in = 5

3in = 10

HS = 1.646

VS = 2.679

GS = 2.682

PATTERN #

:

2

SHOTS (BEST OF)

:

10

9

8

MAXIMUM X

:

.783

.783

.747

MINIMUM X

:

-.863

-.863

-.899

MAXIMUM Y

:

1.241

1.082

.895

MINIMUM Y

:

-1.438

-1.493

-1.144

CENTROID X

:

-.404

-.404

-.368

CENTROID Y

:

.139

.298

.485

POA TO CENTROID in.:

.427

.502

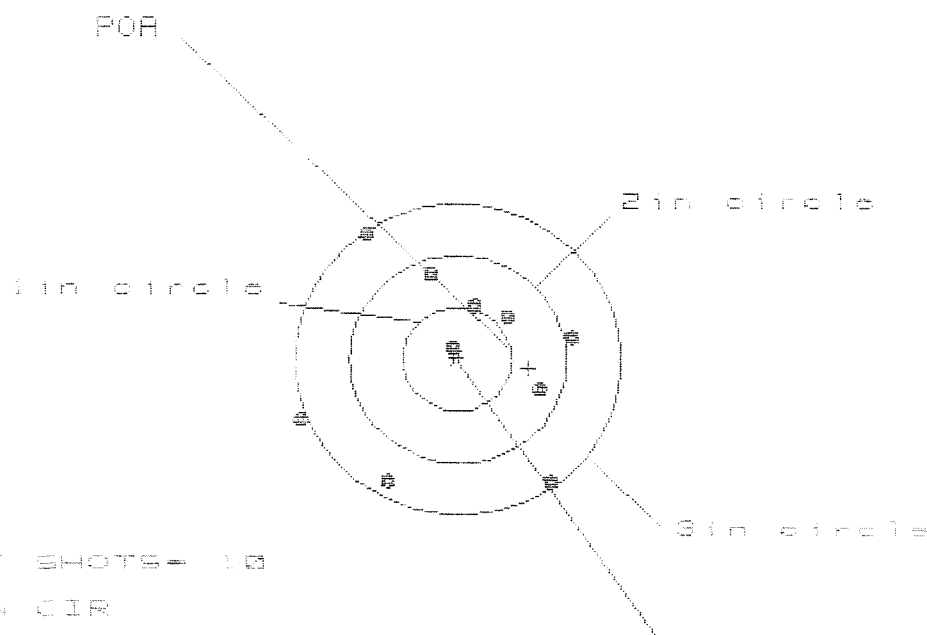
.609

MEAN RADIUS	:	.875	.777	.662
MAX RADIUS	:	1.438	1.520	1.277
HORIZONTAL SPREAD	:	1.646	1.646	1.646
VERTICAL SPREAD	:	2.679	2.575	2.039
EXTREME SPREAD	:	2.682	2.580	2.166
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

27 Feb 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08348301

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 5

3 in = 3

CENTROID *

MEAN = 0.474

SD = 0.631

ST = 0.846

PAT #

3

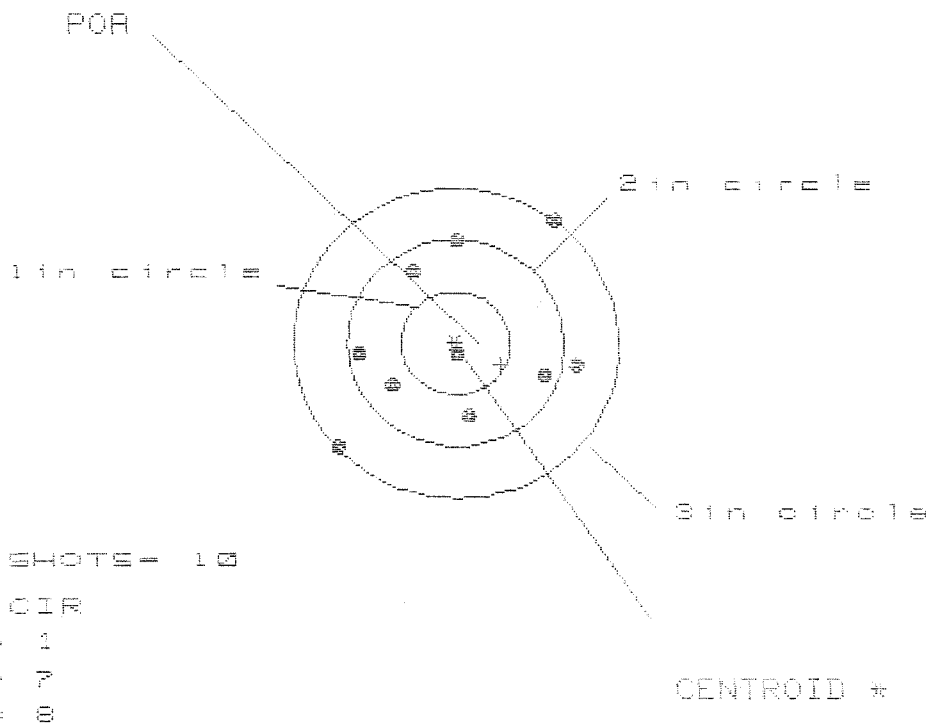
MEAN	:	10	9	8
MINIMUM	:	1.004	.841	.713
MAXIMUM	:	-1.470	-1.025	-.929
MINIMUM	:	1.250	1.187	.986
MAXIMUM	:	-1.181	-1.244	-1.096

CENTROID X	:	.002	.143	.001
CENTROID Y	:	.080	.143	-.005
PORTO CENTROID in.	:	.657	.509	.361
MIN RADIUS	:	.104	.218	.387
MEAN RADIUS	:	.984	.890	.815
MAX RADIUS	:	1.575	1.568	1.437
HORIZONTAL SPREAD	:	2.474	1.866	1.642
VERTICAL SPREAD	:	2.431	2.431	1.982
EXTREME SPREAD	:	2.946	2.946	2.236
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

27 Feb 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08348901

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1in = 1

2in = 7

3in = 8

HS = 2.145

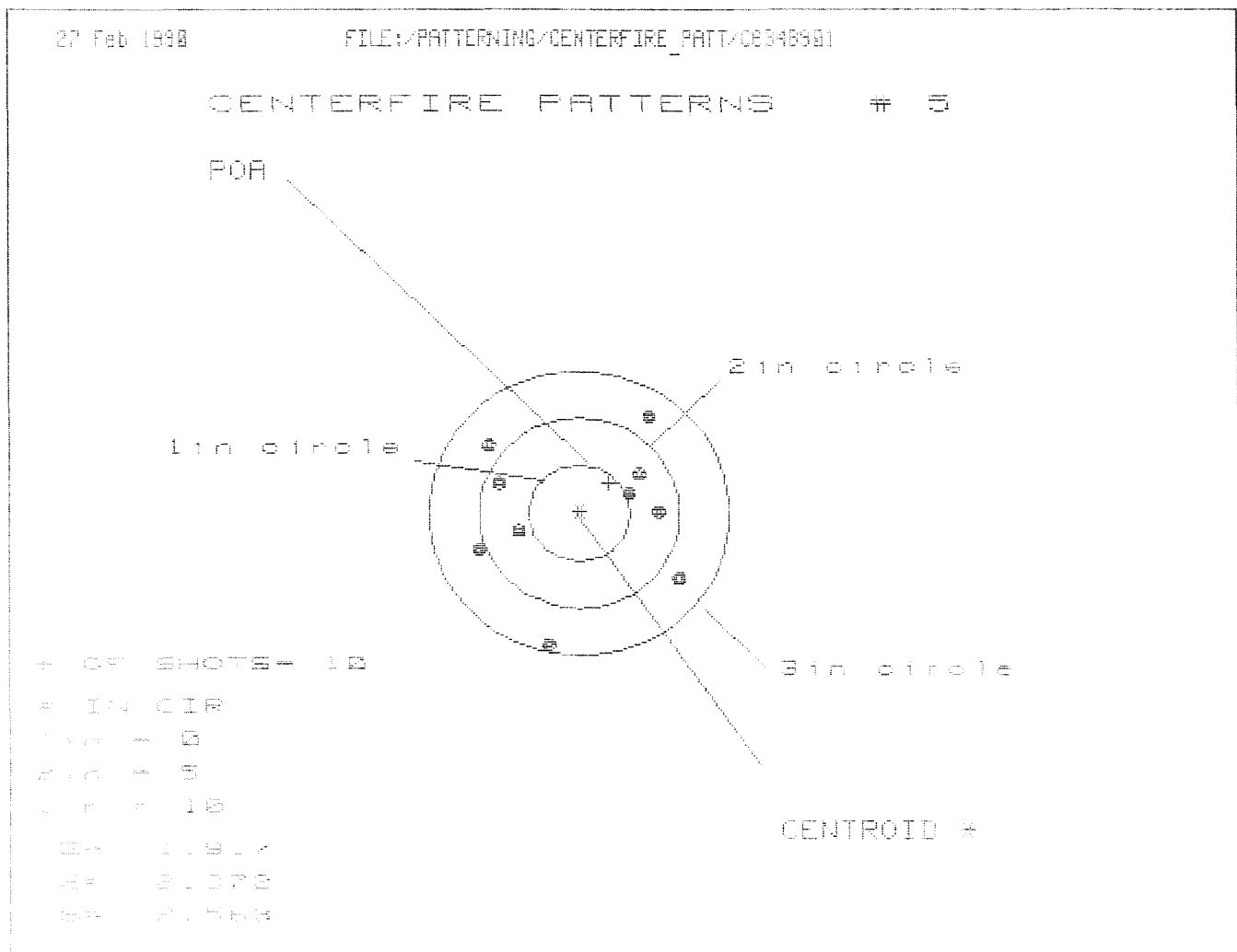
VS = 2.284

GS = 3.000

PATTERN # : 4

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.065	1.162	1.039
MINIMUM X	:	1.039	1.065	1.162

MAXIMUM Y	:	1.235	1.119	1.005
MINIMUM Y	:	-1.049	-.912	-.705
CENTROID X	:	-.411	-.508	-.385
CENTROID Y	:	.201	.064	.178
POA TO CENTROID in.	:	.458	.512	.424
MIN RADIUS	:	.140	.076	.124
MEAN RADIUS	:	.911	.820	.759
MAX RADIUS	:	1.510	1.342	1.059
HORIZONTAL SPREAD	:	2.146	2.146	1.926
VERTICAL SPREAD	:	2.284	2.031	1.710
EXTREME SPREAD	:	3.003	2.322	1.931
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	



PATTERN #

5

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.953	.925	1.010
MINIMUM X	:	-.964	-.992	-.907
MAXIMUM Y	:	.990	.836	.705
MINIMUM Y	:	-1.383	-.837	-.733
CENTROID X	:	-.294	-.266	-.351
CENTROID Y	:	-.319	-.165	-.269
POA TO CENTROID in.	:	.434	.313	.443
MIN RADIUS	:	.512	.452	.552
MEAN RADIUS	:	.965	.900	.876
MAX RADIUS	:	1.406	1.247	1.248
HORIZONTAL SPREAD	:	1.917	1.917	1.917
VERTICAL SPREAD	:	2.372	1.673	1.438
EXTREME SPREAD	:	2.563	2.381	2.381
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	