

C6636082

MODEL 760™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Remington
MODEL 700™ M24

DU PONT
 REG. U.S. PAT. & TM. OFF.

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

SERIAL NO.
 C6636082

ORDER NO.
5716

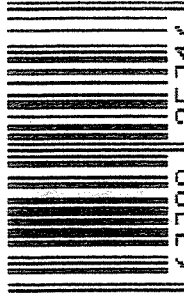
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MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.



5716 C6636082

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6636082

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	4 8 91		Rw
600	Proof	4 8 91		Rw
607	Check Headspace	4 8 91		Rw
610	Dis-assemble Gun	4 8 91		Rw
612	Magnaflux Barrel Action		APR 9 1991	KR
	Magnaflux Bolt		APR 9 1991	11
615	Rollmark Caliber		APR 9 1991	JS
617	Drill and Tap Sight Holes		APR 9 1991	LB
618	Polish Barrel		APR 9 1991	WB
620	Apply Coatings (Barrel Action)		5-10-91	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/14/91	Rw
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/14/91	Rw
	C) Inspect Ejector Hole for Chamfer		5/14/91	Rw
	D) Oil Firing Pin Ass'y		5/14/91	Rw
	E) Adjust Trigger Pull to Min Setting and Stake		6-4-91	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			6-4-91	DH
	G) Safety Off Force	3	3	3			6-4-91	DH
	H) Trigger Pull Test & Retainability						6-4-91	JH
	I) Firing Pin Indent	.020	.020	.020			6-4-91	DH
	J) Assemble Stock						6/5/91	Rev
	K) Assemble Swivel Studs						6-8-91	DH
	L) Attach Front and Rear Sight Assemblies						6/5/91	Rev
	M) Iron Sight Alignment						6/5/91	Rev
	N) Detach Front & Rear Sights & place in numbered container						6/5/91	Rev
	O) Attach Scope to Rifle						6/5/91	Rev
	P) Detach & Attach Scope 20 Times						6/5/91	Rev
640	Gallery Target & Test						6-5-91	AF
	A) Time							AF
	B) Malfunctions							AF
	C) Pierced Primers							AF
	D) Optical Clarity of Scope							AF
645	Inspect for Live Ammo						6-5-91	AF
655	Final Inspection							
	A) Headspace						6-8-91	DH
	B) Trigger Pull	2.36	2.38	2.59	2.65	2.69	6-8-91	JH
	C) Function						6-8-91	DH
660	Pack						6-20-91	AF

SWS TRIGGER PULL TEST

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

SERIAL NO 16636082
DATE 6-4-91
TESTER JM.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.59	2.56	2.53	2.36	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.51	2.43	2.48	2.38	
PULL #3	2.57	2.29	2.48	2.59	
PULL #4	2.54	2.39	2.51	2.45	
PULL #5	2.55	2.60	2.53	2.69	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.48	3.40		
PULL #2	3.53	3.40		
PULL #3	3.30	3.35		
PULL #4	3.55	3.45		
PULL #5	3.44	3.39		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.56	4.48		4.44
PULL #2	4.64	4.47		4.40
PULL #3	4.56	4.34		4.40
PULL #4	4.56	4.31		4.38
PULL #5	4.56	4.36		4.47
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6636082
5 Jun 1991

CENTROIDAL DISTANCES

0 TO 1 .243181
1 TO 2 .257402
1 TO 3 .496082
1 TO 4 .406433
1 TO 5 .460353

4 <---POA

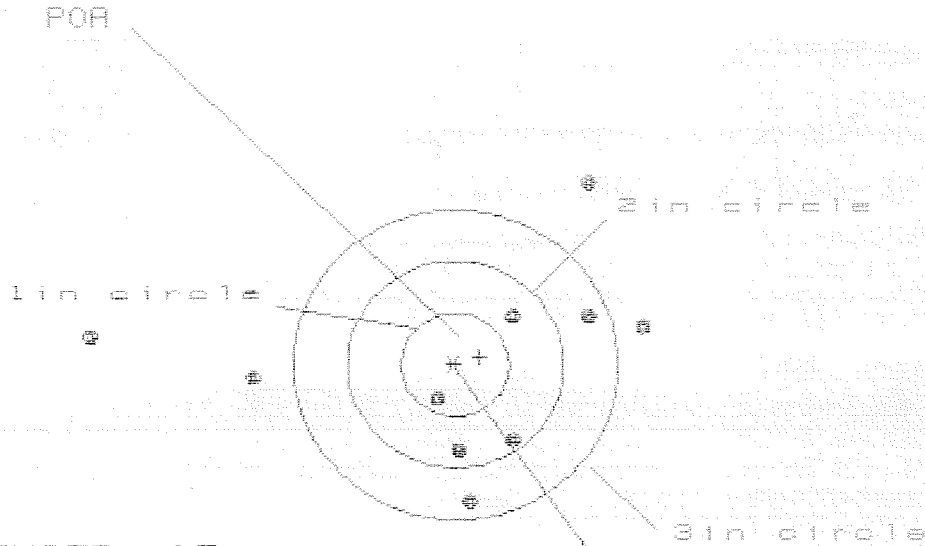
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0268
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .079
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0834221

THE AMR FOR THIS RIFLE IS: 1.077

5 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C66360B2

CENTERFIRE PATTERNS # 1



OF SHOTS= 10
IN CIR
1in = 1
2in = 4
3in = 6
HS= 5.000
VS= 3.039
GS= 5.069

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.749	1.380	1.491
MINIMUM X	:	-3.319	-2.255	-2.144
MAXIMUM Y	:	1.745	1.777	.728
MINIMUM Y	:	-1.294	-1.262	-1.040
CENTROID X	:	-.231	.138	.027
CENTROID Y	:	-.076	-.108	-.330
POA TO CENTROID in.	:	.243	.175	.331
MIN RADIUS	:	.389	.513	.468
MEAN RADIUS	:	1.459	1.191	1.053
MAX RADIUS	:	3.331	2.258	2.148
HORIZONTAL SPREAD	:	5.068	3.635	3.635
VERTICAL SPREAD	:	3.039	3.039	1.768
EXTREME SPREAD	:	5.069	3.670	3.670
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			4	
NUMBER IN THREE INCH CIRCLE =			6	

5 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C66360B2

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 0

2 in = 5

3 in = 7

HS= 1.235

VS= 4.249

GS= 4.329

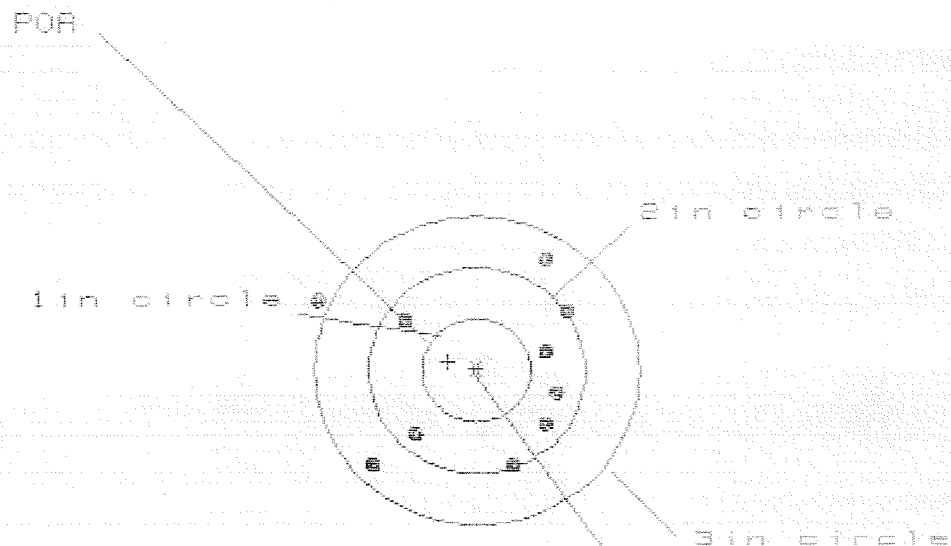
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	9
MAXIMUM X	:	.692	.738	.692
MINIMUM X	:	-.543	-.497	-.543
MAXIMUM Y	:	1.973	1.720	1.410
MINIMUM Y	:	-2.276	-1.842	-1.627
CENTROID X	:	-.015	-.061	-.015
CENTROID Y	:	.064	.317	.102
POA TO CENTROID in.	:	.066	.323	.103
MIN RADIUS	:	.631	.503	.618
MEAN RADIUS	:	1.213	1.069	.976
MAX RADIUS	:	2.314	1.857	1.638
HORIZONTAL SPREAD	:	1.235	1.235	1.235
VERTICAL SPREAD	:	4.249	3.562	3.037
EXTREME SPREAD	:	4.329	3.612	3.044
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

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FILE:/PATTERNING/CENTERFIRE_PATT/06836082

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 0

2in = 7

3in = 9

HS= 2.296

VS= 1.979

GS= 2.520

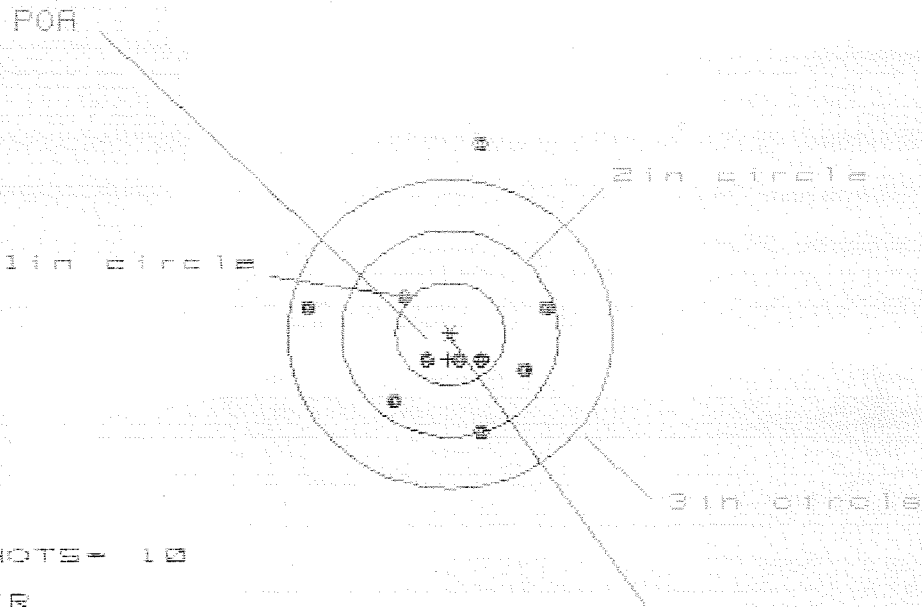
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.794	.627	.484
MINIMUM X	:	-1.502	-1.141	-.966
MAXIMUM Y	:	1.075	1.156	1.057
MINIMUM Y	:	-.904	-.823	-.922
CENTROID X	:	.265	.432	.575
CENTROID Y	:	-.085	-.166	-.067
POR TO CENTROID IN.	:	.278	.463	.578
MIN RADIUS	:	.700	.548	.406
MEAN RADIUS	:	1.003	.890	.796
MAX RADIUS	:	1.670	1.387	1.105
HORIZONTAL SPREAD	:	2.296	1.768	1.450
VERTICAL SPREAD	:	1.979	1.979	1.979
EXTREME SPREAD	:	2.520	2.520	2.070
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 7

3 in = 9

HS= 2.287

VS= 2.835

GS= 2.835

CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.922	.950	.783
MINIMUM X	:	-1.365	-1.337	-.628
MAXIMUM Y	:	1.873	.530	.584
MINIMUM Y	:	-.962	-.754	-.700
CENTROID X	:	.017	-.011	.156
CENTROID Y	:	.246	.038	-.016
POA TO CENTROID in.	:	.247	.040	.157
MIN RADIUS	:	.271	.108	.074
MEAN RADIUS	:	.831	.655	.540
MAX RADIUS	:	1.890	1.406	.963
HORIZONTAL SPREAD	:	2.287	2.287	1.411
VERTICAL SPREAD	:	2.835	1.284	1.284
EXTREME SPREAD	:	2.835	2.280	1.712
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

5 Jun 1991

FILE:/PATTERNING/CENTERFIRE_PATT/CGG360B2

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS - 10

IN CIR

1in = 3

2in = 8

3in = 8

HS= 2.230

VS= 2.896

GS= 3.655

PATTERN # : 5

SHOTS (BEST OF)	10	9	8
MAXIMUM X	.965	1.010	.866
MINIMUM X	-1.265	-1.158	-.821
MAXIMUM Y	1.692	.654	.527
MINIMUM Y	-1.204	-1.016	-.756
CENTROID X	.098	-.009	.135
CENTROID Y	.246	.058	.185
POA TO CENTROID in.	.264	.058	.229
MIN RADIUS	.202	.278	.138
MEAN RADIUS	.888	.772	.630
MAX RADIUS	1.948	1.540	.913
HORIZONTAL SPREAD	2.230	2.168	1.687
VERTICAL SPREAD	2.896	1.670	1.283
EXTREME SPREAD	3.655	2.517	1.792
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	8		