

C6649276

MODEL 760TH M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

*Call
Remington*

Remington® **DUPONT** REG. U.S. PAT. & TM. OFF.

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

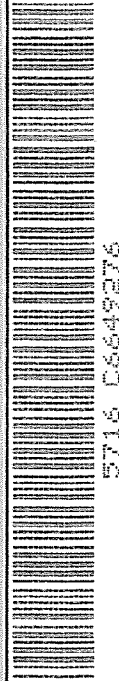
MODEL 700™ M24

SERIAL NO. C6649276

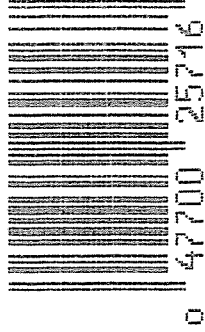
ORDER NO. 5716

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

20



UPC



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649276

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	6 27 9 1		RW
600	Proof	6 27 9 1		RW
607	Check Headspace	6 27 9 1		RW
610	Dis-assemble Gun	6 27 9 1		RW
612	Magnaflux Barrel Action	JUL 2 1991		KR
	Magnaflux Bolt	JUL 2 1991		KR
615	Rollmark Caliber	JUL 2 1991		GS
617	Drill and Tap Sight Holes	JUL 2 1991		LB
618	Polish Barrel	JUL 17 1991		WB
620	Apply Coatings (Barrel Action)		7-22-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		7/24/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/24/91	RW
	C) Inspect Ejector Hole for Chamfer		7/24/91	RW
	D) Oil Firing Pin Ass'y		7/24/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8-12-91	JH

BARBER - M24 0067225

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			8-12-91	SW
	G) Safety Off Force	3	3	3			8-12-91	SW
	H) Trigger Pull Test & Retainability						8-12-91	SW
	I) Firing Pin Indent	.022	.022	.022			8-12-91	SW
	J) Assemble Stock						8-13-91	RW
	K) Assemble Swivel Studs						8-14-91	DH
	L) Attach Front and Rear Sight Assemblies						8-13-91	RW
	M) Iron Sight Alignment						8-13-91	RW
	N) Detach Front & Rear Sights & place in numbered container						8-13-91	RW
	O) Attach Scope to Rifle						8-13-91	RW
	P) Detach & Attach Scope 20 Times						8-13-91	RW
640	Gallery Target & Test						8-13-91	D/H
	A) Time						8-13-91	D/H
	B) Malfunctions						8-13-91	D/H
	C) Pierced Primers						8-13-91	D/H
	D) Optical Clarity of Scope						8-13-91	D/H
645	Inspect for Live Ammo						8-13-91	D/H
655	Final Inspection							
	A) Headspace						8-14-91	D/H
	B) Trigger Pull	2.18	2.23	2.29	2.28	2.35	8-14-91	SW
	C) Function						8-14-91	DH
660	Pack						9-16-91	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6649276

DATE 8-12-91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.44	2.57	2.54	2.18	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.48	2.58	2.58	2.23	
PULL #3	2.29	2.57	2.60	2.29	
PULL #4	2.55	2.59	2.51	2.28	
PULL #5	2.54	2.61	2.58	2.35	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.34	3.31		
PULL #2	3.31	3.19		
PULL #3	3.27	3.25		
PULL #4	3.28	3.24		
PULL #5	3.26	3.24		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.25	4.33		4.29
PULL #2	4.21	4.31		4.20
PULL #3	4.37	4.26		4.39
PULL #4	4.38	4.34		4.43
PULL #5	4.39	4.38		4.40
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6649276
22 Aug 1991

CENTROIDAL DISTANCES

0 TO	1	.390698
1 TO	2	.0728354
1 TO	3	.46949
1 TO	4	.0181108
1 TO	5	.681234

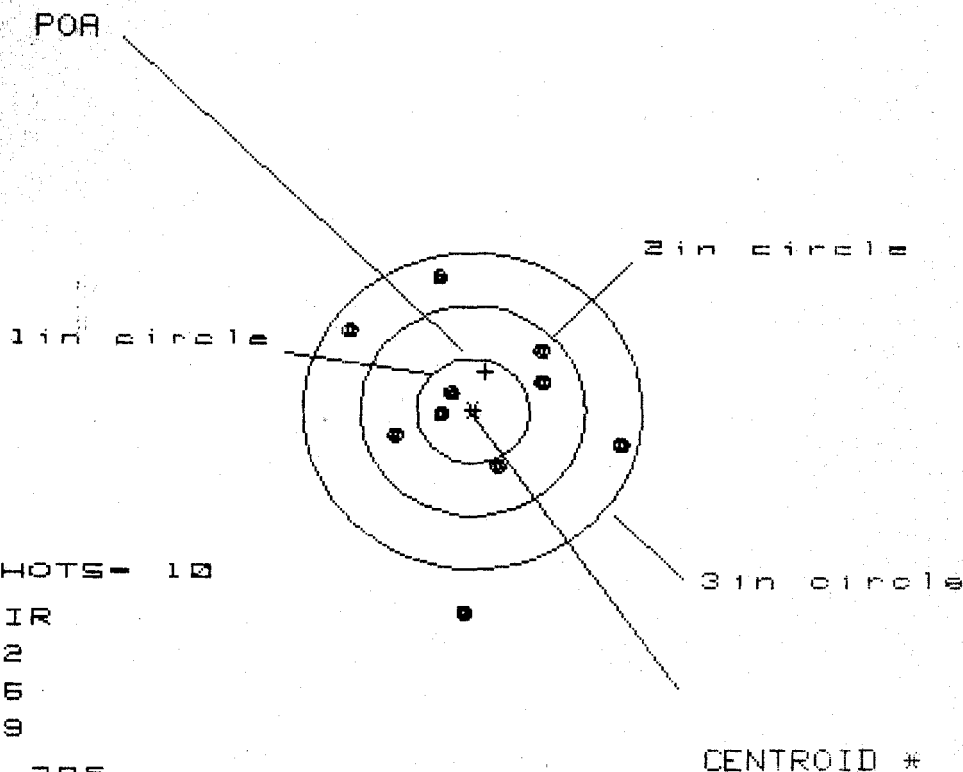
3 + 5 <----FOR
3

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.059
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.259
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .26466
THE AMR FOR THIS RIFLE IS: .904

22 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649276

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 2.385

VS= 3.157

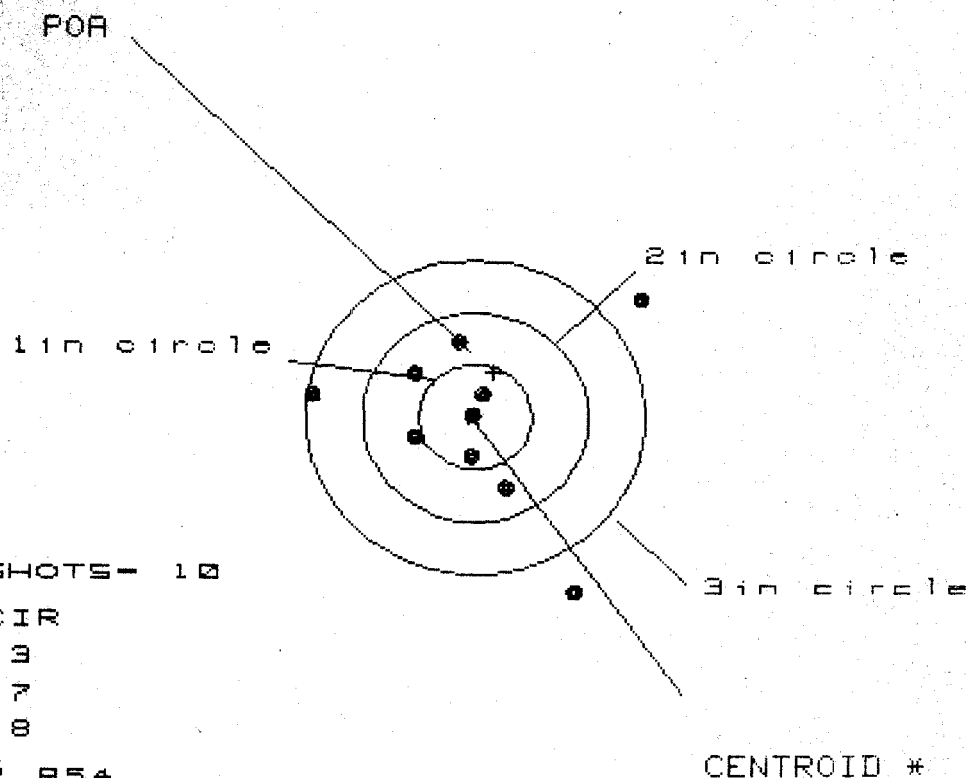
GS= 3.163

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.305	1.291	.766
MINIMUM X	:	-1.080	-1.094	-.933
MAXIMUM Y	:	1.254	1.043	.973
MINIMUM Y	:	-1.903	-.746	-.817
CENTROID X	:	-.113	-.099	-.260
CENTROID Y	:	-.374	-.163	-.092
POA TO CENTROID in.	:	.391	.190	.276
MIN RADIUS	:	.259	.210	.117
MEAN RADIUS	:	.919	.796	.704
MAX RADIUS	:	1.908	1.407	1.061
HORIZONTAL SPREAD	:	2.385	2.385	1.699
VERTICAL SPREAD	:	3.157	1.789	1.789
EXTREME SPREAD	:	3.163	2.642	1.864
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	9		

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 8

HS= 2.854

VS= 2.753

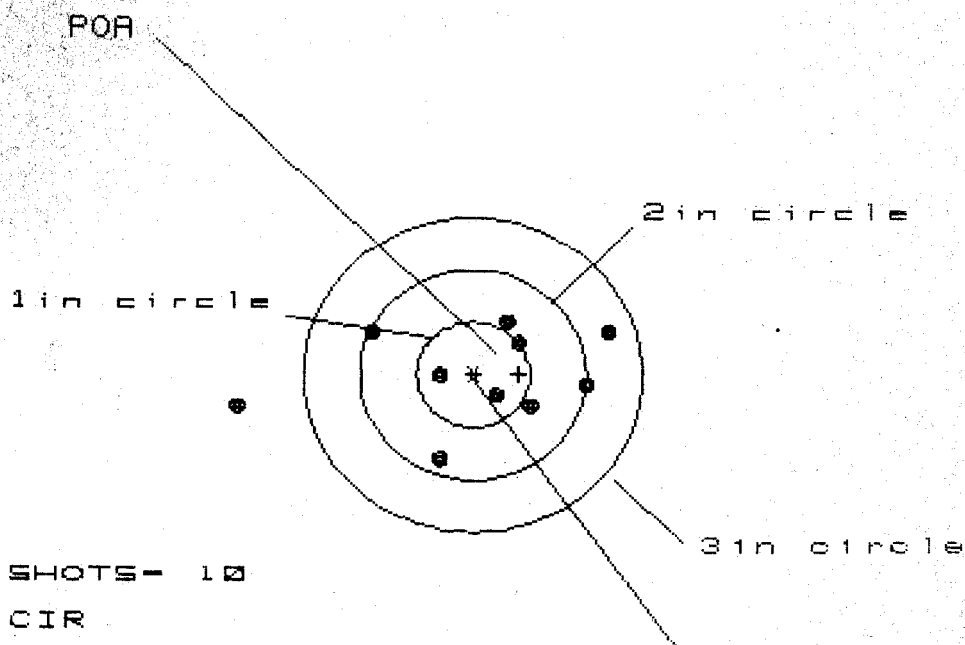
GS= 2.970

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.452	1.545	.581
MINIMUM X	:	-1.402	-1.309	-1.116
MAXIMUM Y	:	1.099	.915	.681
MINIMUM Y	:	-1.654	-.875	-.760
CENTROID X	:	-.164	-.257	-.450
CENTROID Y	:	-.426	-.242	-.356
POA TO CENTROID in.	:	.456	.353	.574
MIN RADIUS	:	.050	.165	.291
MEAN RADIUS	:	.862	.743	.610
MAX RADIUS	:	1.854	1.795	1.135
HORIZONTAL SPREAD	:	2.854	2.854	1.697
VERTICAL SPREAD	:	2.753	1.790	1.442
EXTREME SPREAD	:	2.970	2.970	1.953
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	8		

22 Aug 1991

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CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS = 3.261

VS = 1.301

GS = 3.338

CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.191	.961	.912
MINIMUM X	:	-2.070	-1.166	-1.046
MAXIMUM Y	:	.536	.500	.545
MINIMUM Y	:	-.765	-.801	-.756
CENTROID X	:	-.402	-.172	-.292
CENTROID Y	:	-.004	.032	-.013
POA TO CENTROID in.	:	.402	.175	.292
MIN RADIUS	:	.263	.223	.191
MEAN RADIUS	:	.850	.670	.626
MAX RADIUS	:	2.095	1.234	1.138
HORIZONTAL SPREAD	:	3.261	2.127	1.958
VERTICAL SPREAD	:	1.301	1.301	1.301
EXTREME SPREAD	:	3.338	2.127	2.037
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	9		

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CENTERFIRE PATTERNS # 4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS - 10

IN CIR

1 in - 2

2 in - 6

3 in - 9

HS= 2.634

VS= 2.335

GS= 2.675

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.039	.862	.870
MINIMUM X	:	-1.595	-1.439	-1.431
MAXIMUM Y	:	.861	.826	.637
MINIMUM Y	:	-1.474	-1.509	-.697
CENTROID X	:	-.131	.046	.038
CENTROID Y	:	-.376	-.341	-.152
POA TO CENTROID in.	:	.398	.344	.157
MIN RADIUS	:	.204	.345	.417
MEAN RADIUS	:	.927	.826	.725
MAX RADIUS	:	1.625	1.511	1.439
HORIZONTAL SPREAD	:	2.634	2.301	2.301
VERTICAL SPREAD	:	2.335	2.335	1.334
EXTREME SPREAD	:	2.675	2.386	2.312
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	9		

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CENTERFIRE PATTERNS # 5

POR

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in - 2

2in - 6

3in = 8

HS- 2.832

VS- 3.111

GS- 3.227

PATTERN #	:	5	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.746	1.802	.634
MINIMUM X	:	-1.086	-1.030	-.805
MAXIMUM Y	:	2.044	.727	.727
MINIMUM Y	:	-1.067	-.840	-.749
CENTROID X	:	.515	.459	.234
CENTROID Y	:	-.110	-.337	-.428
POR TO CENTROID in.	:	.527	.569	.488
MIN RADIUS	:	.235	.258	.284
MEAN RADIUS	:	.962	.794	.613
MAX RADIUS	:	2.106	1.943	.809
HORIZONTAL SPREAD	:	2.832	2.832	1.439
VERTICAL SPREAD	:	3.111	1.567	1.476
EXTREME SPREAD	:	3.227	2.925	1.494
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	8		