

Smead
®

FORM

UPC



0 47700 25716 7

66649061

*INCLUDES 1 IN CHAMBER

CAPACITY*

BARREL LENGTH

MODEL 700 TM M24

ORDER NO. 5716

Remington		DU PONT REG. U.S. PAT. & TM. OFF.	VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700TM M24		SERIAL NO. C6649061	ORDER NO. 5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.			

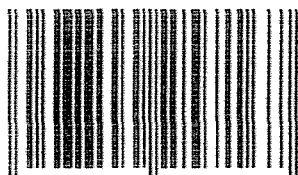


5716 C6649061

ORDER 5716

MODEL 700TM M24

UPC

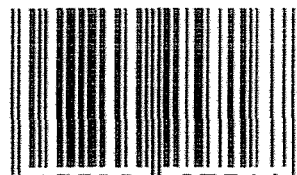


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ORDER 5716

MODEL 700TM M24

UPC



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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649061

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 27 97		RW
600	Proof	9 26 97		RW
607	Check Headspace	9 26 97		RW
610	Dis-assemble Gun	9 26 97		RW
612	Magnaflux Barrel Action	OCT 3 1991		KCR
	Magnaflux Bolt	OCT 3 1991		KCR
615	Rollmark Caliber	OCT 3 1991		GS
617	Drill and Tap Sight Holes	OCT 4 1991		LB
618	Polish Barrel	OCT 4 1991		WB
620	Apply Coatings (Barrel Action)		10-18-91	JH
	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		11/18/91	JH

op. #	OP NAME	READINGS					DATE	INIT
	BARBER - M24 0031200							
625 cont.	F) Safety On Force	4	4	4			11-18-91	DH
	G) Safety Off Force	2	2	2 1/4			11-18-91	DH
	H) Trigger Pull Test & Retainability						11/18/91	SH
	I) Firing Pin Indent	.020	.020	.020			11-18-91	DH
	J) Assemble Stock						11/19/91	AW
	K) Assemble Swivel Studs						11-27-91	DH
	L) Attach Front and Rear Sight Assemblies						11/19/91	AW
	M) Iron Sight Alignment						11/19/91	AW
	N) Detach Front & Rear Sights & place in numbered container						11/19/91	AW
	O) Attach Scope to Rifle						11/19/91	AW
	P) Detach & Attach Scope 20 Times						11/19/91	AW
640	Gallery Target & Test						11-21-91	DH
	A) Time						11-21-91	DH
	B) Malfunctions						11-21-91	DH
	C) Pierced Primers						11-21-91	DH
	D) Optical Clarity of Scope						11-21-91	DH
645	Inspect for Live Ammo						11-21-91	DH
655	Final Inspection						11-27-91	DH
	A) Headspace						11-25-91	SP
	B) Trigger Pull	2.47	2.51	2.42	2.48	2.54	11-27-91	DH
	C) Function						11-27-91	DH
660	Pack						12-29-91	NE

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

SERIAL NO. C6649061DATE 11-18-91TESTER JLP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.25	2.53	2.44	2.47	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.26	2.56	2.53	2.51	
PULL #3	2.51	2.61	2.56	2.42	
PULL #4	2.42	2.58	2.50	2.48	
PULL #5	2.53	2.65	2.50	2.54	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.50	3.55		
PULL #2	3.59	3.58		
PULL #3	3.58	3.48		
PULL #4	3.59	3.44		
PULL #5	3.60	3.51		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.55	4.56		4.47
PULL #2	4.50	4.56		4.36
PULL #3	4.51	4.59		4.30
PULL #4	4.56	4.59		4.37
PULL #5	4.58	4.68		4.44
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6649061
21 Nov 1991

CENTROIDAL DISTANCES

0 TO	1	.180094
1 TO	2	.440868
1 TO	3	.391414
1 TO	4	.299803
1 TO	5	.318818

5
2nd <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0856
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0762
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .114603
THE AMR FOR THIS RIFLE IS: 1.001

21 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649061

CENTERFIRE PATTERNS # 1

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS= 10

IN CIR

1 in = 1

2 in = 3

3 in = 10

HS= 2.007

VS= 2.244

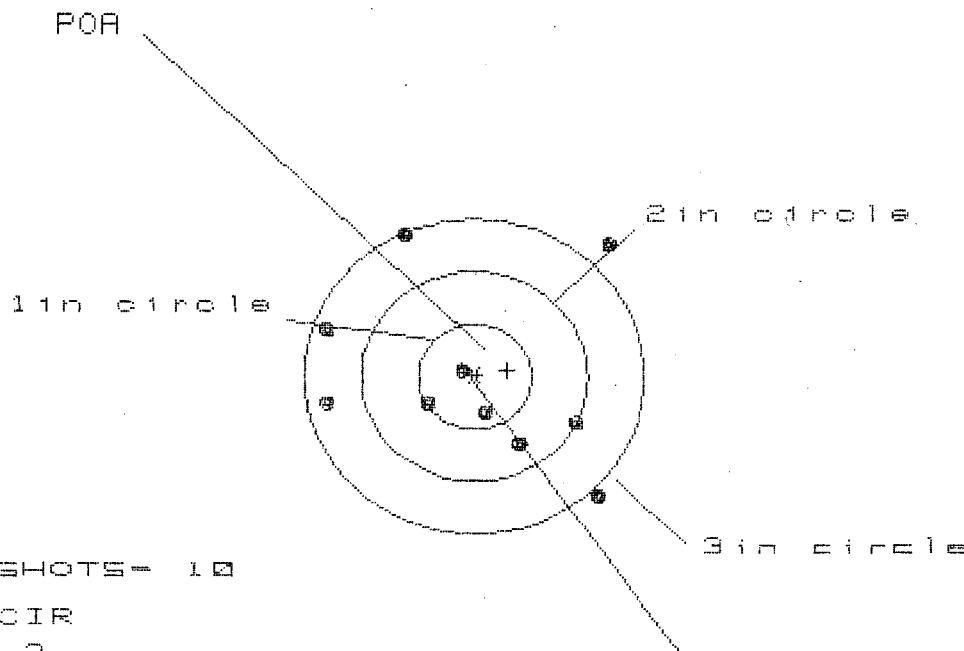
GS= 2.388

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.046	.939	.815
MINIMUM X	-.961	-1.055	-1.179
MAXIMUM Y	1.182	1.293	1.199
MINIMUM Y	-1.062	-.951	-1.045
CENTROID X	.095	.202	.326
CENTROID Y	.153	.042	.136
POA TO CENTROID IN.	.180	.206	.353
MIN RADIUS	.425	.290	.219
MEAN RADIUS	.988	.907	.831
MAX RADIUS	1.389	1.294	1.293
HORIZONTAL SPREAD	2.007	1.994	1.994
VERTICAL SPREAD	2.244	2.244	2.244
EXTREME SPREAD	2.388	2.266	2.248
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =		10	

21 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08649061

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS = 2.450

VS = 2.483

GS = 3.026

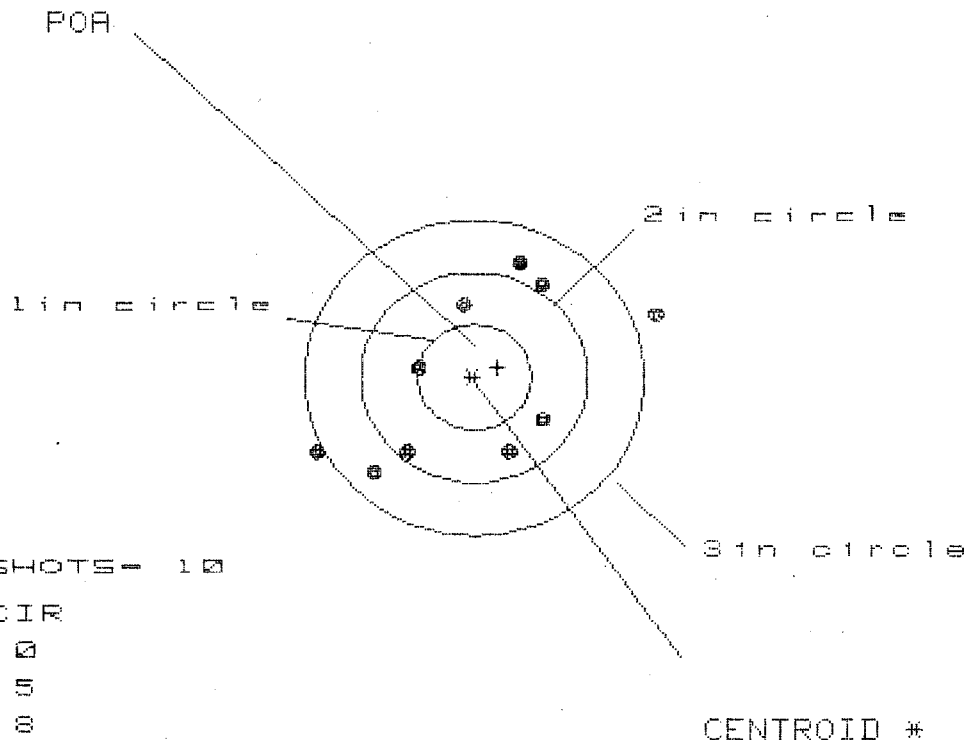
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.143	1.227	1.184
MINIMUM X	:	-1.317	-1.189	-1.036
MAXIMUM Y	:	1.317	1.455	1.326
MINIMUM Y	:	-1.166	-1.028	-.597
CENTROID X	:	-.291	-.418	-.571
CENTROID Y	:	-.060	-.198	-.069
POA TO CENTROID in.	:	.297	.462	.575
MIN RADIUS	:	.081	.190	.218
MEAN RADIUS	:	1.017	.923	.850
MAX RADIUS	:	1.685	1.601	1.371
HORIZONTAL SPREAD	:	2.460	2.416	2.220
VERTICAL SPREAD	:	2.483	2.483	1.923
EXTREME SPREAD	:	3.026	3.026	2.376
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			4	
NUMBER IN THREE INCH CIRCLE =			8	

21 Nov 1991

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CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in - 0

2 in - 5

3 in - 8

HS = 2.965

VS = 2.045

GS = 3.244

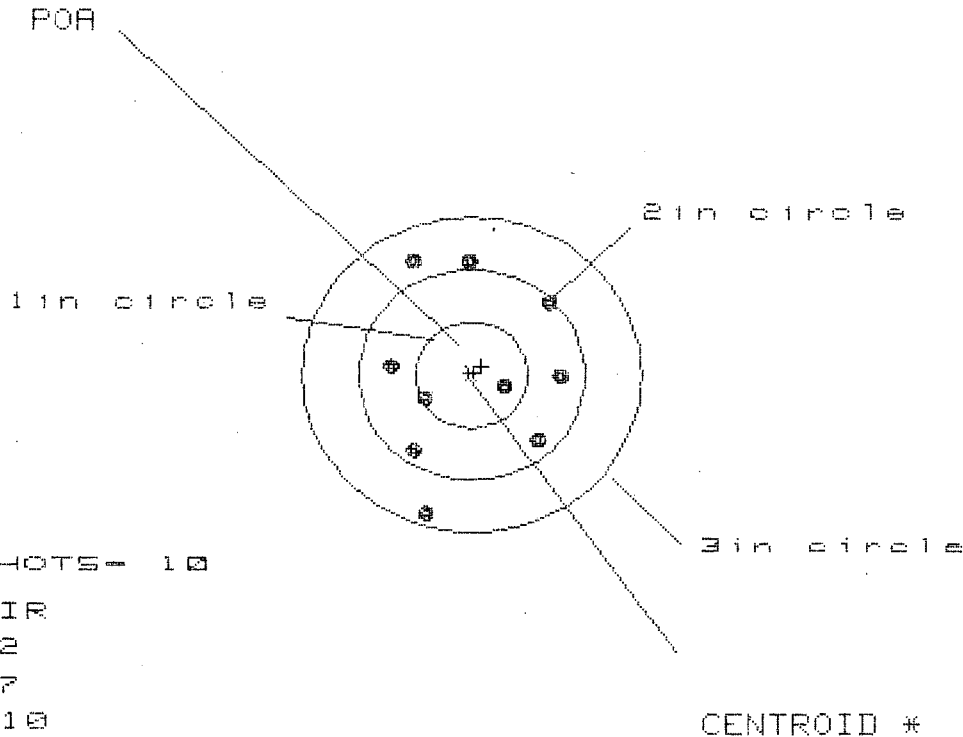
CENTROID *

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.562	.822	.668
MINIMUM X	-1.403	-1.229	-.864
MAXIMUM Y	1.112	1.184	1.108
MINIMUM Y	-.933	-.861	-.937
CENTROID X	-.207	-.381	-.227
CENTROID Y	-.096	-.168	-.092
POA TO CENTROID in.	.229	.416	.245
MIN RADIUS	.516	.365	.495
MEAN RADIUS	1.040	.950	.894
MAX RADIUS	1.689	1.369	1.274
HORIZONTAL SPREAD	2.965	2.051	1.532
VERTICAL SPREAD	2.045	2.045	2.045
EXTREME SPREAD	3.244	2.613	2.439
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		8	

21 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649061

CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1in = 2

2in = 7

3in = 10

HS = 1.499

VS = 2.359

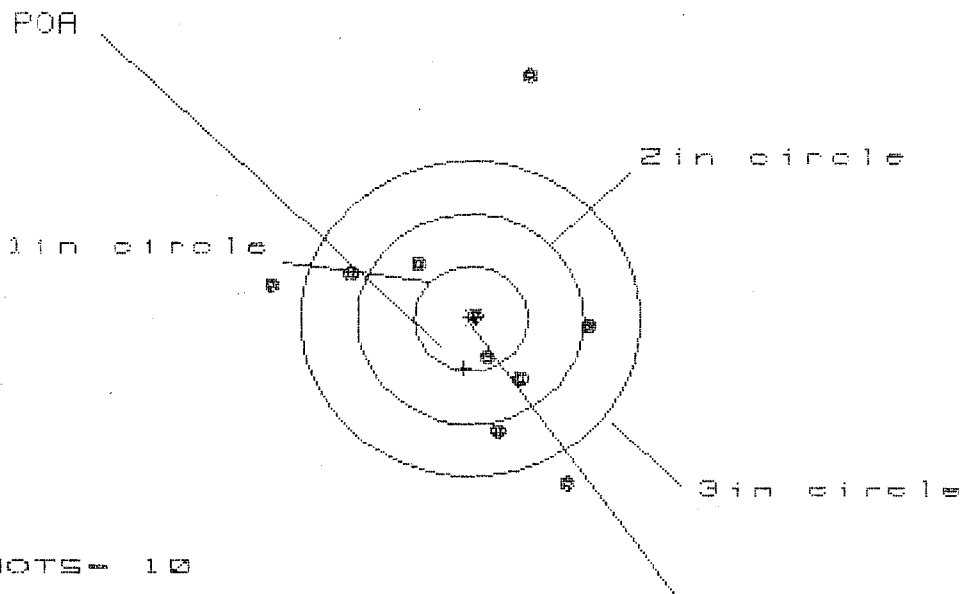
GS = 2.379

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.812	.771	.707
MINIMUM X	-.687	-.728	-.792
MAXIMUM Y	1.087	.946	1.059
MINIMUM Y	-1.272	-.853	-.735
CENTROID X	-.086	-.045	.019
CENTROID Y	-.086	.055	-.063
POA TO CENTROID in.	.122	.071	.066
MIN RADIUS	.303	.333	.213
MEAN RADIUS	.857	.805	.750
MAX RADIUS	1.325	1.074	1.068
HORIZONTAL SPREAD	1.499	1.499	1.499
VERTICAL SPREAD	2.359	1.799	1.794
EXTREME SPREAD	2.379	2.053	1.851
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

21 Nov 1991

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CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 5

3 in = 7

HS = 2.706

VS = 3.848

GS = 3.857

CENTROID *

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.991	1.056	1.170
MINIMUM X	-1.715	-1.650	-1.536
MAXIMUM Y	2.302	.756	.595
MINIMUM Y	-1.546	-1.290	-1.003
CENTROID X	.061	-.004	-.118
CENTROID Y	.470	.214	.375
POA TO CENTROID in.	.474	.214	.393
MIN RADIUS	.080	.177	.280
MEAN RADIUS	1.104	.946	.878
MAX RADIUS	2.375	1.754	1.596
HORIZONTAL SPREAD	2.706	2.706	2.706
VERTICAL SPREAD	3.848	2.046	1.598
EXTREME SPREAD	3.857	3.179	2.735
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	7		