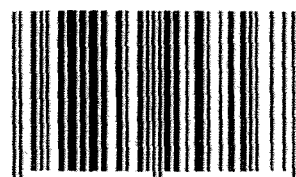


SMITH
S&W
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FORM

UPC



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C6649056

*INCLUDES 1 IN CHAMBER

CAPACITY*

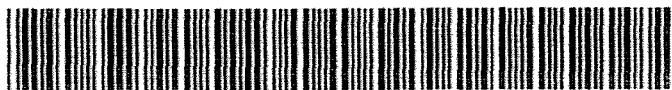
BARREL LENGTH

MODEL 700 TM M24

ORDER NO.

5715

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. C6649056	
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.		ORDER NO. 5716	



5716 C6649056

ORDER 5716
MODEL 700TM M24
UPC



0 47700 25716 7

ORDER 5716
MODEL 700TM M24
UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649056

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 26 91	91	RW
600	Proof	9 26 91	91	RW
607	Check Headspace	9 26 91	91	RW
610	Dis-assemble Gun	9 26 91	91	RW
612	Magnaflux Barrel Action	OCT	3 1991	Ked
	Magnaflux Bolt	OCT	3 1991	Ked
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		11-19-91	JH

op. #	BARBER M24 0031143	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	3 3/4	3 1/2	3 3/4	11/14/91	W/B		
	G) Safety Off Force	2 1/2	2 1/2	2 1/2	11/19/91	W/B		
	H) Trigger Pull Test & Retainability				11-19-91	JH		
	I) Firing Pin Indent	.020	.020	.020	11/19/91	W/B		
	J) Assemble Stock				11/20/91	RW		
	K) Assemble Swivel Studs				11-26-91	JH		
	L) Attach Front and Rear Sight Assemblies				11/20/91	RW		
	M) Iron Sight Alignment				11/20/91	RW		
	N) Detach Front & Rear Sights & place in numbered container				11/20/91	RW		
	O) Attach Scope to Rifle				11/20/91	RW		
	P) Detach & Attach Scope 20 Times				11/20/91	RW		
640	Gallery Target & Test				11-22-91	AC		
	A) Time				11-22-91	AC		
	B) Malfunctions				11-22-91	AC		
	C) Pierced Primers				11-22-91	AC		
	D) Optical Clarity of Scope				11-22-91	AC		
645	Inspect for Live Ammo				11-22-91	AC		
655	Final Inspection							
	A) Headspace	2.53	2.68	2.66	2.67	2.35	11-26-91	JH
	B) Trigger Pull	286	286	291	294	295	11-22-91	D/H
	C) Function						11-26-91	JH
660	Pack						12-19-91	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6649656

DATE 11-19-91

TESTER JLL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.69	2.53	2.55	2.86 2.53	MIN. SETTING,
PULL #2	2.49	2.60	2.58	2.86 2.68	NO AVG. OF 5
PULL #3	2.56	2.55	2.50	2.91 2.66	READINGS ACCEPT-
PULL #4	2.55	2.59	2.59	2.94 2.67	ABLE LESS THAN 2#
PULL #5	2.60	2.59	2.60	2.95 2.35	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.39	3.51		
PULL #2	3.51	3.55		
PULL #3	3.55	3.43		
PULL #4	3.48	3.51		
PULL #5	3.50	3.43		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.52	4.40		4.52
PULL #2	4.44	4.42		4.42
PULL #3	4.46	4.44		4.48
PULL #4	4.30	4.45		4.45
PULL #5	4.45	4.47		4.21
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06649056
22 Nov 1991

CENTROIDAL DISTANCES

0 TO	1	.201316
1 TO	2	.447725
1 TO	3	.500402
1 TO	4	.534575
1 TO	5	.686571

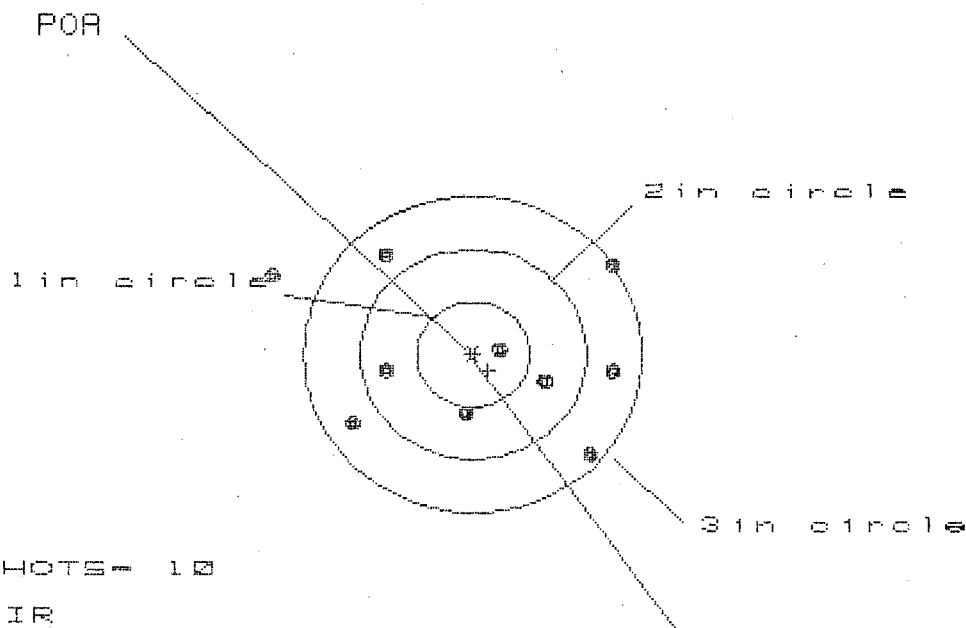
$\frac{1}{4}$ $\frac{1}{4}$ <----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .271
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0758
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .281401
THE AMR FOR THIS RIFLE IS: .8478

22 Nov 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8649056

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 4

3 in = 8

HS = 3.018

VS = 1.886

GS = 3.197

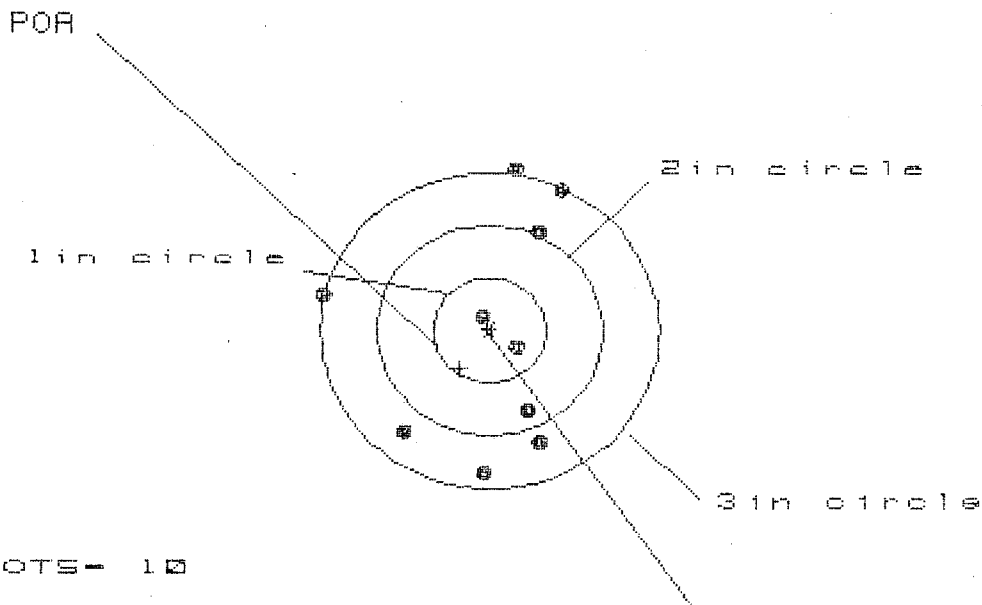
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.278	1.085	1.144
MINIMUM X	-1.740	-1.268	-1.132
MAXIMUM Y	.963	1.041	1.159
MINIMUM Y	-.923	-.845	-.727
CENTROID X	-.132	.061	-.075
CENTROID Y	.152	.074	-.044
POA TO CENTROID in.	.202	.096	.087
MIN RADIUS	.281	.148	.325
MEAN RADIUS	1.078	.951	.888
MAX RADIUS	1.878	1.437	1.419
HORIZONTAL SPREAD	3.018	2.353	2.276
VERTICAL SPREAD	1.886	1.886	1.886
EXTREME SPREAD	3.197	2.775	2.586
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

22 Nov 1991

FILE:/PATTERNING/CENTERFIRE PATT/06649056

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 3

3 in = 8

HS = 2.135

VS = 2.849

GS = 2.860

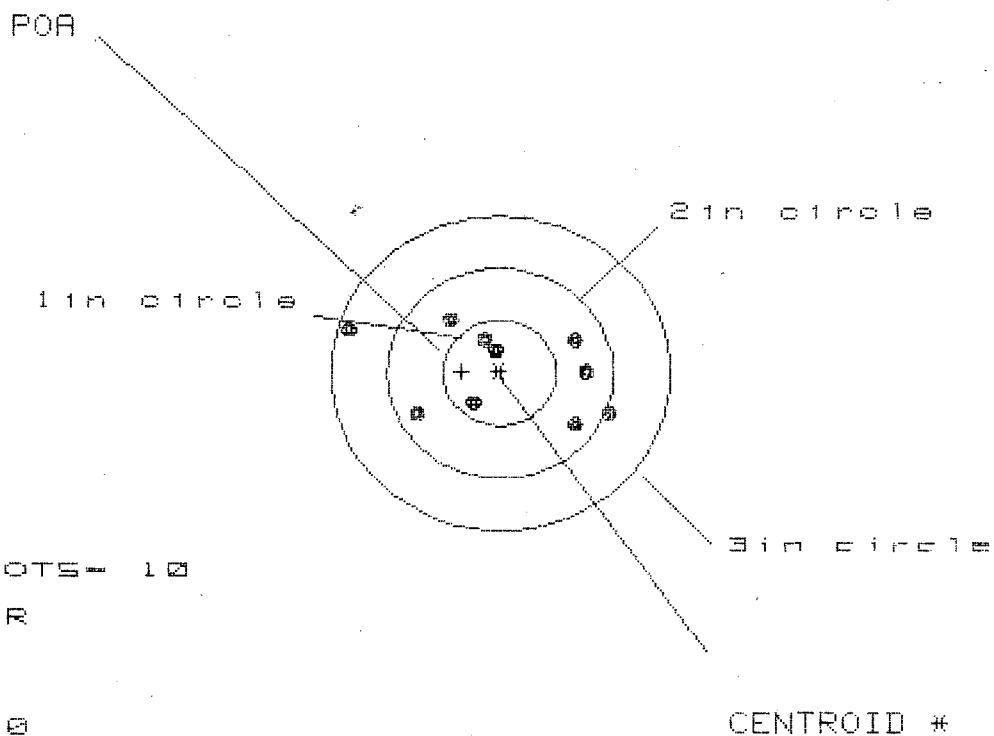
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.672	.509	.516
MINIMUM X	:	-1.463	-.983	-.876
MAXIMUM Y	:	1.495	1.538	1.572
MINIMUM Y	:	-1.354	-1.311	-1.119
CENTROID X	:	.265	.428	.421
CENTROID Y	:	.359	.316	.124
POR TO CENTROID in.	:	.446	.532	.439
MIN RADIUS	:	.170	.128	.122
MEAN RADIUS	:	1.053	.982	.891
MAX RADIUS	:	1.513	1.539	1.654
HORIZONTAL SPREAD	:	2.135	1.392	1.392
VERTICAL SPREAD	:	2.849	2.849	2.691
EXTREME SPREAD	:	2.860	2.860	2.782
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	

22 Nov 1991

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CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1in = 3

2in = 8

3in = 10

HS= 2.228

VS= 1.019

GS= 2.363

PATTERN #	:	3	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.917	.771	.686
MINIMUM X	:	-1.311	-.867	-.770
MAXIMUM Y	:	.488	.530	.485
MINIMUM Y	:	-.531	-.489	-.534
CENTROID X	:	.339	.485	.388
CENTROID Y	:	-.017	-.059	-.014
POA TO CENTROID in.	:	.340	.488	.389
MIN RADIUS	:	.218	.330	.236
MEAN RADIUS	:	.704	.632	.587
MAX RADIUS	:	1.366	.947	.880
HORIZONTAL SPREAD	:	2.228	1.638	1.456
VERTICAL SPREAD	:	1.019	1.019	1.019
EXTREME SPREAD	:	2.363	1.638	1.534
NUMBER IN ONE INCH CIRCLE =	:	3		
NUMBER IN TWO INCH CIRCLE =	:	8		
NUMBER IN THREE INCH CIRCLE =	:	10		

22 Nov 1991

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CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in = 6

2 in = 9

3 in = 10

HSI = 1.596

VS = 1.147

GS = 1.621

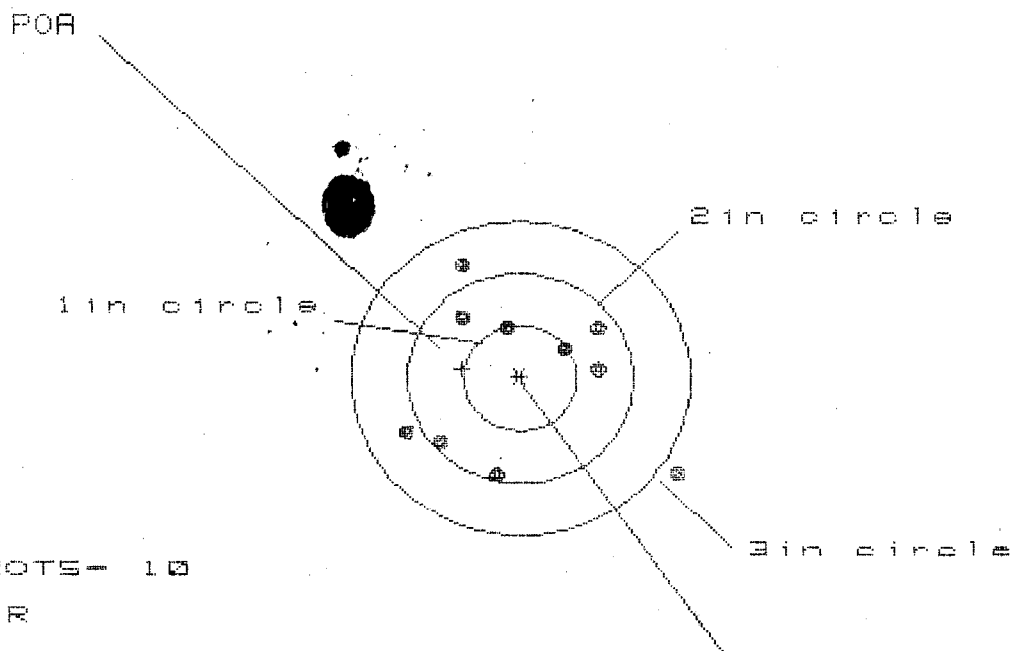
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.472	.347	.349
MINIMUM X	:	-1.124	-.631	-.629
MAXIMUM Y	:	.731	.701	.457
MINIMUM Y	:	-.416	-.446	-.359
CENTROID X	:	.371	.496	.493
CENTROID Y	:	-.029	.001	-.086
POA TO CENTROID in.	:	.373	.496	.501
MIN RADIUS	:	.162	.041	.079
MEAN RADIUS	:	.491	.378	.337
MAX RADIUS	:	1.157	.701	.642
HORIZONTAL SPREAD	:	1.596	.978	.978
VERTICAL SPREAD	:	1.147	1.147	.815
EXTREME SPREAD	:	1.621	1.166	.999
NUMBER IN ONE INCH CIRCLE	=		6	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

02 Nov 1991

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CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 7

3 in = 9

HS = 2.344

VS = 2.073

GS = 2.767

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.349	.851	.888
MINIMUM X	-.995	-.846	-.889
MAXIMUM Y	1.122	1.018	.592
MINIMUM Y	-.951	-1.055	-.928
CENTROID X	.512	.363	.406
CENTROID Y	-.086	.018	-.109
POA TO CENTROID in.	.520	.363	.420
MIN RADIUS	.431	.393	.517
MEAN RADIUS	.913	.816	.787
MAX RADIUS	1.644	1.075	.998
HORIZONTAL SPREAD	2.344	1.697	1.697
VERTICAL SPREAD	2.073	2.073	1.520
EXTREME SPREAD	2.767	2.090	1.971
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		