

Smead
®

06636325

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.



Remington
MODEL 700TH M24

DUPONT
REG. U.S. PAT. & TM. OFF.

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

SERIAL NO.
C6636325

ORDER NO.
5716

20

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

5716 C6636325

UPC
0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6696325

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		6/25/91	KA
600	Proof		6/25/91	KA
607	Check Headspace		6/25/91	KA
610	Dis-assemble Gun		6/25/91	KA
612	Magnaflux Barrel Action	JUL	1 1991	KR
	Magnaflux Bolt	JUL	1 1991	KR
615	Rollmark Caliber	JUL	1 1991	JS
617	Drill and Tap Sight Holes	JUL	1 1991	LB
618	Polish Barrel	JUL	2 1991	WB
620	Apply Coatings (Barrel Action)		7-23-91	KA
	Apply Coating (Bolt)			KA
625	Final Assembly A) Clean inside of Bolt Assembly		7/23/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/23/91	KS
	C) Inspect Ejector Hole for Chamfer		7/23/91	KS
	D) Oil Firing Pin Ass'y		7/23/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		7-25-91	JS

Op. #	Op. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			7-29-91	PH
	G) Safety Off Force	4	3 3/4	4			7-29-91	PH
	H) Trigger Pull Test & Retainability						7-29-91	PH
	I) Firing Pin Indent	.020	.020	.020			7-29-91	PH
	J) Assemble Stock						7-29-91	KS
	K) Assemble Swivel Studs						8-6-91	AC
	L) Attach Front and Rear Sight Assemblies						7/29/91	KS
	M) Iron Sight Alignment						7/29/91	KS
	N) Detach Front & Rear Sights & place in numbered container						7/29/91	KS
	O) Attach Scope to Rifle						7/29/91	KS
	P) Detach & Attach Scope 20 Times						7/29/91	KS
640	Gallery Target & Test						7/31/91	KT
	A) Time							KT
	B) Malfunctions							KT
	C) Pierced Primers							KT
	D) Optical Clarity of Scope							KT
645	Inspect for Live Ammo						7/31/91	KT
655	Final Inspection							
	A) Headspace						8-6-91	AC
	B) Trigger Pull	2.48	2.40	2.38	2.51	2.53	8-5-91	PH
	C) Function						8-6-91	AC
660	Pack						12-17-91	AC

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6636325

DATE 7-25-91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.23	2.32	2.55	2.48	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.19	2.52	2.60	2.48	
PULL #3	2.59	2.43	2.56	2.38	
PULL #4	2.66	2.40	2.66	2.51	
PULL #5	2.61	2.50	2.66	2.55	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.32	3.54		
PULL #2	3.45	3.57		
PULL #3	3.50	3.55		
PULL #4	3.52	3.52		
PULL #5	3.52	3.50		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.26	4.34		4.20
PULL #2	4.39	4.30		4.28
PULL #3	4.41	4.25		4.21
PULL #4	4.30	4.18		4.22
PULL #5	4.40	4.20		4.20
TOTAL				
AVG.				

PERCENTAGE DISTANCE CALCULATIONS
RIFLE # 06670325
10/10/1991

PERCENTAGE DISTANCES

1.00000
1.00000
1.00000
1.00000
1.00000

THIS RIFLE IS: -.0546
THIS RIFLE IS: -.042
THIS RIFLE IS: .0688851
THIS RIFLE

FILE: PATTERNING-CENTERFIRE_PATT.06836325

PATTERNING INCH PATTERNS # 1



* 10 SHOTS - 10

IN CIR

1 IN - 1

2 IN - 3

3 IN - 6

CENTROID *

X-CENT 3.281

Y-CENT 3.142

Z-CENT 3.408

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.314	1.674	1.635
MINIMUM X	-1.467	-1.265	-1.304
MAXIMUM Y	1.400	1.302	1.072
MINIMUM Y	-1.742	-1.840	-1.369
CENTROID X	-0.214	-0.416	-0.377
CENTROID Y	0.099	0.197	0.427
POA TO CENTROID in.	0.236	0.460	0.570
MIN RADIUS	0.062	0.168	0.307
MEAN RADIUS	1.262	1.160	1.074
MAX RADIUS	2.018	1.865	1.665
HORIZONTAL SPREAD	3.281	2.939	2.939
VERTICAL SPREAD	3.142	3.142	2.441
EXTREME SPREAD	3.409	3.143	3.061
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	6		

11 JUL 1981

FILE: /PATTERNING/CENTERFIRE_PATT-06636325

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS = 1.872

VS = 2.895

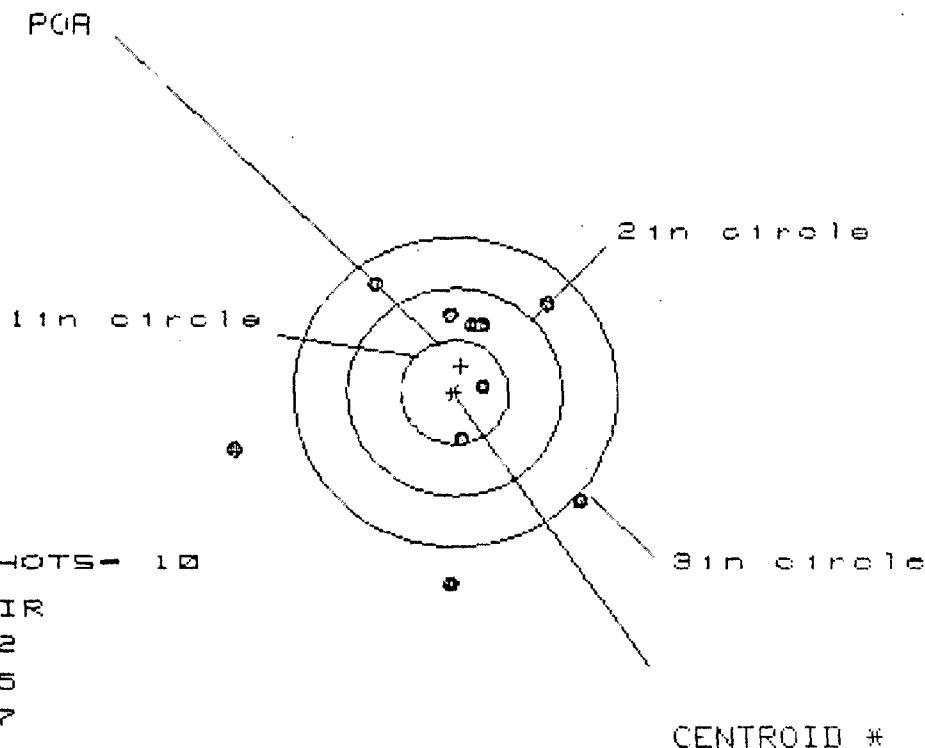
GS = 3.020

PATTERN #		3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.248	1.285	1.211
MINIMUM X	:	-.623	-.587	-.574
MAXIMUM Y	:	1.680	1.400	1.244
MINIMUM Y	:	-1.215	-1.029	-.853
CENTROID X	:	.026	-.011	.063
CENTROID Y	:	-.076	-.262	-.438
POA TO CENTROID in.	:	.080	.263	.442
MIN RADIUS	:	.476	.356	.403
MEAN RADIUS	:	1.030	.920	.818
MAX RADIUS	:	1.711	1.519	1.249
HORIZONTAL SPREAD	:	1.872	1.872	1.785
VERTICAL SPREAD	:	2.895	2.429	2.097
EXTREME SPREAD	:	3.020	2.545	2.208
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1in = 2

2in = 5

3in = 7

IS = 3.201

VS = 2.874

GS = 3.272

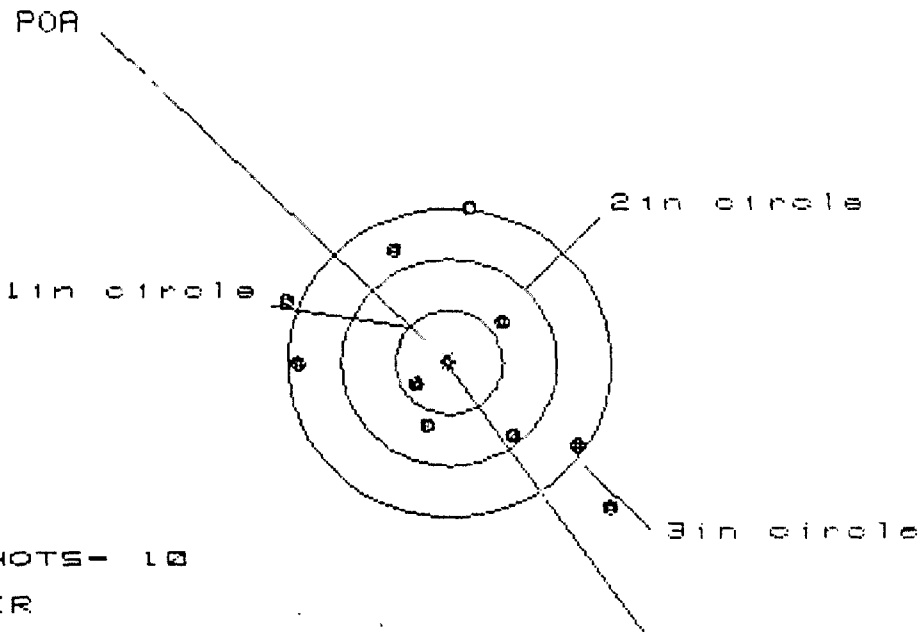
CENTROID #

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.146	.918	.880
MINIMUM X	:	-2.055	-.939	-.977
MAXIMUM Y	:	1.045	.980	.744
MINIMUM Y	:	-1.829	-1.894	-1.395
CENTROID X	:	-.058	.170	.208
CENTROID Y	:	-.251	-.106	.051
POA TO CENTROID in.	:	.258	.252	.214
MIN RADIUS	:	.316	.079	.209
MEAN RADIUS	:	1.095	.924	.744
MAX RADIUS	:	2.136	1.918	1.649
HORIZONTAL SPREAD	:	3.201	1.857	1.857
VERTICAL SPREAD	:	2.874	2.874	2.138
EXTREME SPREAD	:	3.272	2.943	2.832
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	7		

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 7

HS- 3.003

VS# 2.886

GS# 3.609

CENTROID *

PATTERN #	:	743	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.455	1.384	1.211
MINIMUM X	:	-1.548	-1.387	-1.373
MAXIMUM Y	:	1.497	1.343	1.400
MINIMUM Y	:	-1.389	-.945	-.888
CENTROID X	:	.010	-.151	.022
CENTROID Y	:	.003	.157	.100
POA TO CENTROID in.	:	.011	.218	.102
MIN RADIUS	:	.395	.395	.460
MEAN RADIUS	:	1.182	1.083	1.023
MAX RADIUS	:	2.011	1.676	1.502
HORIZONTAL SPREAD	:	3.003	2.771	2.584
VERTICAL SPREAD	:	2.886	2.288	2.288
EXTREME SPREAD	:	3.609	3.106	2.709
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	7		

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CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 0

2 in = 7

3 in = 9

HS= 1.471

VS= 2.642

GS= 2.765

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.652	.599	.490
MINIMUM X	:	-.819	-.872	-.780
MAXIMUM Y	:	1.496	1.133	1.007
MINIMUM Y	:	-1.146	-.980	-.838
CENTROID X	:	-.037	.016	.125
CENTROID Y	:	.015	-.151	-.293
POA TO CENTROID in.	:	.039	.152	.319
MIN RADIUS	:	.609	.526	.430
MEAN RADIUS	:	.964	.870	.757
MAX RADIUS	:	1.570	1.430	1.274
HORIZONTAL SPREAD	:	1.471	1.471	1.270
VERTICAL SPREAD	:	2.642	2.113	1.945
EXTREME SPREAD	:	2.765	2.410	2.078
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	