

C6522158

MODEL 700™ H24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

Smead®

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6522158

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	8 2	90	RW
600	Proof	8 2	90	RW
607	Check Headspace	8 2	90	RW
610	Dis-assemble Gun	8 2		RW
612	Magnaflux Barrel Action		8/7/90	KR
	Magnaflux Bolt		8/7/90	KR
615	Rollmark Caliber		8/7/90	G.S.
617	Drill and Tap Sight Holes		8/10/90	LB
618	Polish Barrel RB		8/14/90	W/L
620	Apply Coatings (Barrel Action)		8-22-90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/10/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/10/91	RW
	C) Inspect Ejector Hole for Chamfer		4/10/91	RW
	D) Oil Firing Pin Ass'y		4/10/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4/24/91	JK

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			4/24/91	RM
	G) Safety Off Force	4	4	4			4/24/91	RM
	H) Trigger Pull Test & Retainability						4/24/91	RM
	I) Firing Pin Indent	.0225	.0225	.0225			4/24/91	RM
	J) Assemble Stock						4/25/91	RM
	K) Assemble Swivel Studs						5-1-91	1/H
	L) Attach Front and Rear Sight Assemblies						4/25/91	RM
	M) Iron Sight Alignment						4/25/91	RM
	N) Detach Front & Rear Sights & place in numbered container						4/25/91	RM
	O) Attach Scope to Rifle						4/25/91	RM
	P) Detach & Attach Scope 20 Times						4/25/91	RM
640	Gallery Target & Test						4-26-91	NE
	A) Time						"	NE
	B) Malfunctions						"	NE
	C) Pierced Primers						"	NE
	D) Optical Clarity of Scope						"	NE
645	Inspect for Live Ammo						4-26-91	NE
655	Final Inspection							
	A) Headspace						5-1-91	1/H
	B) Trigger Pull	2.20	2.25	2.28	2.35	2.41	5/1/91	RM
	C) Function						5-1-91	1/H
660	Pack						6-19-91	NE

SWS TRIGGER PULL TEST

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

SERIAL NO. C6522158
DATE 4/24/91
TESTER JU

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.49	2.30	2.33	2.20	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.29	2.44	2.38	2.25	
PULL #3	2.33	2.49	2.33	2.28	
PULL #4	2.41	2.28	2.40	2.35	
PULL #5	2.22	2.47	2.44	2.41	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.40	3.34		
PULL #2	3.39	3.30		
PULL #3	3.32	3.38		
PULL #4	3.30	3.40		
PULL #5	3.38	3.34		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.39	4.41		4.45
PULL #2	4.48	4.56		4.46
PULL #3	4.44	4.43		4.58
PULL #4	4.49	4.48		4.52
PULL #5	4.53	4.50		4.57
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522158
26 Apr 1991

CENTROIDAL DISTANCES

0 TO 1	.123227
1 TO 2	.163527
1 TO 3	.190541
1 TO 4	.308294
1 TO 5	.11967

41 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0788
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1748
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .191741

THE AMR FOR THIS RIFLE IS: .7838

26 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6522158

CENTERFIRE PATTERNS

1

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS- 10

IN CIR

1in = 6

2in = 9

3in = 10

HS= 1.294

VS= 1.760

GS= 1.848

PATTERN #

SHOTS (BEST OF)

MAXIMUM X

MINIMUM X

MAXIMUM Y

MINIMUM Y

CENTROID X

CENTROID Y

POA TO CENTROID in.

MIN RADIUS

MEAN RADIUS

MAX RADIUS

HORIZONTAL SPREAD

VERTICAL SPREAD

EXTREME SPREAD

NUMBER IN ONE INCH CIRCLE =

NUMBER IN TWO INCH CIRCLE =

NUMBER IN THREE INCH CIRCLE =

10

9

8

.461

.427

.319

-.833

-.867

-.586

1.029

.525

.438

-.731

-.617

-.551

.032

.066

.174

-.119

-.233

-.298

.123

.242

.346

.309

.260

.276

.576

.497

.413

1.073

1.013

.628

1.294

1.294

.905

1.760

1.142

.989

1.848

1.578

1.045

6

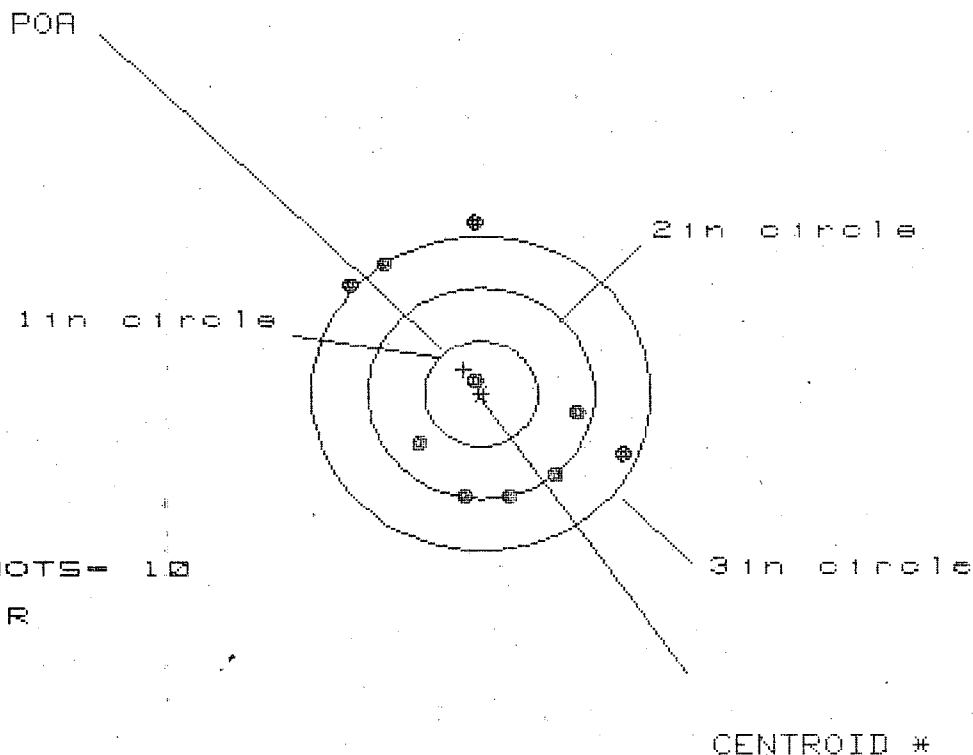
9

10

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FILE:/PATTERNING/CENTERFIRE_PATT/C6522158

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 8

HS= 2.390

VS= 2.599

GS= 2.841

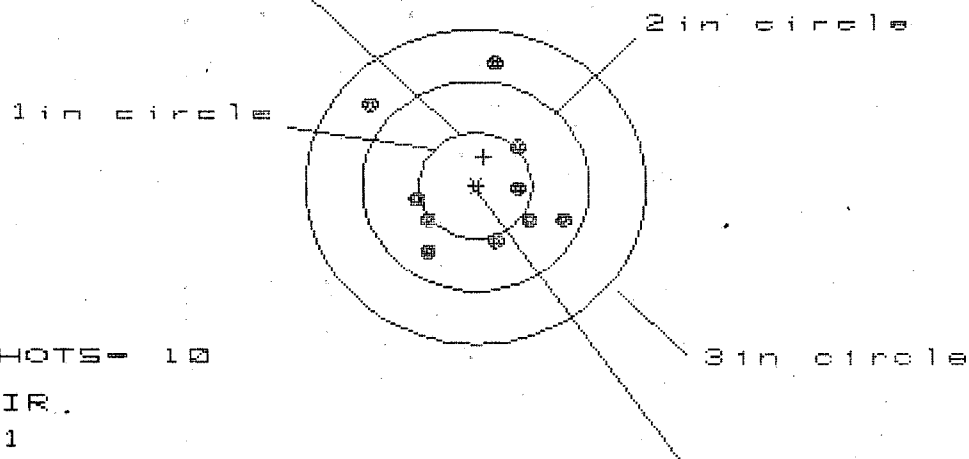
PATTERN #	2	2	2
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.213	1.202	1.054
MINIMUM X	-1.177	-1.188	-.970
MAXIMUM Y	1.599	1.356	1.503
MINIMUM Y	-1.000	-.823	-.676
CENTROID X	.153	.164	.313
CENTROID Y	-.229	-.406	-.553
POA TO CENTROID in.	.275	.438	.635
MIN RADIUS	.139	.302	.498
MEAN RADIUS	1.065	.982	.861
MAX RADIUS	1.602	1.669	1.788
HORIZONTAL SPREAD	2.390	2.390	2.023
VERTICAL SPREAD	2.599	2.179	2.179
EXTREME SPREAD	2.841	2.841	2.655
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

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CENTERFIRE PATTERNS # 3

FOR



OF SHOTS- 10

IN CIR.

1in = 1

2in = 8

3in = 10

HS= 1.667

VS= 1.889

GS= 2.017

CENTROID #

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.727	.623	.630
MINIMUM X	-.940	-.589	-.582
MAXIMUM Y	1.226	1.317	.602
MINIMUM Y	-.663	-.572	-.408
CENTROID X	-.073	.031	.024
CENTROID Y	-.278	-.369	-.533
FOR TO CENTROID in.	.288	.370	.534
MIN RADIUS	.377	.275	.320
MEAN RADIUS	.713	.623	.512
MAX RADIUS	1.245	1.318	.691
HORIZONTAL SPREAD	1.667	1.212	1.212
VERTICAL SPREAD	1.889	1.889	1.010
EXTREME SPREAD	2.017	1.988	1.302
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		

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CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 9

HS= 2.334

VS= 2.007

GS= 2.948

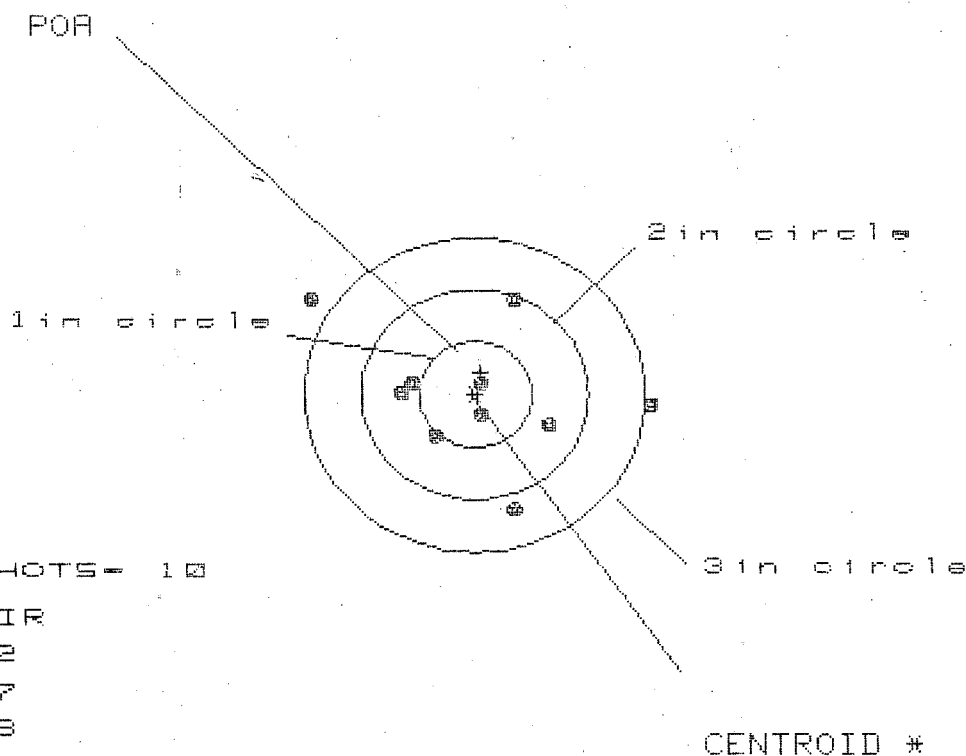
CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.892	.731	.553
MINIMUM X	:	-1.442	-1.426	-.546
MAXIMUM Y	:	1.058	.604	.571
MINIMUM Y	:	-.949	-.831	-.864
CENTROID X	:	.330	.491	.669
CENTROID Y	:	-.040	-.158	-.125
POA TO CENTROID in.	:	.333	.515	.681
MIN RADIUS	:	.040	.195	.306
MEAN RADIUS	:	.750	.634	.519
MAX RADIUS	:	1.789	1.449	.943
HORIZONTAL SPREAD	:	2.334	2.157	1.099
VERTICAL SPREAD	:	2.007	1.435	1.435
EXTREME SPREAD	:	2.948	2.180	1.679
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	9		

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CENTERFIRE PATTERNS # 5



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.531	1.371	.681
MINIMUM X	:	-1.443	-.838	-.666
MAXIMUM Y	:	.898	.997	1.002
MINIMUM Y	:	-1.085	-.986	-.981
CENTROID X	:	-.048	.112	-.059
CENTROID Y	:	-.208	-.307	-.312
POA TO CENTROID in.	:	.214	.327	.318
MIN RADIUS	:	.105	.123	.116
MEAN RADIUS	:	.815	.721	.608
MAX RADIUS	:	1.697	1.372	1.076
HORIZONTAL SPREAD	:	2.974	2.209	1.348
VERTICAL SPREAD	:	1.983	1.983	1.983
EXTREME SPREAD	:	3.124	2.209	1.983
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	8		

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

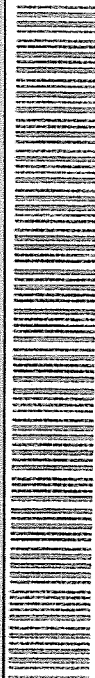
MODEL 700[™] H24

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

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

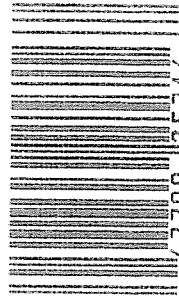
SERIAL NO.
 C6522158

ORDER NO.
 5716



5716 C6522158

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