



C6498868



MODEL 700™ M24

Model **S&S**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.



C6498868

MODEL 700A TM M24



RECORDS CONTROL SCHEDULE

RECORDS CATEGORY OR TITLE:

COPY "O" (OFFICIAL) ☒ "X" (EXTRA) ☐

TOTAL RETENTION:

GS-11050 Rev. 8/78

Remington [®]		DU PONT REG. U.S. PAT. & TM. OFF.	VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700 TM M24		SERIAL NO. C6498868	ORDER NO. 5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.			
 5716 C6498868			

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6498868

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	5 17	90	RW
600	Proof	5 17	90	RW
607	Check Headspace	5 17	90	RW
610	Dis-assemble Gun	5 17	90	RW
612	Magnaflux Barrel Action		5/22/90	KCR
	Magnaflux Bolt		5/22/90	KCR
615	Rollmark Caliber		5/22/90	G.S.
617	Drill and Tap Sight Holes		5/23/90	R.B.
618	Polish Barrel RWB		5/24/90	W.B.
620	Apply Coatings (Barrel Action)		6-4-90	JA
	Apply Coating (Bolt)		6-4-90	JA
625	Final Assembly			
	A) Clean inside of Bolt Assembly		6/4/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		6/4/90	RW
	C) Inspect Ejector Hole for Chamfer		6/4/90	RW
	D) Oil Firing Pin Ass'y		6/4/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		6/8/90	g/g

BARBER - M24 0009197

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			6/11/90	WB
	G) Safety Off Force	2	2	2			6/11/90	WB
	H) Trigger Pull Test & Retainability						6-8-90	gll
	I) Firing Pin Indent	.0207	.021	.021			6/11/90	WB
	J) Assemble Stock						6/11/90	RW
	K) Assemble Swivel Studs						6/13/90	gll
	L) Attach Front and Rear Sight Assemblies						6/11/90	RW
	M) Iron Sight Alignment						6/11/90	RW
	N) Detach Front & Rear Sights & place in numbered container						6/11/90	RW
	O) Attach Scope to Rifle						6/11/90	WB
	P) Detach & Attach Scope 20 Times						6/11/90	WB
640	Gallery Target & Test						6-11-90	DH
	A) Time						6-11-90	DH
	B) Malfunctions						6-11-90	DH
	C) Pierced Primers						6-11-90	DH
	D) Optical Clarity of Scope						6-11-90	DH
645	Inspect for Live Ammo						6-11-90	DH
655	Final Inspection							
	A) Headspace						6/13/90	gll
	B) Trigger Pull	2.61	2.73	2.65	2.72	2.68	6/13/90	BS
	C) Function						6/13/90	gll
660	Pack						6-19-90	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 06498868

DATE 6/8/90

TESTER JK

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.32	2.43	2.40	2.61	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.43	2.47	2.46	2.73	
PULL #3	2.30	2.46	2.36	2.65	
PULL #4	2.41	2.43	2.44	2.72	
PULL #5	2.46	2.44	2.43	2.68	
TOTAL	11.92	12.23	12.09		
AVG.	2.384	2.446	2.418		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.43	3.48		
PULL #2	3.42	3.47		
PULL #3	3.44	3.41		
PULL #4	3.45	3.47		
PULL #5	3.45	3.27		
TOTAL	17.19	17.10		
AVG.	3.438	3.42		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.40	4.32		4.33
PULL #2	4.19	4.31		4.33
PULL #3	4.11	4.10		4.37
PULL #4	4.29	4.24		4.33
PULL #5	4.35	4.30		4.37
TOTAL	21.34	21.27		21.73
AVG.	4.268	4.254		4.346

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6498868
12 Jun 1990

CENTROIDAL DISTANCES

0 TO	1	.597452
1 TO	2	1.02168
1 TO	3	.866443
1 TO	4	1.52308
1 TO	5	.904035

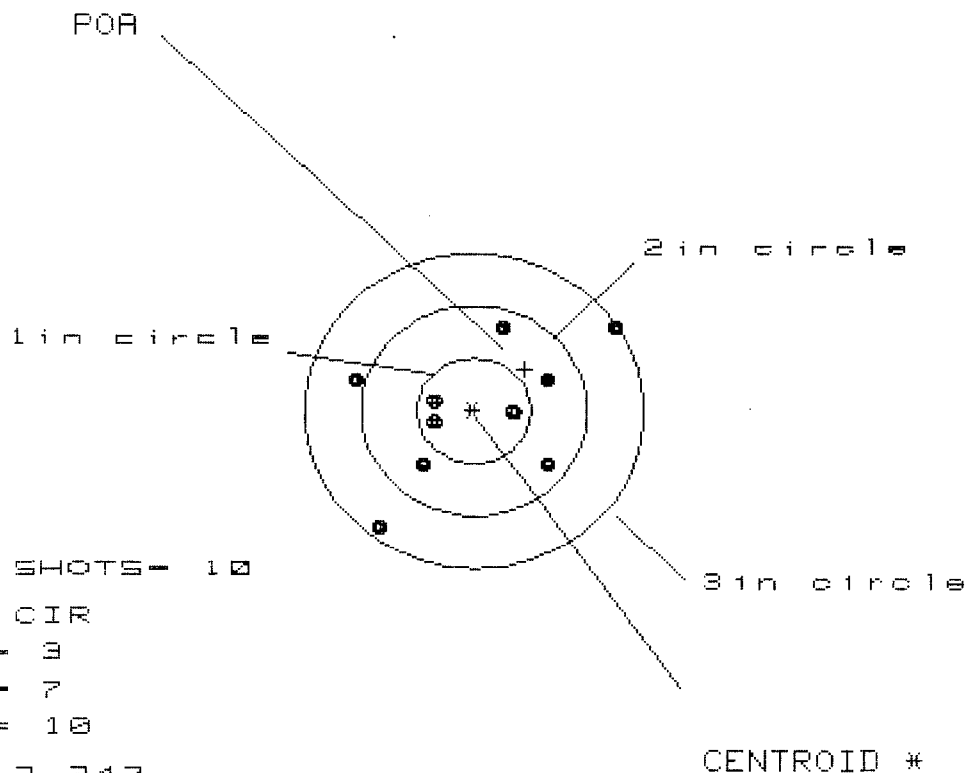
1 + 2 4 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3878
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2604
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .467116
THE AMR FOR THIS RIFLE IS: .7556

11 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C649B868

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 10

HS= 2.242

VS= 1.847

GS= 2.778

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.219	.767	.676
MINIMUM X	:	-1.023	-.888	-.979
MAXIMUM Y	:	.763	.847	.722
MINIMUM Y	:	-1.084	-1.000	-.547
CENTROID X	:	-.450	-.585	-.494
CENTROID Y	:	-.393	-.477	-.352
POA TO CENTROID in.	:	.598	.755	.606
MIN RADIUS	:	.355	.200	.335
MEAN RADIUS	:	.796	.708	.640
MAX RADIUS	:	1.431	1.240	1.009
HORIZONTAL SPREAD	:	2.242	1.655	1.655
VERTICAL SPREAD	:	1.847	1.847	1.269
EXTREME SPREAD	:	2.778	2.146	1.834
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	10		

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CENTERFIRE PATTERNS

2

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS - 10

IN CIR

1 in = 3

2 in = 6

3 in = 10

HS = 1.973

VS = 2.697

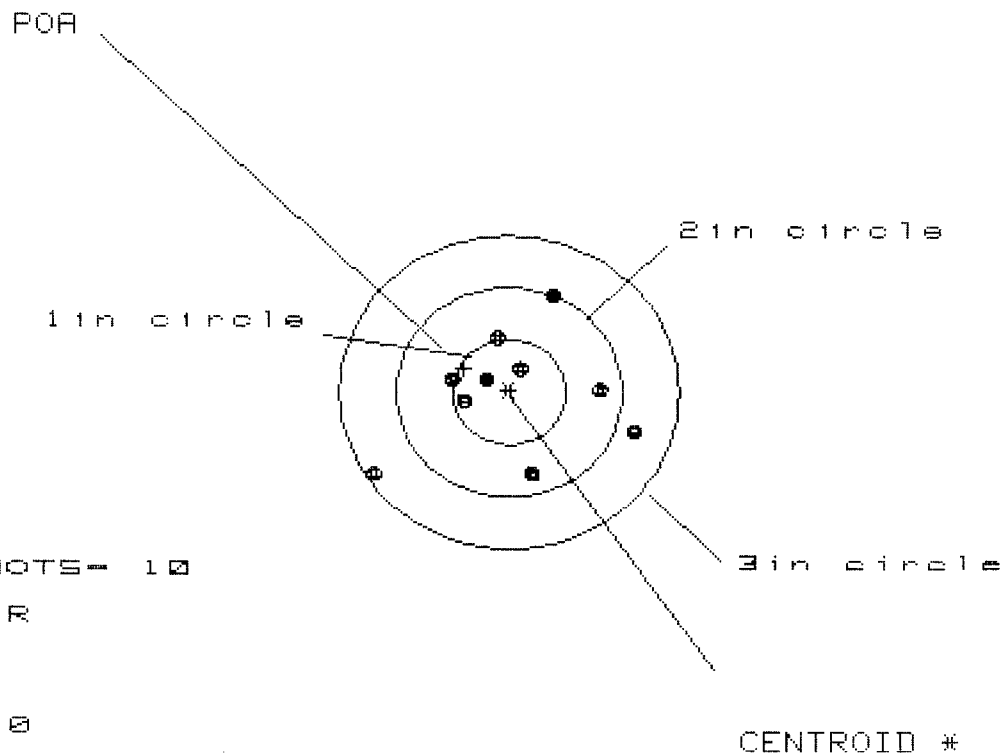
GS = 2.744

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.138	1.175	1.157
MINIMUM X	:	-.835	-.798	-.816
MAXIMUM Y	:	1.383	1.109	.964
MINIMUM Y	:	-1.314	-1.161	-.554
CENTROID X	:	.569	.532	.550
CENTROID Y	:	-.467	-.620	-.475
POA TO CENTROID in.	:	.736	.817	.726
MIN RADIUS	:	.203	.164	.182
MEAN RADIUS	:	.801	.715	.657
MAX RADIUS	:	1.421	1.366	1.263
HORIZONTAL SPREAD	:	1.973	1.973	1.973
VERTICAL SPREAD	:	2.697	2.270	1.518
EXTREME SPREAD	:	2.744	2.363	2.228
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 3

2in = 7

3in = 10

HS= 2.285

VS= 1.683

GS= 2.310

CENTROID #

PATTERN #	:	3	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.067	.932	.735
MINIMUM X	:	-1.218	-.638	-.521
MAXIMUM Y	:	.934	.853	.793
MINIMUM Y	:	-.749	-.830	-.890
CENTROID X	:	.400	.535	.418
CENTROID Y	:	-.225	-.144	-.084
POA TO CENTROID in.	:	.458	.554	.427
MIN RADIUS	:	.232	.148	.098
MEAN RADIUS	:	.707	.623	.534
MAX RADIUS	:	1.419	1.046	.906
HORIZONTAL SPREAD	:	2.285	1.570	1.256
VERTICAL SPREAD	:	1.683	1.683	1.683
EXTREME SPREAD	:	2.310	1.693	1.693
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	10		

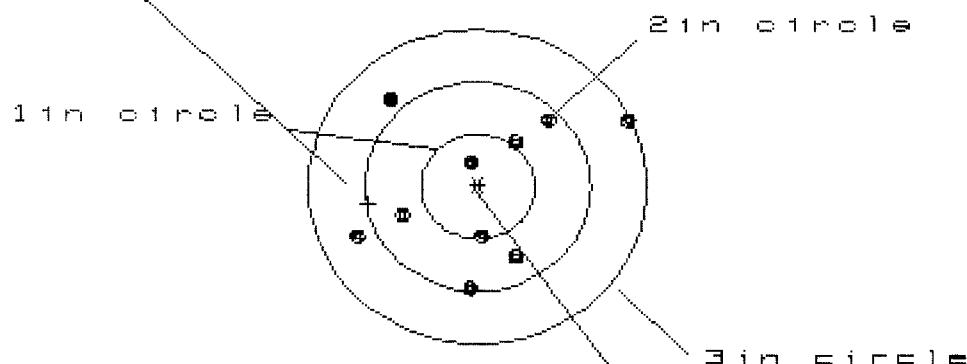
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CENTERFIRE PATTERNS

4

POA



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 10

HS= 2.385

VS= 1.749

GS= 2.626

CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.308	.799	.683
MINIMUM X	:	-1.077	-.931	-.705
MAXIMUM Y	:	.814	.886	.839
MINIMUM Y	:	-.935	-.863	-.910
CENTROID X	:	.966	.821	.937
CENTROID Y	:	.168	.096	.143
POA TO CENTROID in.	:	.981	.827	.948
MIN RADIUS	:	.216	.311	.240
MEAN RADIUS	:	.834	.755	.714
MAX RADIUS	:	1.461	1.092	1.096
HORIZONTAL SPREAD	:	2.385	1.730	1.388
VERTICAL SPREAD	:	1.749	1.749	1.749
EXTREME SPREAD	:	2.626	2.061	1.857
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 4

2in = 8

3in = 10

HS= 1.771

VS= 1.634

GS= 1.899

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.147	.532	.574
MINIMUM X	:	-.624	-.497	-.430
MAXIMUM Y	:	.917	.851	.334
MINIMUM Y	:	-.717	-.783	-.677
CENTROID X	:	.454	.327	.260
CENTROID Y	:	-.385	-.319	-.425
POA TO CENTROID in.	:	.595	.456	.498
MIN RADIUS	:	.355	.218	.186
MEAN RADIUS	:	.640	.523	.448
MAX RADIUS	:	1.294	1.004	.729
HORIZONTAL SPREAD	:	1.771	1.029	1.004
VERTICAL SPREAD	:	1.634	1.634	1.011
EXTREME SPREAD	:	1.899	1.699	1.157
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	