Smead®

*INCLUDES 1 IN CHAMBER

66658B1

UPC

0 47700 25716 7

M2400103753

CONFIDENTIAL SUBJECT TO PROTECTIVE ORDER

ORDER NO. 5716

MODEL 700 TM M24

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. C6665891

20

ORDER NO. 5716

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

5716 C6665891

ORDER 5716
MODEL 700 TM M24
UPC
0 47700 25716 7

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GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6666 5891

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/23/91	KL
600	Proof		9/23/91	KL
607	Check Headspace		9/23/91	KL
610	Dis-assemble Gun		9/23/91	KL
612	Magnaflux Barrel Action		SEP 3 0 1991	KR
	Magnaflux Bolt		SEP 3 0 1991	KR
615	Rollmark Caliber		SEP 3 0 1991	KB
617	Drill and Tap Sight Holes		SEP 3 0 1991	KB
618	Polish Barrel		OCT 2 1991	WB
620	Apply Coatings (Barrel Action)		10/2/91	KL
	Apply Coating (Bolt)		10/2/91	KL
625	Final Assembly A) Clean inside of Bolt Assembly		10/9/91	KL
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/9/91	KL
	C) Inspect Ejector Hole for Chamfer		10/9/91	KL
	D) Oil Firing Pin Ass'y		10/9/91	KL
	E) Adjust Trigger Pull to Min Setting and Stake		10-10-91	DH

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	5	5	6	10-10-91	AC
	G) Safety Off Force	4	4	4	10-10-91	AC
	H) Trigger Pull Test & Retainability				10-16-91	DH
	I) Firing Pin Indent	.020	.021	.021	10-10-91	AC
	J) Assemble Stock				10/14/91	KL
	K) Assemble Swivel Studs				10-17-96	AC
	L) Attach Front and Rear Sight Assemblies				10/14/91	KL
	M) Iron Sight Alignment				10/14/91	KL
	N) Detach Front & Rear Sights & place in numbered container				10/14/91	KL
	O) Attach Scope to Rifle				10/14/91	KL
	P) Detach & Attach Scope 20 Times				10/14/91	KL
640	Gallery Target & Test				10-15-91	N
	A) Time				"	N
	B) Malfunctions				"	N
	C) Pierced Primers				"	N
	D) Optical Clearity of Scope				"	N
645	Inspect for Live Ammo				10-15-91	N
655	Final Inspection A) Headspace				10-17-91	AC
	B) Trigger Pull	2.43	2.47	2.47	2.59	2.13	10-16-91	DH
	C) Function				10-17-91	AC
660	Pack				12-17-91	N

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SWS TRIGGER PULL TEST

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

SERIAL NO. C666589/

DATE 10-10-91

TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.41	2.39	2.32	2.43	MIN. SETTING,
PULL #2	2.39	2.48	2.42	2.47	NO AVG. OF 5
PULL #3	2.34	2.49	2.67	2.47	READINGS ACCEPT-
PULL #4	2.34	2.48	2.72	2.59	ABLE LESS THAN 2#
PULL #5	2.48	2.38	2.65	2.13	
TOTAL					
AVG.					

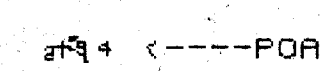
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.29	3.15		
PULL #2	3.34	3.07		
PULL #3	3.20	3.03		
PULL #4	3.03	3.07		
PULL #5	3.17	3.10		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.51	4.63		4.61
PULL #2	4.51	4.64		4.57
PULL #3	4.59	4.70		4.51
PULL #4	4.70	4.60		4.11
PULL #5	4.56	4.53		4.69
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665891
15 Oct 1991

CENTROIDAL DISTANCES

0	TO	1	.439739
1	TO	2	.632267
1	TO	3	.144669
1	TO	4	.385156
1	TO	5	.313818



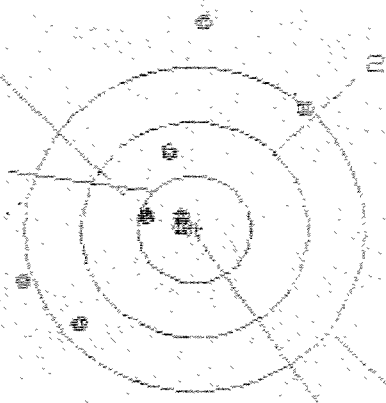
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3154
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0144
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .315729

THE AMR FOR THIS RIFLE IS: 1.097

15 Oct 1991 FILE: /PATTERNING/CENTERFIRE_PATT/C0665@B

CENTERFIRE PATTERNS # 1

FOR

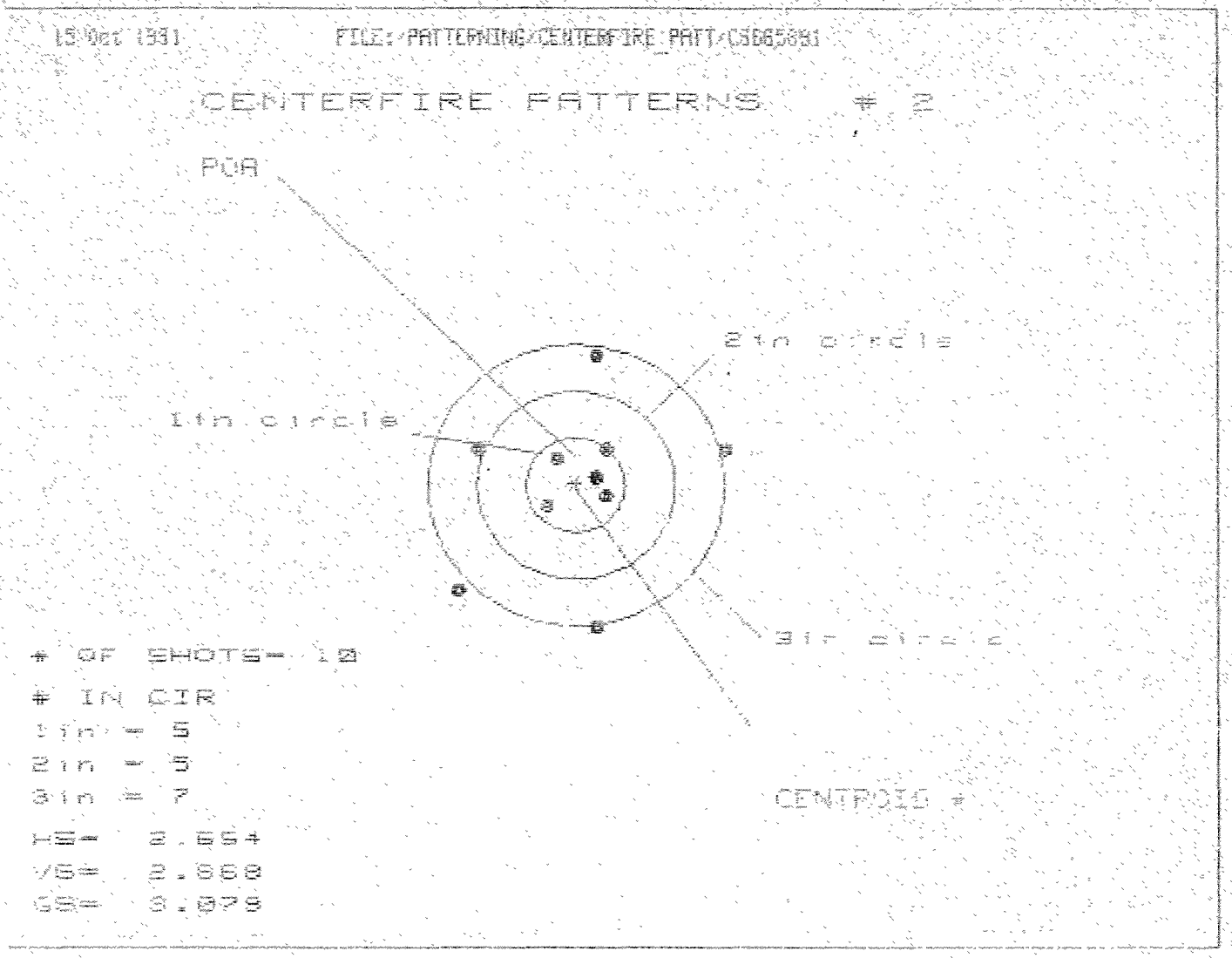


OF SHOTS= 10

# IN CIR
1in = 3
2in = 4
3in = 8

MG= 5.423
MB= 3.886
GE= 6.859

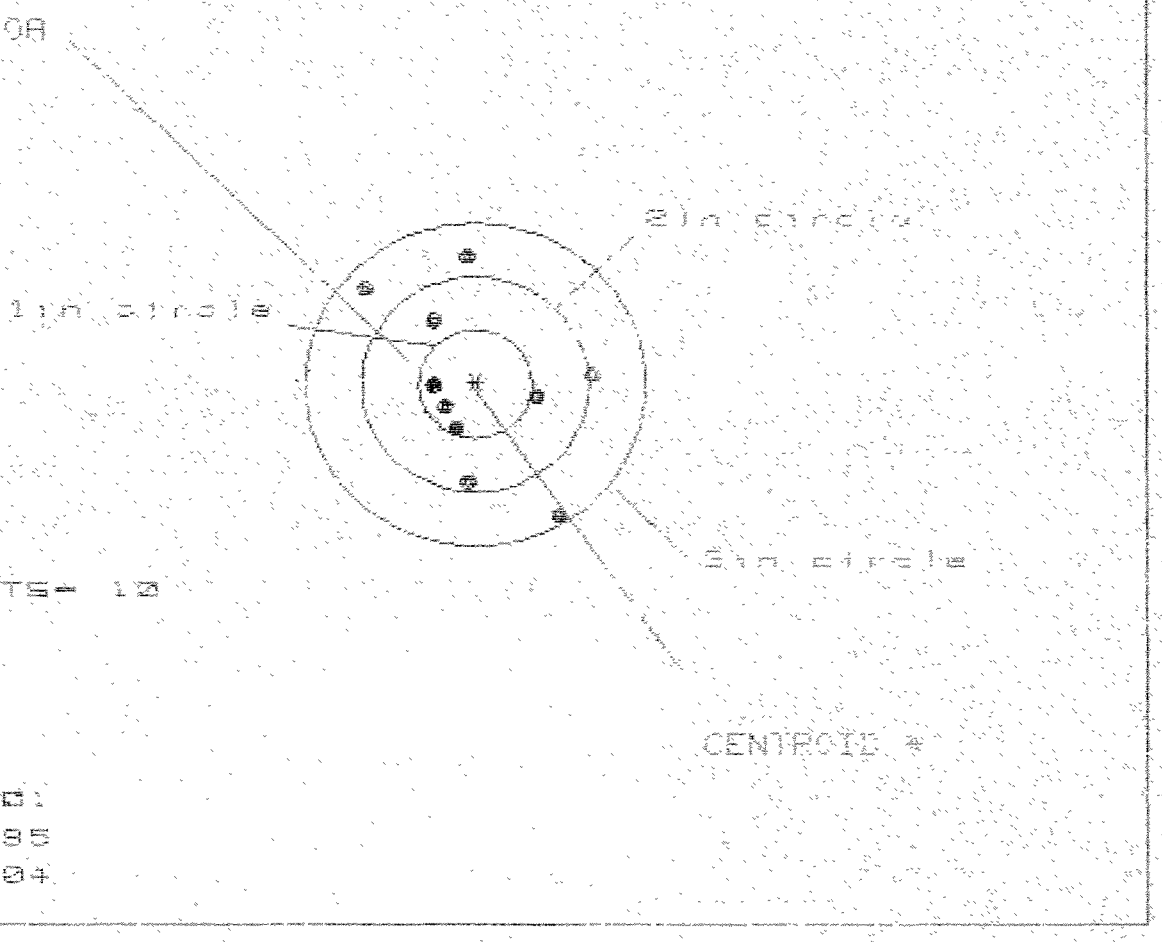
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM W	:	4.048	1.474	1.275
MINIMUM W	:	-2.075	-1.592	-1.284
MAXIMUM V	:	1.883	1.805	1.543
MINIMUM V	:	-2.023	-2.101	-1.788
CENTROID W	:	.421	-.062	.152
CENTROID V	:	-.127	.049	.213
AVE TO CENTROID IN:	:	.439	.079	.253
MIN RADIUS	:	.099	.107	.235
MEAN RADIUS	:	1.510	1.141	.919
MAX RADIUS	:	4.404	2.625	1.581
AVE CENTER SPREAD	:	6.423	3.066	2.799
EXTREME SPREAD	:	3.886	3.908	2.731
CIRCULAR SPREAD	:	5.859	4.474	3.017
MOST SHOTS IN 1in CIRCLE	=		3	
MOST SHOTS IN 2in CIRCLE	=		4	
MOST SHOTS IN 3in CIRCLE	=		5	



PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.501	1.369	.382
MINIMUM X	:	-1.193	-1.141	-.970
MAXIMUM Y	:	1.363	1.243	1.230
MINIMUM Y	:	-1.505	-1.625	-1.569
CENTROID X	:	-.210	-.078	-.249
CENTROID Y	:	-.087	.033	.004
POA TO CENTROID	:	.227	.084	.249
MEAN RADIUS	:	.243	.086	.248
TEAM RADIUS	:	.898	.730	.718
HE RADIUS	:	1.606	1.626	1.604
HORIZONTAL SPREAD	:	2.694	2.510	1.352
VERTICAL SPREAD	:	2.868	2.868	2.868
DIAGONAL SPREAD	:	3.878	2.868	2.868
[illegible] IN/ON 1ROLE	=	5		
[illegible] IN/ON 2IRCLE	=	5		
[illegible] IN/ON 3IRCLE	=	7		

15 Oct (99) FILE: PATTERNING/CENTERFIRE_PATT/C8665B9

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

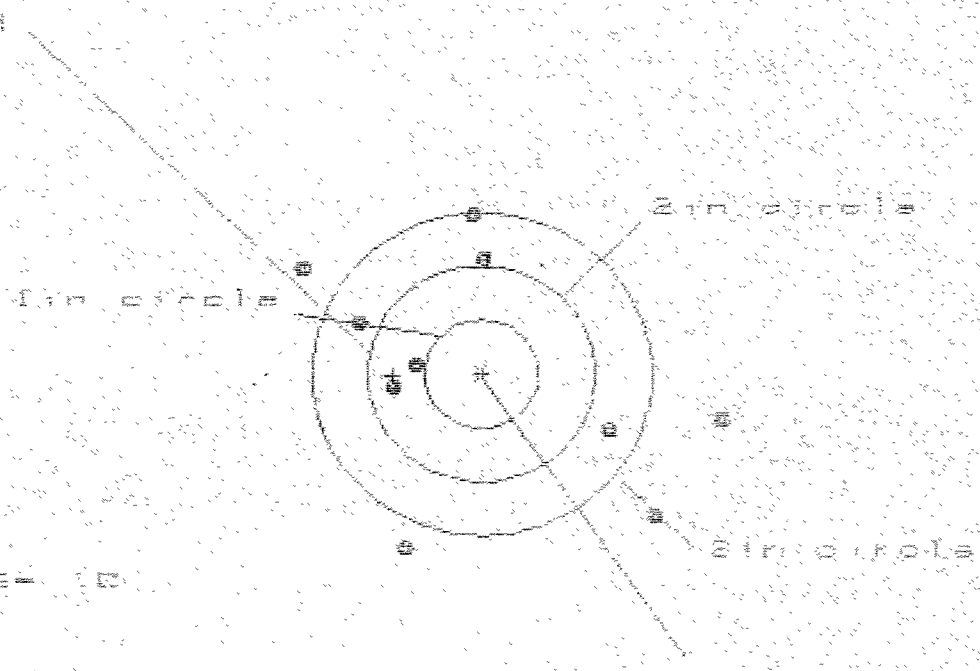
# IN CIR
1in = 3
2in = 5
3in = 10

MS= 3.005
VS= 2.885
CS= 2.704

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM Y	:	1.001	1.081	.966
MINIMUM X	:	-1.000	-.920	-.412
MAXIMUM Y	:	1.203	1.070	1.166
MINIMUM Y	:	-1.192	-1.056	-.985
CENTROID X	:	.369	.289	.454
CENTROID Y	:	.008	.141	.045
POA TO CENTROID (in.)	:	.369	.322	.467
MIN RADIUS	:	.323	.318	.374
MEAN RADIUS	:	.829	.764	.702
MAX RADIUS	:	1.391	1.197	1.169
HORIZONTAL SPREAD	:	2.001	2.001	1.378
VERTICAL SPREAD	:	2.395	2.126	2.126
EXTREME SPREAD	:	2.704	2.143	2.128
NUMBER IN 1ST INCH CIRCLE	=		3	
NUMBER IN 2ND INCH CIRCLE	=		6	
NUMBER IN THIRD INCH CIRCLE	=		10	

15 Oct 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6B6583J

CENTERFIRE PATTERNS # 4



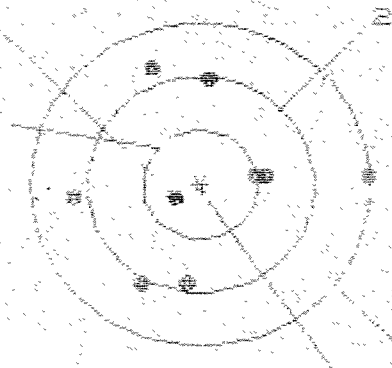
# OF SHOTS= 10
# IN CIR
1in = 0
2in = 3
3in = 6
HS= 3.645
VS= 3.598
GS= 3.807

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.099	1.758	1.0625
MINIMUM X	:	-1.548	-1.315	-1.095
MAXIMUM Y	:	1.470	1.421	1.345
MINIMUM Y	:	-1.628	-1.677	-1.859
CENTROID X	:	.777	.544	.324
CENTROID Y	:	.020	.069	.245
POA TO CENTROID (in)	:	.777	.548	.408
MIN RADIUS	:	.624	.387	.220
MEAN RADIUS	:	1.425	1.284	1.098
MAX RADIUS	:	2.145	2.250	1.869
HORIZONTAL SPREAD	:	3.646	3.373	2.720
VERTICAL SPREAD	:	3.099	3.090	3.089
EXTREME SPREAD	:	3.907	3.846	3.456
SHOTS IN POA	:		0	
SHOTS IN 1in CIRCLE	=		2	
SHOTS IN 2in CIRCLE	=		6	

15 Oct 1991 FILE:/PATTERNING/CENTERFIRE_PATT/CS863891

CENTERFIRE PATTERNS # 5

POR



# OF SHOTS= 12
# IN CIR
1in = 3
2in = 6
3in = 10
HS= 3.5-6
VS= 1.884
CS= 2.553

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.428	.776	.758
MINIMUM X	-1.103	-.943	-.974
MAXIMUM Y	1.052	1.062	1.097
MINIMUM Y	-.936	-.902	-.795
CENTROID X	.220	.068	.026
CENTROID Y	.114	.110	-.021
POR TO CENTROID (R)	.241	.125	.059
MIN RADIUS	.211	.109	.052
MEAN RADIUS	.821	.739	.664
MAX RADIUS	1.409	1.083	1.128
HORIZONTAL SPREAD	2.545	1.724	1.731
VERTICAL SPREAD	1.994	1.994	1.942
DIAGONAL SPREAD	2.533	2.097	1.960
NUMBER IN 1 INCH CIRCLE	2	3	
NUMBER IN 2 INCH CIRCLE	10	6	
NUMBER IN 3 INCH CIRCLE	10	10	