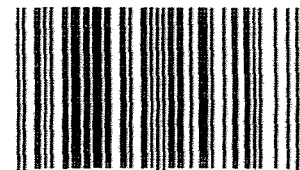


Smead®

FORM

UPC



0 47700 25716 7

C6649050

*INCLUDES 1 IN CHAMBER

CAPACITY*

BARREL LENGTH

MODEL 700 TM M24

ORDER NO.

5716

Remington		DU PONT REG. U.S. PAT. & TM. OFF.	VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700™ M24			SERIAL NO. C6649060
		20	ORDER NO. 5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off, Marca Registrada Marque Deposee.			



5716 C6649060

ORDER 5716
MODEL 700™ M24
UPC



0 47700 25716 7

ORDER 5716
MODEL 700™ M24
UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649060

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 26	91	RW
600	Proof	9 26	91	RW
607	Check Headspace	9 26	91	RW
610	Dis-assemble Gun	9 26	91	RW
612	Magnaflux Barrel Action	OCT	3 1991	KCR
	Magnaflux Bolt	OCT	3 1991	KCR
615	Rollmark Caliber	OCT	3 1991	CS
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	JA
	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		11-25-91	JK

op. #	OP. NAME	READINGS					DATE	INIT
	BARBER M24 0031188							
625 cont.	F) Safety On Force	5	5	5			11-26-91	JI
	G) Safety Off Force	3	3	3			11-26-91	JI
	H) Trigger Pull Test & Retainability						11-25-91	JI
	I) Firing Pin Indent	.0215	.021	.0215			11-26-91	JI
	J) Assemble Stock						12/2/91	RW
	K) Assemble Swivel Studs						12-6-91	AK
	L) Attach Front and Rear Sight Assemblies						12/2/91	RW
	M) Iron Sight Alignment						12/2/91	RW
	N) Detach Front & Rear Sights & place in numbered container						12/2/91	RW
	O) Attach Scope to Rifle						12/2/91	RW
	P) Detach & Attach Scope 20 Times						12/2/91	RW
640	Gallery Target & Test						12-2-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						12-2-91	NF
655	Final Inspection							
	A) Headspace						12-6-91	AK
	B) Trigger Pull	2.37	2.34	2.34	2.35	2.37	12-3-91	AK
	C) Function						12-6-91	AK
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-6649060DATE 11-25-91TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.35	2.22	2.48	2.37	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.31	2.50	2.51	2.34	
PULL #3	2.28	2.52	2.54	2.34	
PULL #4	2.58	2.55	2.38	2.35	
PULL #5	2.48	2.46	2.44	2.37	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.50	3.67		
PULL #2	3.67	3.67		
PULL #3	3.68	3.48		
PULL #4	3.66	3.69		
PULL #5	3.67	3.66		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.37	4.31		4.35
PULL #2	4.42	4.35		4.43
PULL #3	4.20	4.38		4.39
PULL #4	4.30	4.33		4.42
PULL #5	4.39	4.32		4.39
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06649060
3 Dec 1991

CENTROIDAL DISTANCES

0 TO	1	.156029
1 TO	2	.18941
1 TO	3	.105019
1 TO	4	.54434
1 TO	5	.337338

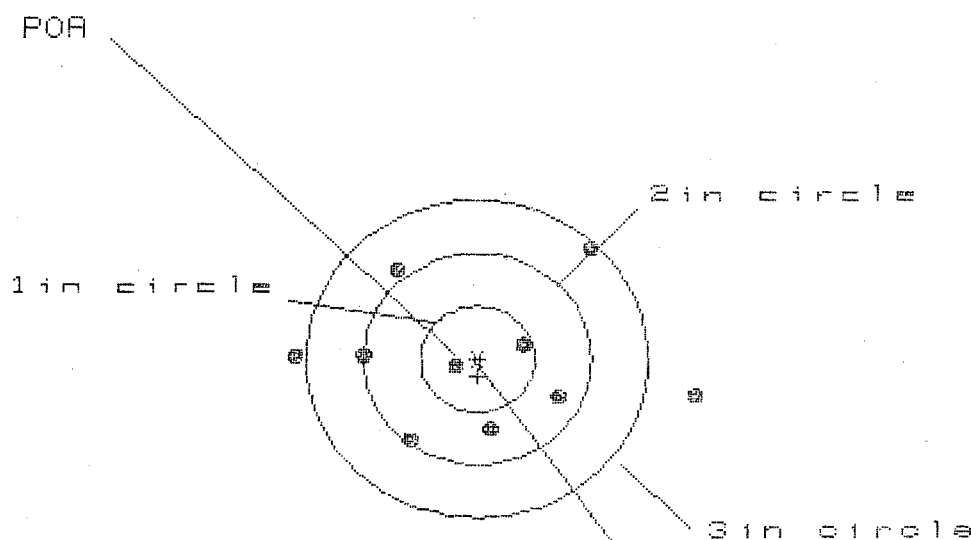
3.4
4 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0052
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0082
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .00970979
THE AMR FOR THIS RIFLE IS: .9888

3 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649060

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

HS = 3.488

VS = 1.845

GS = 3.513

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.901	1.214	1.042
MINIMUM X	-1.587	-1.376	-.916
MAXIMUM Y	1.066	1.028	1.032
MINIMUM Y	-.779	-.817	-.813
CENTROID X	-.003	-.214	-.042
CENTROID Y	.156	.194	.189
POA TO CENTROID in.	.156	.289	.194
MIN RADIUS	.246	.100	.220
MEAN RADIUS	1.020	.898	.835
MAX RADIUS	1.931	1.591	1.467
HORIZONTAL SPREAD	3.488	2.590	1.958
VERTICAL SPREAD	1.845	1.845	1.845
EXTREME SPREAD	3.513	2.773	2.461
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

3 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6B49060

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS = 10

IN CIR

1in = 2

2in = 7

3in = 9

HS = 2.615

VS = 1.917

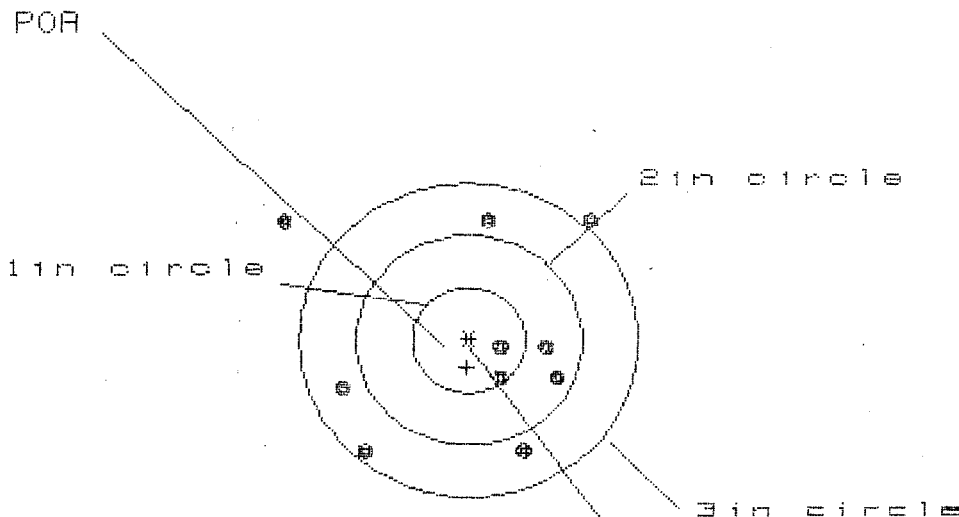
GS = 2.621

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.570	.616	.507
MINIMUM X	:	-1.045	-.870	-.373
MAXIMUM Y	:	.756	.814	.909
MINIMUM Y	:	-1.161	-1.103	-1.008
CENTROID X	:	.067	-.108	.001
CENTROID Y	:	-.020	-.078	-.173
POA TO CENTROID in.	:	.070	.133	.173
MIN RADIUS	:	.281	.164	.127
MEAN RADIUS	:	.809	.697	.623
MAX RADIUS	:	1.655	1.153	1.010
HORIZONTAL SPREAD	:	2.615	1.486	.880
VERTICAL SPREAD	:	1.917	1.917	1.917
EXTREME SPREAD	:	2.621	2.070	1.920
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			7	
NUMBER IN THREE INCH CIRCLE =			9	

3 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8649060

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 2

2in = 4

3in = 8

HS= 2.663

VS= 2.273

GS= 3.068

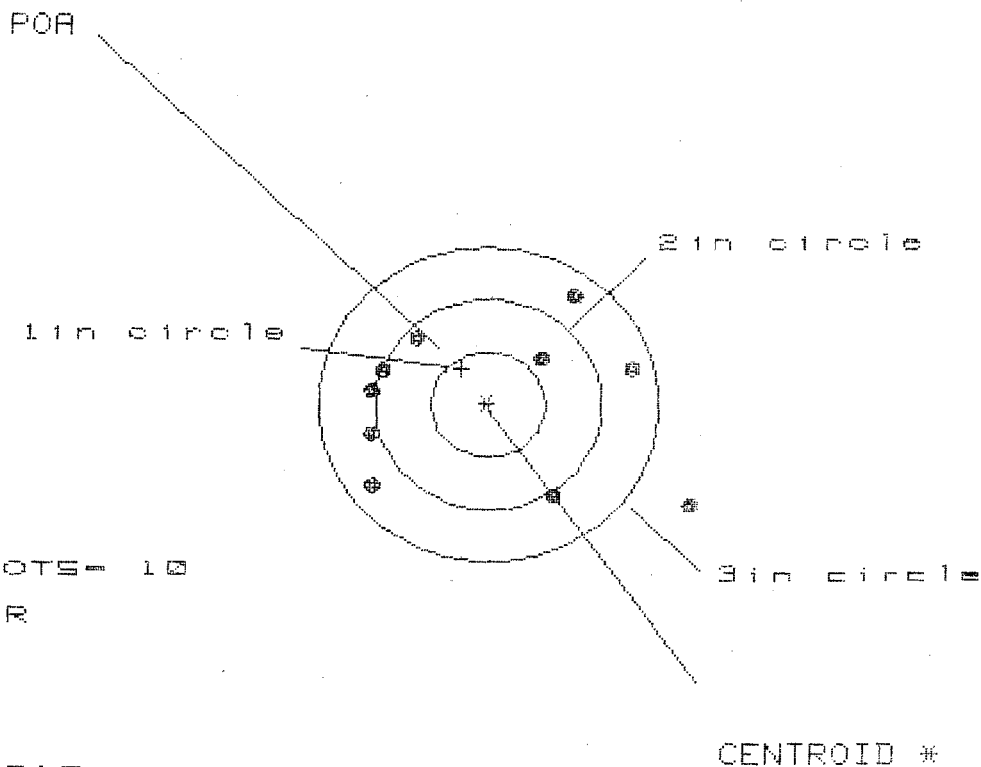
CENTROID #

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.073	.897	.697
MINIMUM X	-1.590	-1.337	-1.225
MAXIMUM Y	1.180	1.289	1.444
MINIMUM Y	-1.093	-.962	-.807
CENTROID X	.022	.198	.086
CENTROID Y	.258	.127	-.028
POA TO CENTROID in.	.259	.235	.090
MIN RADIUS	.271	.094	.247
MEAN RADIUS	1.073	.897	.830
MAX RADIUS	1.979	1.529	1.449
HORIZONTAL SPREAD	2.663	2.234	1.922
VERTICAL SPREAD	2.273	2.251	2.251
EXTREME SPREAD	3.068	2.909	2.434
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

3 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649050

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 4

3 in = 9

HS= 2.810

VS= 2.045

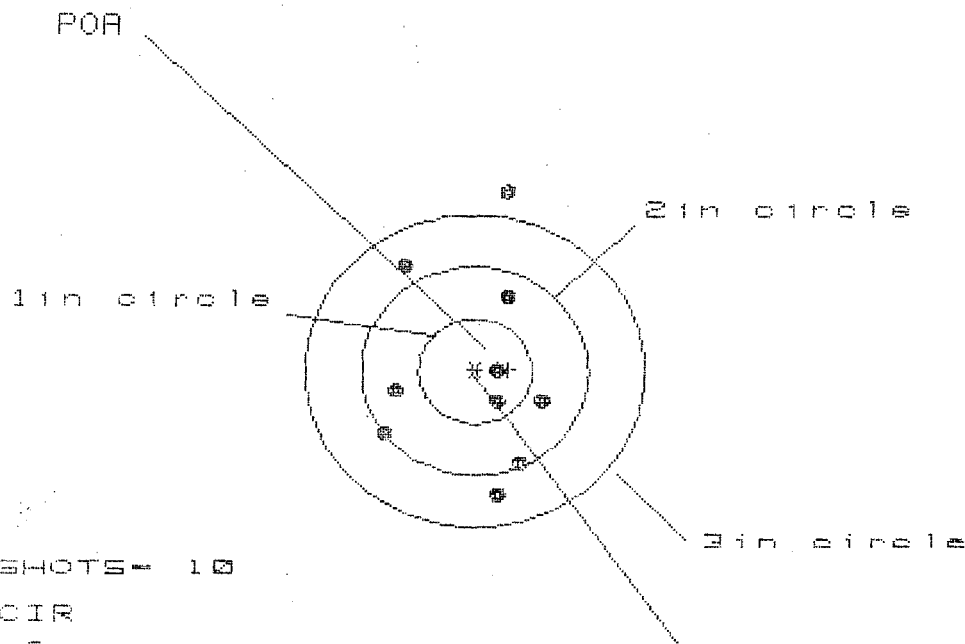
GS= 3.028

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.734	1.434	1.325
MINIMUM X	:	-1.077	-.884	-.993
MAXIMUM Y	:	1.079	.971	.858
MINIMUM Y	:	-.966	-.945	-1.058
CENTROID X	:	.232	.039	.148
CENTROID Y	:	-.335	-.227	-.114
POA TO CENTROID in.	:	.407	.231	.187
MIN RADIUS	:	.614	.691	.582
MEAN RADIUS	:	1.153	1.025	.990
MAX RADIUS	:	1.985	1.447	1.328
HORIZONTAL SPREAD	:	2.810	2.318	2.318
VERTICAL SPREAD	:	2.045	1.916	1.916
EXTREME SPREAD	:	3.028	2.587	2.361
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

3 Dec 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649060

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 9

HS= 1.353

VS= 2.922

GS= 2.922

CENTROID *

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.594	.623	.653
MINIMUM X	-.759	-.730	-.700
MAXIMUM Y	1.699	1.211	1.082
MINIMUM Y	-1.223	-1.034	-.844
CENTROID X	-.292	-.321	-.351
CENTROID Y	-.018	-.207	-.078
POA TO CENTROID in.	.293	.382	.360
MIN RADIUS	.206	.232	.274
MEAN RADIUS	.889	.773	.742
MAX RADIUS	1.719	1.353	1.224
HORIZONTAL SPREAD	1.353	1.353	1.353
VERTICAL SPREAD	2.922	2.245	1.926
EXTREME SPREAD	2.922	2.398	2.169
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		