

C6523411

MODEL 700™ M24

Model **S&S**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

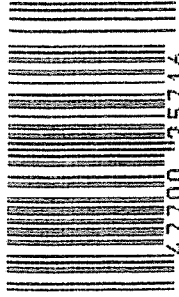
Remington

Remington  REG. U.S. PAT. & TM. OFF.		VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700™ H2A	SERIAL NO. C6523411	ORDER NO. 5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.		



5716 C6523411

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6523411

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/4/90	KH
600	Proof		10/4/90	KH
607	Check Headspace		10/4/90	KH
610	Dis-assemble Gun		10/4/90	KH
612	Magnaflux Barrel Action		10/4/90	KR
	Magnaflux Bolt		10/4/90	KR
615	Rollmark Caliber		10/4/90	LS
617	Drill and Tap Sight Holes		10/4/90	FB
618	Polish Barrel RB		10/12/90	WB
620	Apply Coatings (Barrel Action)		10-12-90	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/7/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/7/90	KS
	C) Inspect Ejector Hole for Chamfer		11/7/90	KS
	D) Oil Firing Pin Ass'y		11/7/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		11-7-90	JH

BARBER - M24 0027605

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	3 1/2	3.3/4	4.0			11/4/90	KT
	G) Safety Off Force	2.1/4	2.1/2	2.1/2			11/4/90	KT
	H) Trigger Pull Test & Retainability						11-7-90	JH
	I) Firing Pin Indent	.024	.025	.024			11/2/90	KT
	J) Assemble Stock						11/8/90	KS
	K) Assemble Swivel Studs					11-19-90	11/8/90	DH
	L) Attach Front and Rear Sight Assemblies						11/8/90	KS
	M) Iron Sight Alignment						11/8/90	KS
	N) Detach Front & Rear Sights & place in numbered container						11/8/90	KS
	O) Attach Scope to Rifle						11/8/90	KS
	P) Detach & Attach Scope 20 Times						11/8/90	KS
640	Gallery Target & Test						11-9-90	DH
	A) Time						11-9-90	DH
	B) Malfunctions						11-9-90	AC
	C) Pierced Primers						11-9-90	AC
	D) Optical Clarity of Scope						11-9-90	AC
645	Inspect for Live Ammo						11-9-90	AC
655	Final Inspection							
	A) Headspace						11-19-90	DH
	B) Trigger Pull	228	235	236	244	239	11-19-90	DH
	C) Function						11-19-90	DH
660	Pack						12-17-90	DH

EXTRACTOR
Bad

Chip in Stock
on Fore End
Near Barrel Channel

Repaired

12/13/90

Kin

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 06523411

DATE 11-7-90

TESTER JP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.31	2.35	2.22	2.28	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.34	2.34	2.28	2.35	
PULL #3	2.33	2.27	2.30	2.36	
PULL #4	2.29	2.25	2.43	2.44	
PULL #5	2.30	2.27	2.33	2.39	
TOTAL	11.57	11.48	11.56		
AVG.	2.314	2.296	2.312		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.37	3.16		
PULL #2	3.28	3.16		
PULL #3	3.23	3.24		
PULL #4	3.16	3.20		
PULL #5	3.22	3.32		
TOTAL	16.26	16.08		
AVG.	3.252	3.216		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.44	4.13		4.21
PULL #2	4.38	4.23		4.24
PULL #3	4.31	4.10		4.14
PULL #4	4.32	4.18		4.19
PULL #5	4.34	4.23		4.19
TOTAL	21.79	20.87		20.97
AVG.	4.358	4.174		4.194

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523411
9 Nov 1990

CENTROIDAL DISTANCES

0 TO	1	.382896
1 TO	2	.488336
1 TO	3	.866887
1 TO	4	.546824
1 TO	5	.64097

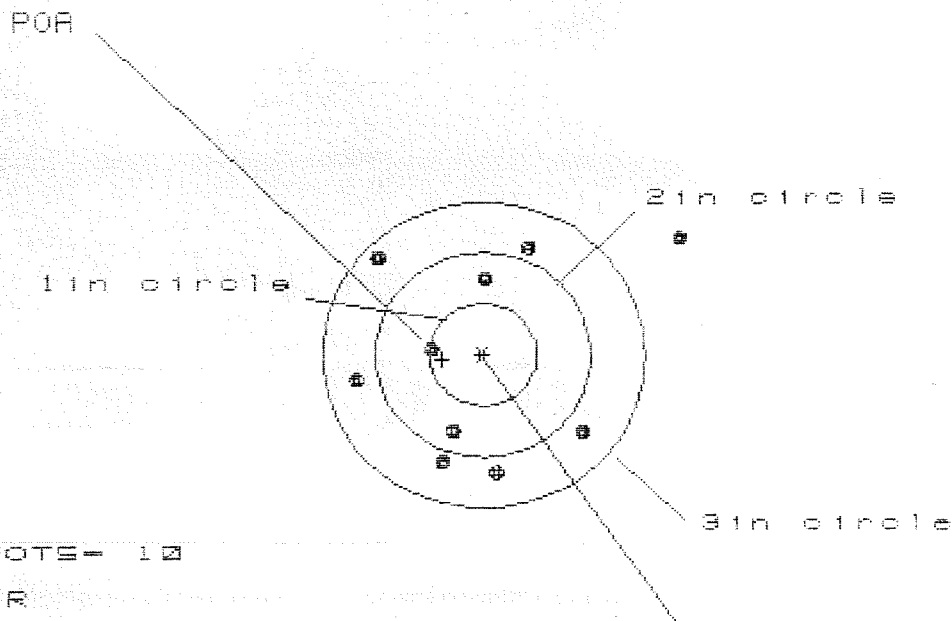
5
#1 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0952
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1282
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .159682
THE AMR FOR THIS RIFLE IS: .9482

9 May 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6523411

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1in = 0

2in = 3

3in = 8

HS = 2.980

VS = 2.301

GS = 3.262

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.830	1.134	1.036
MINIMUM X	-1.150	-0.946	-1.044
MAXIMUM Y	1.128	1.193	1.322
MINIMUM Y	-1.173	-1.048	-0.919
CENTROID X	.380	.176	.274
CENTROID Y	.047	-.078	-.207
POA TO CENTROID in.	.383	.193	.343
MIN RADIUS	.514	.348	.499
MEAN RADIUS	1.142	.986	.939
MAX RADIUS	2.150	1.338	1.416
HORIZONTAL SPREAD	2.980	2.080	2.080
VERTICAL SPREAD	2.301	2.241	2.241
EXTREME SPREAD	3.262	2.497	2.301
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	9		

9 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8523411

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 6

CENTROID *

HS = 2.632

VS = 2.953

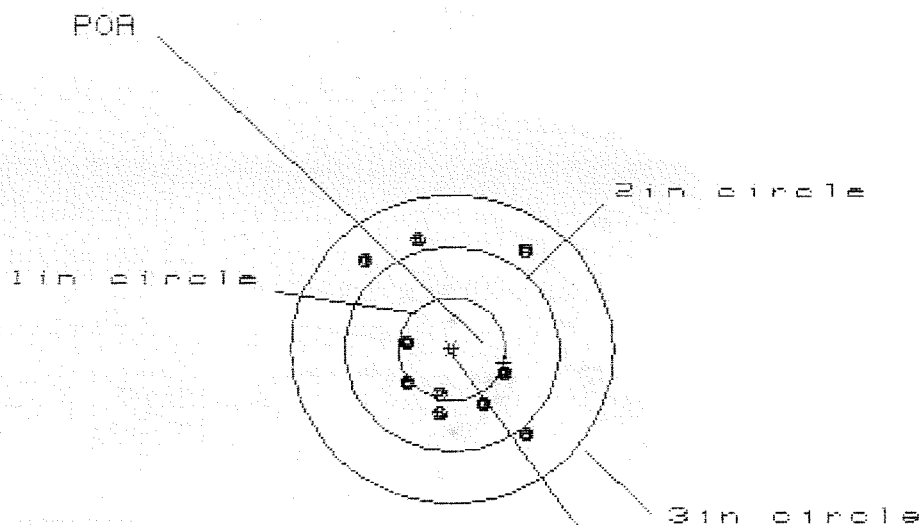
GS = 3.175

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.321	1.172	.787
MINIMUM X	:	-1.311	-1.164	-1.017
MAXIMUM Y	:	1.475	1.350	1.486
MINIMUM Y	:	-1.478	-1.603	-1.467
CENTROID X	:	-.086	-.233	-.380
CENTROID Y	:	.193	.318	.182
POA TO CENTROID in.	:	.212	.394	.421
MIN RADIUS	:	.300	.451	.417
MEAN RADIUS	:	1.153	1.085	.994
MAX RADIUS	:	1.732	1.675	1.598
HORIZONTAL SPREAD	:	2.632	2.336	1.804
VERTICAL SPREAD	:	2.953	2.953	2.953
EXTREME SPREAD	:	3.175	3.072	3.072
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		6	

9 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8523411

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 10

HS = 1.545

VS = 1.914

GS = 2.311

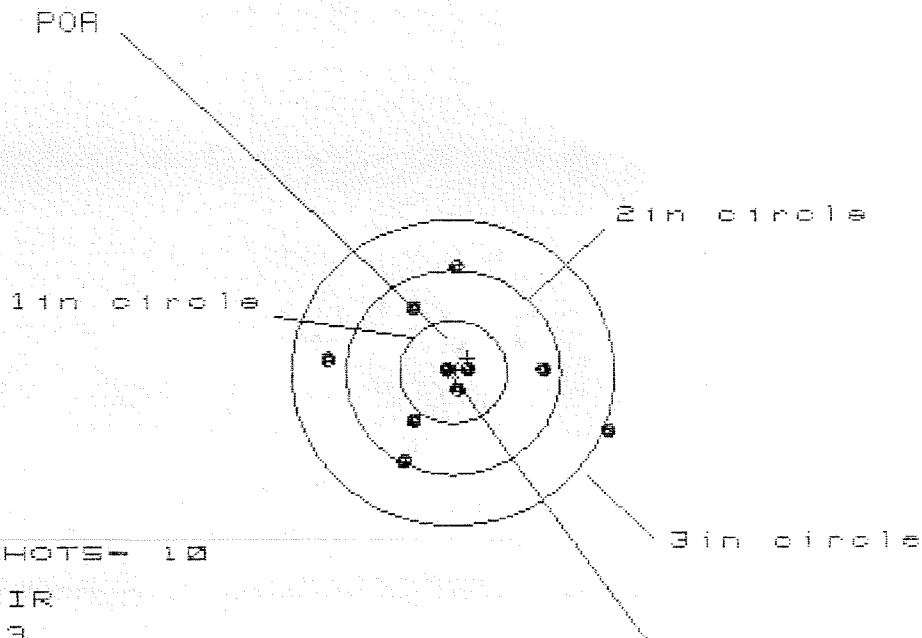
CENTROID *

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.724	.632	.704
MINIMUM X	-.821	-.515	-.443
MAXIMUM Y	1.067	1.164	1.297
MINIMUM Y	-.847	-.750	-.617
CENTROID X	-.483	-.391	-.463
CENTROID Y	.129	.032	-.101
POA TO CENTROID in.	.500	.393	.474
MIN RADIUS	.403	.423	.281
MEAN RADIUS	.780	.710	.603
MAX RADIUS	1.198	1.238	1.344
HORIZONTAL SPREAD	1.545	1.147	1.147
VERTICAL SPREAD	1.914	1.914	1.914
EXTREME SPREAD	2.311	2.186	2.186
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

9 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08523411

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 9

HS= 2.539

VS= 1.909

GS= 2.641

CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.418	.989	.869
MINIMUM X	:	-1.121	-.964	-.462
MAXIMUM Y	:	1.065	1.002	1.013
MINIMUM Y	:	-.844	-.907	-.896
CENTROID X	:	-.136	-.293	-.173
CENTROID Y	:	-.134	-.071	-.082
POA TO CENTROID in.	:	.191	.302	.191
MIN RADIUS	:	.104	.086	.042
MEAN RADIUS	:	.725	.639	.572
MAX RADIUS	:	1.529	1.013	1.014
HORIZONTAL SPREAD	:	2.539	1.953	1.331
VERTICAL SPREAD	:	1.909	1.909	1.909
EXTREME SPREAD	:	2.641	1.971	1.971
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

9 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08523411

CENTERFIRE PATTERNS # 5

POR

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in = 0

2 in = 5

3 in = 9

HS = 2.068

VS = 2.848

GS = 2.988

CENTROID *

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.897	.767	.717
MINIMUM X	-1.171	-.670	-.720
MAXIMUM Y	1.426	1.132	.974
MINIMUM Y	-1.422	-1.264	-1.047
CENTROID X	-.151	-.021	.029
CENTROID Y	.406	.248	.406
POR TO CENTROID in.	.433	.249	.407
MIN RADIUS	.526	.354	.500
MEAN RADIUS	.941	.826	.751
MAX RADIUS	1.845	1.325	1.078
HORIZONTAL SPREAD	2.068	1.437	1.437
VERTICAL SPREAD	2.848	2.396	2.021
EXTREME SPREAD	2.988	2.396	2.141
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	