

C6522282

MODEL 700™ M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.



CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6522282

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	6/25/90	KJ
600	Proof		6/25/90	KJ
607	Check Headspace		6/25/90	KJ
610	Dis-assemble Gun		6/25/90	KJ
612	Magnaflux Barrel Action		7/10/90	KR
	Magnaflux Bolt		7/14/90	KR
615	Rollmark Caliber		7/14/90	LS
617	Drill and Tap Sight Holes		7/11/90	EB
618	Polish Barrel <i>RB</i>		7/13/90	WB
620	Apply Coatings (Barrel Action)		7-23-90	TJH
	Apply Coating (Bolt)			
625	Final Assembly		8/6/90	KS
	A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/6/90	KS
	C) Inspect Ejector Hole for Chamfer		8/6/90	KS
	D) Oil Firing Pin Ass'y		8/6/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		9-6-90	JU

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			8/7/90	81
	G) Safety Off Force	3	3	3			8/7/90	81
	H) Trigger Pull Test & Retainability						9-6-90	84
	I) Firing Pin Indent	.023	.023	.023			8/7/90	84
	J) Assemble Stock						8/7/90	KS
	K) Assemble Swivel Studs						9/8/90	88
	L) Attach Front and Rear Sight Assemblies						8/7/90	KS
	M) Iron Sight Alignment						8/7/90	KS
	N) Detach Front & Rear Sights & place in numbered container						8/7/90	KS
	O) Attach Scope to Rifle						8/7/90	KS
	P) Detach & Attach Scope 20 Times						8/7/90	KS
640	Gallery Target & Test						8-9-90	DA
	A) Time						8-9-90	DA
	B) Malfunctions						8-9-90	DA
	C) Pierced Primers						8-9-90	DA
	D) Optical Clarity of Scope						8-9-90	DA
645	Inspect for Live Ammo						8-9-90	DA
655	Final Inspection							
	A) Headspace						9/8/90	98
	B) Trigger Pull	2.50	2.46	2.29	2.47	2.28	9-6-90	98
	C) Function						9/8/90	98
660	Pack						9/20/90	N

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 06522282

DATE 9-6-90

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.42	2.43	2.28	2.50	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.49	2.32	2.37	2.46	
PULL #3	2.50	2.24	2.22	2.27	
PULL #4	2.51	2.38	2.50	2.47	
PULL #5	2.49	2.32	2.24	2.28	
TOTAL	12.41	11.69	11.61	11.98	
AVG.	2.482	2.338	2.322	2.392	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.45	3.23		
PULL #2	3.49	3.18		
PULL #3	3.20	3.30		
PULL #4	3.50	3.17		
PULL #5	3.20	3.32		
TOTAL	16.84	16.20		
AVG.	3.368	3.24		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.22	4.39		4.46
PULL #2	4.19	4.23		4.46
PULL #3	4.15	4.34		4.23
PULL #4	4.36	4.30		4.39
PULL #5	4.25	4.35		4.28
TOTAL	21.17	21.61		21.82
AVG.	4.234	4.322		4.364

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522282
9 Aug 1990

CENTROIDAL DISTANCES

0 TO 1 .2986
1 TO 2 1.09894
1 TO 3 .853527
1 TO 4 1.08246
1 TO 5 .608619

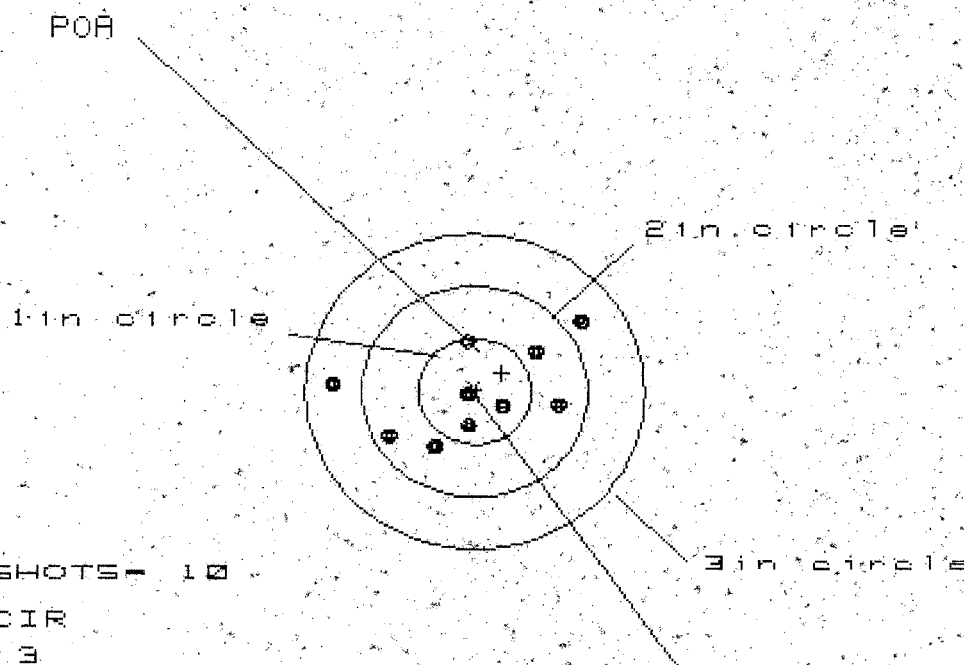
2
1+5 4 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3914
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0964
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .403097
THE AMP FOR THIS RIFLE IS: .7928

8 Aug 1990

FILE: PATTERNING/CENTERFIRE_PATT/C65222B2

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1 in = 3

2 in = 8

3 in = 10

HS = 0.187

VS = 1.239

GS = 0.262

PATTERN #

00

SHOTS (BEST OF)	10	9	8
MAXIMUM X	.976	.842	.740
MINIMUM X	-1.211	-.879	-.774
MAXIMUM Y	.671	.681	.598
MINIMUM Y	-.568	-.558	-.473
CENTROID X	-.239	-.105	-.210
CENTROID Y	-.179	-.189	-.274
POA TO CENTROID in.	.299	.216	.345
MIN RADIUS	.047	.152	.071
MEAN RADIUS	.643	.574	.489
MAX RADIUS	1.214	1.083	.823
HORIZONTAL SPREAD	2.187	1.721	1.514
VERTICAL SPREAD	1.239	1.239	1.071
EXTREME SPREAD	2.262	2.014	1.528
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	

9 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C65222B2

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS - 10

IN CIR

1 in - 1

2 in - 7

3 in - 10

HS - 1.392

VS - 2.162

GS - 2.188

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.666	.687	.470
MINIMUM X	-.726	-.705	-.619
MAXIMUM Y	.999	.870	.951
MINIMUM Y	-1.163	-.956	-.875
CENTROID X	.466	.445	.359
CENTROID Y	.664	.793	.712
POA TO CENTROID in.	.811	.910	.798
MIN RADIUS	.092	.219	.164
MEAN RADIUS	.775	.734	.693
MAX RADIUS	1.178	.959	.981
HORIZONTAL SPREAD	1.392	1.392	1.089
VERTICAL SPREAD	2.162	1.826	1.826
EXTREME SPREAD	2.188	1.827	1.827
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

9 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C85222B2

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS - 10

IN CIR

1 in - 2

2 in - 9

3 in = 10

HS= 2.231

VS= 1.547

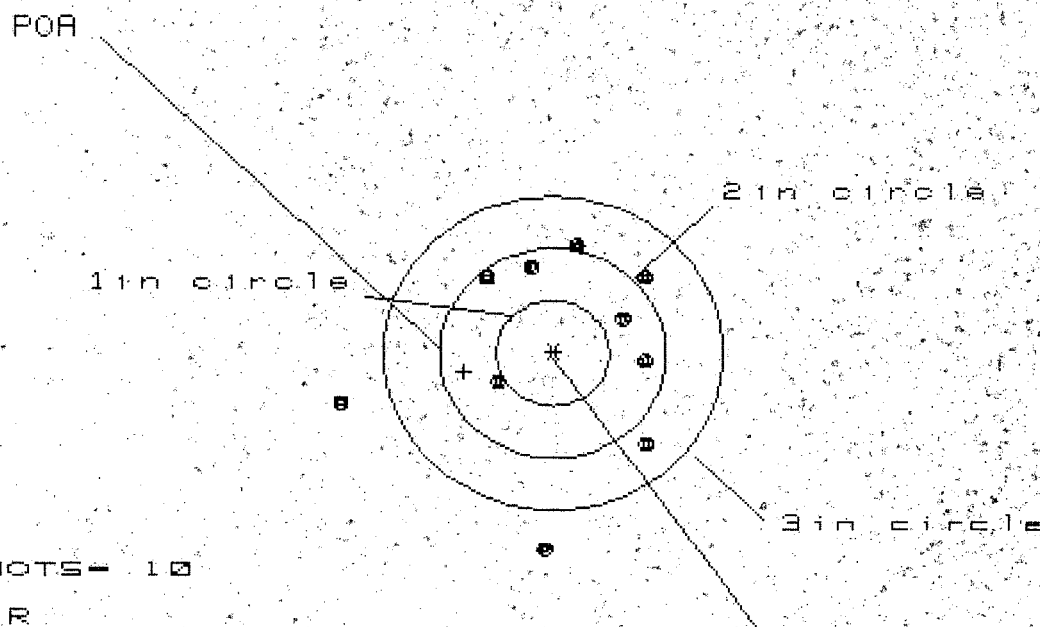
GS= 2.234

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	.799
MINIMUM X	-1.432
MAXIMUM Y	.668
MINIMUM Y	-.879
CENTROID X	.614
CENTROID Y	-.209
POA TO CENTROID in.	.648
MIN RADIUS	.211
MEAN RADIUS	.695
MAX RADIUS	1.439
HORIZONTAL SPREAD	2.231
VERTICAL SPREAD	1.547
EXTREME SPREAD	2.234
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	9
NUMBER IN THREE INCH CIRCLE =	10

9 Aug 1990

FILE:/PATTERNING/CENTERFIRE_PATT/06522262

CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1 in = 0

2 in = 5

3 in = 8

HS = 2.747

VS = 2.893

GS = 3.002

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.817	.603	.567
MINIMUM X	-1.929	-.765	-.801
MAXIMUM Y	1.072	1.014	.780
MINIMUM Y	-1.821	-1.879	-1.141
CENTROID X	.786	1.000	1.036
CENTROID Y	.169	.227	.461
POA TO CENTROID in.	.803	1.025	1.134
MIN RADIUS	.575	.452	.345
MEAN RADIUS	1.093	.953	.786
MAX RADIUS	1.998	1.900	1.257
HORIZONTAL SPREAD	2.747	1.368	1.368
VERTICAL SPREAD	2.893	2.893	1.921
EXTREME SPREAD	3.002	2.908	2.028
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

9 Aug 1998

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CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 10

HS= 2.355

VS= 1.629

GS= 2.444

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.265	1.158	.913
MINIMUM X	-1.090	-1.197	-1.052
MAXIMUM Y	.912	.702	.701
MINIMUM Y	-.717	-.615	-.616
CENTROID X	.330	.437	.292
CENTROID Y	.037	-.065	-.064
POA TO CENTROID in.	.332	.441	.299
MIN RADIUS	.230	.097	.184
MEAN RADIUS	.758	.670	.606
MAX RADIUS	1.322	1.222	1.080
HORIZONTAL SPREAD	2.355	2.355	1.965
VERTICAL SPREAD	1.629	1.317	1.317
EXTREME SPREAD	2.444	2.369	1.975
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

Remington® **MODEL 700™ H24**

UPPONT
REG. U.S. PAT. & TM. OFF.

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

SERIAL NO.
C6522282

ORDER NO.
5716

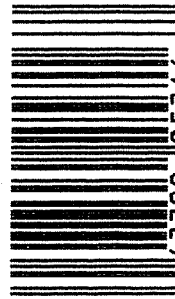
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