

C6349112

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Smead®

No. 2-152-5L

Remington®
REG. U.S. PAT. & TM. OFF.

MODEL 700™ H24

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

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

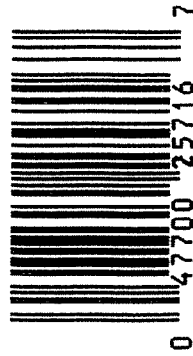
SERIAL NO.
C6349112

ORDER NO.
5716

Ø1

5716 C6349112

UPC



RC50

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349112

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		12-20 89	RW
600	Proof		12-20 89	A
607	Check Headspace		12-20 89	A
610	Dis-assemble Gun		12-20 89	RW
612	Magnaflux Barrel Action	1-5-90		KER
	Magnaflux Bolt	1-5-90		
615	Rollmark Caliber		1/5/90	JS
617	Drill and Tap Sight Holes		1/8/90	F-B
618	Polish Barrel RWB		1/9/90	WB
620	Apply Coatings (Barrel Action)		1-15-90	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		7/4/90 1/16/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/16/90	RW
	C) Inspect Ejector Hole for Chamfer		1/16/90	RW
	D) Oil Firing Pin Ass'y		1/16/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		1/17/90	JS

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6349112

DATE 17 Jan 90

TESTER JES

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.67	2.54	2.38	2.51	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.45	2.53	2.41	2.53	
PULL #3	2.40	2.35	2.48	2.47	
PULL #4	2.41	2.47	2.34	2.48	
PULL #5	2.43	2.43	2.34	2.48	
TOTAL	12.36	12.32	11.95		
AVG.	2.472	2.464	2.39		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.10	3.27		
PULL #2	2.99	2.90		
PULL #3	2.86	2.99		
PULL #4	3.02	2.95		
PULL #5	2.93	2.91		
TOTAL	14.90	15.02		
AVG.	2.98	3.004		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.32	4.40		3.81
PULL #2	4.24	4.27		3.90
PULL #3	4.13	4.12		3.88
PULL #4	4.22	4.15		3.86
PULL #5	4.24	4.26		3.85
TOTAL	21.15	21.20		19.30
AVG.	4.23	4.24		3.86

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349112
9 Mar 1990

CENTROIDAL DISTANCES

0 TO	1	.598191
1 TO	2	.566173
1 TO	3	.379415
1 TO	4	.318454
1 TO	5	.595054

3
1 5 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0458
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.3098
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .313167
THE AMR FOR THIS RIFLE IS: 1.031

8 Mar 1990

FILE:/PATTERNING/CENTERFIRE_PATT/08945112

CENTERFIRE PATTERNS # 1

POA

1 in circle

2 in circle

3 in circle

CENTROID *

* OF SHOTS = 10

1 in CIR

1 in = 2

2 in = 6

3 in = 8

HS = 2.624

VS = 2.602

CS = 3.673

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.015	.756	.579
MINIMUM X	-1.639	-1.415	-1.811
MAXIMUM Y	.872	.858	.888
MINIMUM Y	-1.130	-1.144	-1.114
CENTROID X	-.368	-.530	-.353
CENTROID Y	-.514	-.500	-.530
POA TO CENTROID in.	.598	.729	.637
MIN RADIUS	.230	.322	.272
MEAN RADIUS	.945	.818	.725
MAX RADIUS	2.018	1.435	1.255
HORIZONTAL SPREAD	3.654	2.171	1.390
VERTICAL SPREAD	2.602	2.002	2.602
EXTREME SPREAD	3.673	2.572	2.638
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		8	

5 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08349112

CENTERFIRE PATTERNS # 2

FOR

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 0

2 in = 4

3 in = 0

HS = 2.664

VS = 2.603

GS = 2.612

CENTROID *

PATTERN #

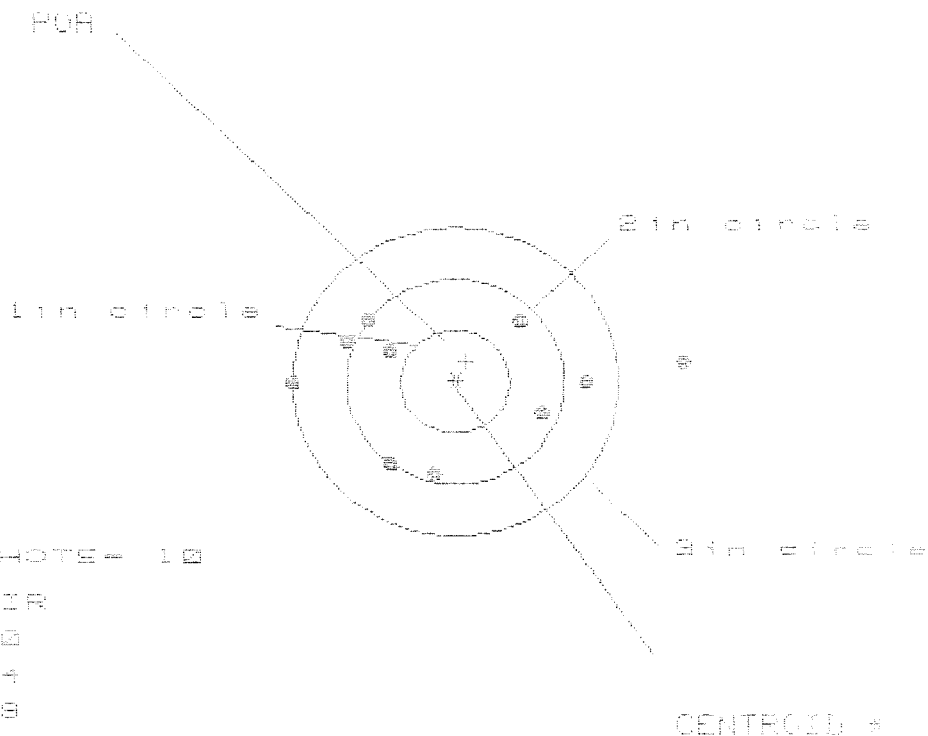
2

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.465	1.421	1.183
MINIMUM X	:	-1.259	-1.243	-1.066
MAXIMUM Y	:	1.574	1.560	1.516
MINIMUM Y	:	-1.229	-1.054	-1.098
CENTROID X	:	-.052	-.068	-.245
CENTROID Y	:	-.008	-.183	-.139
FOR TO CENTROID in.	:	.052	.195	.282
MIN RADIUS	:	.575	.625	.487
MEAN RADIUS	:	1.132	1.062	.984
MAX RADIUS	:	1.580	1.560	1.524
HORIZONTAL SPREAD	:	2.664	2.664	2.169
VERTICAL SPREAD	:	2.603	2.614	2.614
EXTREME SPREAD	:	2.612	2.669	2.646
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	9		

5 Mar 1990

FILE:/PATTERNING/CENTERFIRE_PATT/08949112

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 4

3 in = 6

HS= 3.501

VS= 1.560

GS= 3.603

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.136	1.389	1.235
MINIMUM X	-1.485	-1.227	-0.984
MAXIMUM Y	.636	.653	.650
MINIMUM Y	-.924	-.907	-.982
CENTROID X	-.096	-.334	-.106
CENTROID Y	-.196	-.215	-.220
POA TO CENTROID in.	.220	.397	.284
MIN RADIUS	.661	.462	.595
MEAN RADIUS	1.121	.970	.944
MAX RADIUS	2.142	1.389	1.235
HORIZONTAL SPREAD	3.601	2.616	2.133
VERTICAL SPREAD	1.560	1.560	1.560
EXTREME SPREAD	3.603	2.616	2.182
NUMBER IN ONE INCH CIRCLE	=	0	
NUMBER IN TWO INCH CIRCLE	=	4	
NUMBER IN THREE INCH CIRCLE	=	9	

9 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06349112

CENTERFIRE PATTERNS

4

POB

1 in circle

2 in circle

3 in circle

CENTROID +

OF SHOTS - 10

IN CIR

1 in = 1

2 in = 3

3 in = 9

HEI = 2.987

VER = 2.293

GE = 2.743

PATTERN #

:

4

SHOTS (BEST OF)

:

10

9

8

MAXIMUM X

:

1.484

1.053

1.007

MINIMUM X

:

-1.113

-0.948

-0.994

MAXIMUM Y

:

1.373

1.419

1.531

MINIMUM Y

:

-0.920

-0.874

-0.697

CENTROID X

:

-0.054

-0.229

-0.183

CENTROID Y

:

-0.307

-0.353

-0.530

POB TO CENTROID in.

:

.313

.421

.561

MIN RADIUS

:

.458

.285

.335

MEAN RADIUS

:

1.055

.976

.881

MAX RADIUS

:

1.541

1.527

1.668

HORIZONTAL SPREAD

:

2.597

2.001

2.001

VERTICAL SPREAD

:

2.293

2.293

2.238

EXTREME SPREAD

:

2.743

2.577

2.438

NUMBER IN ONE INCH CIRCLE =

:

1

NUMBER IN TWO INCH CIRCLE =

:

3

NUMBER IN THREE INCH CIRCLE =

:

9

5 Mar 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06248:16

CENTERFIRE PATTERNS # 5

POB

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS= 10

IN CIR

1 in = 4

2 in = 5

3 in = 8

ME= 3.522

VS= .587

GS= 3.671

PATTERN #



SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.039	1.693	1.527
MINIMUM X	:	-1.554	-1.327	-1.018
MAXIMUM Y	:	.358	.297	.315
MINIMUM Y	:	-.549	-.493	-.475
CENTROID X	:	.289	.062	.228
CENTROID Y	:	-.522	-.461	-.479
POB TO CENTROID in.	:	.597	.465	.591
MIN RADIUS	:	.247	.128	.287
MEAN RADIUS	:	.901	.728	.654
MAX RADIUS	:	2.112	1.694	1.530
HORIZONTAL SPREAD	:	3.593	3.020	2.545
VERTICAL SPREAD	:	.987	.790	.790
EXTREME SPREAD	:	3.671	3.021	2.607
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	