

C6349102

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Remington®



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

MODEL 700™ H24

SERIAL NO.
C6349102

ORDER NO.
5716

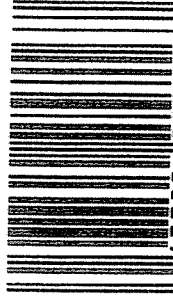
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5716 C6349102

UPC



0 47700 25716 7

RC -15
replaced

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349102

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	LB
618	Polish Barrel		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		1/17/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/17/90	RW
	C) Inspect Ejector Hole for Chamfer		1/17/90	RW
	D) Oil Firing Pin Ass'y		1/17/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		24/1/90	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			1-25-90	JS
	G) Safety Off Force	3	3	3			1-25-90	JS
	H) Trigger Pull Test & Retainability						24/10/90	JS
	I) Firing Pin Indent	.023	.023	.023			1-25-90	JS
	J) Assemble Stock						1/29/90	RW
	K) Assemble Swivel Studs						3/12/90	WB
	L) Attach Front and Rear Sight Assemblies						1/29/90	RW
	M) Iron Sight Alignment						1/29/90	RW
	N) Detach Front & Rear Sights & place in numbered container						1/29/90	RW
	O) Attach Scope to Rifle						2/28/90	WB
	P) Detach & Attach Scope 20 Times						2/28/90	WB
640	Gallery Target & Test						3-1-90	A
	A) Time						11	A
	B) Malfunctions						11	A
	C) Pierced Primers						11	A
	D) Optical Clarity of Scope						11	A
645	Inspect for Live Ammo						3-1-90	A
655	Final Inspection						3/12/90	WB
	A) Headspace						3/12/90	WB
	B) Trigger Pull	2.64	2.50	2.49	2.51	2.40	3/12/90	ES
	C) Function						3/12/90	WB
660	Pack						19 March 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. C6349102
DATE 24 Jan 90
TESTER [Signature]

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.62	2.18	2.89	2.64	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.74	2.21	2.80	2.50	
PULL #3	2.60	2.25	2.52	2.49	
PULL #4	2.53	2.27	2.53	2.51	
PULL #5	2.74	2.18	2.61	2.40	
TOTAL	1323	1109	1335	1254	
AVG.	2.646	2.218	2.67	2.508	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.08	2.89		
PULL #2	3.11	3.05		
PULL #3	3.27	3.11		
PULL #4	2.98	3.17		
PULL #5	3.15	3.11		
TOTAL	1559	1533		
AVG.	3.118	3.066		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.09	4.03		3.98
PULL #2	4.20	4.24		3.96
PULL #3	4.30	4.22		3.97
PULL #4	4.29	4.22		3.87
PULL #5	4.06	4.18		3.76
TOTAL	2094	2089		1954
AVG.	4.188	4.178		3.908

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349102
2 Mar 1990

CENTROIDAL DISTANCES

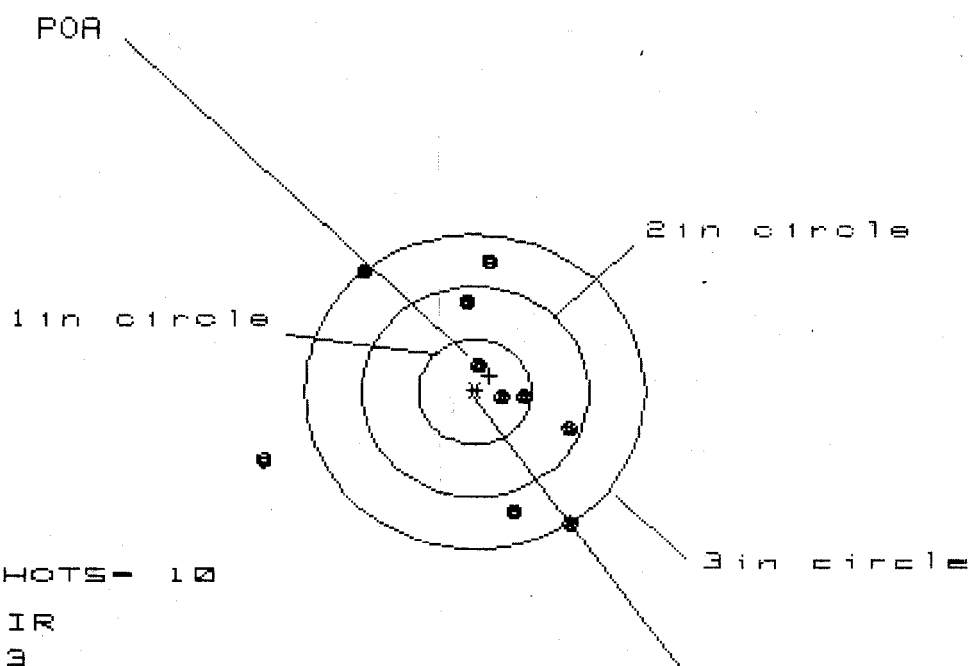
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1 TO	4	.242854
1 TO	5	.295652

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1 Mar 1998

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CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 9

HS= 2.718

VS= 2.472

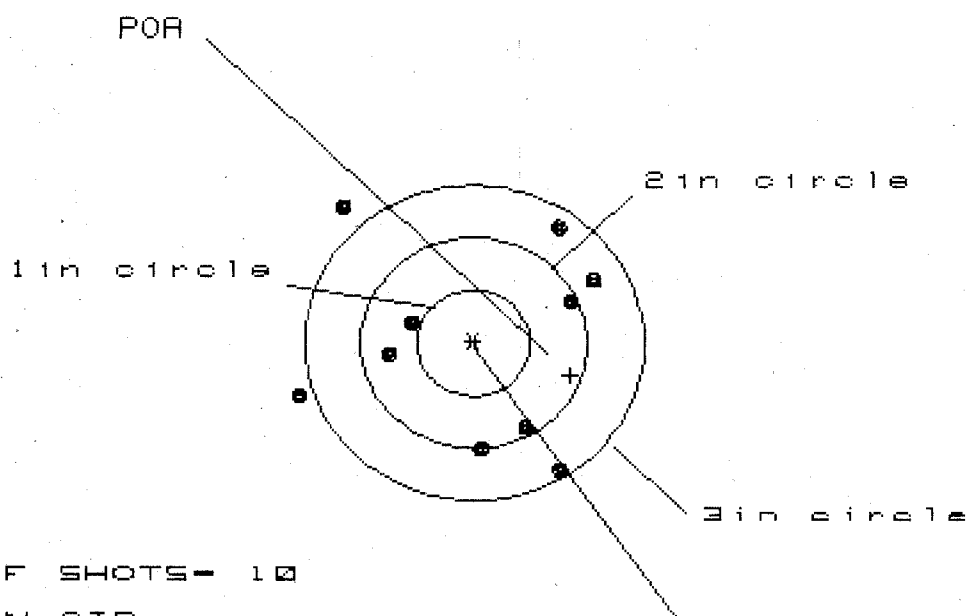
GS= 2.882

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.868	.662	.737
MINIMUM X	-1.850	-1.126	-1.050
MAXIMUM Y	1.269	1.195	1.035
MINIMUM Y	-1.203	-1.277	-1.377
CENTROID X	-.132	.074	-.001
CENTROID Y	-.152	-.078	.082
POA TO CENTROID in.	.201	.107	.082
MIN RADIUS	.225	.107	.155
MEAN RADIUS	1.005	.849	.781
MAX RADIUS	1.966	1.526	1.397
HORIZONTAL SPREAD	2.718	1.788	1.788
VERTICAL SPREAD	2.472	2.472	2.412
EXTREME SPREAD	2.882	2.882	2.591
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

1 Mar 1990

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in - 0

2in - 5

3in = 8

HS- 2.654

VS= 2.500

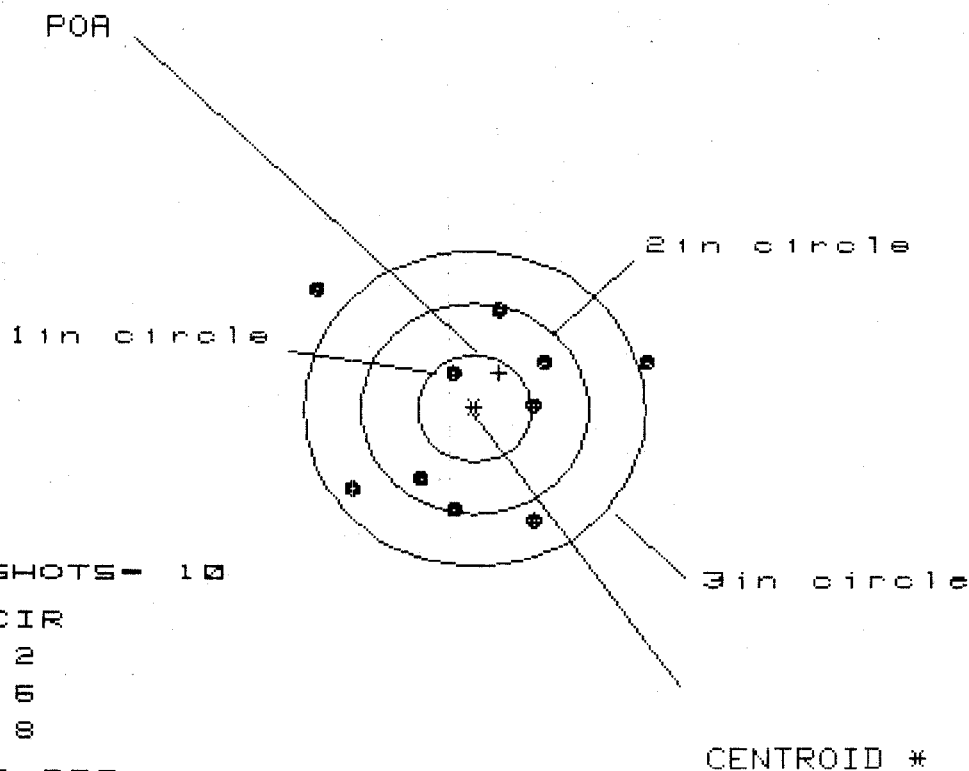
GS= 3.127

PATTERN #	:	2
SHOTS (BEST OF)	:	10
MAXIMUM X	:	1.074
MINIMUM X	:	-1.580
MAXIMUM Y	:	1.261
MINIMUM Y	:	-1.247
CENTROID X	:	-.852
CENTROID Y	:	.304
POA TO CENTROID in.	:	.905
MIN RADIUS	:	.628
MEAN RADIUS	:	1.161
MAX RADIUS	:	1.689
HORIZONTAL SPREAD	:	2.654
VERTICAL SPREAD	:	2.508
EXTREME SPREAD	:	3.127
NUMBER IN ONE INCH CIRCLE	=	0
NUMBER IN TWO INCH CIRCLE	=	5
NUMBER IN THREE INCH CIRCLE	=	8

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 2.962

VS= 2.207

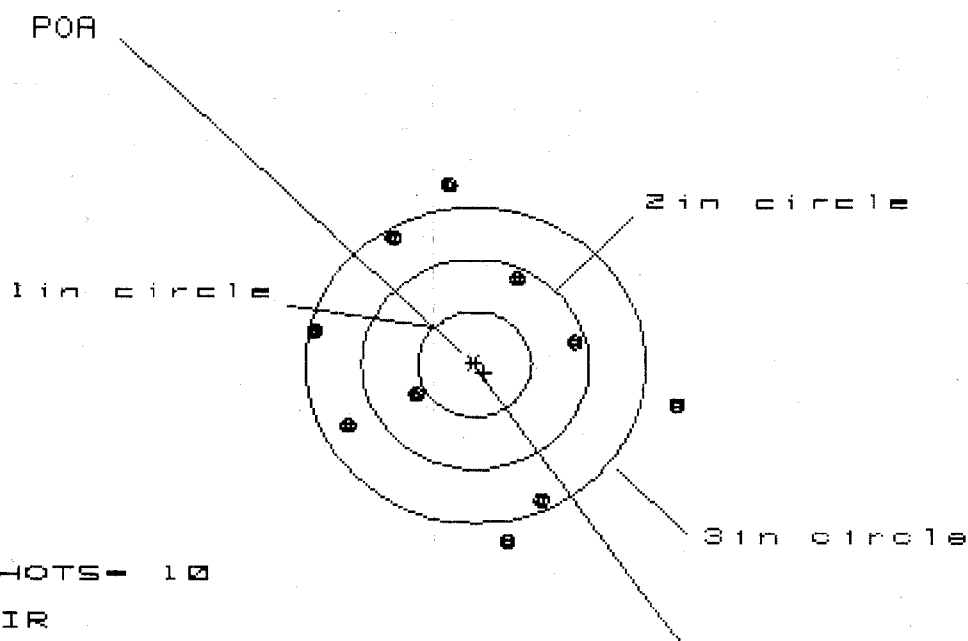
GS= 3.056

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.537	1.378	.641
MINIMUM X	:	-1.425	-1.264	-1.091
MAXIMUM Y	:	1.173	1.079	1.148
MINIMUM Y	:	-1.034	-.904	-.835
CENTROID X	:	-.219	-.060	-.233
CENTROID Y	:	-.341	-.471	-.540
POA TO CENTROID in.	:	.405	.475	.588
MIN RADIUS	:	.362	.378	.548
MEAN RADIUS	:	1.035	.933	.860
MAX RADIUS	:	1.846	1.485	1.238
HORIZONTAL SPREAD	:	2.962	2.642	1.732
VERTICAL SPREAD	:	2.207	1.983	1.983
EXTREME SPREAD	:	3.056	2.904	2.181
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in - 0

2 in - 3

3 in - 7

HS- 3.199

VS- 3.466

GS- 3.506

CENTROID *

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.813	1.095	1.087
MINIMUM X	:	-1.386	-1.185	-1.193
MAXIMUM Y	:	1.747	1.704	1.393
MINIMUM Y	:	-1.719	-1.762	-1.549
CENTROID X	:	-.079	-.280	-.272
CENTROID Y	:	.085	.128	-.084
POA TO CENTROID in.	:	.116	.308	.285
MIN RADIUS	:	.572	.431	.330
MEAN RADIUS	:	1.325	1.243	1.172
MAX RADIUS	:	1.854	1.822	1.614
HORIZONTAL SPREAD	:	3.199	2.280	2.280
VERTICAL SPREAD	:	3.466	3.466	2.943
EXTREME SPREAD	:	3.506	3.506	3.092
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	3		
NUMBER IN THREE INCH CIRCLE	=	7		

1 Mar 1990

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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 = 1

2 in = 4

3 in = 8

HS= 1.832

VS= 3.342

GS= 3.449

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.919	1.001	.997
MINIMUM X	-.913	-.831	-.835
MAXIMUM Y	1.582	1.386	.989
MINIMUM Y	-1.760	-1.308	-1.134
CENTROID X	.097	.015	.019
CENTROID Y	.035	.231	.057
POA TO CENTROID in.	.103	.231	.060
MIN RADIUS	.400	.280	.413
MEAN RADIUS	1.116	.990	.949
MAX RADIUS	1.909	1.475	1.321
HORIZONTAL SPREAD	1.832	1.832	1.832
VERTICAL SPREAD	3.342	2.694	2.124
EXTREME SPREAD	3.449	2.786	2.446
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		8	