

C6611475

MODEL 700™ M24

Model 5145™

Action _____

Barrel Length _____

Capacity _____

Order No. 5716

*Includes 1 in chamber.



Remington		 REG. U.S. PAT. & TM. OFF.	VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700™ H24		SERIAL NO. C6611475	
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.		ORDER NO. 5716	

46



5716 C6611475

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6611475

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		3/26/91	K.S.
600	Proof		3/26/91	K.S.
607	Check Headspace		3/26/91	K.S.
610	Dis-assemble Gun		3/26/91	K.S.
612	Magnaflux Barrel Action	APR 2 1991		KR
	Magnaflux Bolt	APR 2 1991		U
615	Rollmark Caliber	APR 2 1991		GL
617	Drill and Tap Sight Holes	APR 5 1991		FB
618	Polish Barrel	APR 5 1991		WB
620	Apply Coatings (Barrel Action)		4-16-91	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/10/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/10/91	KS
	C) Inspect Ejector Hole for Chamfer		4/10/91	KS
	D) Oil Firing Pin Ass'y		4/10/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		4/11/91	SM

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			4/11/91	SM
	G) Safety Off Force	3	3	3			4/11/91	SM
	H) Trigger Pull Test & Retainability						4/11/91	SM
	I) Firing Pin Indent	.0215	.022	.022			4/11/91	SM
	J) Assemble Stock						4/11/91	KS
	K) Assemble Swivel Studs						4-16-91	AC
	L) Attach Front and Rear Sight Assemblies						4/11/91	KS
	M) Iron Sight Alignment						4/11/91	KS
	N) Detach Front & Rear Sights & place in numbered container						4/11/91	KS
	O) Attach Scope to Rifle						4/11/91	KS
	P) Detach & Attach Scope 20 Times						4/11/91	KS
640	Gallery Target & Test						4-15-91	AC
	A) Time						4-15-91	AC
	B) Malfunctions						4-15-91	AC
	C) Pierced Primers						4-15-91	AC
	D) Optical Clarity of Scope						4-15-91	AC
645	Inspect for Live Ammo						4-15-91	AC
655	Final Inspection							
	A) Headspace						4-16-91	AC
	B) Trigger Pull	2.52	2.53	2.53	2.47	2.44	4/16/91	SM
	C) Function						4-16-91	AC
660	Pack						6-17-91	AC

SWS TRIGGER PULL TEST

TII.

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6611475

DATE 4/11/91

TESTER JA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.40	2.47	2.40	2.52	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.45	2.42	2.46	2.53	
PULL #3	2.42	2.44	2.39	2.53	
PULL #4	2.44	2.31	2.43	2.47	
PULL #5	2.49	2.43	2.43	2.44	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.27	3.40		
PULL #2	3.35	3.33		
PULL #3	3.20	3.43		
PULL #4	3.34	3.43		
PULL #5	3.40	3.36		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.32	4.23		4.24
PULL #2	4.28	4.24		4.23
PULL #3	4.30	4.26		4.27
PULL #4	4.28	4.26		4.24
PULL #5	4.33	4.25		4.27
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611475
15 Apr 1991

CENTROIDAL DISTANCES

0 TO	1	.0469574
1 TO	2	.222596
1 TO	3	.176799
1 TO	4	.230139
1 TO	5	.401005

45-45 <----POA

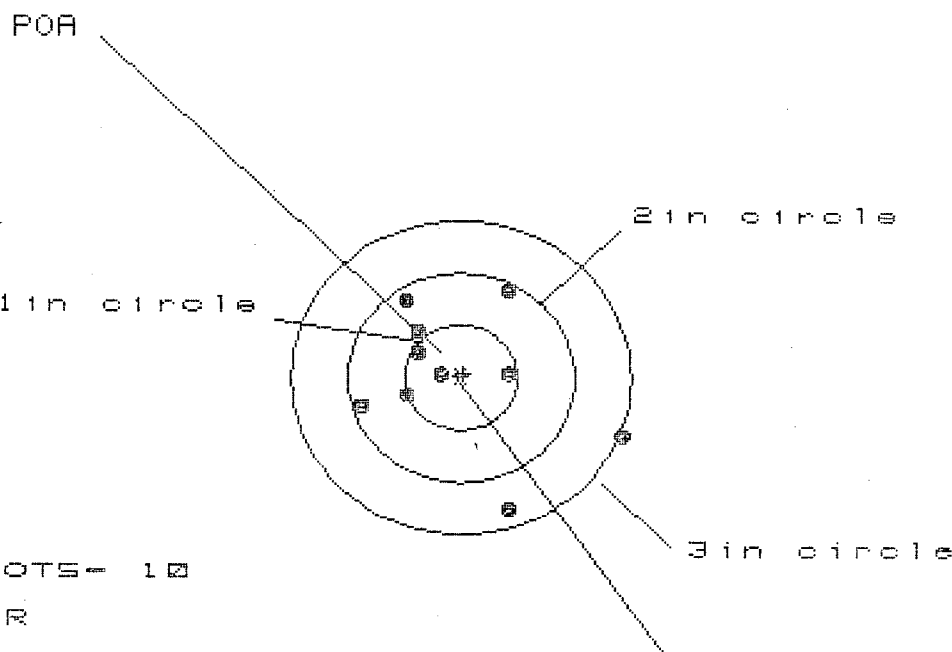
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0012
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0938
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0938077

THE AMR FOR THIS RIFLE IS: .857

15 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611475

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 3

2in = 8

3in = 9

HS= 2.349

VS= 2.119

GS= 2.359

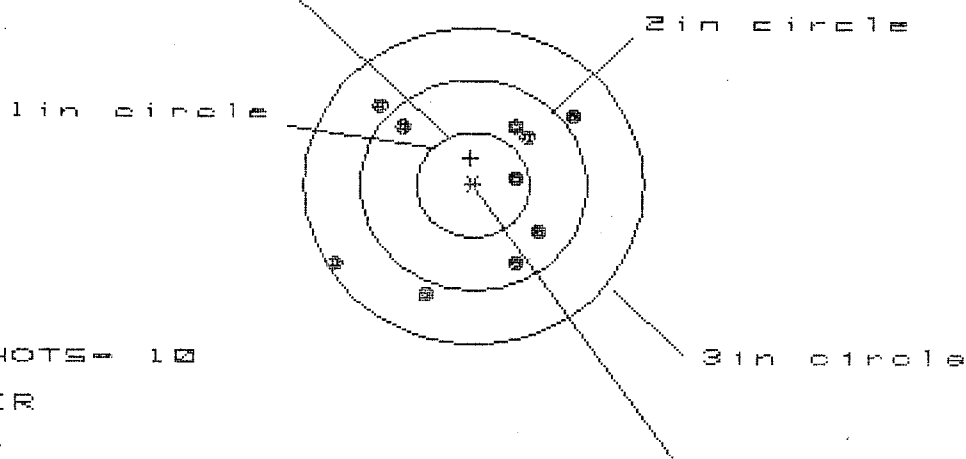
PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.455	.620	.667
MINIMUM X	:	-.894	-.732	-.655
MAXIMUM Y	:	.818	.761	.591
MINIMUM Y	:	-1.302	-1.358	-.520
CENTROID X	:	-.021	-.183	-.260
CENTROID Y	:	-.042	.014	.184
POA TO CENTROID in.	:	.048	.184	.319
MIN RADIUS	:	.166	.056	.098
MEAN RADIUS	:	.779	.641	.512
MAX RADIUS	:	1.542	1.493	.892
HORIZONTAL SPREAD	:	2.349	1.352	1.322
VERTICAL SPREAD	:	2.119	2.119	1.111
EXTREME SPREAD	:	2.359	2.282	1.727
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	8		
NUMBER IN THREE INCH CIRCLE	=	9		

15 Apr 1991

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CENTERFIRE PATTERNS # 2

POA



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 6

3 in = 10

HS= 2.083

VS= 1.737

GS= 2.511

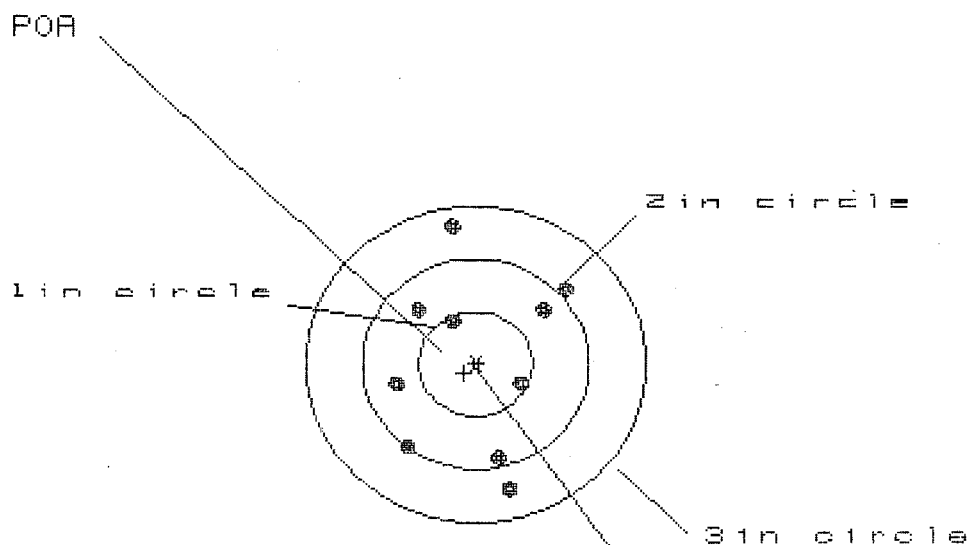
CENTROID *

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.862	.726	.605
MINIMUM X	:	-1.221	-.971	-.911
MAXIMUM Y	:	.713	.629	.634
MINIMUM Y	:	-1.024	-1.108	-1.030
CENTROID X	:	.024	.160	.281
CENTROID Y	:	-.260	-.176	-.254
POA TO CENTROID in.	:	.261	.237	.379
MIN RADIUS	:	.403	.254	.166
MEAN RADIUS	:	.895	.793	.723
MAX RADIUS	:	1.439	1.223	1.211
HORIZONTAL SPREAD	:	2.083	1.697	1.516
VERTICAL SPREAD	:	1.737	1.737	1.664
EXTREME SPREAD	:	2.511	2.076	2.076
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1in = 2

2in = 7

3in = 10

HS = 1.535

VS = 2.443

GS = 2.495

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.820	.793	.823
MINIMUM X	:	-.715	-.742	-.712
MAXIMUM Y	:	1.267	.819	.690
MINIMUM Y	:	-1.176	-1.035	-.856
CENTROID X	:	.102	.129	.099
CENTROID Y	:	.085	-.056	.073
POA TO CENTROID in.	:	.133	.140	.123
MIN RADIUS	:	.413	.338	.411
MEAN RADIUS	:	.845	.791	.745
MAX RADIUS	:	1.289	1.140	1.074
HORIZONTAL SPREAD	:	1.535	1.535	1.535
VERTICAL SPREAD	:	2.443	1.854	1.545
EXTREME SPREAD	:	2.495	2.030	2.030
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS

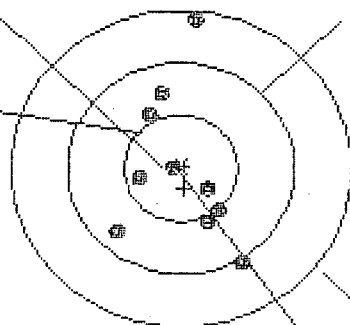
4

POA

1in circle

2in circle

3in circle



OF SHOTS - 10

IN CIR

1in = 4

2in = 8

3in = 10

HS= 1.124

VS= 2.267

GS= 2.299

CENTROID #

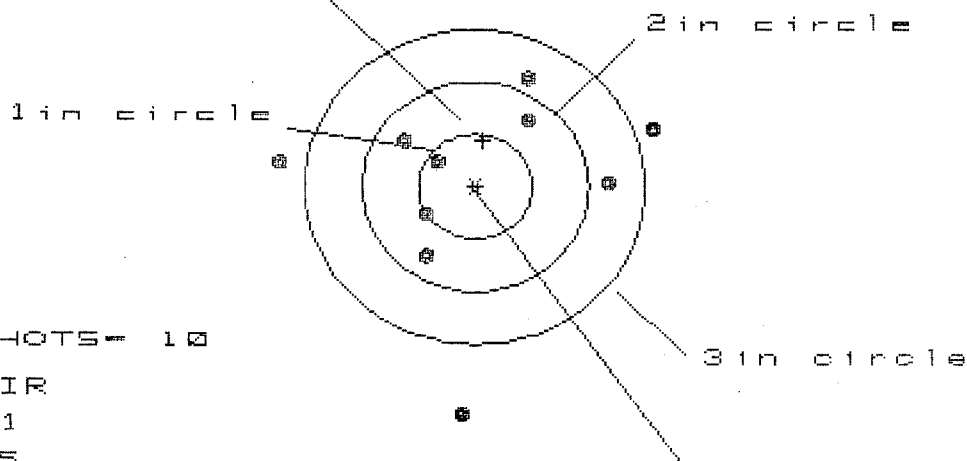
PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.521	.537	.388
MINIMUM X	:	-.603	-.587	-.520
MAXIMUM Y	:	1.373	.884	.792
MINIMUM Y	:	-.894	-.742	-.511
CENTROID X	:	-.029	-.045	-.112
CENTROID Y	:	.188	.036	.128
POA TO CENTROID in.	:	.190	.057	.170
MIN RADIUS	:	.117	.205	.092
MEAN RADIUS	:	.649	.551	.498
MAX RADIUS	:	1.380	.915	.795
HORIZONTAL SPREAD	:	1.124	1.124	.908
VERTICAL SPREAD	:	2.267	1.626	1.303
EXTREME SPREAD	:	2.299	1.761	1.378
NUMBER IN ONE INCH CIRCLE	=	4		
NUMBER IN TWO INCH CIRCLE	=	8		
NUMBER IN THREE INCH CIRCLE	=	10		

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CENTERFIRE PATTERNS # 5

POA



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 7

HS= 3.270

VS= 3.228

GS= 3.292

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.528	1.509	1.289
MINIMUM X	-1.742	-1.761	-.871
MAXIMUM Y	1.020	.775	.780
MINIMUM Y	-2.208	-.887	-.882
CENTROID X	-.070	-.051	.169
CENTROID Y	-.440	-.195	-.200
POA TO CENTROID in.	.446	.201	.262
MIN RADIUS	.446	.385	.432
MEAN RADIUS	1.117	.969	.873
MAX RADIUS	2.214	1.761	1.316
HORIZONTAL SPREAD	3.270	3.270	2.160
VERTICAL SPREAD	3.228	1.662	1.662
EXTREME SPREAD	3.292	3.277	2.226
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	7		