

C6649059

MODEL 700™ M24

Model SMS™

Action

Barrel Length

Capacity

Order No. 5716

* Includes 1 in chamber.



M2400031212

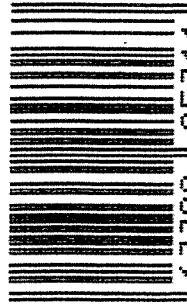
Shred

Remington®		DU PONT REG. U.S. PAT. & TM. OFF.	
MODEL 700™ H24		VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.	
SERIAL NO. C6649059		ORDER NO. 5716	
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.		Ø6	



5716 C6649059

LPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649059

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	6 25	9 1	RW
600	Proof	6 25	9 1	RW
607	Check Headspace	6 25	9 1	RW
610	Dis-assemble Gun	6 25	9 1	RW
612	Magnaflux Barrel Action		JUL 1 1991	KR
	Magnaflux Bolt		JUL 1 1991	KR
615	Rollmark Caliber		JUL 1 1991	YJ
617	Drill and Tap Sight Holes		JUL 1 1991	R.B.
618	Polish Barrel		JUL 2 1991	W.B.
620	Apply Coatings (Barrel Action)		8/27/91	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/29/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/29/91	RW
	C) Inspect Ejector Hole for Chamfer		8/29/91	RW
	D) Oil Firing Pin Ass'y		8/29/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		9/6/91	DH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			9-6-91	DH
	G) Safety Off Force	3	3	2 3/4			9-6-91	DH
	H) Trigger Pull Test & Retainability						9-6-91	DH
	I) Firing Pin Indent	1020	1020	1021			9-6-91	DH
	J) Assemble Stock						9/6/91	RW
	K) Assemble Swivel Studs						9-12-91	DH
	L) Attach Front and Rear Sight Assemblies						9/11/91	RW
	M) Iron Sight Alignment						9/11/91	RW
	N) Detach Front & Rear Sights & place in numbered container						9/11/91	RW
	O) Attach Scope to Rifle						9/11/91	RW
	P) Detach & Attach Scope 20 Times						9/11/91	RW
640	Gallery Target & Test						9-11-91	AF
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clarity of Scope						"	AF
645	Inspect for Live Ammo						9-11-91	AF
655	Final Inspection							
	A) Headspace						9-12-91	DH
	B) Trigger Pull	2.32	2.24	2.40	2.36	2.22	9-12-91	JCO
	C) Function						9-12-91	DH
660	Pack						9-18-91	AF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. C6649059
DATE 9-6-91
TESTER CH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.57	2.36	2.65	2.32	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.38	2.35	2.69	2.24	
PULL #3	2.30	2.32	2.62	2.40	
PULL #4	2.46	2.36	2.70	2.36	
PULL #5	2.35	2.27	2.71	2.22	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.16	3.41		
PULL #2	3.24	3.32		
PULL #3	3.26	3.35		
PULL #4	3.27	3.32		
PULL #5	3.28	3.39		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.07	4.38		4.06
PULL #2	4.12	4.18		4.04
PULL #3	4.10	4.15		4.00
PULL #4	4.15	4.08		3.98
PULL #5	4.17	4.10		4.03
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6649859
12 Sep 1991

CENTROIDAL DISTANCES

0 TO	1	.138636
1 TO	2	.201556
1 TO	3	.249616
1 TO	4	.117346
1 TO	5	.239266

4 <----POA

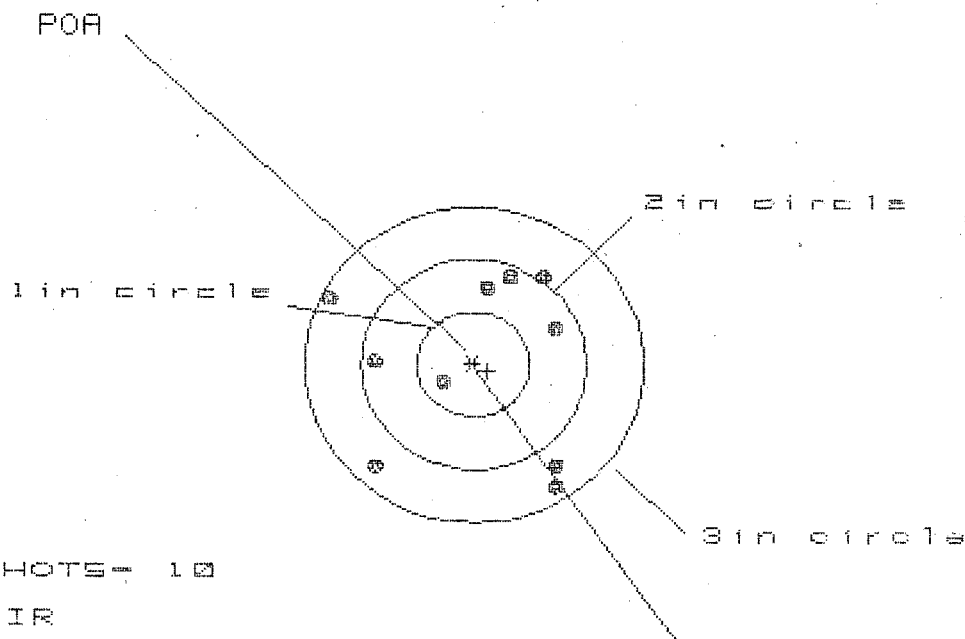
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0208
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0466
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0510314

THE AMR FOR THIS RIFLE IS: 1.148

11 Sep 1991

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CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 5

3 in = 10

HS= 2.060

VS= 2.034

GS= 2.760

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.765	.622	.698
MINIMUM X	-1.294	-1.066	-.990
MAXIMUM Y	.829	.900	.759
MINIMUM Y	-1.205	-1.134	-1.061
CENTROID X	-.124	.019	-.057
CENTROID Y	.062	-.009	.132
POA TO CENTROID in.	.139	.021	.144
MIN RADIUS	.307	.399	.404
MEAN RADIUS	1.004	.953	.887
MAX RADIUS	1.447	1.370	1.417
HORIZONTAL SPREAD	2.060	1.688	1.688
VERTICAL SPREAD	2.034	2.034	1.820
EXTREME SPREAD	2.760	2.354	2.354
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

12 Sep 1991

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CENTERFIRE PATTERNS

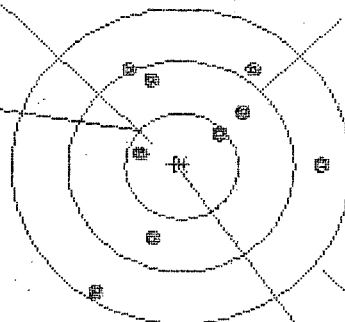
2

POA

1in circle

2in circle

3in circle



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 9

HS= 1.977

VS= 2.707

GS= 2.935

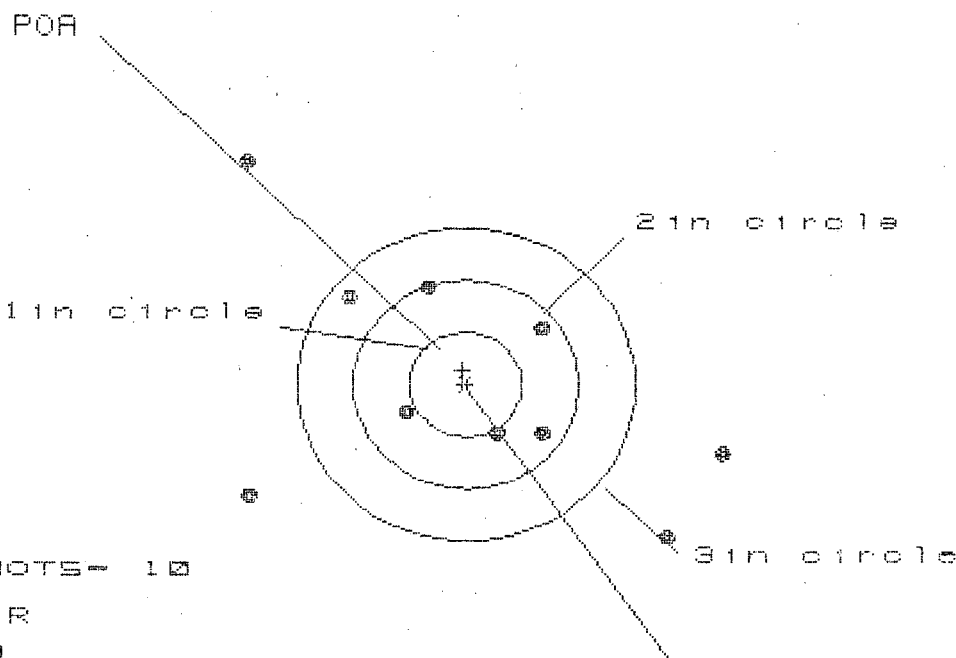
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.214	1.149	1.046
MINIMUM X	:	-.763	-.828	-.670
MAXIMUM Y	:	.966	.773	.599
MINIMUM Y	:	-1.740	-1.391	-1.018
CENTROID X	:	.061	.126	.229
CENTROID Y	:	-.018	.175	.349
POA TO CENTROID in.	:	.064	.215	.417
MIN RADIUS	:	.401	.273	.161
MEAN RADIUS	:	.983	.845	.709
MAX RADIUS	:	1.835	1.618	1.108
HORIZONTAL SPREAD	:	1.977	1.977	1.716
VERTICAL SPREAD	:	2.707	2.164	1.617
EXTREME SPREAD	:	2.935	2.548	1.960
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 0

2in = 4

3in = 6

HS= 4.240

VS= 3.590

GS= 5.109

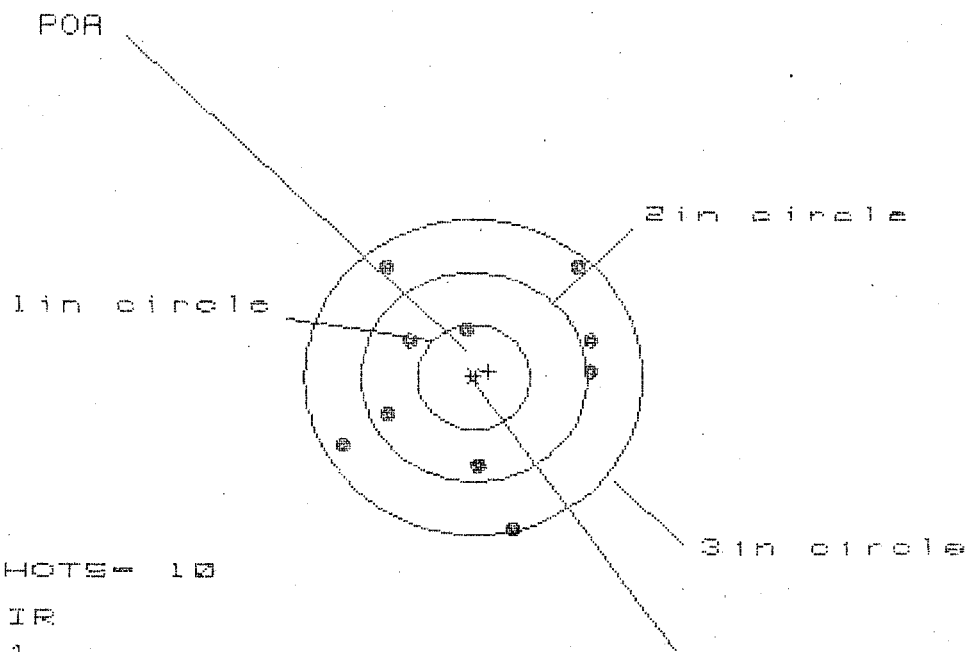
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.307	2.098	1.807
MINIMUM X	:	-1.940	-2.150	-1.887
MAXIMUM Y	:	2.106	1.208	1.158
MINIMUM Y	:	-1.484	-1.250	-1.300
CENTROID X	:	.028	.238	-.025
CENTROID Y	:	-.136	-.370	-.320
POA TO CENTROID in.	:	.139	.440	.321
MIN RADIUS	:	.537	.256	.412
MEAN RADIUS	:	1.487	1.305	1.197
MAX RADIUS	:	2.824	2.314	2.226
HORIZONTAL SPREAD	:	4.248	4.248	3.694
VERTICAL SPREAD	:	3.590	2.458	2.458
EXTREME SPREAD	:	5.109	4.272	3.715
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		6	

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 10

IS= 2.219

VS= 2.463

GS= 2.703

CENTROID *

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.027	1.062	1.181
MINIMUM X	:	-1.192	-1.157	-1.038
MAXIMUM Y	:	1.038	.880	.979
MINIMUM Y	:	-1.425	-.954	-.845
CENTROID X	:	-.133	-.168	-.287
CENTROID Y	:	-.055	.103	-.006
POA TO CENTROID in.	:	.144	.198	.287
MIN RADIUS	:	.485	.326	.452
MEAN RADIUS	:	1.033	.965	.914
MAX RADIUS	:	1.461	1.414	1.254
HORIZONTAL SPREAD	:	2.219	2.219	2.219
VERTICAL SPREAD	:	2.463	1.834	1.824
EXTREME SPREAD	:	2.703	2.703	2.431
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	10		

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CENTERFIRE PATTERNS

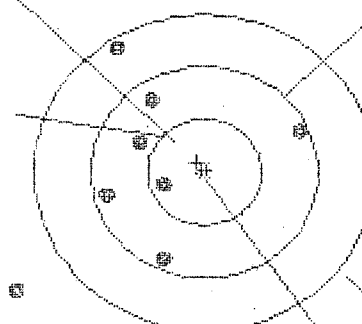
5

POA

1in circle

2in circle

3in circle



CENTROID *

OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 7

HS= 3.999

VS= 2.253

GS= 4.004

PATTERN #

:

5

SHOTS (BEST OF)

:

10

9

8

MAXIMUM X

:

2.316

2.185

1.326

MINIMUM X

:

-1.683

-1.426

-1.153

MAXIMUM Y

:

1.168

1.069

1.132

MINIMUM Y

:

-1.085

-1.184

-1.121

CENTROID X

:

.064

-.193

-.466

CENTROID Y

:

-.086

.013

-.050

POA TO CENTROID in.:

.107

.193

.469

MIN RADIUS

:

.361

.227

.232

MEAN RADIUS

:

1.233

1.014

.813

MAX RADIUS

:

2.482

2.242

1.608

HORIZONTAL SPREAD

:

3.999

3.611

2.479

VERTICAL SPREAD

:

2.253

2.253

2.253

EXTREME SPREAD

:

4.004

3.986

2.883

NUMBER IN ONE INCH CIRCLE =

1

NUMBER IN TWO INCH CIRCLE =

6

NUMBER IN THREE INCH CIRCLE =

7