

C6523450

MODEL 760™ M24

Model **SMS**™

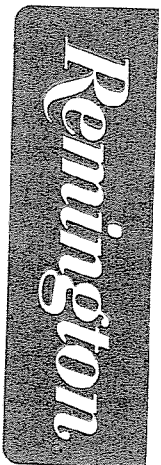
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Remington[®] **DU PONT**
REG. U.S. PAT. & TM. OFF.

MODEL 700TM H24

MADE IN ILION, 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.
C6523450

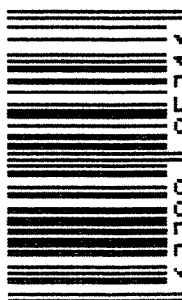
ORDER NO.
5716

20



5716 C6523450

UPC



0 47700 25716 7

M-24

SCOPE # ~~7~~

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6523450

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/2/90	KJ
600	Proof		10/2/90	KJ
607	Check Headspace		10/2/90	KJ
610	Dis-assemble Gun		10/2/90	KJ
612	Magnaflux Barrel Action		10/5/90	KR
	Magnaflux Bolt		10/5/90	KR
615	Rollmark Caliber		10/5/90	KR
617	Drill and Tap Sight Holes		10/8/90	KB
618	Polish Barrel KB		10/9/90	KB
620	Apply Coatings (Barrel Action)		10-20-90	JH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/8/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/8/90	KS
	C) Inspect Ejector Hole for Chamfer		11/8/90	KS
	D) Oil Firing Pin Ass'y		11/8/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		11/25/91	JH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5 ³ / ₄	5 ³ / ₄	5 ¹ / ₂			11/12/90	WLB
	G) Safety Off Force	2 ¹ / ₂	2 ¹ / ₂	2 ¹ / ₂			11/12/90	WLB
	H) Trigger Pull Test & Retainability						4/25/91 11/20/90	JH
	I) Firing Pin Indent	.021	.021	.021			11/12/90	WLB
	J) Assemble Stock						11/14/90	KS
	K) Assemble Swivel Studs						5-14-91	DH
	L) Attach Front and Rear Sight Assemblies						11/14/90	KS
	M) Iron Sight Alignment						11/14/90	KS
	N) Detach Front & Rear Sights & place in numbered container						11/14/90	KS
	O) Attach Scope to Rifle						11/14/90	KS
	P) Detach & Attach Scope 20 Times						11/14/90	KS
640	Gallery Target & Test						11-16-90	DH
	A) Time						11-16-90	DH
	B) Malfunctions						11-16-90	DH
	C) Pierced Primers						11-16-90	DH
	D) Optical Clarity of Scope						11-16-90	DH
645	Inspect for Live Ammo						11-16-90	DH
655	Final Inspection						5-14-91	DH
	A) Headspace							
	B) Trigger Pull	2.14	2.22	2.25	2.14	2.20	5/10/91	JH
	C) Function						5-14-91	DH
660	Pack						6-18-91	N

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C6523450

DATE 4/25/91

TESTER JRP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.42	2.46	2.44	2.14	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.39	2.38	2.40	2.22	
PULL #3	2.47	2.57	2.49	2.25	
PULL #4	2.20	2.45	2.44	2.14	
PULL #5	2.42	2.43	2.48	2.20	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.56	3.51		
PULL #2	3.43	3.50		
PULL #3	3.46	3.56		
PULL #4	3.24	3.45		
PULL #5	3.49	3.44		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.30	4.32		4.29
PULL #2	4.24	4.24		4.38
PULL #3	4.25	4.26		4.45
PULL #4	4.19	4.26		4.43
PULL #5	4.26	4.14		4.36
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523450
29 Apr 1991

CENTROIDAL DISTANCES

0 TO	1	.0577062
1 TO	2	.246733
1 TO	3	.277834
1 TO	4	.180236
1 TO	5	.129

~~4E~~ ³ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0718
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1324
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .150615
THE AMR FOR THIS RIFLE IS: .9032

29 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8523450

CENTERFIRE PATTERNS # 1

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 10

HS= 2.615

VS= 1.769

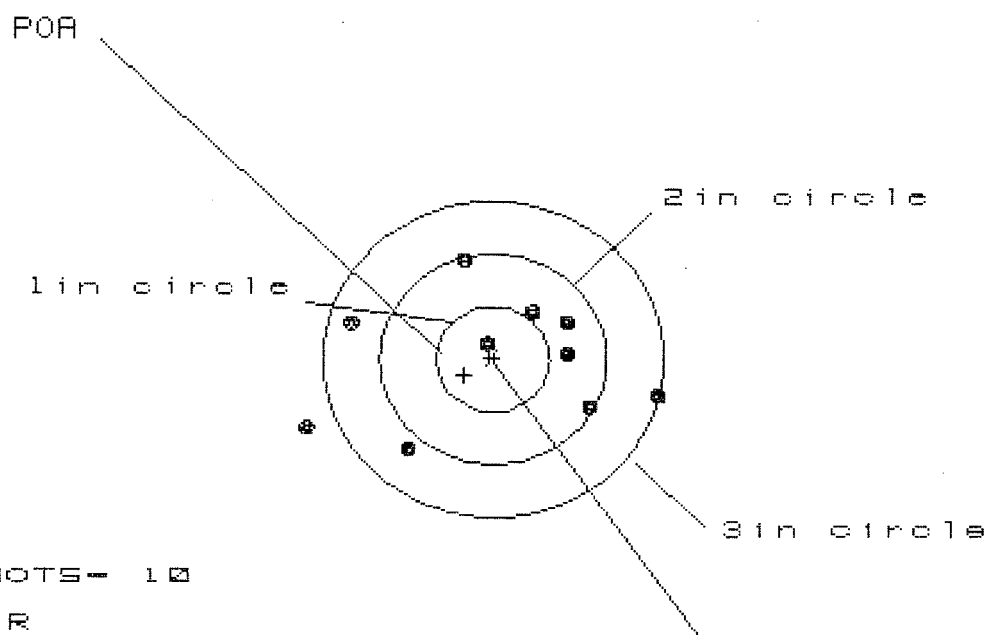
GS= 2.643

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.267	1.117	.708
MINIMUM X	:	-1.348	-1.078	-.938
MAXIMUM Y	:	.906	.962	.983
MINIMUM Y	:	-.863	-.807	-.786
CENTROID X	:	.027	.177	.037
CENTROID Y	:	.051	-.005	-.026
POA TO CENTROID in.	:	.058	.177	.045
MIN RADIUS	:	.298	.158	.245
MEAN RADIUS	:	.883	.782	.756
MAX RADIUS	:	1.438	1.130	1.058
HORIZONTAL SPREAD	:	2.615	2.195	1.646
VERTICAL SPREAD	:	1.769	1.769	1.769
EXTREME SPREAD	:	2.643	2.231	2.021
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

29 Apr 1991

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 9

HS= 3.035

VS= 1.757

GS= 3.059

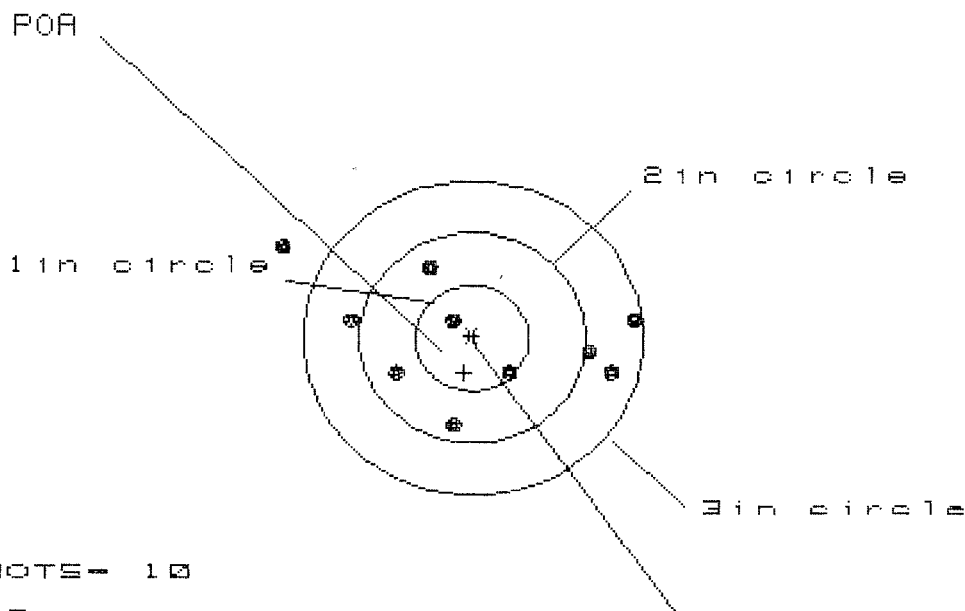
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.405	1.224	.860
MINIMUM X	:	-1.630	-1.391	-1.238
MAXIMUM Y	:	.928	.851	.802
MINIMUM Y	:	-.829	-.906	-.955
CENTROID X	:	.253	.434	.281
CENTROID Y	:	.150	.227	.276
POA TO CENTROID in.	:	.294	.490	.394
MIN RADIUS	:	.154	.278	.121
MEAN RADIUS	:	.953	.821	.763
MAX RADIUS	:	1.771	1.424	1.264
HORIZONTAL SPREAD	:	3.035	2.615	2.098
VERTICAL SPREAD	:	1.757	1.757	1.757
EXTREME SPREAD	:	3.059	2.706	2.242
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 9

HS= 3.132

VS= 1.715

GS= 3.211

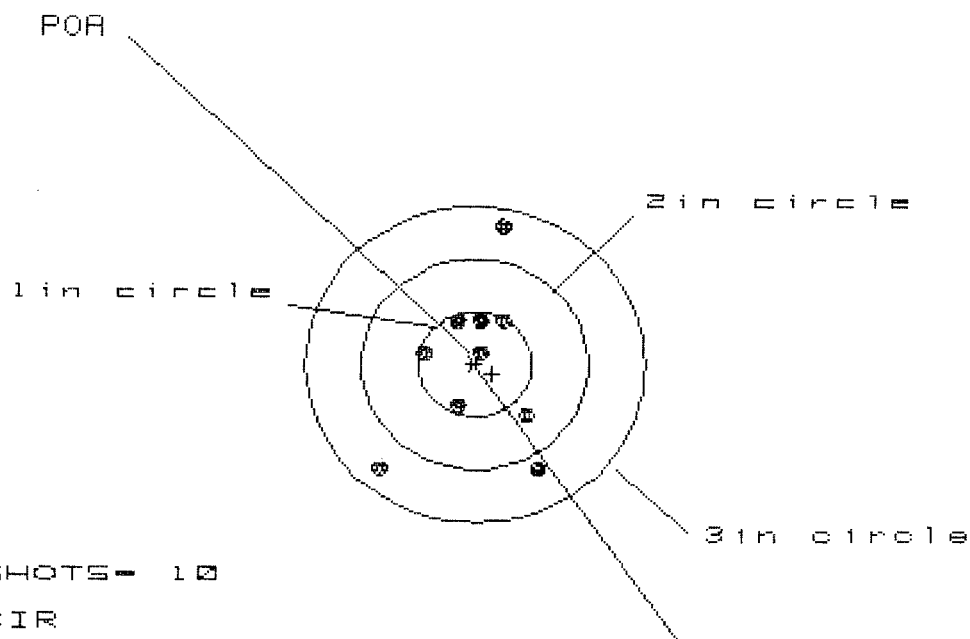
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.436	1.247	1.203
MINIMUM X	:	-1.696	-1.219	-1.063
MAXIMUM Y	:	.878	.741	.775
MINIMUM Y	:	-.837	-.740	-.706
CENTROID X	:	.073	.262	.106
CENTROID Y	:	.325	.228	.194
POA TO CENTROID in.	:	.333	.347	.221
MIN RADIUS	:	.254	.290	.376
MEAN RADIUS	:	.975	.862	.794
MAX RADIUS	:	1.910	1.276	1.226
HORIZONTAL SPREAD	:	3.132	2.466	2.266
VERTICAL SPREAD	:	1.715	1.481	1.481
EXTREME SPREAD	:	3.211	2.466	2.319
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

29 Apr 1991

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CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1 in = 5

2 in = 7

3 in = 10

HS= 1.351

VS= 2.380

GS= 2.630

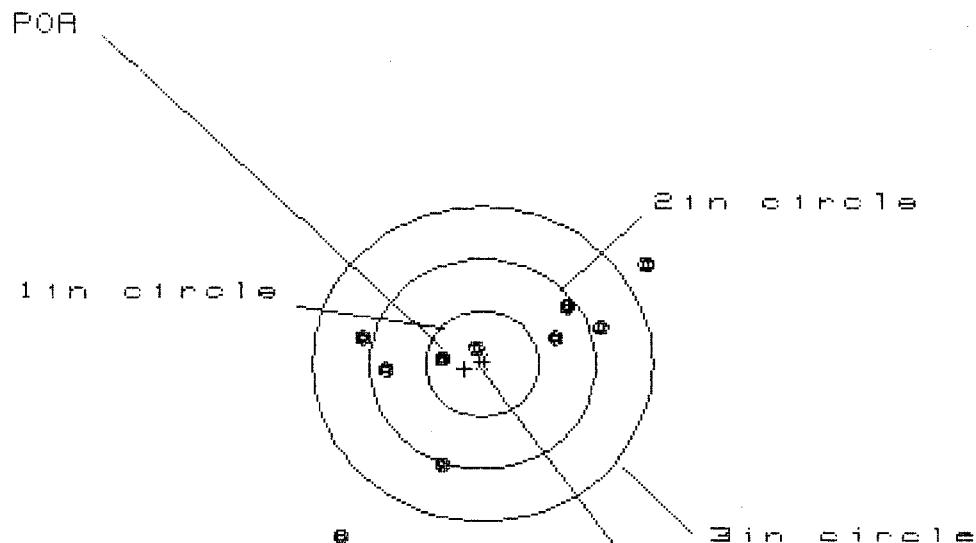
CENTROID *

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.511	.542	.441
MINIMUM X	:	-.840	-.809	-.550
MAXIMUM Y	:	1.350	.605	.494
MINIMUM Y	:	-1.030	-.880	-.958
CENTROID X	:	-.150	-.181	-.080
CENTROID Y	:	.085	-.065	.046
POA TO CENTROID in.	:	.173	.192	.092
MIN RADIUS	:	.114	.264	.140
MEAN RADIUS	:	.685	.626	.526
MAX RADIUS	:	1.378	1.196	1.054
HORIZONTAL SPREAD	:	1.351	1.351	.991
VERTICAL SPREAD	:	2.380	1.485	1.452
EXTREME SPREAD	:	2.630	1.812	1.526
NUMBER IN ONE INCH CIRCLE =	:	5		
NUMBER IN TWO INCH CIRCLE =	:	7		
NUMBER IN THREE INCH CIRCLE =	:	10		

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CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1in = 2

2in = 6

3in = 8

HS = 2.748

VS = 2.638

GS = 3.809

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.493	1.354	1.105
MINIMUM X	:	-1.255	-1.230	-1.061
MAXIMUM Y	:	.950	.762	.495
MINIMUM Y	:	-1.688	-1.094	-.999
CENTROID X	:	.156	.295	.126
CENTROID Y	:	.051	.239	.144
POA TO CENTROID in.	:	.164	.380	.191
MIN RADIUS	:	.197	.167	.102
MEAN RADIUS	:	1.020	.880	.773
MAX RADIUS	:	2.103	1.554	1.128
HORIZONTAL SPREAD	:	2.748	2.584	2.166
VERTICAL SPREAD	:	2.638	1.856	1.494
EXTREME SPREAD	:	3.809	2.673	2.167
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	