

C6648958

MODEL 760TM N24

Model **SWS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

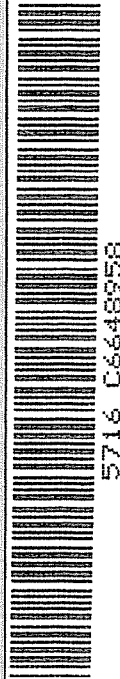
Remington[®] **DUPONT**
REG. U.S. PAT. & TM. OFF.

MODEL 700TM H24

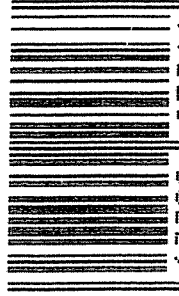
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada. Marque Deposee.

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

SERIAL NO. 06648958	ORDER NO. 5716
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UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6648958

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		7/24/91	KL
600	Proof		7/24/91	KL
607	Check Headspace		7/24/91	KL
610	Dis-assemble Gun		7/24/91	KL
612	Magnaflux Barrel Action		AUG 7 1991	KR
	Magnaflux Bolt		AUG 7 1991	KR
615	Rollmark Caliber		AUG 7 1991	LS
617	Drill and Tap Sight Holes		AUG 7 1991	LB
618	Polish Barrel		AUG 13 1991	WB
620	Apply Coatings (Barrel Action)		7-27-91	KL
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		9/4/91	KL
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/4/91	KL
	C) Inspect Ejector Hole for Chamfer		9/4/91	KL
	D) Oil Firing Pin Ass'y		9/4/91	KL
	E) Adjust Trigger Pull to Min Setting and Stake		9/4/91	KL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			9/9/91	RU
	G) Safety Off Force	3	3	3			9/9/91	RU
	H) Trigger Pull Test & Retainability						9/9/91	RU
	I) Firing Pin Indent	.0215	.0215	.0215			9/9/91	RU
	J) Assemble Stock						9/9/91	RU
	K) Assemble Swivel Studs						9-13-91	D/H
	L) Attach Front and Rear Sight Assemblies						9/9/91	RU
	M) Iron Sight Alignment						9/9/91	RU
	N) Detach Front & Rear Sights & place in numbered container						9/9/91	RU
	O) Attach Scope to Rifle						9/9/91	RU
	P) Detach & Attach Scope 20 Times						9/9/91	RU
640	Gallery Target & Test						9-10-91	RF
	A) Time						"	RF
	B) Malfunctions						"	RF
	C) Pierced Primers						"	RF
	D) Optical Clarity of Scope						"	RF
645	Inspect for Live Ammo						9-10-91	RF
655	Final Inspection							
	A) Headspace						9-13-91	D/H
	B) Trigger Pull	2.68	2.60	2.63	2.59	2.64	9-12-91	RU
	C) Function						9-13-91	D/H
660	Pack						9-19-91	RF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C-6648958

DATE 9-9-91

TESTER JM

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.41	2.41	2.43	2.68	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.34	2.34	2.78	2.60	
PULL #3	2.35	2.45	2.44	2.63	
PULL #4	2.35	2.37	2.40	2.59	
PULL #5	2.38	2.38	2.41	2.64	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.33	3.29		
PULL #2	3.34	3.23		
PULL #3	3.35	3.20		
PULL #4	3.30	3.22		
PULL #5	3.32	3.27		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.56	4.52		4.59
PULL #2	4.52	4.55		4.57
PULL #3	4.54	4.53		4.56
PULL #4	4.52	4.54		4.54
PULL #5	4.53	4.55		4.54
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06648958
11 Sep 1991

CENTROIDAL DISTANCE

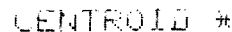
0 TO 1	.256813
1 TO 2	.206422
1 TO 3	.364589
1 TO 4	.306529
1 TO 5	.356707

$\sigma^2_{\bar{P}_3}$ <----FOR

STDEV FOR THIS RIFLE IS: .1424
STDEV FOR THIS RIFLE IS: .1106
STDEV FOR THIS RIFLE IS: .1114
1.069

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FOIA



IN CIR

217 - 5

315 = 0

145- E. 417

2.481

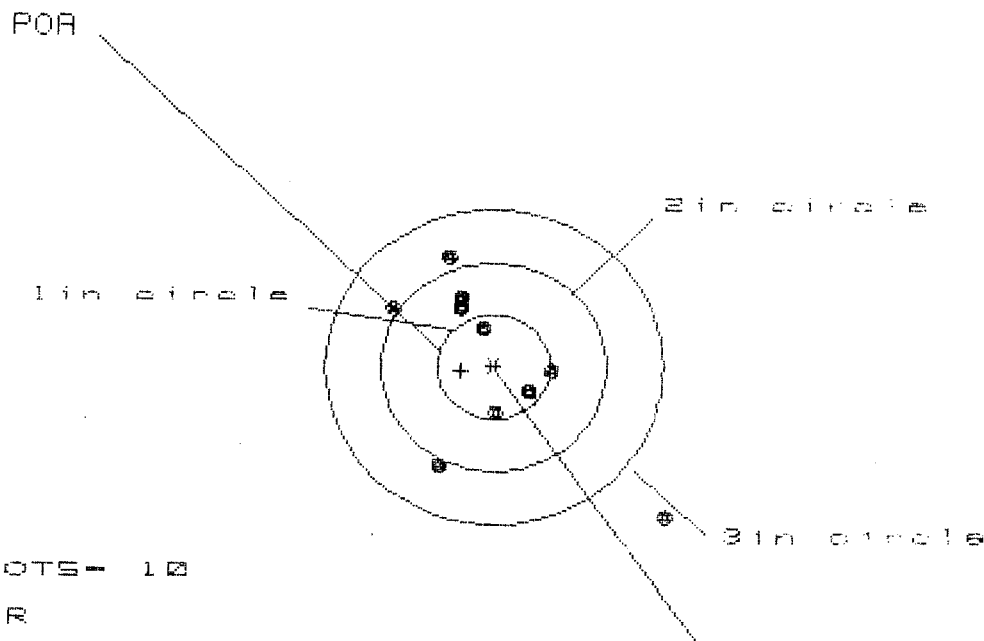
$$u_0 = 0.447$$

FILE	=	3
INFILE	=	6
AROLE	=	8

11 Sep 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C664B358

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 4

2in = 6

3in = 8

HS- 2.462

CS- 2.482

SS- 3.183

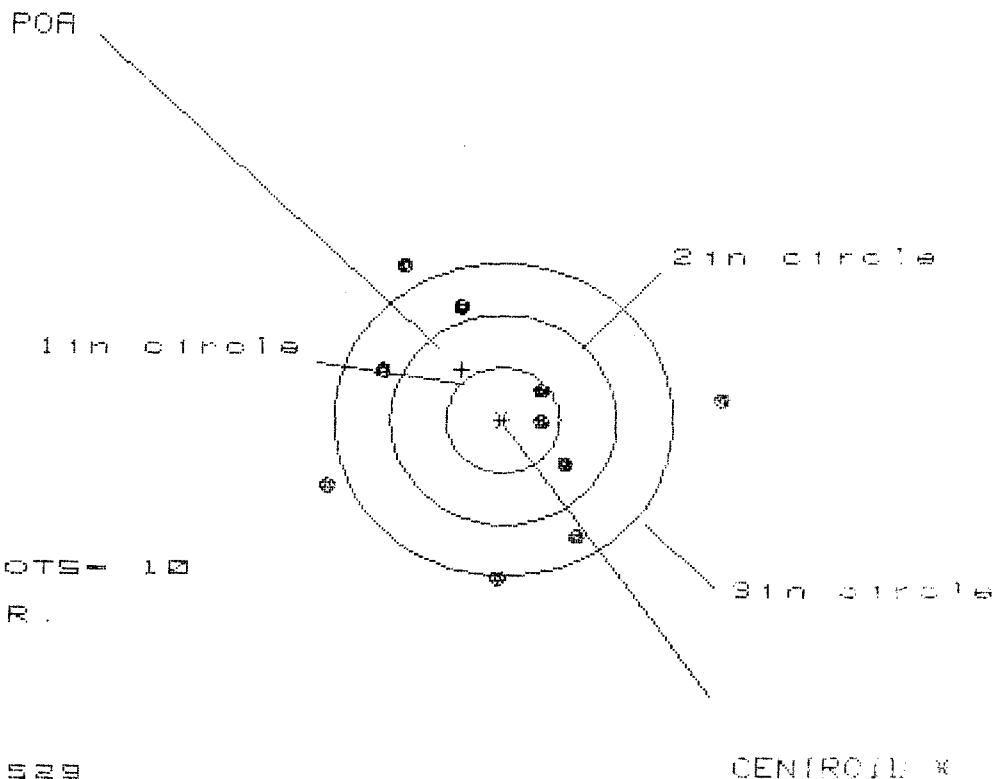
CENTROID +

PATTERN #	:	2		
SHOTS - BEST OF	:	10	9	8
MAXIMUM X	:	1.534	.664	.641
MINIMUM X	:	-.928	-.758	-.780
MAXIMUM Y	:	1.017	.853	.537
MINIMUM Y	:	-1.475	-1.111	-1.004
CENTROID X	:	.290	.120	.143
CENTROID Y	:	.037	.201	.095
CL TO CENTROID IN.	:	.292	.234	.171
1IN RADIUS	:	.376	.205	.305
2IN RADIUS	:	.840	.662	.644
3IN RADIUS	:	2.128	1.145	1.048
1IN CIRCULAR SPREAD	:	2.462	1.422	1.422
2IN CIRCULAR SPREAD	:	2.492	1.964	1.591
3IN CIRCULAR SPREAD	:	3.183	1.966	1.602
SHOTS IN 1IN CIRCLE	=	4		
SHOTS IN 2IN CIRCLE	=	6		
SHOTS IN 3IN CIRCLE	=	9		

1 Sep 1991

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR.

1in = 2

2in = 3

3in = 7

HS= 3.529

VS= 2.970

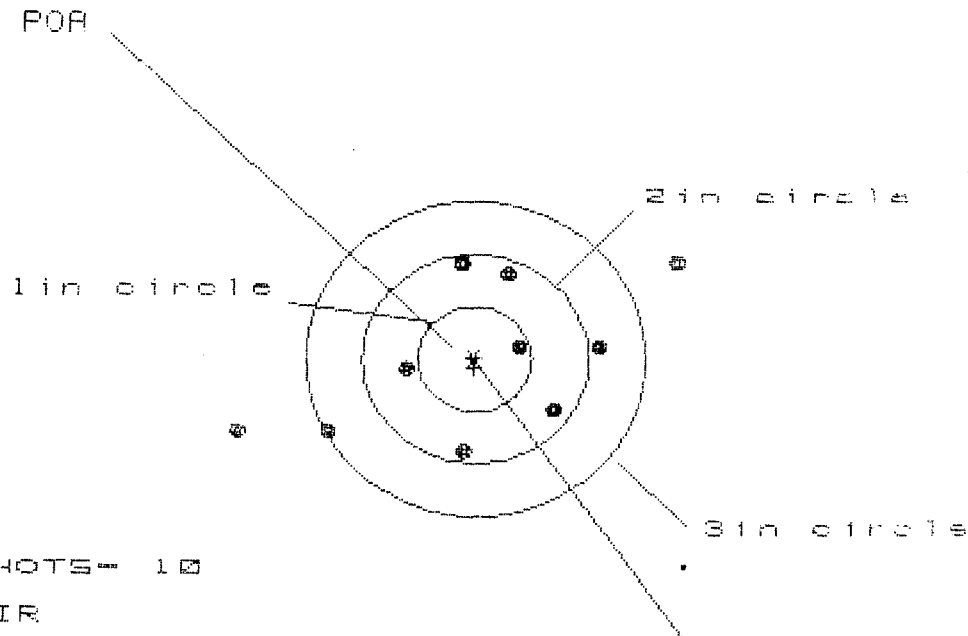
SS= 3.614

PATTERN #	:	3		
SHOTS - BEST OF	:	10	9	8
MAXIMUM X	:	1.978	.896	.821
MINIMUM X	:	-1.551	-1.331	-1.406
MAXIMUM Y	:	1.494	1.515	1.328
MINIMUM Y	:	-1.476	-1.455	-1.266
CENTROID X	:	.362	.142	.217
CENTROID Y	:	-.482	-.503	-.692
PER TO CENTROID IN.	:	.603	.523	.725
MIN RADIUS	:	.330	.550	.517
MEAN RADIUS	:	1.198	1.131	1.053
MA RADIUS	:	1.986	1.628	1.457
HORIZONTAL SPREAD	:	3.529	2.227	2.227
VERTICAL SPREAD	:	2.970	2.970	2.594
DIAGONAL SPREAD	:	3.614	3.063	2.615
SHOTS IN ONE INCH CIRCLE	=		2	
SHOTS IN TWO INCH CIRCLE	=		3	
SHOTS IN THREE INCH CIRCLE	=		7	

Sep 1931

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 3.826

VS= 1.893

GS= 4.137

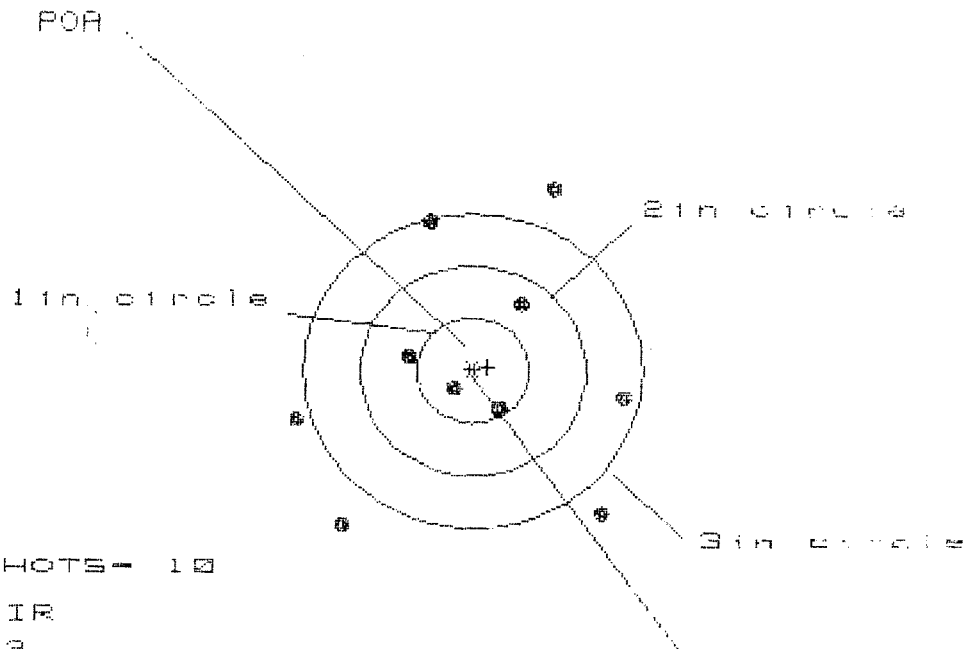
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.741	1.509	1.058
MINIMUM X	:	-2.085	-1.524	-1.335
MAXIMUM Y	:	.962	.884	.933
MINIMUM Y	:	-.930	-1.009	-.910
CENTROID X	:	.009	.241	.052
CENTROID Y	:	.082	.161	.062
POA TO CENTROID (IN)	:	.083	.290	.081
MAX RADIOS	:	.445	.205	.408
MIN RADIOS	:	1.135	.977	.896
MAX SHOTS	:	2.202	1.713	1.500
MAXIMUM X-RANGE	:	3.926	3.033	2.393
MAXIMUM Y-RANGE	:	1.893	1.893	1.893
MAXIMUM X-RANGE	:	4.137	3.417	2.531
MAXIMUM X-RANGE INCH CIRCLE	=		1	
MAXIMUM Y-RANGE INCH CIRCLE	=		6	
MAXIMUM X-RANGE INCH CIRCLE	=		8	

1 Sep 1931

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 4

3 in = 6

IS = 2.940

S = 3.170

OS = 3.681

CENTROID

PATTERN #	5		
NO. OF SHOTS	10	9	8
MEAN	1.367	1.447	1.313
MINIMUM	-1.573	-1.493	-1.627
MAXIMUM	1.752	1.607	1.454
MINIMUM	-1.418	-1.224	-1.271
MAXIMUM	-.131	-.211	-.077
MINIMUM	-.038	-.232	-.079
MEAN	.136	.314	.110
MEAN	.255	.126	.150
MEAN	1.202	1.109	1.015
MEAN	1.993	1.657	1.639
MEAN	2.940	2.940	2.940
MEAN	3.170	2.831	2.715
MEAN	3.681	3.135	3.135
MEAN	INC4 CIRCLE =	2	
MEAN	INC4 CIRCLE =	4	
MEAN	INC4 CIRCLE =	6	