

C6594575

MODEL 780™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

*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

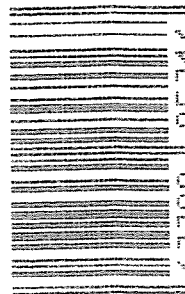
SERIAL NO.
 C6594575

ORDER NO.
 5716



5716 C6594575

LPC



0 47700 25716 2

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6594575

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1228	90	RW
600	Proof	1228	90	RW
607	Check Headspace	1228	90	RW
610	Dis-assemble Gun	1228	90	RW
612	Magnaflux Barrel Action		1-7-91	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	GL
617	Drill and Tap Sight Holes	1 10 91		FB
618	Polish Barrel	1 10 91		WB
620	Apply Coatings (Barrel Action)		1-12-91	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		1/19/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/19/91	RW
	C) Inspect Ejector Hole for Chamfer		1/19/91	RW
	D) Oil Firing Pin Ass'y		1/19/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		1-25-91	JM

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 1/2	4 1/2	4 1/2			1/28/91	WLB
	G) Safety Off Force	2 1/4	2 1/4	2 1/4			1/28/91	WLB
	H) Trigger Pull Test & Retainability						1-25-91	XL
	I) Firing Pin Indent	.0225	.0225	.0225			1/28/91	WLB
	J) Assemble Stock						1/29/91	RW
	K) Assemble Swivel Studs						2-4-91	AC
	L) Attach Front and Rear Sight Assemblies						1/29/91	RW
	M) Iron Sight Alignment						1/29/91	RW
	N) Detach Front & Rear Sights & place in numbered container						1/29/91	RW
	O) Attach Scope to Rifle						1/29/91	RW
	P) Detach & Attach Scope 20 Times						1/29/91	RW
640	Gallery Target & Test						1-30-91	AC
	A) Time						1-30-91	AC
	B) Malfunctions						1-30-91	AC
	C) Pierced Primers						1-30-91	AC
	D) Optical Clarity of Scope						1-30-91	AC
645	Inspect for Live Ammo						1-30-91	AC
655	Final Inspection							
	A) Headspace						2-4-91	AC
	B) Trigger Pull	2.19	2.18	2.24	2.28	2.20	2-4-91	XL
	C) Function						2-4-91	AC
660	Pack						3-18-91	VF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6594575

DATE 1-25-91

TESTER JLL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.33	2.38	2.53	2.19	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.33	2.26	2.54	2.18	
PULL #3	2.37	2.20	2.45	2.24	
PULL #4	2.39	2.40	2.40	2.28	
PULL #5	2.39	2.31	2.36	2.20	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.38	3.14		
PULL #2	3.34	3.34		
PULL #3	3.35	3.50		
PULL #4	3.28	3.23		
PULL #5	3.34	3.33		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.40	4.54		4.54
PULL #2	4.34	4.41		4.43
PULL #3	4.39	4.46		4.53
PULL #4	4.22	4.39		4.54
PULL #5	4.19	4.35		4.45
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594575
30 Jan 1991

CENTROIDAL DISTANCES

0 TO	1	.31295
1 TO	2	.45296
1 TO	3	.51519
1 TO	4	.265887
1 TO	5	.326014

$\frac{1}{3}x^2$ <----POA

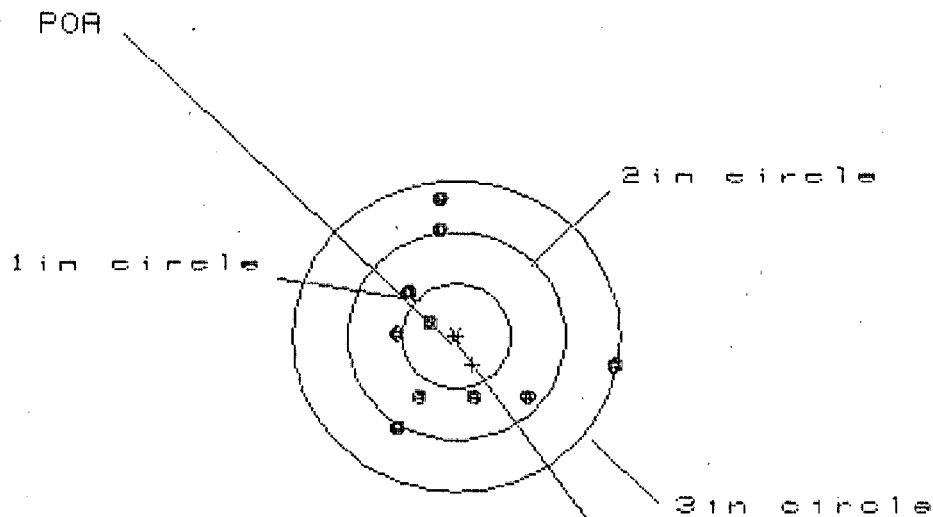
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .012
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0486
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0500596

THE AMR FOR THIS RIFLE IS: .8664

30 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594575

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 7

3 in = 10

HS= 1.962

VS= 2.285

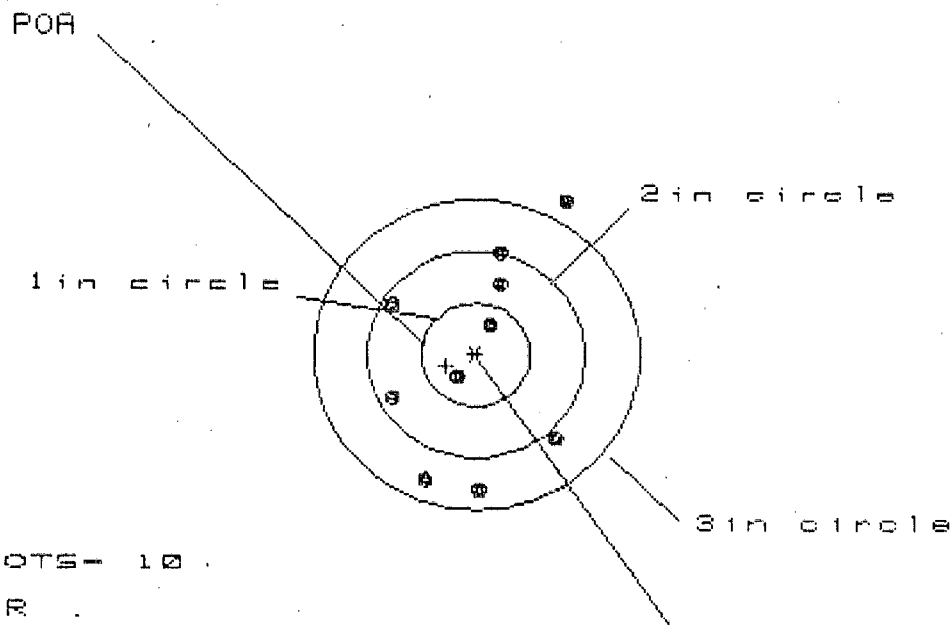
GS= 2.323

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.407	.840	.842
MINIMUM X	-.555	-.398	-.396
MAXIMUM Y	1.364	1.333	1.128
MINIMUM Y	-.921	-.952	-.785
CENTROID X	-.153	-.310	-.312
CENTROID Y	.273	.304	.137
POA TO CENTROID in.	.313	.434	.340
MIN RADIUS	.249	.095	.235
MEAN RADIUS	.842	.739	.659
MAX RADIUS	1.433	1.334	1.129
HORIZONTAL SPREAD	1.962	1.238	1.238
VERTICAL SPREAD	2.285	2.285	1.913
EXTREME SPREAD	2.323	2.323	1.964
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

30 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594575

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS= 1.661

VS= 2.766

GS= 2.973

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.857	.829	.846
MINIMUM X	-.803	-.708	-.692
MAXIMUM Y	1.455	1.118	.975
MINIMUM Y	-1.311	-1.150	-1.200
CENTROID X	.270	.175	.158
CENTROID Y	.111	-.050	.093
POA TO CENTROID in.	.292	.182	.184
MIN RADIUS	.297	.113	.228
MEAN RADIUS	.959	.864	.816
MAX RADIUS	1.689	1.170	1.245
HORIZONTAL SPREAD	1.661	1.537	1.537
VERTICAL SPREAD	2.766	2.268	2.175
EXTREME SPREAD	2.973	2.282	2.282
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

30 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06594575

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in = 3

2 in = 7

3 in = 10

HS = 1.364

VS = 2.273

GS = 2.441

CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.612	.678	.591
MINIMUM X	:	-.752	-.686	-.601
MAXIMUM Y	:	1.064	.930	.955
MINIMUM Y	:	-1.209	-.832	-.716
CENTROID X	:	-.139	-.205	-.290
CENTROID Y	:	-.242	-.108	-.224
POA TO CENTROID in.	:	.279	.232	.366
MIN RADIUS	:	.074	.097	.133
MEAN RADIUS	:	.734	.658	.581
MAX RADIUS	:	1.350	1.151	1.014
HORIZONTAL SPREAD	:	1.364	1.364	1.192
VERTICAL SPREAD	:	2.273	1.762	1.671
EXTREME SPREAD	:	2.441	1.888	1.823
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			7	
NUMBER IN THREE INCH CIRCLE =			10	

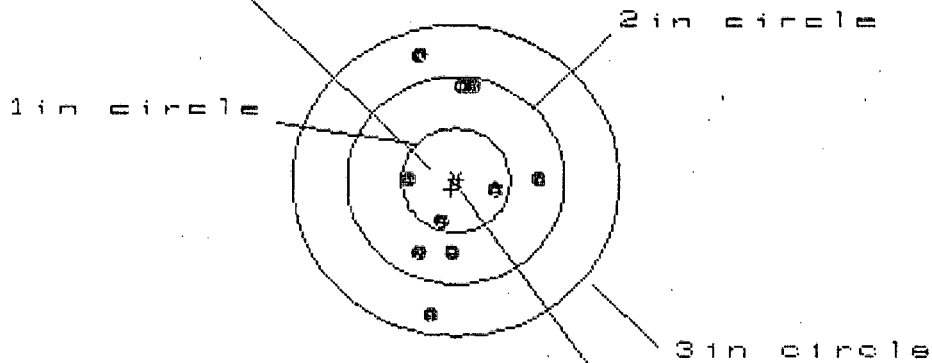
30 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8594575

CENTERFIRE PATTERNS

4

POA



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 8

3 in = 10

IS= 1.232

VS= 2.457

GS= 2.461

CENTROID *

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.779	.756	.711
MINIMUM X	-.453	-.476	-.521
MAXIMUM Y	1.203	1.063	.909
MINIMUM Y	-1.254	-.813	-.680
CENTROID X	.037	.060	.105
CENTROID Y	.087	.227	.094
POA TO CENTROID in.	.095	.235	.141
MIN RADIUS	.360	.420	.335
MEAN RADIUS	.773	.724	.649
MAX RADIUS	1.271	1.123	.912
HORIZONTAL SPREAD	1.232	1.232	1.232
VERTICAL SPREAD	2.457	1.876	1.589
EXTREME SPREAD	2.461	1.903	1.640
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		

30 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594575

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 2.788

VS= 2.817

GS= 2.836

CENTROID *

PATTERN #

5

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.280

1.253

1.062

MINIMUM X

-1.500

-1.527

-.787

MAXIMUM Y

1.565

.883

.843

MINIMUM Y

-1.253

-1.079

-1.119

CENTROID X

.045

.072

.263

CENTROID Y

.014

-.160

-.120

POA TO CENTROID in.

.047

.176

.289

MIN RADIUS

.363

.286

.379

MEAN RADIUS

1.024

.953

.854

MAX RADIUS

1.583

1.560

1.368

HORIZONTAL SPREAD

2.780

2.780

1.849

VERTICAL SPREAD

2.817

1.962

1.962

EXTREME SPREAD

2.836

2.788

2.160

NUMBER IN ONE INCH CIRCLE =

1

NUMBER IN TWO INCH CIRCLE =

5

NUMBER IN THREE INCH CIRCLE =

8

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 94-18769

INITIAL CUSTOMER ORDER NO.
JJM DAAA09-92-C-0834

W/10X SCOPE M-24 SNIPER W/DEPLOYMENT KIT
ATTN FRED MARTIN

SCOPE 90-0707

DATE RECEIVED 06/14/94	DATE OPENED 06/15/94	DATE CODE	SERIAL NUMBER C6594575	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62 NATO
ACCESSORIES HARD CASE SCOPE MNTS SCOPE BASE SLING STRAP					

FROM:

SHIP TO:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON

AL 36201-5025

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON

AL
36201-5025

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

CUST NO: 098397 C.O.D.

WRITE ☐

PROM. DATE

ESTIMATED

VIA

UPS

GUN CONDITION

- ☐ NEW
- ☐ LIGHTLY WORN
- ☐ WORN
- ☐ VERY WORN
- ☐ UNREPAIRABLE
- ☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
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CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.		B4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

PARTS

COMMENTS

Trigger Assy \$173.31
CTI 50.00
\$223.31

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
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GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
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2/22

OFFICE COPY

RD5925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400019588

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6594575

DATE 2-8-96

TESTER RA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.61	2.74	2.73	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.65	2.61	2.66	
PULL #3	2.71	2.51	2.73	
PULL #4	2.72	2.64	2.65	
PULL #5	2.73	2.64	2.66	
TOTAL	13.42	13.20	13.43	
AVG.	2.68	2.64	2.68	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.13	3.12	
PULL #2	3.15	3.09	
PULL #3	3.05	3.02	
PULL #4	3.07	3.13	
PULL #5	3.11	3.08	
TOTAL	15.51	15.44	
AVG.	3.10	3.08	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.12	4.27		4.16
PULL #2	4.28	4.26		4.15
PULL #3	4.15	4.19		4.26
PULL #4	4.14	4.20		4.20
PULL #5	4.15	4.23		4.32
TOTAL	20.84	21.15		21.09
AVG.	4.16	4.23		4.21

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6594575

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

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 $\frac{3}{4}$	4 $\frac{3}{4}$	4 $\frac{1}{2}$			2/23/96	WOB
	G) Safety Off Force	2 $\frac{1}{2}$	2 $\frac{1}{2}$	2 $\frac{1}{2}$			2/23/96	WOB
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent							
	J) Assemble Stock							
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test						2/23/96	RA
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection						2/24/96	RW
	A) Headspace						2/23/96	WOB
	B) Trigger Pull	2.58	2.56	2.46	2.53	2.54	2/24/96	RW
	C) Function							
660	Pack							