

C6636074

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 95-20292

INITIAL CUSTOMER ORDER NO.

JJM

W/DEPLOYMENT KIT, LEUPOLD 10X SCOPE

DATE RECEIVED 08/16/95 DATE OPENED 08/16/95 DATE CODE SERIAL NUMBER C6636074 NEW SERIAL NUMBER MODEL AND GRADE 700 7.62 NATO
ACCESSORIES SLING STRAP W/STUDS W/SWIVELS SOFT CASE HARD CASE
FRONT SIGHT ONLY

FROM:

SHIP TO:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL 36201

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL 36201

CUST NO: 098397 C.O.D L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

7-23-96

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
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

NEW TRIGGER ASSY
Front & Rear Sight Assy

REPAIRMAN REP	PROOF	CLEAN	TEST Rev	TARGET	PATTERN
GALLERY TESTER Rev	DATE	DATE	DATE 7/29/96	DATE	DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0037394

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. 6636074DATE 7-23-96TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.59	2.72	2.81		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.69	2.75	2.80		
PULL #3	2.68	2.70	2.94		
PULL #4	2.73	2.80	2.82		
PULL #5	2.81	2.72	2.82		
TOTAL	1350	1369	14.19		
AVG.	2.70	2.73	2.83		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.04	3.15		
PULL #2	3.29	3.19		
PULL #3	3.19	3.02		
PULL #4	3.19	3.24		
PULL #5	3.32	3.10		
TOTAL	16.03	15.70		
AVG.	3.20	3.14		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.24	3.93		4.24
PULL #2	4.34	3.94		4.29
PULL #3	4.34	4.02		4.23
PULL #4	4.28	4.02		4.39
PULL #5	4.30	4.06		4.30
TOTAL	21.50	19.97		21.45
AVG.	4.30	3.99		4.29

op. #	BARBER - M24 0037393 OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	5	5	5	8/2	SF		
	G) Safety Off Force	4.5	4	4	8/2	SF		
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.022	.023	.022	8/2	SF		
	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							
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection							
	A) Headspace							
	B) Trigger Pull	2.37	2.44	2.32	2.24	2.30	8/2	SF
	C) Function							
660	Pack							

CONTRACT # DAAA21-87-C-0086

GUN SERIAL

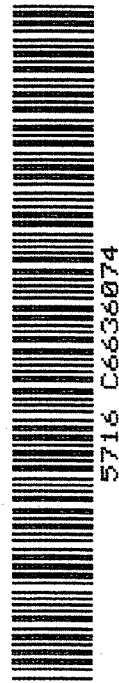
OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock			
600	Proof			
607.	Check Headspace			
610	Dis-assemble Gun			
612	Magnaflux Barrel Action			0
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	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			

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

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

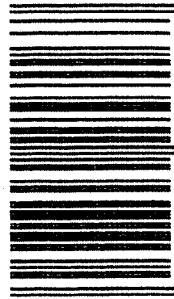
MODEL 700™ H24	SERIAL NO.
	C6636074
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.	ORDER NO.
	5716

46



5716 C6636074

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6636074

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	3 28 91		RW
600	Proof	3 28 91		RW
607	Check Headspace	3 28 91		RW
610	Dis-assemble Gun	3 28 91		RW
612	Magnaflux Barrel Action	APR 2 1991		KR
	Magnaflux Bolt	APR 2 1991		KR
615	Rollmark Caliber	APR 2 1991		JS
617	Drill and Tap Sight Holes	APR 5 1991		KB
618	Polish Barrel	APR 5 1991		WB
620	Apply Coatings (Barrel Action)		4-10-91	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/10/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/10/91	RW
	C) Inspect Ejector Hole for Chamfer		4/10/91	RW
	D) Oil Firing Pin Ass'y		4/10/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4/12/91	TH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			4-15-91	DH
	G) Safety Off Force	3	3	3			4-15-91	DH
	H) Trigger Pull Test & Retainability						4/12/91	RL
	I) Firing Pin Indent	.021	.022	.023			4-15-91	DH
	J) Assemble Stock						4/15/91	Rw
	K) Assemble Swivel Studs						4-17-91	A
	L) Attach Front and Rear Sight Assemblies						4/15/91	Rw
	M) Iron Sight Alignment						4/15/91	Rw
	N) Detach Front & Rear Sights & place in numbered container						4/15/91	Rw
	O) Attach Scope to Rifle						4/15/91	Rw
	P) Detach & Attach Scope 20 Times						4/15/91	Rw
640	Gallery Target & Test						4-15-91	DH
	A) Time						4-15-91	DH
	B) Malfunctions						4-15-91	DH
	C) Pierced Primers						4-15-91	DH
	D) Optical Clarity of Scope						4-15-91	DH
645	Inspect for Live Ammo						4-15-91	DH
655	Final Inspection							
	A) Headspace						4-17-91	A
	B) Trigger Pull	2.44	2.50	2.51	2.45	2.50	4/16/91	RL
	C) Function						4-17-91	A
660	Pack						6-17-91	N

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO C6636074DATE 4/12/91TESTER JR

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.45	2.38	2.40	2.44	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.41	2.25	2.48	2.50	
PULL #3	2.41	2.30	2.36	2.51	
PULL #4	2.39	2.31	2.38	2.45	
PULL #5	2.41	2.42	2.40	2.50	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.39	3.44		
PULL #2	3.45	3.49		
PULL #3	3.25	3.39		
PULL #4	3.39	3.47		
PULL #5	3.41	3.46		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.25	4.24		4.24
PULL #2	4.28	4.26		4.25
PULL #3	4.29	4.22		4.30
PULL #4	4.23	4.25		4.29
PULL #5	4.22	4.24		4.22
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06636074
15 Apr 1991

CENTROIDAL DISTANCES

0 TO	1	.479842
1 TO	2	.684589
1 TO	3	.458904
1 TO	4	.48982
1 TO	5	.230723

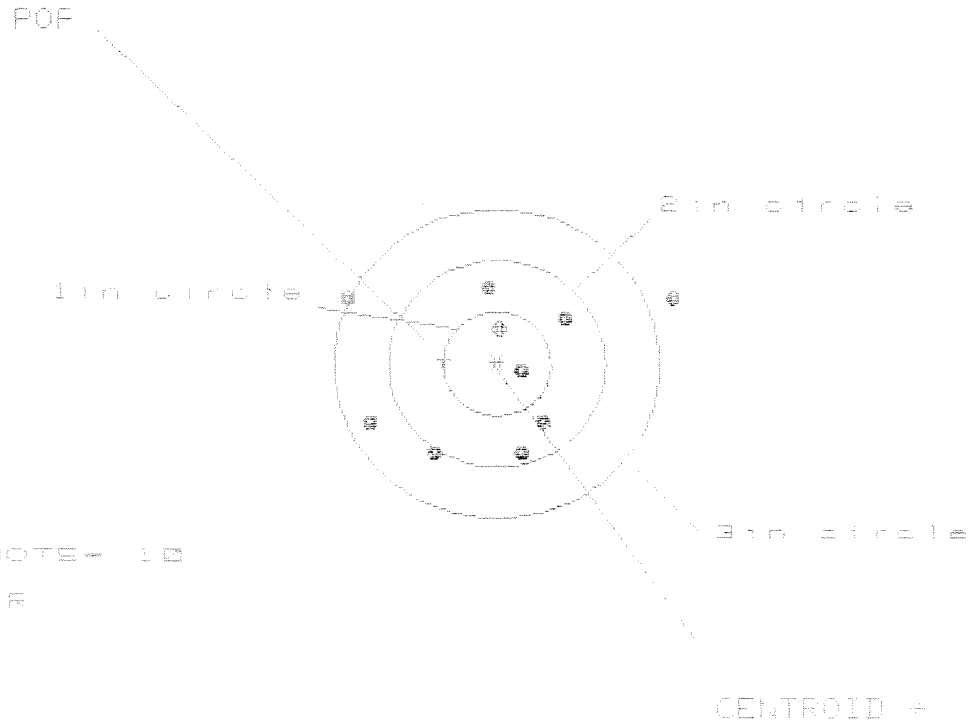
2451 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1378
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0364
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .140305
THE AMR FOR THIS RIFLE IS: .9798

15 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06636074

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1in = 2

2in = 6

3in = 8

XB = 6.864

YB = 7.666

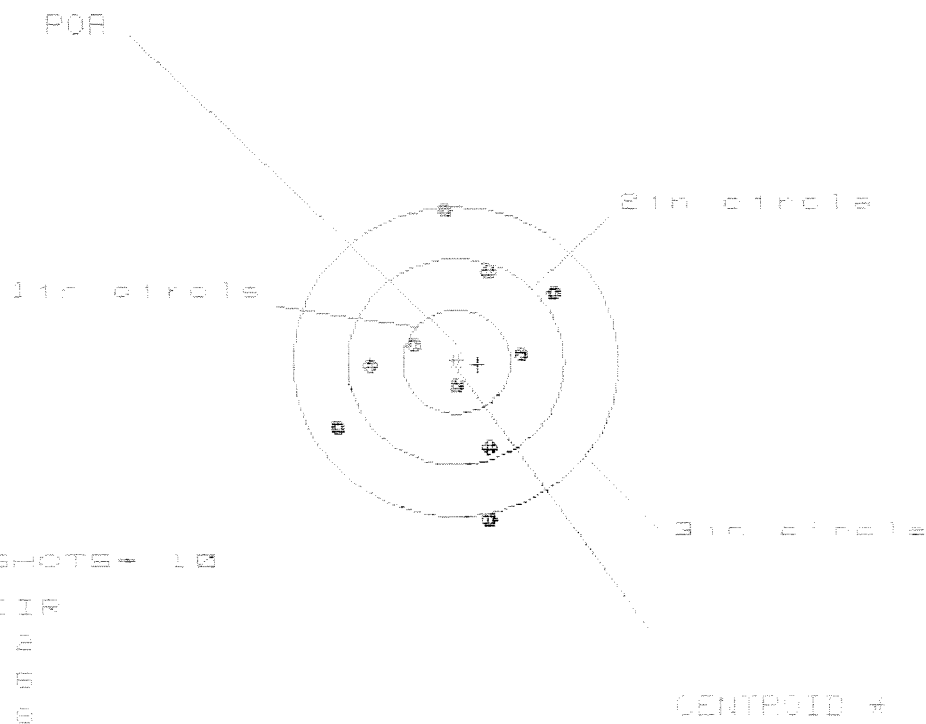
RB = 8.866

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.660	.813	.665
MINIMUM X	-1.364	-1.187	-1.127
MAXIMUM Y	.787	.860	.948
MINIMUM Y	-.899	-.826	-.738
CENTROID X	.478	.381	.449
CENTROID Y	-.842	-.115	-.283
POB TO CENTROID (in)	.488	.322	.493
MIN RADIUS	.288	.381	.259
MEAN RADIUS	.919	.847	.747
MAX RADIUS	1.731	1.380	1.181
HORIZONTAL SPREAD	2.964	2.088	1.792
VERTICAL SPREAD	1.686	1.686	1.686
EXTREME SPREAD	2.996	2.168	2.038
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	6	
NUMBER IN THREE INCH CIRCLE	=	8	

15 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06636074

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

HS = 1.845

VS = 3.056

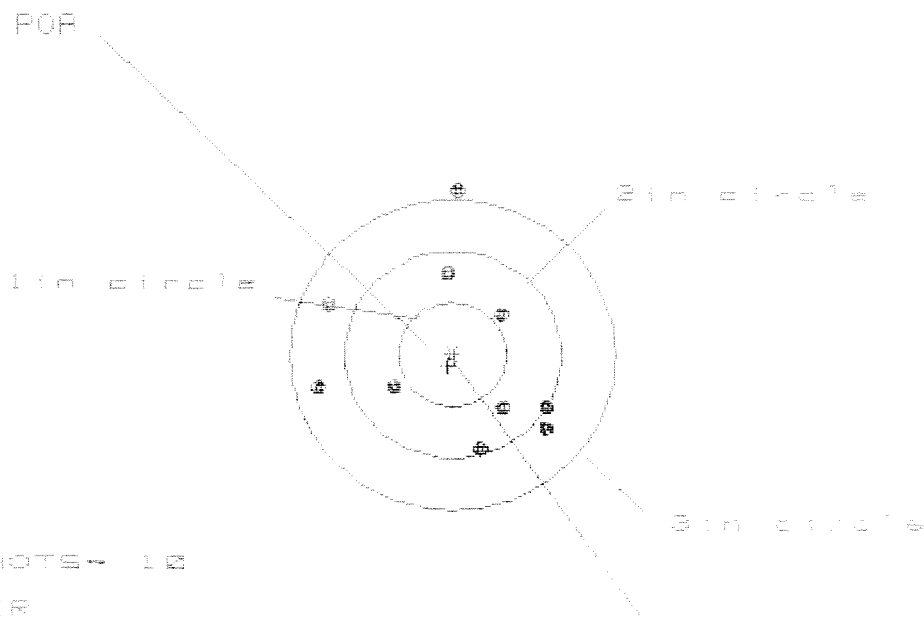
GS = 3.081

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.885	.915	.963
MINIMUM X	-1.060	-1.030	-1.042
MAXIMUM Y	1.496	1.323	.831
MINIMUM Y	-1.560	-1.087	-.842
CENTROID X	-.203	-.233	-.221
CENTROID Y	.028	.201	.036
POA TO CENTROID in.	.204	.308	.224
MIN RADIUS	.264	.318	.270
MEAN RADIUS	.930	.855	.776
MAX RADIUS	1.583	1.326	1.198
HORIZONTAL SPREAD	1.945	1.945	1.945
VERTICAL SPREAD	3.056	2.330	1.673
EXTREME SPREAD	3.081	2.371	2.029
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		8	

15 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6636074

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 6

2 in = 6

3 in = 9

HSI = 2.109

VS = 2.421

GS = 2.428

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	9
MAXIMUM X	.846	.857	.701
MINIMUM X	-1.263	-1.252	-1.320
MAXIMUM Y	1.548	.919	.901
MINIMUM Y	-.873	-.701	-.719
CENTROID X	.045	.034	.196
CENTROID Y	.110	-.062	-.044
POA TO CENTROID in.	.119	.070	.195
MIN RADIUS	.606	.522	.513
MEAN RADIUS	.992	.900	.829
MAX RADIUS	1.551	1.359	1.437
HORIZONTAL SPREAD	2.109	2.109	2.021
VERTICAL SPREAD	2.421	1.620	1.620
EXTREME SPREAD	2.428	2.363	2.363
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

15 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06636074

CENTERFIRE PATTERNS

4

POB

1 in circle

2 in circle

3 in circle

CENTROID +

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 10

1S = 0.107

2S = 0.271

3S = 0.740

PATTERN #

:

4

SHOTS (BEST OF)

:

10

9

8

MAXIMUM X

:

1.102

1.083

.955

MINIMUM X

:

-1.005

-1.024

-1.001

MAXIMUM Y

:

1.380

1.090

1.068

MINIMUM Y

:

-.891

-.737

-.601

CENTROID X

:

.068

.087

.215

CENTROID Y

:

.226

.072

-.064

POB TO CENTROID in.

:

.206

.113

.225

MIN RADIUS

:

.089

.136

.264

MEAN RADIUS

:

.860

.750

.701

MAX RADIUS

:

1.391

1.495

1.090

HORIZONTAL SPREAD

:

2.107

2.107

1.636

VERTICAL SPREAD

:

2.271

1.827

1.669

EXTREME SPREAD

:

2.740

2.740

1.913

NUMBER IN ONE INCH CIRCLE =

2

NUMBER IN TWO INCH CIRCLE =

6

NUMBER IN THREE INCH CIRCLE =

10

15 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6635074

CENTERFIRE PATTERNS

5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS - 10

IN CIR

1 in - 1

2 in - 3

3 in = 7

HS= 2.913

VS= 3.628

GS= 3.893

PATTERN #	:	5	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.636	1.530	1.663
MINIMUM X	:	-1.277	-1.363	-1.192
MAXIMUM Y	:	2.063	1.916	1.058
MINIMUM Y	:	-1.565	-1.236	-1.293
CENTROID X	:	.301	.407	.216
CENTROID Y	:	-.190	-.419	-.461
POA TO CENTROID in.	:	.356	.585	.510
MIN RADIUS	:	.486	.357	.384
MEAN RADIUS	:	1.208	1.057	.986
MAX RADIUS	:	2.275	1.567	1.402
HORIZONTAL SPREAD	:	2.913	2.913	1.855
VERTICAL SPREAD	:	2.628	2.352	2.352
EXTREME SPREAD	:	3.893	2.913	2.589
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	3		
NUMBER IN THREE INCH CIRCLE	=	7		