

C6587585

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.



Remington
MODEL 700™ M24

DUPONT
REG. U.S. PAT. & TM. OFF.

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

SERIAL NO.
C6587585

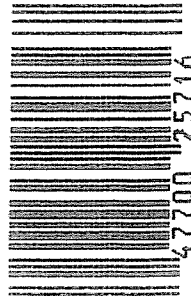
ORDER NO.
5716

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



5716 C6587585

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6587585

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY	10/19/90	KA
600	Proof		10/19/90	KA
607	Check Headspace		10/19/90	KA
610	Dis-assemble Gun		10/19/90	KA
612	Magnaflux Barrel Action		10/22/90	KR
	Magnaflux Bolt		10/22/90	KR
615	Rollmark Caliber		10/27/90	JS
617	Drill and Tap Sight Holes		10/23/90	WB
618	Polish Barrel	WB	10/24/90	WB
620	Apply Coatings (Barrel Action)		11-7-90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/7/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/7/90	KS
	C) Inspect Ejector Hole for Chamfer		11/7/90	KS
	D) Oil Firing Pin Ass'y		11/7/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		11-16-90	JS

BARBER M240023204		READINGS			DATE	INIT
625 cont.	F) Safety On Force	5 3/4	5 3/4	5 3/4	11/15/90	WB
	G) Safety Off Force	3	3	3	11/15/90	WB
	H) Trigger Pull Test & Retainability				11/16/90	JB
	I) Firing Pin Indent	.021	.021	.021	11/15/90	WB
	J) Assemble Stock				11/16/90	KS
	K) Assemble Swivel Studs				11/27/90	JB
	L) Attach Front and Rear Sight Assemblies				11/16/90	KS
	M) Iron Sight Alignment				11/16/90	KS
	N) Detach Front & Rear Sights & place in numbered container				11/16/90	KS
	O) Attach Scope to Rifle				11/16/90	KS
	P) Detach & Attach Scope 20 Times				11/16/90	KS
640	Gallery Target & Test				11-26-90	KT
	A) Time				11-26-90	KT
	B) Malfunctions				11-26-90	KT
	C) Pierced Primers				11-26-90	KT
	D) Optical Clarity of Scope				11-26-90	KT
645	Inspect for Live Ammo				11-26-90	KT
655	Final Inspection				11-27-90	JB
	A) Headspace				11-27-90	JB
	B) Trigger Pull	215	213	210	11-27-90	JB
	C) Function				11-27-90	JB
660	Pack				12/14/90	AF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6587585

DATE 11-16-90

TESTER JLL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.28	2.31	2.25	2.15	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.26	2.26	2.28	2.13	
PULL #3	2.22	2.33	2.22	2.10	
PULL #4	2.18	2.33	2.22	2.13	
PULL #5	2.30	2.24	2.20	2.18	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.40	3.40		
PULL #2	3.39	3.44		
PULL #3	3.40	3.39		
PULL #4	3.43	3.46		
PULL #5	3.43	3.41		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.29	4.23		4.27
PULL #2	4.37	4.23		4.32
PULL #3	4.32	4.20		4.29
PULL #4	4.34	4.20		4.18
PULL #5	4.39	4.25		4.30
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587585
27 Nov 1990

CENTROIDAL DISTANCES

0 TO	1	.24418
1 TO	2	.232125
1 TO	3	.367049
1 TO	4	.330288
1 TO	5	.559679

POI
←----POI

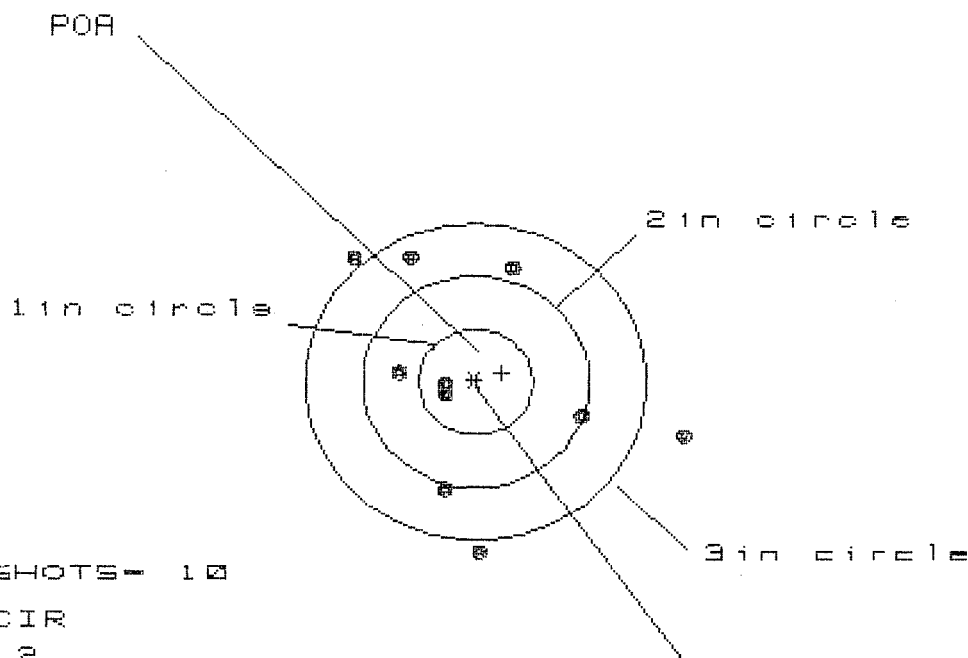
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0288
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0432
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0519199
THE AMR FOR THIS RIFLE IS: 1.215

27 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587585

CENTERFIRE PATTERNS

1



OF SHOTS - 10

IN CIR

1in = 2

2in = 3

3in = 7

HS = 2.832

VS = 2.808

GS = 3.297

CENTROID *

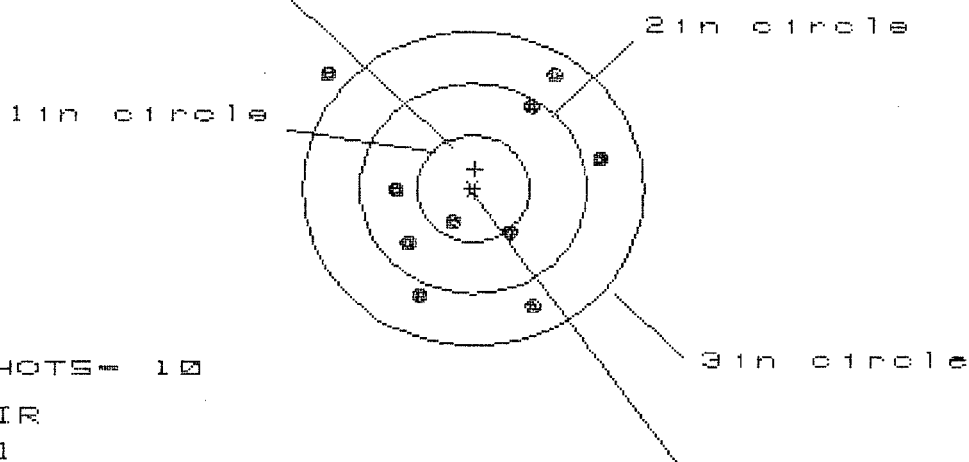
PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.796	1.167	1.197
MINIMUM X	:	-1.036	-.837	-.807
MAXIMUM Y	:	1.221	1.161	.955
MINIMUM Y	:	-1.587	-1.647	-1.254
CENTROID X	:	-.230	-.429	-.459
CENTROID Y	:	-.082	-.022	.184
POA TO CENTROID in.	:	.244	.430	.494
MIN RADIUS	:	.283	.123	.265
MEAN RADIUS	:	1.083	.942	.865
MAX RADIUS	:	1.875	1.664	1.350
HORIZONTAL SPREAD	:	2.832	2.004	2.004
VERTICAL SPREAD	:	2.808	2.808	2.209
EXTREME SPREAD	:	3.297	2.939	2.507
NUMBER IN ONE INCH CIRCLE =	:	2		
NUMBER IN TWO INCH CIRCLE =	:	3		
NUMBER IN THREE INCH CIRCLE =	:	7		

27 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587585

CENTERFIRE PATTERNS # 2

POA



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS = 2.337

VS = 2.199

GS = 2.853

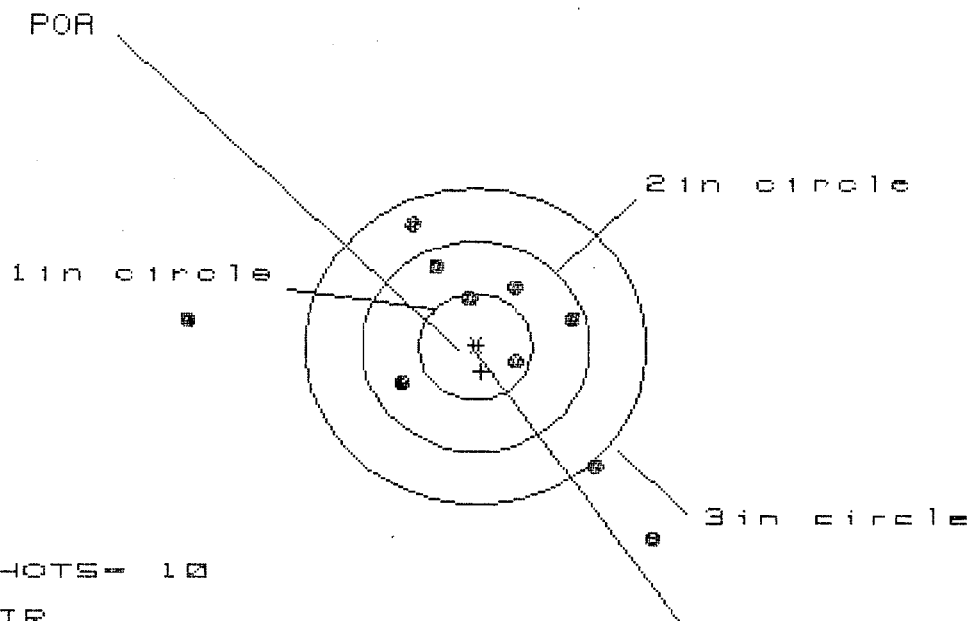
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.077	.937	1.000
MINIMUM X	:	-1.260	-.823	-.752
MAXIMUM Y	:	1.120	1.212	1.097
MINIMUM Y	:	-1.079	-.955	-.803
CENTROID X	:	-.021	.119	.048
CENTROID Y	:	-.183	-.307	-.459
POA TO CENTROID in.	:	.184	.330	.462
MIN RADIUS	:	.379	.355	.229
MEAN RADIUS	:	.976	.875	.779
MAX RADIUS	:	1.686	1.338	1.183
HORIZONTAL SPREAD	:	2.337	1.760	1.760
VERTICAL SPREAD	:	2.199	2.167	1.900
EXTREME SPREAD	:	2.853	2.417	2.089
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

27 Nov 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6587585

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 5

3 in = 7

HS = 4.112

VS = 3.052

GS = 4.622

CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.563	1.280	.963
MINIMUM X	:	-2.549	-.949	-.789
MAXIMUM Y	:	1.174	1.200	.968
MINIMUM Y	:	-1.878	-1.852	-1.331
CENTROID X	:	-.052	.231	.071
CENTROID Y	:	.239	.213	.445
POA TO CENTROID in.	:	.245	.315	.451
MIN RADIUS	:	.415	.148	.329
MEAN RADIUS	:	1.180	1.001	.790
MAX RADIUS	:	2.560	2.251	1.643
HORIZONTAL SPREAD	:	4.112	2.229	1.753
VERTICAL SPREAD	:	3.052	3.052	2.299
EXTREME SPREAD	:	4.622	3.733	2.843
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		7	

27 Nov 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C65875B5

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 0

2 in = 3

3 in = 5

HS = 3.559

VS = 3.939

GS = 4.164

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.675	1.754	1.620
MINIMUM X	:	-1.884	-1.805	-1.586
MAXIMUM Y	:	1.765	1.523	1.320
MINIMUM Y	:	-2.174	-1.623	-1.282
CENTROID X	:	.093	.014	-.205
CENTROID Y	:	-.151	.091	.294
POA TO CENTROID in.	:	.177	.092	.358
MIN RADIUS	:	.655	.523	.355
MEAN RADIUS	:	1.528	1.421	1.270
MAX RADIUS	:	2.287	2.389	1.716
HORIZONTAL SPREAD	:	3.559	3.559	3.206
VERTICAL SPREAD	:	3.939	3.146	2.602
EXTREME SPREAD	:	4.164	4.164	3.259
NUMBER IN ONE INCH CIRCLE =	:	0		
NUMBER IN TWO INCH CIRCLE =	:	3		
NUMBER IN THREE INCH CIRCLE =	:	5		

27 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C65875B5

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 6

HS= 4.427

VS= 3.141

GS= 4.687

CENTROID #

PATTERN #	:	5	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.253	1.245	.979
MINIMUM X	:	-2.374	-2.123	-1.621
MAXIMUM Y	:	1.672	1.112	.803
MINIMUM Y	:	-1.469	-1.284	-1.145
CENTROID X	:	.066	-.185	.081
CENTROID Y	:	.393	.208	.068
POA TO CENTROID in.	:	.399	.278	.106
MIN RADIUS	:	.145	.453	.440
MEAN RADIUS	:	1.308	1.175	.986
MAX RADIUS	:	2.806	2.397	1.631
HORIZONTAL SPREAD	:	4.627	3.368	2.600
VERTICAL SPREAD	:	3.141	2.396	1.948
EXTREME SPREAD	:	4.687	4.131	2.771
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	6		

RECEIVED BARBER M24 0023212 PORT

COMMENTS

ORDER

R94-18051

INITIAL
FDC

CUSTOMER ORDER NO.

DAAA09-92-C-0634

W/10X SCOPE M-24 SNIPER, W/DEPLOYMENT KIT

ATTN: FRED MARTIN

Scope 89-0134

DATE RECEIVED

06/09/94

DATE OPENED

06/09/94

DATE CODE

SERIAL NUMBER

C6587585

NEW SERIAL NUMBER

MODEL AND GRADE

700 7-62

NATO

ACCESSORIES

SLING STRAP

HARD CASE

SCOPE MNTS

SCOPE BASE

FROM:

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

AL 36201-5025

SHIP TO:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTONAL
36201-5025

L CUST NO: 098397 C.O.D L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

FRT

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

✓ Stock \$471.11
Trigger Assy 173.31
Mag Box 2.06
CTV 30.00
\$696.48

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0023212

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

SERIAL NO. 6587585DATE 2-8-96TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.63	2.48	2.68		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.55	2.50	2.69		
PULL #3	2.64	2.54	2.65		
PULL #4	2.62	2.49	2.65		
PULL #5	2.46	2.48	2.65		
TOTAL	12.90	12.49	13.32		
AVG.	2.58	2.49	2.66		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.01	3.07		
PULL #2	3.07	3.03		
PULL #3	3.00	3.08		
PULL #4	3.02	3.03		
PULL #5	3.02	3.05		
TOTAL	15.12	15.26		
AVG.	3.02	3.05		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.31	4.35		4.12
PULL #2	4.34	4.34		4.17
PULL #3	4.34	4.39		4.07
PULL #4	4.35	4.30		4.14
PULL #5	4.35	4.33		4.05
TOTAL	21.69	21.71		20.55
AVG.	4.33	4.34		4.11

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587585

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. #	BARBER - M24 0023215 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			2/23/96	WB
	G) Safety Off Force	2 1/2	2 1/2	2 3/4			2/23/96	WB
	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	AC
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection							
	A) Headspace						2/23/96	RW
	B) Trigger Pull	2.82	2.84	2.81	2.78	2.79	2/23/96	WB
	C) Function						2/23/96	RW
660	Pack							