

C6587648

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



BARBER - M24 9024479 RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 94-18301

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

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

DATE RECEIVED 06/10/94 DATE OPENED 06/10/94 DATE CODE

SERIAL NUMBER C6587648

NEW SERIAL NUMBER

MODEL AND GRADE

700 7-62

NATO

ACCESSORIES

SLING STRAP

HARD CASE

SCOPE MNTS

SCOPE BASE

89-0866

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

CUST NO: 098397 CJO.DL

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

Trigger Assy

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 9024479 24518

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6587648

DATE 10-18-95

TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.53	2.49	2.27		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.70	2.43	2.30		
PULL #3	2.66	2.40	2.41		
PULL #4	2.59	2.40	2.46		
PULL #5	2.50	2.30	2.46		
TOTAL	12.98	12.02	11.90		
AVG.	2.59	2.40	2.38		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.04	3.00		
PULL #2	3.05	2.90		
PULL #3	3.04	3.00		
PULL #4	3.00	2.80		
PULL #5	2.90	2.83		
TOTAL	15.03	14.53		
AVG.	3.00	2.90		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.20	4.21	4.04	
PULL #2	4.20	4.08	3.96	
PULL #3	4.18	4.13	3.86	
PULL #4	4.30	4.02	4.00	
PULL #5	4.20	3.80	3.80	
TOTAL	21.08	20.24	19.66	
AVG.	4.21	4.04	3.93	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 658 7648

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			

BARBER - M24 0024482

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5 1/2			11/27	WB
	G) Safety Off Force	3	3	3 1/2			11/27	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							
	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	2.73	2.64	2.73	2.66	2.68	11/27	WB
	C) Function							
660	Pack							

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

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

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

MODEL 700™ M24

SERIAL NO.
C6587648

ORDER NO.
5716

Ø1

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

5716 C6587648

UPC
0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # *C6587648*

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1019	90	<i>Rw</i>
600	Proof	1019	90	<i>Rw</i>
607	Check Headspace	1019	90	<i>Rw</i>
610	Dis-assemble Gun	1019	90	<i>Rw</i>
612	Magnaflux Barrel Action		10/23/90	KR
	Magnaflux Bolt		10/23/90	KR
615	Rollmark Caliber		10/23/90	LS
617	Drill and Tap Sight Holes		10/26/90	FB
618	Polish Barrel <i>RS</i>		10/29/90	WB
620	Apply Coatings (Barrel Action)		11-7-90	<i>TS</i>
	Apply Coating (Bolt)		11	<i>TS</i>
625	Final Assembly			
	A) Clean inside of Bolt Assembly		11/12/90	<i>Rw</i>
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/12/90	<i>Rw</i>
	C) Inspect Ejector Hole for Chamfer		11/12/90	<i>Rw</i>
	D) Oil Firing Pin Ass'y		11/12/90	<i>Rw</i>
	E) Adjust Trigger Pull to Min Setting and Stake		11/27/90	<i>SL</i>

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 1/2	4 1/2	4 1/2			11/27/90	WLB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			11/27/90	WLB
	H) Trigger Pull Test & Retainability						11/27/90	WLB
	I) Firing Pin Indent	.022	.023	.0225			11/27/90	WLB
	J) Assemble Stock						10/7/90	RW
	K) Assemble Swivel Studs						12-8-90	WLB
	L) Attach Front and Rear Sight Assemblies						12/7/90	RW
	M) Iron Sight Alignment						12/7/90	RW
	N) Detach Front & Rear Sights & place in numbered container						12/7/90	RW
	O) Attach Scope to Rifle						12/7/90	RW
	P) Detach & Attach Scope 20 Times						12/7/90	RW
640	Gallery Target & Test						12/7/90	RJ
	A) Time						"	RJ
	B) Malfunctions						"	RJ
	C) Pierced Primers						"	RJ
	D) Optical Clarity of Scope						"	RJ
645	Inspect for Live Ammo						12/7/90	RJ
655	Final Inspection							
	A) Headspace						12-8-90	WLB
	B) Trigger Pull	2100	250	241	233	224	12-8-90	WLB
	C) Function						12-8-90	WLB
660	Pack						12/18/90	WLB

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 66587648DATE 11-27-90TESTER JEL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.26	2.32	2.33	260	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.27	2.35	2.35	250	
PULL #3	2.23	2.30	2.27	241	
PULL #4	2.25	2.32	2.41	233	
PULL #5	2.32	2.37	2.23	224	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.16	3.46		
PULL #2	3.46	3.45		
PULL #3	3.43	3.27		
PULL #4	3.47	3.16		
PULL #5	3.42	3.21		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.38	4.27		4.17
PULL #2	4.46	4.23		4.24
PULL #3	4.41	4.29		4.18
PULL #4	4.49	4.28		4.23
PULL #5	4.46	4.25		4.37
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587648
8 Dec 1990

CENTROIDAL DISTANCES

0 TO 1	.155901
1 TO 2	.240832
1 TO 3	.468402
1 TO 4	.405494
1 TO 5	.161012

$\frac{1}{25}$ ³ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0362
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .014
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0388129
THE AMR FOR THIS RIFLE IS: 1.004

8 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08587648

CENTERFIRE PATTERNS # 1

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 1

2 in = 4

3 in = 9

HS = 2.239

VS = 2.913

GS = 2.976

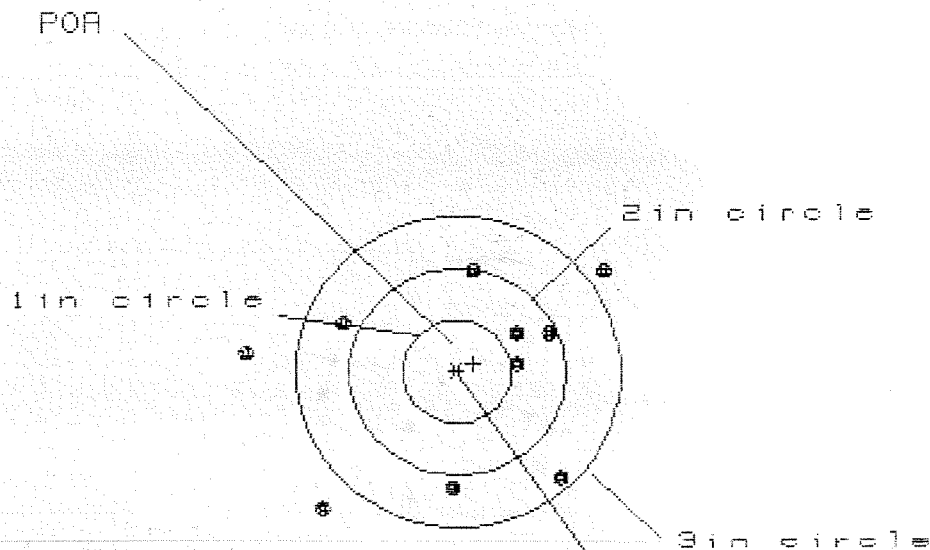
CENTROID #

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.874	.855	.682
MINIMUM X	:	-1.365	-1.384	-1.112
MAXIMUM Y	:	1.715	1.267	1.294
MINIMUM Y	:	-1.198	-1.007	-.980
CENTROID X	:	.089	.108	.281
CENTROID Y	:	-.128	-.319	-.346
POA TO CENTROID in.	:	.156	.336	.445
MIN RADIUS	:	.438	.540	.465
MEAN RADIUS	:	1.063	.971	.892
MAX RADIUS	:	1.723	1.401	1.294
HORIZONTAL SPREAD	:	2.239	2.239	1.794
VERTICAL SPREAD	:	2.913	2.274	2.274
EXTREME SPREAD	:	2.976	2.362	2.284
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

8 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587648

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 0

2 in = 3

3 in = 7

HS = 3.308

VS = 2.376

GS = 3.441

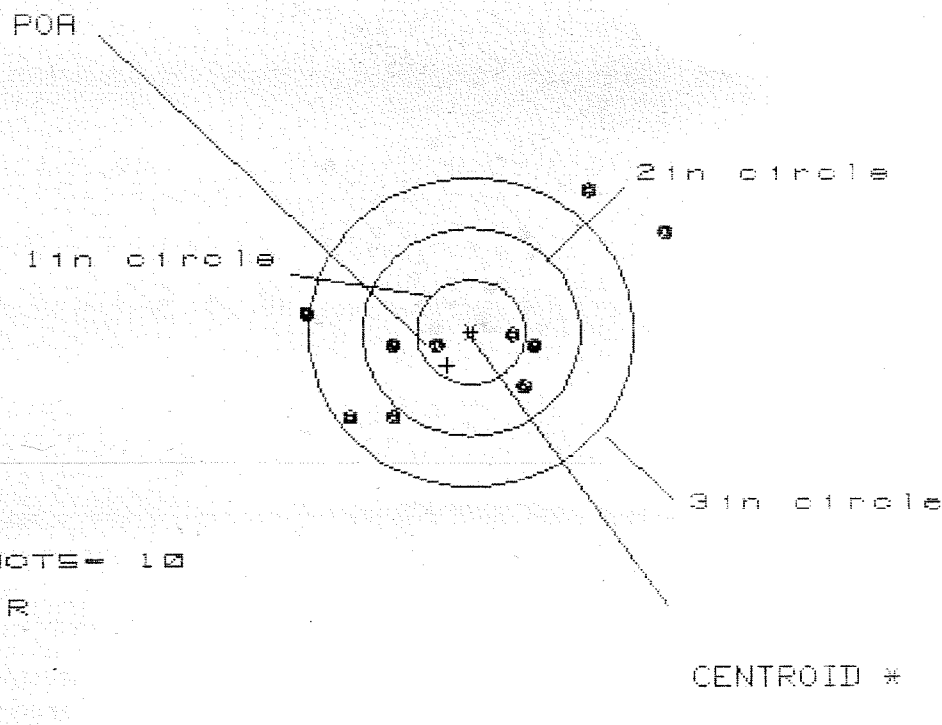
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.324	1.104	.922
MINIMUM X	:	-1.984	-1.455	-1.408
MAXIMUM Y	:	1.020	1.039	.872
MINIMUM Y	:	-1.356	-1.337	-1.235
CENTROID X	:	-.147	.073	.255
CENTROID Y	:	-.080	-.099	.068
POA TO CENTROID in.	:	.167	.123	.264
MIN RADIUS	:	.556	.348	.150
MEAN RADIUS	:	1.216	1.078	.884
MAX RADIUS	:	1.992	1.976	1.436
HORIZONTAL SPREAD	:	3.308	2.559	2.330
VERTICAL SPREAD	:	2.376	2.376	2.107
EXTREME SPREAD	:	3.441	3.441	2.447
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	

8 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8587848

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS = 3.225

VS = 2.237

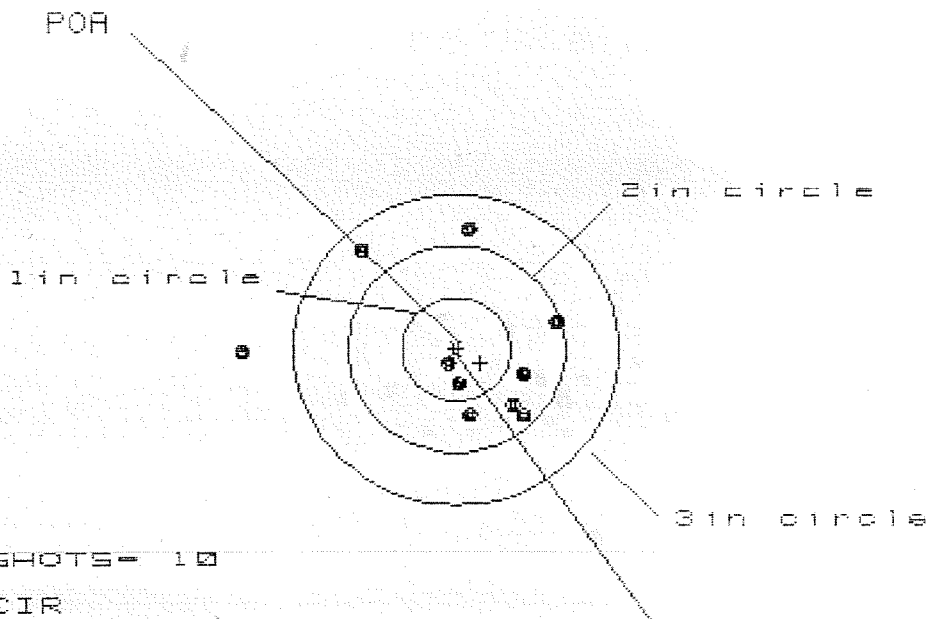
GS = 3.382

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.745
MINIMUM X	-1.480
MAXIMUM Y	1.390
MINIMUM Y	-.847
CENTROID X	.219
CENTROID Y	.322
POA TO CENTROID in.	.389
MIN RADIUS	.311
MEAN RADIUS	1.042
MAX RADIUS	1.995
HORIZONTAL SPREAD	3.225
VERTICAL SPREAD	2.237
EXTREME SPREAD	3.382
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	8

8 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8587640

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS = 2.956

VS = 1.805

GS = 2.974

PATTERN #	4
SHOTS (BEST OF)	10
MAXIMUM X	.949
MINIMUM X	-2.007
MAXIMUM Y	1.180
MINIMUM Y	-.625
CENTROID X	-.223
CENTROID Y	.131
POA TO CENTROID in.	.259
MIN RADIUS	.175
MEAN RADIUS	.885
MAX RADIUS	2.007
HORIZONTAL SPREAD	2.956
VERTICAL SPREAD	1.805
EXTREME SPREAD	2.974
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	7
NUMBER IN THREE INCH CIRCLE =	9

8 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587648

CENTERFIRE PATTERNS

5

POA

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIRCLE

1in = 3

2in = 6

3in = 9

HS = 2.265

VS = 2.127

GS = 2.709

CENTROID #

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.013
MINIMUM X	-1.252
MAXIMUM Y	.622
MINIMUM Y	-1.505
CENTROID X	.243
CENTROID Y	-.175
POA TO CENTROID in.	.299
MIN RADIUS	.151
MEAN RADIUS	.812
MAX RADIUS	1.644
HORIZONTAL SPREAD	2.265
VERTICAL SPREAD	2.127
EXTREME SPREAD	2.709
NUMBER IN ONE INCH CIRCLE	3
NUMBER IN TWO INCH CIRCLE	6
NUMBER IN THREE INCH CIRCLE	9