

C6587642

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Remington®
REG. U.S. PAT. & TM. OFF.

MODEL 700™ M24

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

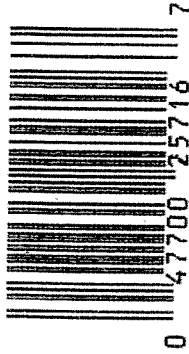
SERIAL NO.
C6587642

ORDER NO.
5716

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

01

UPC



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587642

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/22/90	FS
600	Proof		10/22/90	FS
607	Check Headspace		10/24/90	FS
610	Dis-assemble Gun		10/24/90	FS
612	Magnaflux Barrel Action		10/24/90	KR
	Magnaflux Bolt		11	KR
615	Rollmark Caliber		11	SS
617	Drill and Tap Sight Holes		10/25/90	FB
618	Polish Barrel AB		10/24/90	WB
620	Apply Coatings (Barrel Action)		11-7-90	JA
	Apply Coating (Bolt)		11-7-90	JA
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		11-8-90	GU

op. #	BARBER MEM24 0024296	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	4.0	4.0	4.0	11/7/90	KS		
	G) Safety Off Force	2 1/2	2 3/4	2 3/4	11/7/90	KS		
	H) Trigger Pull Test & Retainability				11/8/90	JH		
	I) Firing Pin Indent	.022	.023	.023	11/7/90	KS		
	J) Assemble Stock				11/9/90	KS		
	K) Assemble Swivel Studs				11/9/90	DH		
	L) Attach Front and Rear Sight Assemblies				11/9/90	KS		
	M) Iron Sight Alignment				11/9/90	KS		
	N) Detach Front & Rear Sights & place in numbered container				11/9/90	KS		
	O) Attach Scope to Rifle				11/9/90	KS		
	P) Detach & Attach Scope 20 Times				11/9/90	KS		
640	Gallery Target & Test				11-12-90	KT		
	A) Time				11-12-90	KT		
	B) Malfunctions				11-12-90	KT		
	C) Pierced Primers				11-12-90	KT		
	D) Optical Clarity of Scope				11-12-90	KT		
645	Inspect for Live Ammo				11-12-90	KT		
655	Final Inspection							
	A) Headspace				11-1990	DH		
	B) Trigger Pull	2.57	2.61	2.77	2.84	2.94	11-1990	DH
	C) Function						11-1990	DH
660	Pack						12-1790	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. 06587642DATE 11-8-90TESTER JRL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.21	2.32	2.44	2.57	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.37	2.35	2.47	2.61	
PULL #3	2.38	2.45	2.47	2.77	
PULL #4	2.38	2.39	2.42	2.84	
PULL #5	2.39	2.42	2.43	2.94	
TOTAL	11.73	11.93	12.23		
AVG.	2.346	2.386	2.446		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.45	3.23		
PULL #2	3.47	3.33		
PULL #3	3.50	3.41		
PULL #4	3.36	3.34		
PULL #5	3.42	3.38		
TOTAL	17.20	16.69		
AVG.	3.44	3.338		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.38	4.32		4.38
PULL #2	4.37	4.26		4.34
PULL #3	4.31	4.38		4.34
PULL #4	4.32	4.39		4.42
PULL #5	4.33	4.28		4.39
TOTAL	21.71	21.63		21.87
AVG.	4.342	4.326		4.374

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587642
13 Nov 1990

CENTROIDAL DISTANCES

0 TO	1	.445313
1 TO	2	.207639
1 TO	3	.223877
1 TO	4	.747736
1 TO	5	.686628

4 5 <----POR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1164
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1156
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .16405
THE AMR FOR THIS RIFLE IS: 1.005

13 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C5587642

CENTERFIRE PATTERNS

1

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 10

HS= 2.121

VS= 1.167

GS= 2.275

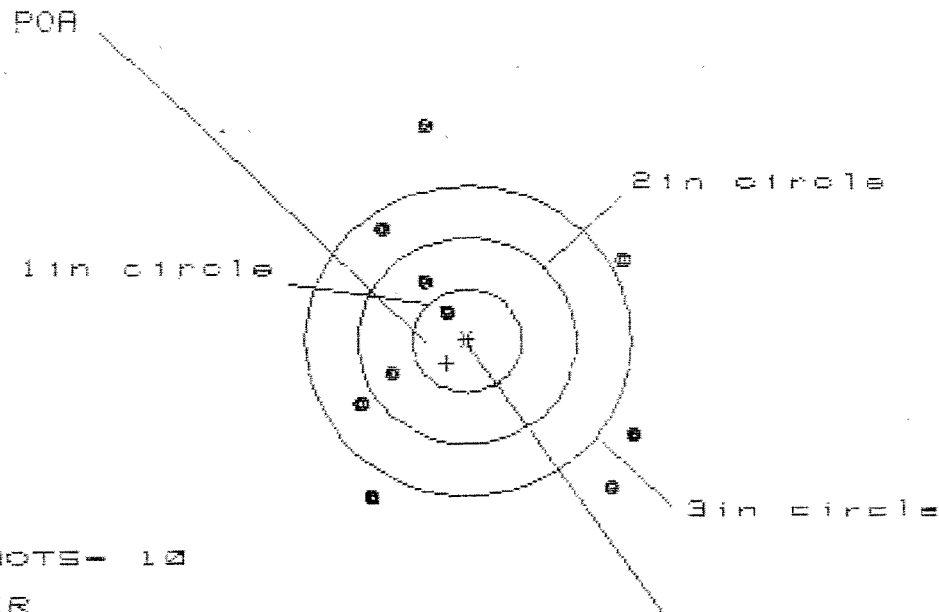
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.140	1.125	1.018
MINIMUM X	-.981	-.855	-.871
MAXIMUM Y	.638	.673	.464
MINIMUM Y	-.528	-.458	-.373
CENTROID X	.148	.022	.129
CENTROID Y	.420	.350	.265
POA TO CENTROID in.	.446	.350	.295
MIN RADIUS	.286	.374	.441
MEAN RADIUS	.780	.715	.671
MAX RADIUS	1.306	1.137	1.022
HORIZONTAL SPREAD	2.121	1.980	1.690
VERTICAL SPREAD	1.167	1.131	.837
EXTREME SPREAD	2.275	2.149	1.896
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

13 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587642

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1in = 1

2in = 3

3in = 5

LS = 2.572

VS = 3.559

ES = 3.846

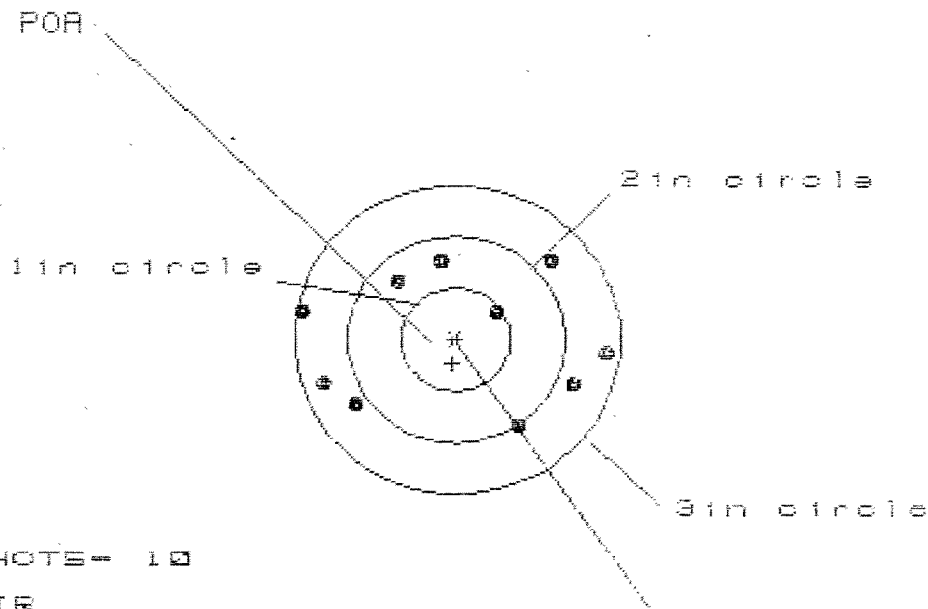
CENTROID #

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.560	1.520	1.677
MINIMUM X	:	-1.012	-1.052	-0.895
MAXIMUM Y	:	2.043	1.342	1.192
MINIMUM Y	:	-1.516	-1.289	-1.439
CENTROID X	:	.181	.221	.064
CENTROID Y	:	.215	-.012	.138
POA TO CENTROID in.	:	.280	.221	.152
MIN RADIUS	:	.360	.578	.384
MEAN RADIUS	:	1.352	1.289	1.172
MAX RADIUS	:	2.075	1.735	1.895
HORIZONTAL SPREAD	:	2.572	2.572	2.572
VERTICAL SPREAD	:	3.559	2.631	2.631
EXTREME SPREAD	:	3.846	3.261	3.252
NUMBER IN ONE INCH CIRCLE =	:	1		
NUMBER IN TWO INCH CIRCLE =	:	3		
NUMBER IN THREE INCH CIRCLE =	:	5		

13 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8587642

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 1

2in = 3

3in = 10

HS = 2.744

VS = 1.610

GS = 2.771

CENTROID *

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.332	1.175	1.088
MINIMUM X	-1.412	-1.415	-1.268
MAXIMUM Y	.751	.777	.762
MINIMUM Y	-.859	-.833	-.848
CENTROID X	.028	.185	.039
CENTROID Y	.231	.205	.220
FOR TO CENTROID in.	.232	.276	.224
MIN RADIUS	.428	.325	.425
MEAN RADIUS	1.061	1.001	.980
MAX RADIUS	1.431	1.475	1.340
HORIZONTAL SPREAD	2.744	2.590	2.356
VERTICAL SPREAD	1.610	1.610	1.610
EXTREME SPREAD	2.771	2.606	2.461
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	10		

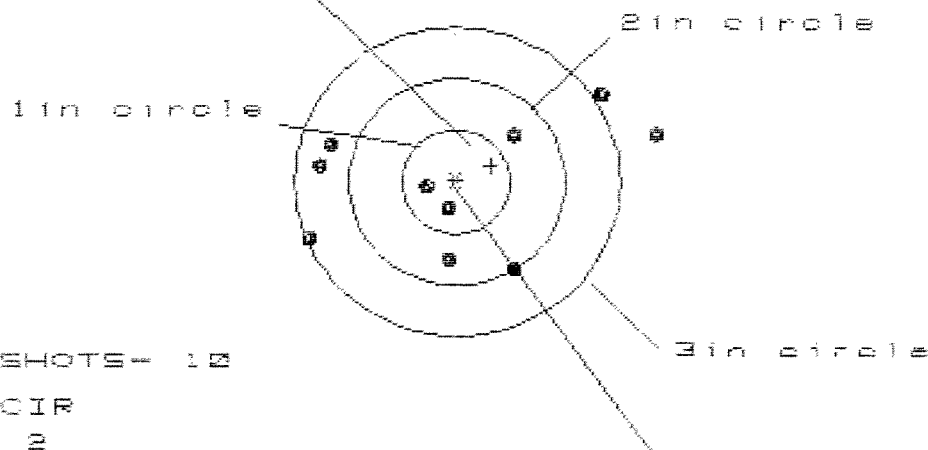
13 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06587842

CENTERFIRE PATTERNS

4

POA



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 3

CENTROID #

HS= 3.205

VS= 1.673

GS= 3.352

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.857	1.524	.936
MINIMUM X	:	-1.348	-1.141	-.951
MAXIMUM Y	:	.828	.881	.663
MINIMUM Y	:	-.845	-.792	-.682
CENTROID X	:	-.330	-.536	-.725
CENTROID Y	:	-.155	-.208	-.318
POA TO CENTROID in.	:	.364	.575	.792
MIN RADIUS	:	.238	.093	.185
MEAN RADIUS	:	1.043	.908	.797
MAX RADIUS	:	1.916	1.760	1.147
HORIZONTAL SPREAD	:	3.205	2.665	1.887
VERTICAL SPREAD	:	1.673	1.673	1.345
EXTREME SPREAD	:	3.352	2.983	2.141
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

13 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/CG587642

CENTERFIRE PATTERNS

5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 8

HS= 2.471

VS= 1.618

GS= 2.901

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.970	.803	.534
MINIMUM X	-1.501	-1.312	-1.212
MAXIMUM Y	.615	.672	.554
MINIMUM Y	-1.003	-.946	-.718
CENTROID X	.555	.722	.622
CENTROID Y	-.133	-.190	-.072
POA TO CENTROID in.	.571	.747	.626
MIN RADIUS	.052	.167	.131
MEAN RADIUS	.788	.676	.604
MAX RADIUS	1.587	1.459	1.318
HORIZONTAL SPREAD	2.471	2.115	1.746
VERTICAL SPREAD	1.618	1.618	1.272
EXTREME SPREAD	2.901	2.642	1.970
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

BARBER - M24 0024303

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R 98-10037

INITIALS CUSTOMER ORDER NO.

SS

W/LEUPOLD 10X SCOPE
W/BI-POD

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

06/04/98

05/04/98

EK 10-90

C6587642

700 7.62

NATO

ACCESSORIES

HARD CASE

SCOPE MNTS

SCOPE BASE

FROM:

SHIP TO:

COMMANDER USACML:MPCEN & FM
ATZN-DLM-M
BLDG. 350
FT MCCELLAN

AL 36205

COMMANDER USACML:MPCEN & FM
ATZN-DLM-M (WALTER YOUNG)
BLDG. 350
FT MCCELLANAL
36205

CUST NO: 083408 C.O.D.L.

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROV. 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

CYCLE

E1

TRIGGER GROUP

E2

BOLT ASSY.

E3

BARREL ASSY.

E4

D1

E5

REC. ASSY.

E6

D2

E7

WOOD

C1

D3

E8

METAL

C2

E9

MAIN FAULT

100 yds IRRADIC SHOT Grouping over 2.5" Group AT

PARTS

COMMENTS

Leaded BBL
Gun Shot .8" Group 5 shots
168 gr Ammo 100 yds

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

6-4-98

6-4-98

6-4-98

OFFICE COPY

RDW00 REV 1067

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0024303 24342

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80	
STOCK NUMBER FSC 1003 01 240 2139	
QUANTITY 1	
DOCUMENT NUMBER 8400001	
SERIAL 03 112 8013	
PROJECT 03 119 AW6 7	
TOTAL PRICE 5.145.00	
SHIPPED FROM DOL, SUP DIV, STORAGE PAC. HQ USAF, WACHS, WACHS FORT MCLELLAN, AL 36205-5000	
SHIP TO REMINGTON ARMS CO., Inc. Repair & Return Bldg 350 MATCAT 'N' 14 HOFFER AVENUE FORT MCLELLAN, AL 36205-5000	
WAREHOUSE LOCATION BL-350	
UNIT WEIGHT 001	
TYPE OF CARTRIDGE AE 001	
FREIGHT CLASSIFICATION NOMENCLATURE 7.62MM M24 SNIPER WEAPON SYSTEM/SCOPE	
ITEM NOMENCLATURE 7.62MM M24 SNIPER WEAPON SYSTEM/SCOPE	
TYPE OF CONTAINER(S) 1	
NO. OF CONTAINER(S) 1	
TOTAL WEIGHT 1	
TOTAL CUBE 1	
SELECTED BY AND DATE 1	
PACKED BY AND DATE 1	
REMARKS REQUISITION # FOR WEAPON RETURN W80H20-81120014... INFO CALLED TO ACALA, RIA, IL 61299-6000... 1	
FIRST DESTINATION ADDRESS 1	
11	
13 THROUGHPUT CHARGEABLE TO 2d DEST R4AG	
16 RECEIVERS DOCUMENT NUMBER TCN WJ1810 8112 8013 XXX	

DD Form 1348-1, JUL 91

DA FORM 2407, JUL 94

NMP COPY 2

Final Inspection

Sn: C65817642

DATE REC'D: 5-4-98

DATE RET'D:

AUDITOR: RW

Item:

BARREL ASSY.

☒ BARREL☒ RECEIVER☒ FRONT SIGHT BLOCK☒ REAR SIGHT BLOCK☒ SCREWS☒ FINISH

SCOPE ASSY.

☒ SCOPE☒ SCOPE RINGS☒ MOUNTING SCREWS☒ MOUNTING BASE☒ SCREWS☒ FINISH☒ LOOSENESS☒ CLARITY

MISC.

☒ DD-250☒ BAR CODE☒ PACKAGING

Item:

STOCK ASSY.

☒ STOCK☒ SLING SWIVEL STUDS☒ ADJUSTABLE BUTT PLATE☒ LOCK NUTS☒ BARREL CLEARANCE☒ COLOR/FINISH

SYSTEMS CASE

☒ SCOPE CASE☒ IRON SIGHTS☒ DEPLOYMENT KIT

TRIGGER

☒ SAFETY OPERATION☒ SET

Comments:

21 DAY TURN - AROUND

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO. C6587642

LOG IN DATE: / /		DATE	INIT.
INSPECT & VERIFY:			
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN		
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF		
605	CHECK HEADSPACE	6-4-98	RW
610	DIS-ASSEMBLE		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY ON FORCE		
D	SAFETY OFF FORCE		
E	FIRING PIN INDENT		
640	TARGET		
655	FINAL INSPECT		
660	PACK		
QAR INSPECTION		SHIP DATE	