

C6349123

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

*Still
Sword*

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R 94-34906

INITIAL
FPS

CUSTOMER ORDER NO.

M-24 W/ULTRA 10X-M3A SCOPE & DEPLOYMENT KIT

Scope 90-0280

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

12/05/94

12/05/94

XJ 12-89

C6349123

700

7.62

NATO

ACCESSORIES

SLING STRAP

W/STUDS

W/SWIVELS

SCOPE MNTS

SCOPE BASE

W/HARD CASE & SOFT CASE

FROM:

SHIP TO:

DEPT. OF THE ARMY
SUPPLY DIVISION
FT MCCOY

WI 54656

DEPT. OF THE ARMY
SUPPLY DIVISION
FT MCCOY

WI

54656

CUST NO:109575 C.O.D.L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

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

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

RD5925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0108263 08302

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

SERIAL NO. C6349123DATE 10-17-95TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.53	2.62	2.66	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.56	2.57	2.70	
PULL #3	2.60	2.48	2.69	
PULL #4	2.57	2.56	2.67	
PULL #5	2.50	2.57	2.69	
TOTAL	12.76	12.80	13.41	
AVG.	2.55	2.56	2.68	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.00	3.04	
PULL #2	3.00	3.02	
PULL #3	2.99	3.02	
PULL #4	3.00	3.01	
PULL #5	3.03	3.04	
TOTAL	15.02	15.13	
AVG.	3.00	3.02	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.10	4.01	4.00	
PULL #2	3.95	3.95	4.20	
PULL #3	3.98	3.80	4.22	
PULL #4	4.00	3.93	4.23	
PULL #5	4.01	3.96	4.03	
TOTAL	20.04	19.65	20.68	
AVG.	4.00	3.93	4.13	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C-6349123

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	4.5	4.0	4.5			12-2-95	DA
	G) Safety Off Force	4.0	4.0	4.0			12-2-95	DA
	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	2.74	2.72	2.67	2.58	2.69	12-2-95	DA
	C) Function							
660	Pack							

BARBER - M24 0108267

Remington



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

MODEL 700TM M24

SERIAL NO.
C6349123

ORDER NO.
5716

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

01

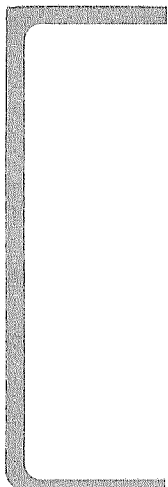


5716 C6349123

UPC



0 47700 25716 7



CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0108267 08306

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # 06349123

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	12-20	89	RW
600	Proof	12-20	89	A
607	Check Headspace	12-20	89	A
610	Dis-assemble Gun	12-20	89	RW
612	Magnaflux Barrel Action	1-5-90		KCR
	Magnaflux Bolt	1-5-90		
615	Rollmark Caliber		1/8/90	JS
617	Drill and Tap Sight Holes		1/8/90	FB
618	Polish Barrel RWB		1/9/90	WB
620	Apply Coatings (Barrel Action)		1-15-90	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		1/16/90 1/16/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/16/90	RW
	C) Inspect Ejector Hole for Chamfer		1/16/90	RW
	D) Oil Firing Pin Ass'y		1/16/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		1/18/90	JS

BARBER - M24 0108269		READINGS					DATE	INIT
op. #	OP. NAME							
625 cont.	F) Safety On Force	4	4	4			1-19-90	JS
	G) Safety Off Force	3	3	3			1-19-90	JS
	H) Trigger Pull Test & Retainability						1/20/90	JS
	I) Firing Pin Indent	.021	.021	.021			1-19-90	JS
	J) Assemble Stock						3/6/90	RW
	K) Assemble Swivel Studs						3/13/90	WB
	L) Attach Front and Rear Sight Assemblies						3/6/90	RW
	M) Iron Sight Alignment						3/6/90	RW
	N) Detach Front & Rear Sights & place in numbered container						3/6/90	RW
	O) Attach Scope to Rifle						3/6/90	WB
	P) Detach & Attach Scope 20 Times						3/6/90	WB
640	Gallery Target & Test						3-8-90	A
	A) Time							A
	B) Malfunctions							A
	C) Pierced Primers							A
	D) Optical Clarity of Scope							A
645	Inspect for Live Ammo						3-8-90	A
655	Final Inspection						3/13/90	WB
	A) Headspace							
	B) Trigger Pull	2.34	2.31	2.41	2.42	2.34	3/13/90	GS
	C) Function						3/13/90	WB
660	Pack						20 MAR 91	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6349123DATE 18 Jan 90TESTER 428

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.66	2.64	2.11	2.34	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.55	2.61	2.12	2.31	
PULL #3	2.37	2.19	2.11	2.41	
PULL #4	2.48	2.16	2.01	2.42	
PULL #5	2.42	2.15	2.14	2.34	
TOTAL	12.48	11.81	10.49		
AVG.	2.496	2.362	2.098		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.05	3.09		
PULL #2	3.02	2.99		
PULL #3	2.99	2.96		
PULL #4	2.97	2.93		
PULL #5	2.99	2.95		
TOTAL	15.02	14.92		
AVG.	3.004	2.984		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	3.93	3.88		4.00
PULL #2	3.89	3.91		3.95
PULL #3	3.86	3.91		3.94
PULL #4	3.93	3.81		3.99
PULL #5	3.91	3.85		3.93
TOTAL	19.52	19.36		19.81
AVG.	3.904	3.872		3.962

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06349123
8 Mar 1990

CENTROIDAL DISTANCES

0 TO	1	.0601415
1 TO	2	.321305
1 TO	3	.0417732
1 TO	4	.533518
1 TO	5	.560226

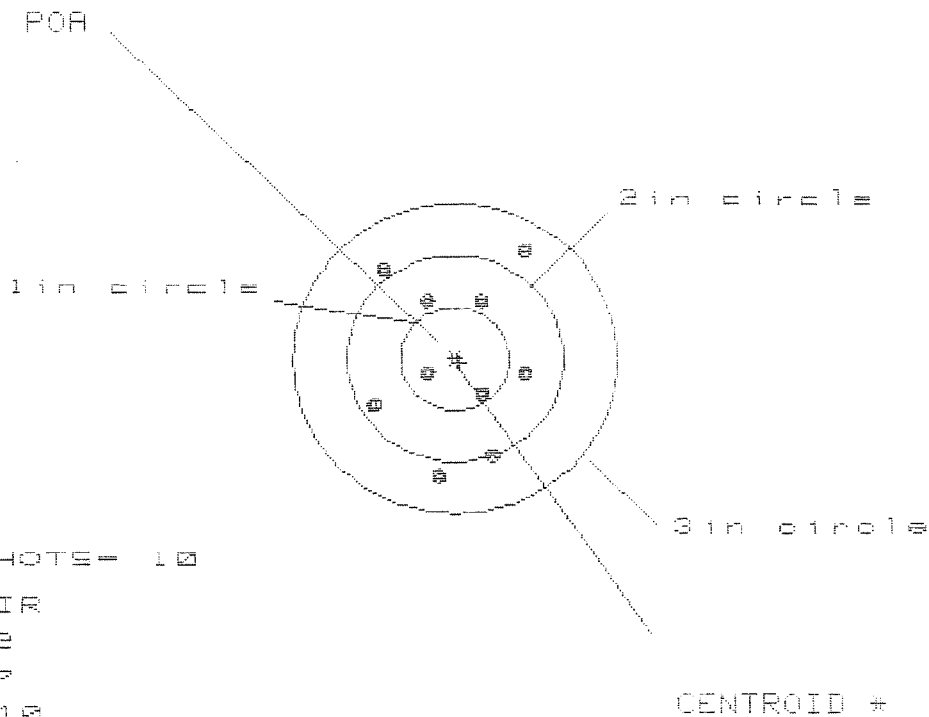
5
2 4 <----POA
4

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1512
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0114
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .151623
THE AMR FOR THIS RIFLE IS: .9148

8 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06849123

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 7

3 in = 10

HE = 1.448

VS = 2.237

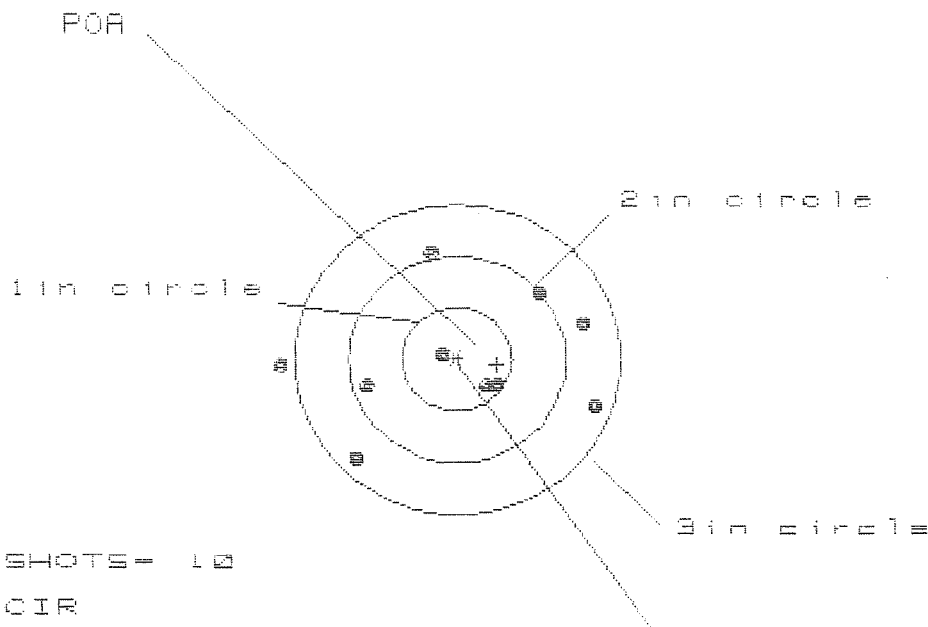
GS = 2.367

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.668	.739	.781
MINIMUM X	-.780	-.709	-.717
MAXIMUM Y	1.050	1.025	.891
MINIMUM Y	-1.187	-1.070	-.939
CENTROID X	-.044	-.115	-.167
CENTROID Y	.041	-.076	.058
POA TO CENTROID in.	.060	.138	.121
MIN RADIUS	.303	.213	.254
MEAN RADIUS	.862	.745	.698
MAX RADIUS	1.228	1.175	1.065
HORIZONTAL SPREAD	1.448	1.448	1.448
VERTICAL SPREAD	2.237	2.095	1.830
EXTREME SPREAD	2.367	2.155	2.066
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

8 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06849123

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 4

3 in = 3

IS = 2.882

VS = 2.835

GS = 2.882

CENTROID #

PATTERN #	2
SHOTS (BEST OF)	10
MAXIMUM X	1.285
MINIMUM X	-1.677
MAXIMUM Y	1.055
MINIMUM Y	-1.980
CENTROID X	-1.365
CENTROID Y	.055
POA TO CENTROID in.	.369
MIN RADIUS	.168
MEAN RADIUS	.945
MAX RADIUS	1.678
HORIZONTAL SPREAD	2.962
VERTICAL SPREAD	2.835
EXTREME SPREAD	2.982
NUMBER IN ONE INCH CIRCLE	3
NUMBER IN TWO INCH CIRCLE	4
NUMBER IN THREE INCH CIRCLE	9

8 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08949123

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 0

2in = 5

3in = 8

HS= 2.702

VS= 2.067

GS= 3.087

CENTROID *

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.518
MINIMUM X	-1.183
MAXIMUM Y	1.077
MINIMUM Y	-0.990
CENTROID X	-0.016
CENTROID Y	.010
POA TO CENTROID in.	.018
MIN RADIUS	.516
MEAN RADIUS	1.035
MAX RADIUS	1.600
HORIZONTAL SPREAD	2.702
VERTICAL SPREAD	2.067
EXTREME SPREAD	3.087
NUMBER IN ONE INCH CIRCLE	= 0
NUMBER IN TWO INCH CIRCLE	= 5
NUMBER IN THREE INCH CIRCLE	= 8

8 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8349123

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS= 10

IN CIR

1 in = 3

2 in = 6

3 in = 10

HS= 2.694

VS= 2.063

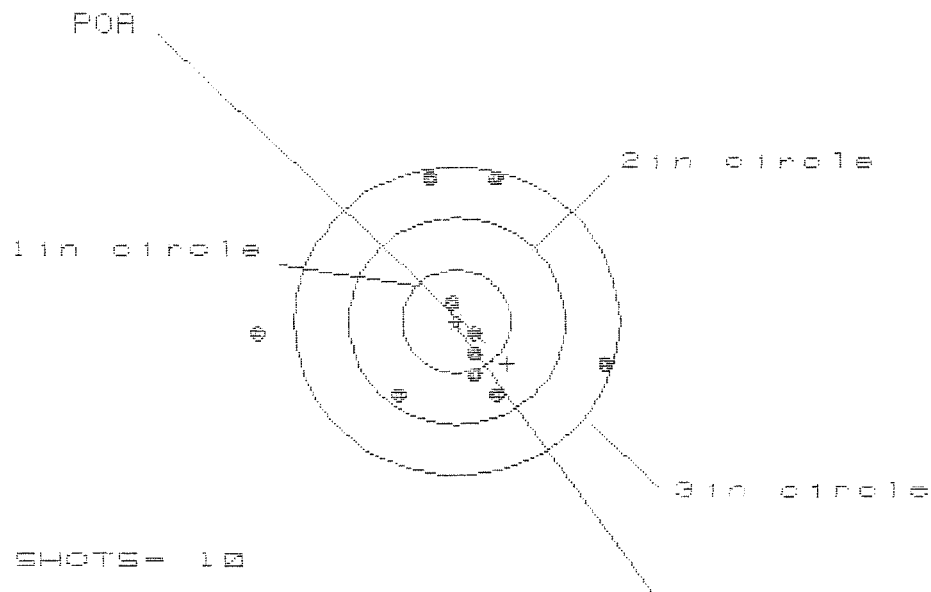
GS= 2.694

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.279	1.122	.892
MINIMUM X	:	-1.415	-.956	-.816
MAXIMUM Y	:	1.243	1.218	1.185
MINIMUM Y	:	-.820	-.845	-.878
CENTROID X	:	.131	.288	.148
CENTROID Y	:	-.463	-.438	-.405
POA TO CENTROID in.	:	.481	.524	.431
MIN RADIUS	:	.238	.298	.195
MEAN RADIUS	:	.891	.828	.770
MAX RADIUS	:	1.433	1.316	1.237
HORIZONTAL SPREAD	:	2.694	2.078	1.708
VERTICAL SPREAD	:	2.063	2.063	2.063
EXTREME SPREAD	:	2.694	2.253	2.253
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

8 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06349123

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 6

3 in = 9

HS= 3.211

VS= 2.132

GS= 3.227

CENTROID +

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.409
MINIMUM X	-1.802
MAXIMUM Y	1.379
MINIMUM Y	-1.753
CENTROID X	-0.462
CENTROID Y	0.414
POA TO CENTROID IN.	0.621
MIN RADIUS	0.184
MEAN RADIUS	0.901
MAX RADIUS	1.806
HORIZONTAL SPREAD	3.211
VERTICAL SPREAD	2.132
EXTREME SPREAD	3.227
NUMBER IN ONE INCH CIRCLE	3
NUMBER IN TWO INCH CIRCLE	6
NUMBER IN THREE INCH CIRCLE	9