

C6594561

MODEL 700TM M24

Model **SMS**TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

GFM

CONTRACT # DAAA21-87-C-0086

Repair

GUN SERIAL # C6594561

OP. #	OP. NAME	READINGS	DATE	INIT
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		2/16/93	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/16/93	RW
	C) Inspect Ejector Hole for Chamfer		2/16/93	RW
	D) Oil Firing Pin Ass'y		2/16/93	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2/16/93	RW

Op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			2/16/93	RW
	G) Safety Off Force	3	2.5	3			2/16/93	RW
	H) Trigger Pull Test & Retainability						2/16/93	RW
	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						2/16/93	RW
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test						2/26/93	RW
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo						2/26/93	RW
655	Final Inspection							
	A) Headspace						3/4/93	RW
	B) Trigger Pull	2.54	2.52	2.55	2.55	2.55	3/4/93	RW
	C) Function						3/4/93	RW
660	Pack							

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6594561DATE 2/15/93TESTER RW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.55	2.61	2.42	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.41	2.69	2.40	
PULL #3	2.47	2.40	2.45	
PULL #4	2.48	2.38	2.30	
PULL #5	2.48	2.35	2.39	
TOTAL	12.39	12.43	11.96	
AVG.	2.48	2.49	2.39	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.06	3.20	
PULL #2	3.10	3.10	
PULL #3	3.03	3.09	
PULL #4	3.05	3.11	
PULL #5	3.05	3.07	
TOTAL	15.29	15.57	
AVG.	3.06	3.11	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.09	4.04		4.06
PULL #2	4.03	4.02		4.12
PULL #3	4.04	4.05		4.26
PULL #4	4.06	4.00		4.29
PULL #5	4.16	4.01		4.28
TOTAL	20.38	20.12		21.01
AVG.	4.08	4.02		4.20

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R 93-02467

INITIAL CUSTOMER ORDER NO.

WOG 16 OF 30 W/10X SCOPE & DEPLOYMENT KIT

FPS

M-24

DATE RECEIVED DATE OPENED DATE CODE SERIAL NUMBER NEW SERIAL NUMBER MODEL AND GRADE

01/25/93 01/25/93 RK 11-90 C6594561 700 7-62 NATO

ACCESSORIES W/STUDS W/SWIVELS SOFT CASE SCOPE BASE

FROM:

SHIP TO:

MCHALE, EDWARD J CPT,SF
HSC 3RD BN 3RD SFG (A)
FT BRAGG NC 28307

MCHALE, EDWARD J CPT,SF
HSC 3RD BN 3RD SFG (A)
FT BRAGG NC 28307

CUST NO: 073985 C.D.D L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

CLEAN/TEST

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

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

RD6925 REV. 1/92

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0019298 19337

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

MODEL 700™ M24

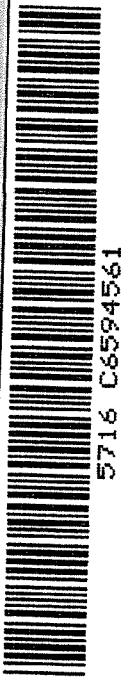
UPONT
 REG. U.S. PAT. & TM. OFF.

SERIAL NO. C6594561

ORDER NO. 5716

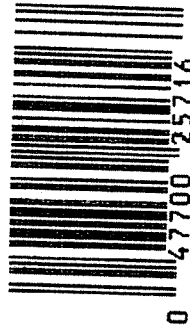
MADE IN LION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

20



5716 C6594561

LPC



7

GUN SERIAL # C 6594561

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/31/90	Kd
600	Proof		10/31/90	Kd
607	Check Headspace		10/31/90	Kd
610	Dis-assemble Gun		10/31/90	Kd
612	Magnaflux Barrel Action		11/1/90	KCR
	Magnaflux Bolt		11/1/90	KCR
615	Rollmark Caliber		11/1/90	GB
617	Drill and Tap Sight Holes		11/6/90	LB
618	Polish Barrel <i>PB</i>		11/7/90	WLB
620	Apply Coatings (Barrel Action)		11-26-90	<i>[Signature]</i>
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		12/5/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/5/90	KS
	C) Inspect Ejector Hole for Chamfer		12/5/90	KS
	D) Oil Firing Pin Ass'y		12/5/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		12/6/90	<i>[Signature]</i>

BARBER - M24 0019301

BARBER - M24 0019301		READINGS					DATE	INIT
op. #	OP. NAME							
625 cont.	F) Safety On Force	4 1/4	4 1/4	4 1/4			12/6/90	WB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			12/6/90	WB
	H) Trigger Pull Test & Retainability						12/6/90	KS
	I) Firing Pin Indent	1020	1020	1020			12/6/90	WB
	J) Assemble Stock						12/6/90	KS
	K) Assemble Swivel Studs						12-7-90	KS
	L) Attach Front and Rear Sight Assemblies						12/6/90	KS
	M) Iron Sight Alignment						12/6/90	KS
	N) Detach Front & Rear Sights & place in numbered container						12/6/90	KS
	O) Attach Scope to Rifle						12/6/90	KS
		P) Detach & Attach Scope 20 Times						12/6/90
640	Gallery Target & Test						12/6/90	KS
	A) Time						✓	KS
	B) Malfunctions						✓	KS
	C) Pierced Primers						✓	KS
	D) Optical Clarity of Scope						✓	KS
645	Inspect for Live Ammo						12/6/90	KS
655	Final Inspection							
	A) Headspace						12-7-90	KS
	B) Trigger Pull	271	268	269	270	269	12-7-90	KS
	C) Function						12-7-90	KS
660	Pack						12/19/90	KS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 01594561DATE 12/6/90TESTER JR

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.29	2.39	2.40	2.71	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.24	2.38	2.38	2.68	
PULL #3	2.40	2.40	2.41	2.69	
PULL #4	2.38	2.37	2.42	2.70	
PULL #5	2.39	2.37	2.33	2.69	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.24	3.25		
PULL #2	3.27	3.25		
PULL #3	3.27	3.28		
PULL #4	3.17	3.26		
PULL #5	3.25	3.26		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.42	4.40		4.36
PULL #2	4.38	4.45		4.49
PULL #3	4.40	4.46		4.40
PULL #4	4.41	4.49		4.43
PULL #5	4.49	4.48		4.33
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594561
7 Dec 1990

CENTROIDAL DISTANCES

0 TO	1	.427013
1 TO	2	.210535
1 TO	3	.35399
1 TO	4	.416621
1 TO	5	.221822

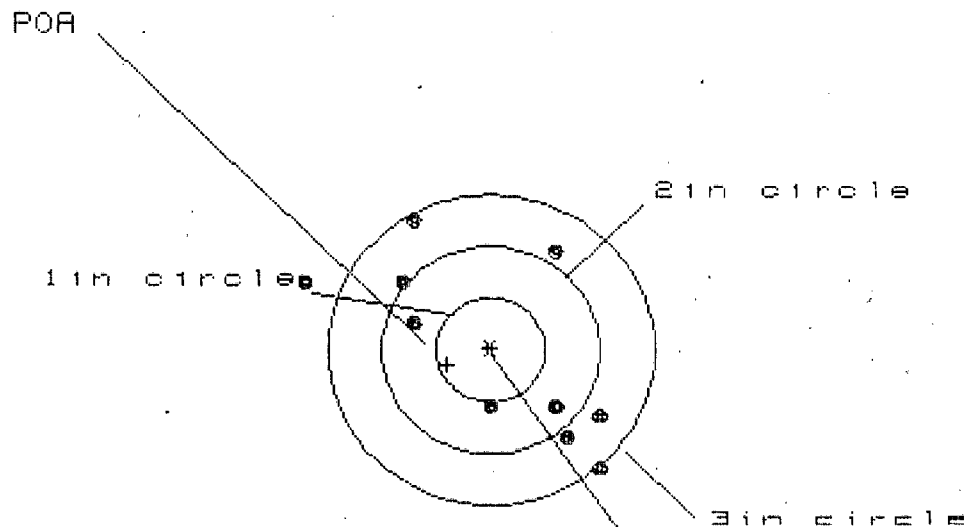
3/4 <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1992
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0584
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .207584
THE AMR FOR THIS RIFLE IS: .874

8 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6594561

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 0

2in = 4

3in = 8

HS= 2.706

VS= 2.363

GS= 3.200

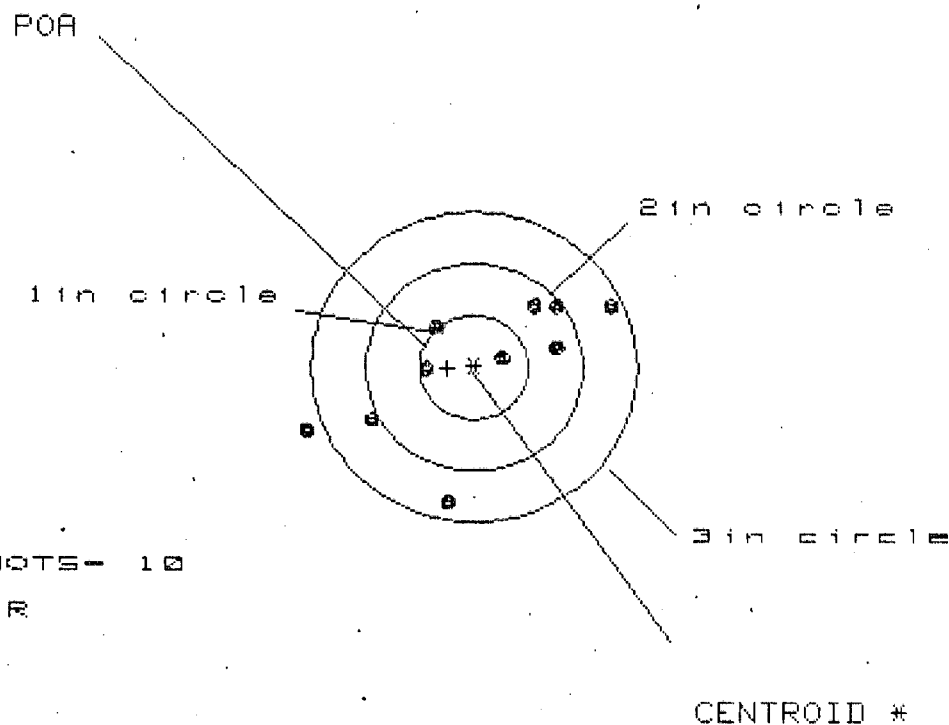
CENTROID *

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.006	.817	.914
MINIMUM X	-1.700	-.948	-.851
MAXIMUM Y	1.207	1.275	1.139
MINIMUM Y	-1.156	-1.088	-.867
CENTROID X	.402	.591	.494
CENTROID Y	.144	.076	.212
POA TO CENTROID in.	.427	.596	.537
MIN RADIUS	.546	.511	.619
MEAN RADIUS	1.112	1.011	.977
MAX RADIUS	1.808	1.546	1.379
HORIZONTAL SPREAD	2.706	1.765	1.765
VERTICAL SPREAD	2.363	2.363	2.006
EXTREME SPREAD	3.200	2.883	2.520
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

6 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6594561

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 2.804

VS= 1.864

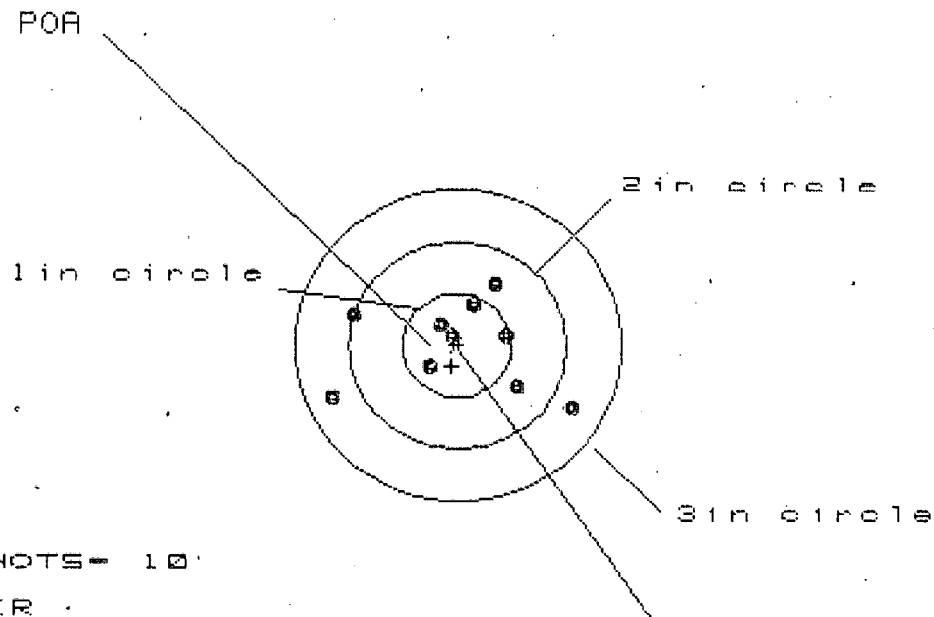
GS= 3.031

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.245	1.072	.748
MINIMUM X	-1.559	-1.147	-1.013
MAXIMUM Y	.594	.530	.593
MINIMUM Y	-1.270	-1.334	-1.271
CENTROID X	.243	.416	.282
CENTROID Y	.006	.070	.007
POA TO CENTROID in.	.243	.422	.282
MIN RADIUS	.267	.083	.231
MEAN RADIUS	.920	.801	.768
MAX RADIUS	1.662	1.394	1.299
HORIZONTAL SPREAD	2.804	2.219	1.761
VERTICAL SPREAD	1.864	1.864	1.864
EXTREME SPREAD	3.031	2.483	2.106
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

6 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6594561

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 5

2 in = 7

3 in = 10

HS= 2.262

VS= 1.231

GS= 2.264

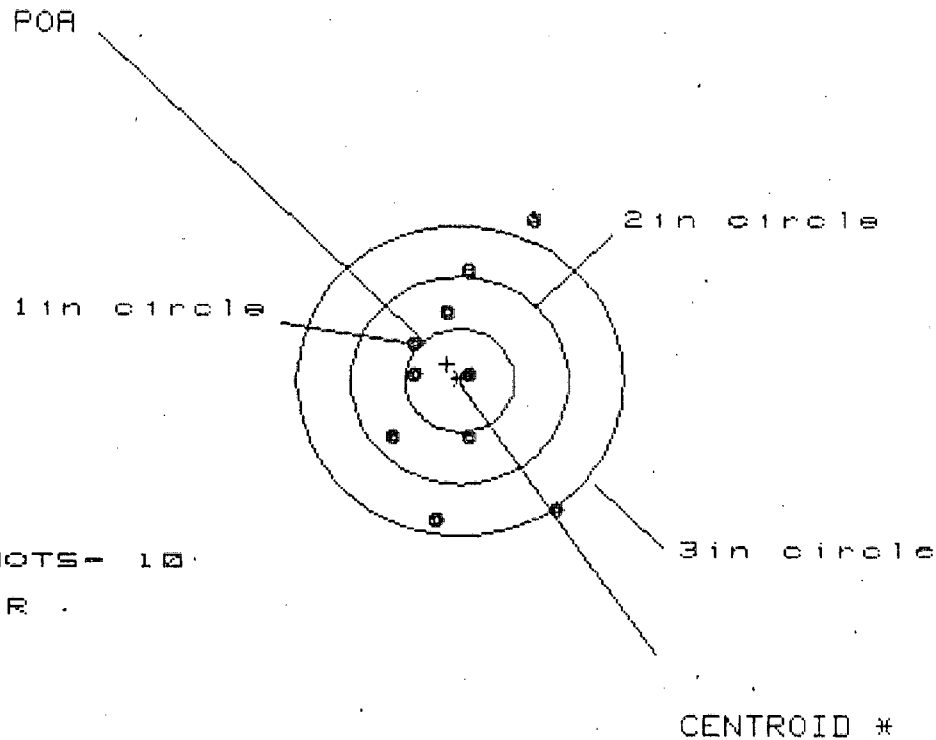
CENTROID #

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.074	.942	.550
MINIMUM X	-1.188	-1.120	-1.002
MAXIMUM Y	.640	.584	.503
MINIMUM Y	-.591	-.647	-.581
CENTROID X	.052	.184	.066
CENTROID Y	.197	.253	.334
POA TO CENTROID in.	.204	.313	.340
MIN RADIUS	.137	.168	.030
MEAN RADIUS	.658	.574	.473
MAX RADIUS	1.290	1.156	1.023
HORIZONTAL SPREAD	2.262	2.062	1.552
VERTICAL SPREAD	1.231	1.231	1.084
EXTREME SPREAD	2.264	2.264	1.740
NUMBER IN ONE INCH CIRCLE =	5		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

6 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6594561

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR .

1in = 2

2in = 6

3in = 8

HS= 1.547

VS= 2.961

GS= 3.097

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.895	.971	.276
MINIMUM X	:	-.652	-.576	-.455
MAXIMUM Y	:	1.606	1.277	1.140
MINIMUM Y	:	-1.355	-1.176	-1.313
CENTROID X	:	.115	.039	-.082
CENTROID Y	:	-.158	-.337	-.200
POA TO CENTROID in.	:	.195	.339	.216
MIN RADIUS	:	.102	.295	.215
MEAN RADIUS	:	.889	.795	.674
MAX RADIUS	:	1.743	1.465	1.314
HORIZONTAL SPREAD	:	1.547	1.547	.731
VERTICAL SPREAD	:	2.961	2.453	2.453
EXTREME SPREAD	:	3.097	2.522	2.468
NUMBER IN ONE INCH CIRCLE =	:		2	
NUMBER IN TWO INCH CIRCLE =	:		6	
NUMBER IN THREE INCH CIRCLE =	:		8	

6 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6594561

CENTERFIRE PATTERNS

5

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 10

HS= 1.637

VS= 2.104

GS= 2.112

CENTROID *

PATTERN #

5

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.793

.777

.669

MINIMUM X

-.844

-.860

-.736

MAXIMUM Y

.965

.839

.920

MINIMUM Y

-1.139

-1.140

-1.059

CENTROID X

.184

.200

.307

CENTROID Y

.103

.229

.148

POA TO CENTROID in.

.211

.304

.341

MIN RADIUS

.211

.336

.274

MEAN RADIUS

.791

.748

.697

MAX RADIUS

1.148

1.143

1.059

HORIZONTAL SPREAD

1.637

1.637

1.405

VERTICAL SPREAD

2.104

1.979

1.979

EXTREME SPREAD

2.112

2.071

1.980

NUMBER IN ONE INCH CIRCLE =

3

NUMBER IN TWO INCH CIRCLE =

7

NUMBER IN THREE INCH CIRCLE =

10

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R 93-02467

INITIAL FPS	CUSTOMER ORDER NO.		WOG 16 OF 30 W/10X SCOPE & DEPLOYMENT KIT M-24			
DATE RECEIVED 01/25/93	DATE OPENED 01/25/93	DATE CODE BK 11-90	SERIAL NUMBER C6594541	NEW SERIAL NUMBER	MODEL AND GRADE 700 7-62	NATO
ACCESSORIES W/STUDS		W/SWIVELS		SOFT CASE	SCOPE BASE	

FROM:

SHIP TO:

MCHALE, EDWARD J CPT, SF
HSC 3RD BN 3RD SFG (A)
FT BRAGG NC 28307

MCHALE, EDWARD J CPT, SF
HSC 3RD BN 3RD SFG (A)
FT BRAGG NC 28307

CUST NO: 073985 C.O.D

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	CLEAN/TEST	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

Rust on Gun

PARTS	COMMENTS
Magazine Spring - 15677 Trigger Assy - 96024	Zinc phosphate Scope Base, Scope Rings, Swivels & Swivel Studs Re-powder Coat Floor plate, latch, Trigger Guard, Front Sight Base & Barrel Assy - 96001
REPAIRMAN RW	PROOF
GALLERY TESTER RW	DATE
CLEAN ✓	TEST ✓
DATE 2/16/93	DATE 2/26/93
TARGET	PATTERN
DATE	DATE

OFFICE COPY

RD6925 REV. 1/92

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 ~~0019309~~ 19348