

C6522238

MODEL 700™ M24

Model S&S™

Action

Barrel Length

Capacity

Order No. 5716

* Includes 1 in chamber.

Remington

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6522238

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		7/9/90	KQ
600	Proof		7/9/90	KQ
607	Check Headspace		7/9/90	KQ
610	Dis-assemble Gun		7/9/90	KQ
612	Magnaflux Barrel Action		7/17/90	KR
	Magnaflux Bolt		7/17/90	KR
615	Rollmark Caliber		7/17/90	RLS
617	Drill and Tap Sight Holes		7/23/90	FB
618	Polish Barrel RB		7/24/90	WB
620	Apply Coatings (Barrel Action)		7-6-90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/16/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/16/90	KS
	C) Inspect Ejector Hole for Chamfer		8/16/90	KS
	D) Oil Firing Pin Ass'y		8/16/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		9-13-90	RL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			8/14/90	JK
	G) Safety Off Force	3	3	3			8/14/90	JK
	H) Trigger Pull Test & Retainability						9-13-90	JK
	I) Firing Pin Indent	.022	.0225	.0225			8/14/90	JK
	J) Assemble Stock						8/17/90	KS
	K) Assemble Swivel Studs						9/14/90	JK
	L) Attach Front and Rear Sight Assemblies						8/17/90	KS
	M) Iron Sight Alignment						8/17/90	KS
	N) Detach Front & Rear Sights & place in numbered container						8/17/90	KS
	O) Attach Scope to Rifle						8/17/90	KS
	P) Detach & Attach Scope 20 Times						8/17/90	KS
640	Gallery Target & Test						8-20-90	JK
	A) Time						"	JK
	B) Malfunctions						"	JK
	C) Pierced Primers						"	JK
	D) Optical Clarity of Scope						"	JK
645	Inspect for Live Ammo						8-20-90	JK
655	Final Inspection							
	A) Headspace						9/14/90	JK
	B) Trigger Pull	2.50	2.42	2.45	2.45	2.45	9-13-90	JK
	C) Function						9/14/90	JK
560	Pack						9-18-90	JK

MOD. _____ GA. _____ GUN# C6524738
 CAL. _____ # _____

# TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
	1st	Bolt Rel.	KS
	2nd	Changed Bolt Rel. (WAS BEST)	KS KS
	3rd		
	4th		

FUNCTION _____ RD 6654 Rev 1

TEST INIT. ACTION TO CORRECT		ASSEM. #
PROOF		
TEST		
TGT		
PROOF		
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		

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

SERIAL NO. C6522238DATE 9-13-90TESTER JA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.30	2.50	2.35	2.50	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.15	2.50	2.30	2.42	
PULL #3	2.18	2.37	2.21	2.45	
PULL #4	2.16	2.35	2.37	2.45	
PULL #5	2.46	2.40	2.43	2.45	
TOTAL	11.25	12.12	11.66	12.27	
AVG.	2.25	2.424	2.332	2.454	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.39	3.44		
PULL #2	3.40	3.47		
PULL #3	3.43	3.33		
PULL #4	3.33	3.33		
PULL #5	3.48	3.48		
TOTAL	17.03	17.05		
AVG.	3.406	3.41		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.38	4.21		4.35
PULL #2	4.50	4.29		4.34
PULL #3	4.50	4.35		4.42
PULL #4	4.49	4.46		4.37
PULL #5	4.35	4.30		4.42
TOTAL	22.22	21.61		21.90
AVG.	4.444	4.322		4.38

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522238
21 Aug 1990

CENTROIDAL DISTANCES

0 TO	1	.168027
1 TO	2	.224956
1 TO	3	1.10376
1 TO	4	.496049
1 TO	5	.0817435

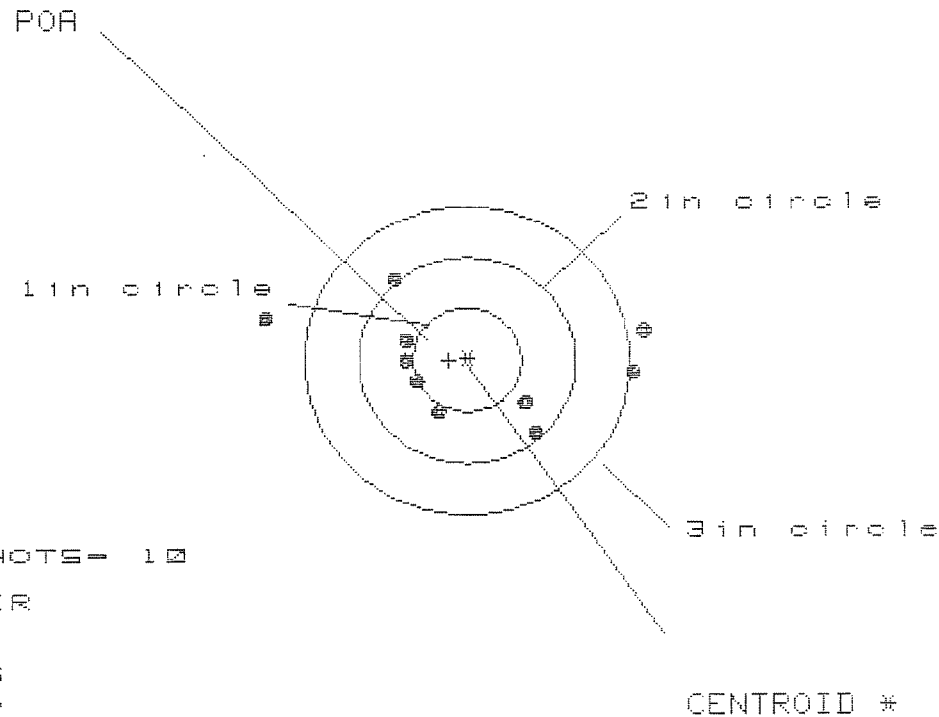
$\bar{x}$ $\bar{y}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1102
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0468
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .119726
THE AMR FOR THIS RIFLE IS: .7464

28 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6522238

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 5

3 in = 7

HS= 3.554

VS= 1.520

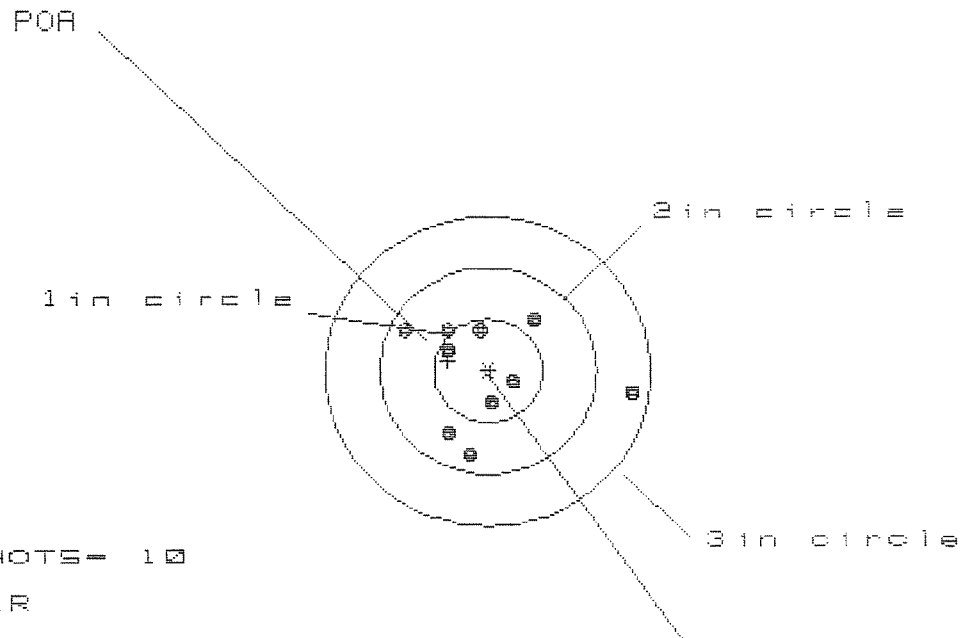
GS= 3.555

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.639	1.426	1.496
MINIMUM X	-1.915	-0.903	-0.724
MAXIMUM Y	.822	.871	.920
MINIMUM Y	-.698	-.649	-.600
CENTROID X	.168	.381	.202
CENTROID Y	.003	-.046	-.095
POR TO CENTROID in.	.168	.383	.224
MIN RADIUS	.498	.493	.482
MEAN RADIUS	1.000	.906	.788
MAX RADIUS	1.966	1.479	1.496
HORIZONTAL SPREAD	3.554	2.329	2.220
VERTICAL SPREAD	1.520	1.520	1.520
EXTREME SPREAD	3.555	2.391	2.391
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	7		

28 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6522238

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 9

3 in = 10

HS= 2.067

VS= 1.209

GS= 2.159

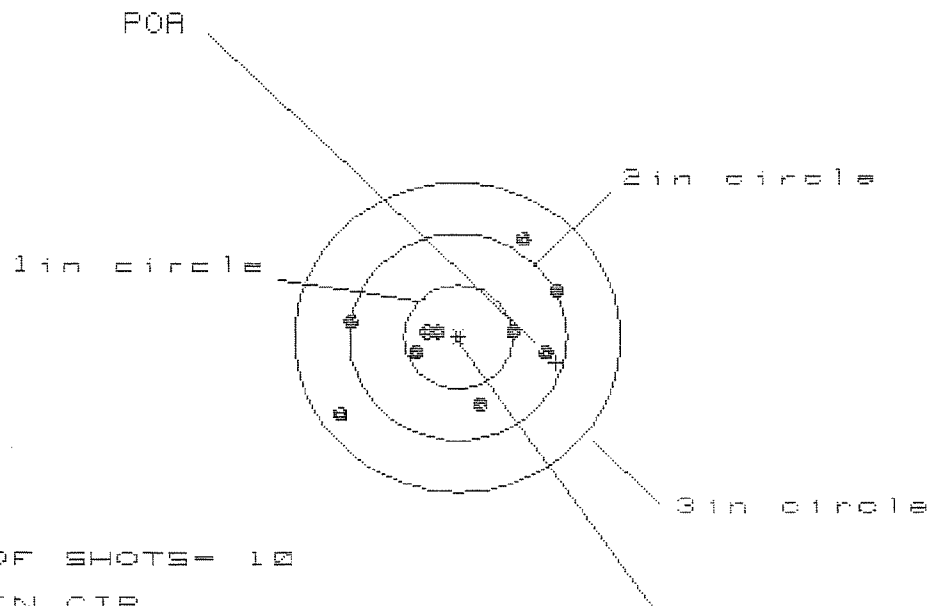
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.327	.577	.503
MINIMUM X	:	-.740	-.593	-.302
MAXIMUM Y	:	.455	.435	.488
MINIMUM Y	:	-.754	-.774	-.721
CENTROID X	:	.370	.223	.297
CENTROID Y	:	-.096	-.076	-.129
POA TO CENTROID in.	:	.383	.236	.324
MIN RADIUS	:	.244	.281	.259
MEAN RADIUS	:	.610	.517	.486
MAX RADIUS	:	1.339	.774	.724
HORIZONTAL SPREAD	:	2.067	1.170	.805
VERTICAL SPREAD	:	1.209	1.209	1.209
EXTREME SPREAD	:	2.159	1.343	1.333
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

28 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06522238

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 4

2in = 8

3in = 10

HS= 1.951

VS= 1.755

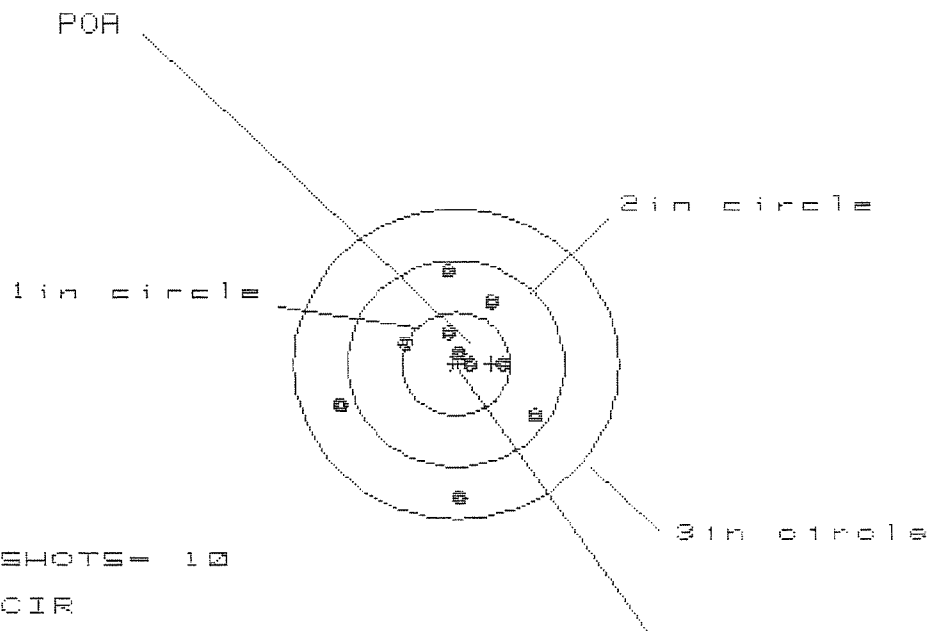
GS= 2.406

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.872	.752	.808
MINIMUM X	:	-1.079	-1.067	-1.011
MAXIMUM Y	:	.989	.904	.463
MINIMUM Y	:	-.766	-.738	-.625
CENTROID X	:	-.908	-.788	-.844
CENTROID Y	:	.249	.334	.221
POA TO CENTROID in.	:	.941	.856	.872
MIN RADIUS	:	.161	.272	.231
MEAN RADIUS	:	.725	.664	.604
MAX RADIUS	:	1.323	1.068	1.025
HORIZONTAL SPREAD	:	1.951	1.819	1.819
VERTICAL SPREAD	:	1.755	1.642	1.088
EXTREME SPREAD	:	2.406	1.843	1.843
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

28 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8522238

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 8

3 in = 10

HS= 1.810

VS= 2.226

GS= 2.227

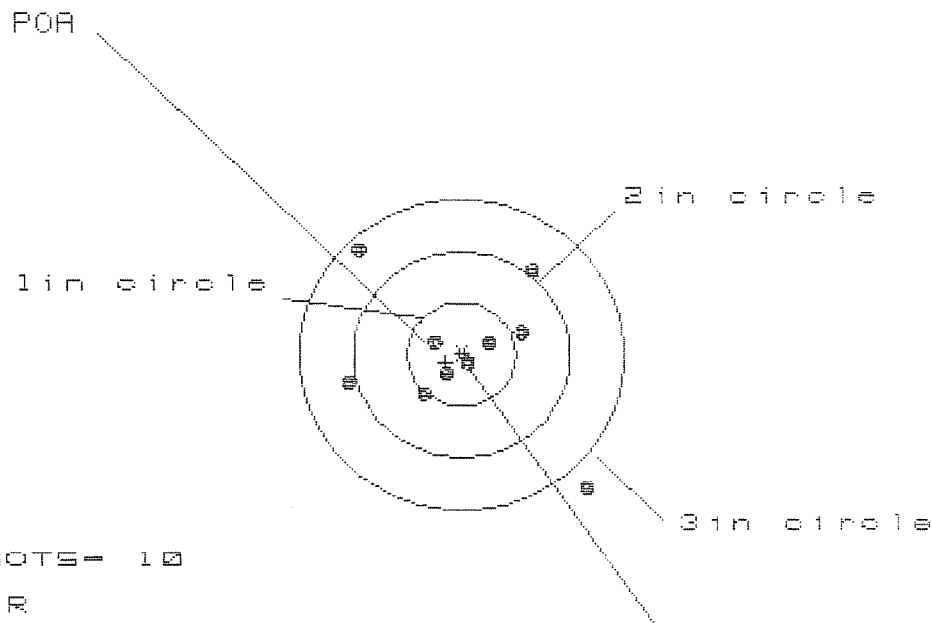
CENTROID #

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.758	.760	.628
MINIMUM X	-1.052	-1.050	-.641
MAXIMUM Y	.950	.809	.744
MINIMUM Y	-1.276	-.683	-.748
CENTROID X	-.328	-.330	-.198
CENTROID Y	-.004	.137	.202
POA TO CENTROID in.	.328	.357	.283
MIN RADIUS	.122	.012	.135
MEAN RADIUS	.652	.543	.468
MAX RADIUS	1.276	1.171	.977
HORIZONTAL SPREAD	1.810	1.810	1.270
VERTICAL SPREAD	2.226	1.492	1.492
EXTREME SPREAD	2.227	1.818	1.690
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		

20 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8522238

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 4

2in = 6

3in = 9

HS= 2.147

VS= 2.236

GS= 3.048

CENTROID #

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.121
MINIMUM X	-1.026
MAXIMUM Y	.970
MINIMUM Y	-1.266
CENTROID X	.147
CENTROID Y	.082
POA TO CENTROID in.	.168
MIN RADIUS	.121
MEAN RADIUS	.715
MAX RADIUS	1.691
HORIZONTAL SPREAD	2.147
VERTICAL SPREAD	2.236
EXTREME SPREAD	3.048
NUMBER IN ONE INCH CIRCLE	4
NUMBER IN TWO INCH CIRCLE	6
NUMBER IN THREE INCH CIRCLE	9

Remington
MODEL 700™ M24

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

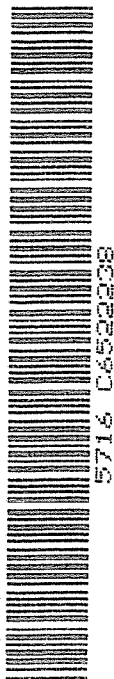
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

SERIAL NO.
C6522238

ORDER NO.
5716

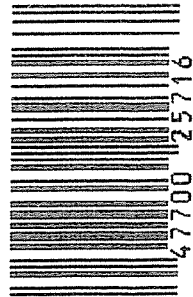
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

01



5716 C6522238

UPC



0 47700 25716 7

6522238

C-6522238

Scope sent Back to
factory for Repair

Scope S/N 86-0894

Repair Inquiry																					
Repair Number:	RE00000740	Serial: C6522238 Model 700 Center Fire Caliber: 7.62 SWS M-24 40F18	Repairman:																		
Verify Repair		Status:	New 12/15/99 11:37:47 AM																		
Address Information																					
Customer: ☒ Received From		Return To: ☐ Received From																			
Name:	TRANSPORTATION OFFICER	Name:	TRANSPORTATION OFFICER																		
Address 1:	XVIII AIBORNE CORPS AND FORT BRAGG	Address 1:	XVIII AIBORNE CORPS AND FORT BRAGG																		
Address 2:	BUILDING J-2050 PO Box:	Address 2:	BUILDING J-2050 PO Box:																		
City:	FORT BRAGG	City:	FORT BRAGG																		
State:	NC Zip Code: 28310 Country: US	State:	NC Zip Code: 28310 Country: US																		
FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐																					
Contact / Condition	Problems	Estimate	History / Status																		
Contact Information Phone: Fax: Email: Comments:		Received Condition Poor Condition Notes: CSR Notes:																			
		Accessories Received <table border="1"> <thead> <tr> <th>Code</th> <th>Desc</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>A010</td> <td>Hard Case</td> <td>1</td> </tr> <tr> <td>A016</td> <td>Scope Mounts</td> <td>2</td> </tr> <tr> <td>A017</td> <td>Scope Base</td> <td>1</td> </tr> <tr> <td>A026</td> <td>Scope</td> <td>1</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>		Code	Desc	Qty	A010	Hard Case	1	A016	Scope Mounts	2	A017	Scope Base	1	A026	Scope	1			
Code	Desc	Qty																			
A010	Hard Case	1																			
A016	Scope Mounts	2																			
A017	Scope Base	1																			
A026	Scope	1																			
Repair Search		Refresh	Close																		

BBL 96003

Remington**TRACKING DOCUMENT**

Repair Order Number



Repair Order Numbe

RE00000740

Description/Serial

C6522238

Repairman -

Date Received 12/15/1999

Account # - R-

Model 700 Center Fire Caliber: 7.62

Estimate Date

SWS M-24 4OF18

Current Date - 12/16/1999

CustomerTRANSPORTATION OFFICER
XVIII AIBORNE CORPS AND FORT BR
BUILDING J-2050
FORT BRAGG NC 28310 USReturn ToTRANSPORTATION OFFICER
XVIII AIBORNE CORPS AND FORT B
BUILDING J-2050
FORT BRAGG NC 28310 US

Phone (H)

Fax

Phone (W)

Email

ProblemsReportedFound

--	--

RepairMaterial # MaterialDescQuantity
NeededQuantity
FromQuantity
FromWarranty
(Y/N)

Total:

Serial Number: C6522238

Model ID: 700

**RE00000740**

Repairman	Proof	Clean	Test	Target	Pattern
Gallery Tester	Date	Date	Date	Date	Date

LEUPOLD & STEVENS, INC.MAILING: PO BOX 688
BEAVERTON OR 97075-0688
(503) 646-9171SHIPPING: 14400 NW GREENBRIER PARKWAY
BEAVERTON OR 97006-5934
FAX (503) 526-1455

TELEX 15-1227

MAIL REMITTANCE IN U.S.
FUNDS TO:**LEUPOLD & STEVENS, INC.**
PO BOX 4985
BEAVERTON OR 97076-4985 USA**B** REMINGTON ARMS CO., INC.
I Attn:
L 14 HOEFLE AVE.
L ILION NY 13357**S** REMINGTON ARMS CO., INC.
H Attn:
I 14 HOEFLE AVE.
P ILION NY 13357**T**
O**T**
O

Invoice No. 0198918	Date 01/18/00	Type of Service WARRANTY	Via UPS 2DAY
1 ea ULTRA M3A-10X S/N# 860894 Complaints/Requests WARRANTY- INSPECTION Service Activity: CLEANED RETICLE REBUILT/REWORKED ADJUSTMENTS CONTROL #M-30082 CLEANED, SEALED, RECOLLIMATED, VISUAL & MECHANICAL INSPECTION 100%			Charge SHIPPING & HANDLING AMOUNT DUE NO CHG

For Customer Use Only:

Charge/Debit Card Payment: ☐ Visa ☐ Master Card Card # _____

Expiration Date: _____ Signature: _____

VALUE FOR CUSTOMS PURPOSES ONLY \$ _____ THESE COMMODITIES ARE EXITING THE U.S.A. UNDER GENERAL LICENSE _____
"THESE COMMODITIES LICENSED BY THE UNITED STATES FOR ULTIMATE DESTINATION USA DIVERSION CONTRARY TO
UNITED STATES LAW PROHIBITED."EXPORTER/MANUFACTURER: LEUPOLD & STEVENS INC.
PLACE: BEAVERTON, OREGON USA

ECCN: 0A987

SIGNATURE: _____
NAME: _____ EXPORT/INVOICING SPECIALIST

I.D. 93-0372974

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6522238
5 Apr 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .172
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0136
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .172537

THE AMR FOR THIS RIFLE IS: 1.096

CENTROIDAL DISTANCES

0 TO	1	.294002
1 TO	2	.428439
1 TO	3	.504004
1 TO	4	.502252
1 TO	5	.532241

4
+
5 1 ←----POA

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

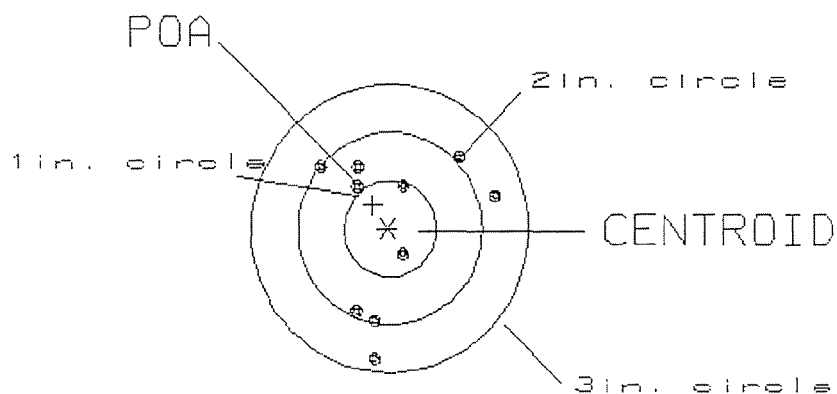
PATTERN #: 1

POA TO CENTROID: .294
 MIN RADIUS : .282
 MEAN RADIUS : .850
 MAX RADIUS : 1.343
 CENTROID X : .161
 CENTROID Y : -.246

5 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6522238

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 1.87

2

VS= 2.06

7

GS= 2.25

10

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

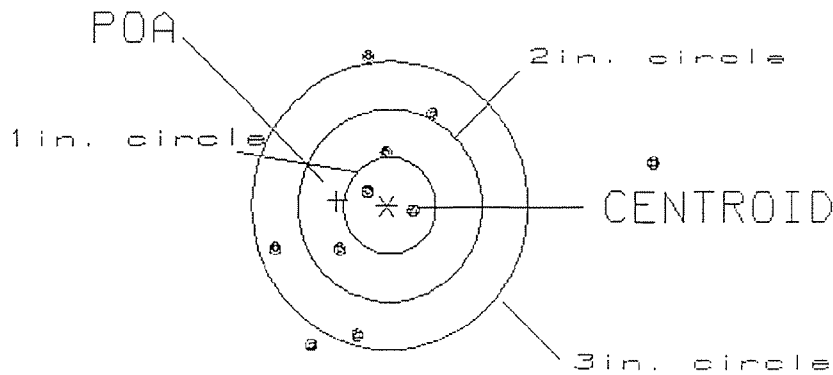
PATTERN #: 020

POA TO CENTROID: .545
MIN RADIUS : .215
MEAN RADIUS : 1.178
MAX RADIUS : 2.909
CENTROID X : .543
CENTROID Y : -.052

5 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6522238

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 4.15
VS= 3.03
GS= 4.26

2
4
7

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

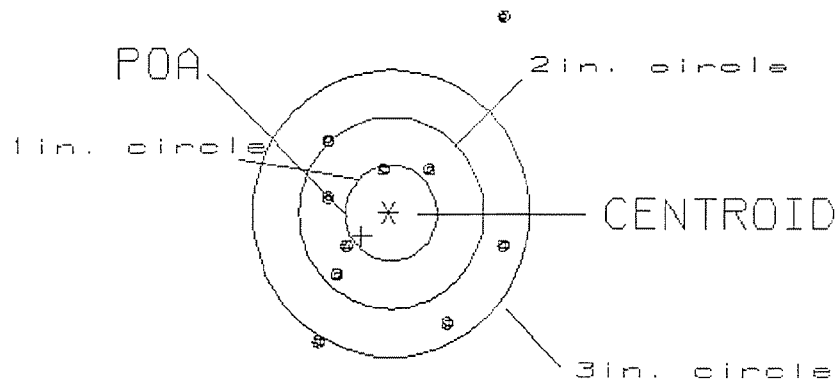
PATTERN #: 3

POA TO CENTROID: .375
 MIN RADIUS : .516
 MEAN RADIUS : 1.084
 MAX RADIUS : 2.379
 CENTROID X : .287
 CENTROID Y : .242

5 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6522238

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.00

0

VS= 3.44

6

GS= 3.98

4

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

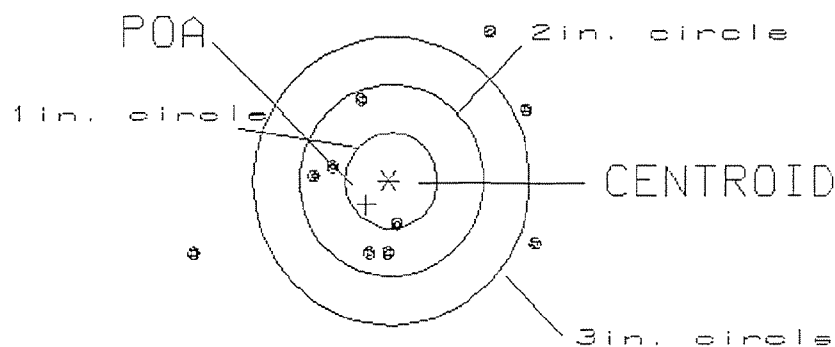
PATTERN #: 4

POA TO CENTROID: .347
 MIN RADIUS : .481
 MEAN RADIUS : 1.190
 MAX RADIUS : 2.235
 CENTROID X : .240
 CENTROID Y : .250

5 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6522238

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.70

1

VS= 2.35

6

GS= 3.92

6

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

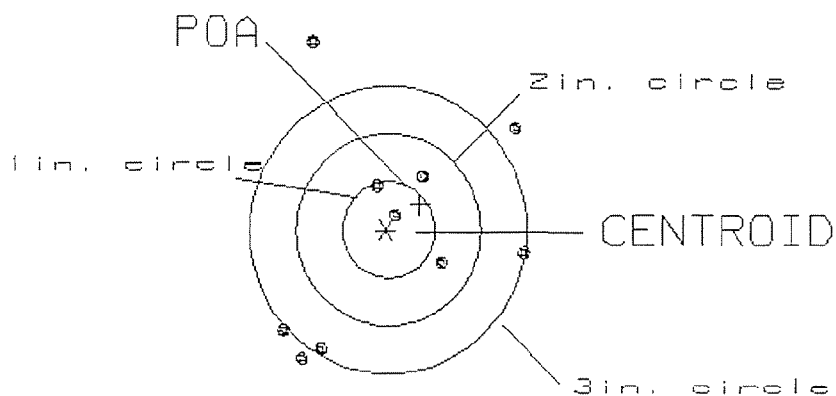
PATTERN #: 050

POA TO CENTROID: .454
MIN RADIUS : .127
MEAN RADIUS : 1.178
MAX RADIUS : 2.126
CENTROID X : -.371
CENTROID Y : -.262

5 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6522238

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.59

2

VS= 3.24

4

GS= 3.26

6

21 DAY TURN - AROUND

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO.

C6522738

LOG IN DATE: / /		DATE	INIT.
INSPECT & VERIFY:			
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN	12-24-99	RW
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	1-12-00	RW
605	CHECK HEADSPACE	1-12-00	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	4-3-00	RW
655	FINAL INSPECT	4-10-00	RW
660	PACK		
QAR INSPECTION		SHIP DATE	

Final Inspection

Sn: C6522238

DATE REC'D: 12-12-99

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

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:

Misc.

☐ DD-250☐ BAR CODE☐ PACKAGING