

06225179

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

*Smith
Sword*®

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

DUPONT

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

MODEL 700TM M24

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

SERIAL NO.
C6225179

ORDER NO.
5716

20

UPC

0 47700 25716 7

5716 C6225179

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225179

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1 25	89	RW
600	Proof	1 25	89	RW
607	Check Headspace	1 25	89	RW
610	Dis-assemble Gun	1 25	89	RW
612	Magnaflux Barrel Action		1-27-89	RK.
	Magnaflux Bolt		1-27-89	KCK
615	Rollmark Caliber		1/30	G.S.
617	Drill and Tap Sight Holes	2 1	89	FB
618	Polish Barrel	2 1	89	BT
620	Apply Coatings (Barrel Action)		2-10-89	TSA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/15/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/15/89	RW
	C) Inspect Ejector Hole for Chamfer		2/15/89	RW
	D) Oil Firing Pin Ass'y		2/15/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		152/1/89	LR

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			17 Feb 89	JSB
	G) Safety Off Force	3	3	3			17 Feb 89	JSB
	H) Trigger Pull Test & Retainability						15 Feb 89	JSB
	I) Firing Pin Indent	.0205	.0205	.0205			17 Feb 89	JSB
	J) Assemble Stock						2/20/89	RW
	K) Assemble Swivel Studs						22 Feb 89	JSB
	L) Attach Front and Rear Sight Assemblies						2/20/89	RW
	M) Iron Sight Alignment						2/20/89	RW
	N) Detach Front & Rear Sights & place in numbered container						2/20/89	RW
	O) Attach Scope to Rifle						21 Feb 89	JSB
	P) Detach & Attach Scope 20 Times						21 Feb 89	JSB
640	Gallery Target & Test	42 R	111L				2/21/89	JSB
	A) Time						"	JSB
	B) Malfunctions				NONE		"	JSB
	C) Pierced Primers				NONE		"	AC
	D) Optical Clarity of Scope				OK		2/21/89	AC
645	Inspect for Live Ammo				NONE		2/21/89	AC
655	Final Inspection							
	A) Headspace						22 Feb 89	JSB
	B) Trigger Pull	2.40	2.50	2.65	2.46	2.56	22 Feb 89	JSB
	C) Function						22 Feb 89	JSB
660	Pack						23 Mar 89	JSB

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. 5179DATE 4-5-90TESTER JEP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.29	2.41	2.51	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.39	2.30	2.46	
PULL #3	2.30	2.45	2.49	
PULL #4	2.41	2.40	2.49	
PULL #5	2.40	2.42	2.37	
TOTAL	11.79	11.98	12.32	
AVG.	2.358	2.396	2.464	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.31	3.31	
PULL #2	3.03	3.38	
PULL #3	3.33	3.28	
PULL #4	3.21	3.32	
PULL #5	3.35	3.39	
TOTAL	16.23	16.68	
AVG.	3.246	3.336	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.29	4.50		
PULL #2	4.13	4.54		
PULL #3	4.44	4.53		
PULL #4	4.47	4.53		
PULL #5	4.40	4.42		
TOTAL	21.73	22.52		
AVG.	4.346	4.504		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225179
22 Feb 1989

CENTROIDAL DISTANCES

0	TO	1	.644101
1	TO	2	.742653
1	TO	3	.475742
1	TO	4	.276442
1	TO	5	.482554

$\frac{3^2}{14^2}$ (----POA

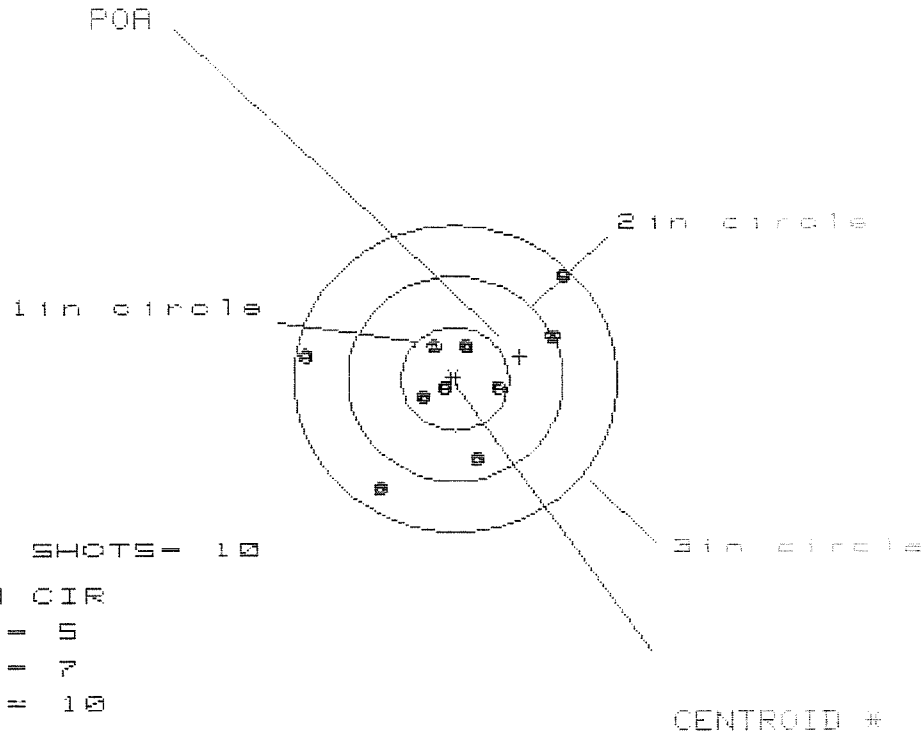
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.3402
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0468
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .343404

THE AMR FOR THIS RIFLE IS: .8016

22 Feb 1985

FILE:/PATTERNING/CENTERFIRE_PAIT/08225173

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 5

2 in = 7

3 in = 10

HS= 2.423

VS= 2.029

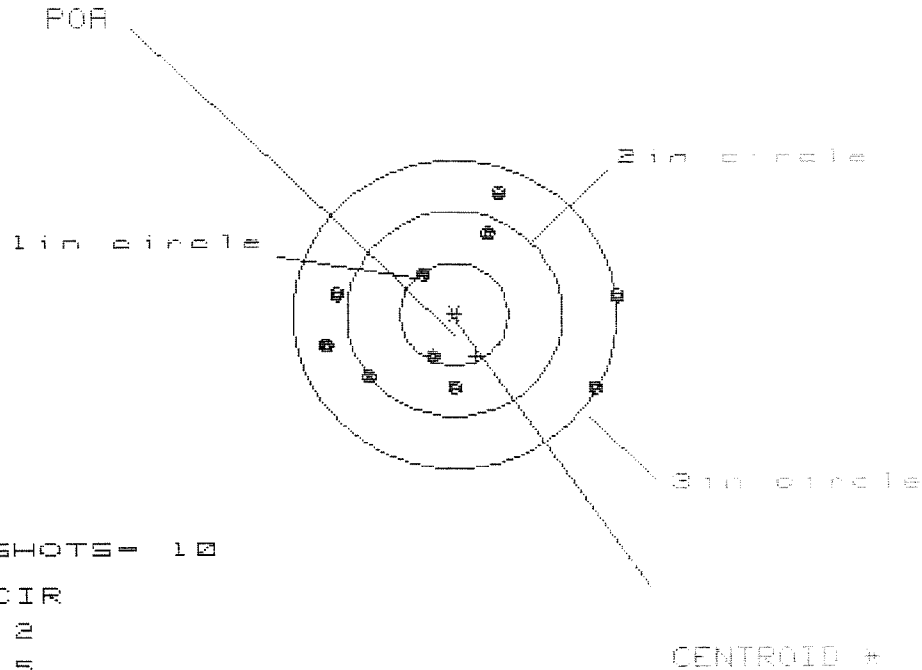
GS= 2.632

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.010	.853	.850
MINIMUM X	:	-1.413	-.824	-.718
MAXIMUM Y	:	.987	1.008	.521
MINIMUM Y	:	-1.042	-1.021	-.895
CENTROID X	:	-.605	-.448	-.554
CENTROID Y	:	-.221	-.242	-.368
POA TO CENTROID in.	:	.644	.509	.666
MIN RADIUS	:	.110	.243	.147
MEAN RADIUS	:	.758	.686	.597
MAX RADIUS	:	1.425	1.320	1.147
HORIZONTAL SPREAD	:	2.423	1.677	1.568
VERTICAL SPREAD	:	2.029	2.029	1.416
EXTREME SPREAD	:	2.632	2.632	2.113
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

22 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225179

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS= 2.646

VS= 1.923

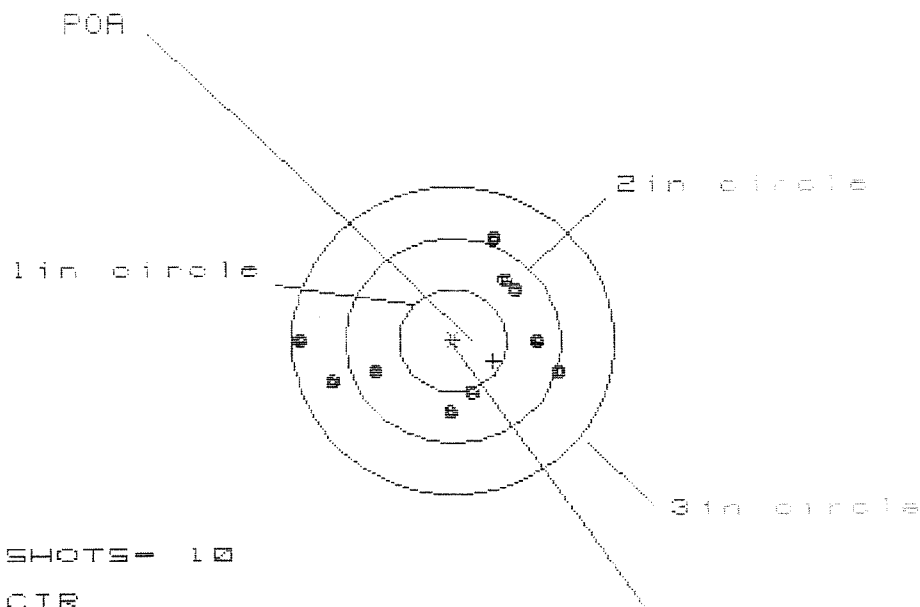
GS= 2.676

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.471	1.621	.738
MINIMUM X	:	-1.175	-1.025	-.823
MAXIMUM Y	:	1.171	1.094	1.103
MINIMUM Y	:	-.752	-.829	-.820
CENTROID X	:	-.207	-.357	-.559
CENTROID Y	:	.406	.483	.474
POA TO CENTROID in.	:	.455	.600	.733
MIN RADIUS	:	.478	.363	.374
MEAN RADIUS	:	1.005	.923	.809
MAX RADIUS	:	1.517	1.622	1.327
HORIZONTAL SPREAD	:	2.646	2.646	1.561
VERTICAL SPREAD	:	1.923	1.923	1.923
EXTREME SPREAD	:	2.676	2.676	2.116
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

22 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225179

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 0

2in = 6

3in = 10

HS= 2.450

VS= 1.624

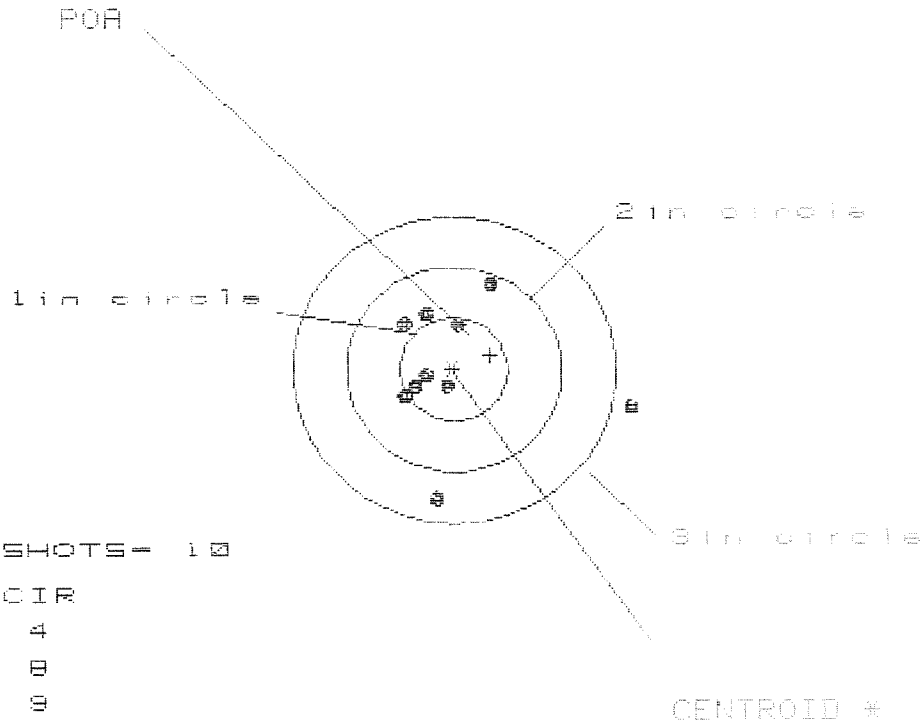
GS= 2.461

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.978	.815	.651
MINIMUM X	:	-1.472	-1.387	-1.043
MAXIMUM Y	:	.972	.969	.910
MINIMUM Y	:	-.652	-.655	-.711
CENTROID X	:	-.376	-.213	-.049
CENTROID Y	:	.196	.199	.255
POA TO CENTROID in.	:	.424	.291	.259
MIN RADIUS	:	.501	.482	.474
MEAN RADIUS	:	.908	.817	.716
MAX RADIUS	:	1.472	1.381	1.091
HORIZONTAL SPREAD	:	2.450	2.122	1.694
VERTICAL SPREAD	:	1.624	1.624	1.624
EXTREME SPREAD	:	2.461	2.130	1.694
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

22 Feb 1989

FILE: /PATTERNING/CENTERFIRE_PATT/06225173

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 4

2 in = 8

3 in = 9

HS = 2.125

VS = 2.105

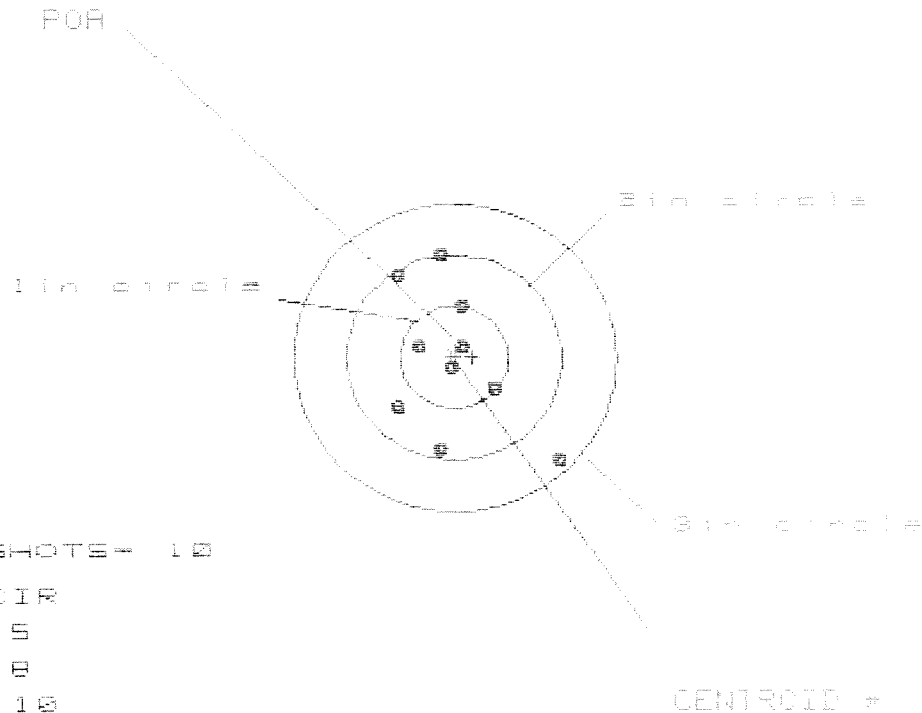
GS = 2.287

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.635	.514	.522
MINIMUM X	:	-.490	-.308	-.300
MAXIMUM Y	:	.866	.825	.665
MINIMUM Y	:	-1.239	-1.280	-1.491
CENTROID X	:	-.341	-.523	.531
CENTROID Y	:	-.139	-.098	.062
POA TO CENTROID in.	:	.368	.532	.535
MIN RADIUS	:	.177	.117	.272
MEAN RADIUS	:	.690	.530	.441
MAX RADIUS	:	1.676	1.281	.846
HORIZONTAL SPREAD	:	2.125	.822	.822
VERTICAL SPREAD	:	2.105	2.105	1.156
EXTREME SPREAD	:	2.287	2.152	1.388
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

22 Feb 1989

FILE: PATTERNING/CENTERFIRE_PATT/08225179

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 5

2 in = 8

3 in = 10

HS= 1.539

VS= 2.000

GS= 2.374

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.012	.457	.456
MINIMUM X	-.527	-.415	-.414
MAXIMUM Y	1.031	.923	.845
MINIMUM Y	-.969	-.996	-.881
CENTROID X	-.172	-.284	.205
CENTROID Y	-.008	.100	-.015
POR TO CENTROID in.	.172	.381	.286
MIN RADIUS	.055	.161	.131
MEAN RADIUS	.647	.559	.589
MAX RADIUS	1.401	.996	.941
HORIZONTAL SPREAD	1.539	.872	.872
VERTICAL SPREAD	2.000	1.919	1.726
EXTREME SPREAD	2.374	1.919	1.782
NUMBER IN ONE INCH CIRCLE	=	5	
NUMBER IN TWO INCH CIRCLE	=	8	
NUMBER IN THREE INCH CIRCLE	=	10	

BARBER M24 0010062 TITING REPORT

COMMENTS

ORDER

R 97-03522

INITIAL

CUSTOMER ORDER NO.

JUM

WOG 3 OF 3

W/LEUPOLD 10X SCOPE

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

02/07/97

02/07/97

LJ 2-89

C6225179

700

7.62

NATO

ACCESSORIES

HARD CASE

SCOPE MNTS

SCOPE BASE

W/STUDS

FROM:

SHIP TO:

 TRANSPORTATION OFFICER USAIC
ATTN ATZB-LOT-MM
BLDG 280
FORT BENNING

GA 31905

 TRANSPORTATION OFFICER USAIC
ATTN ATZB-LOT-MM
BLDG 280
FORT BENNING

GA

31905

CUST NO: 161641 C.O.D.L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE

☐

FROM 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

B1

TRIGGER GROUP

B2

BOLT ASSY.

B3

BARREL ASSY.

B4

D1

REC. ASSY.

B5

D2

WOOD

C1

D3

METAL

C2

MAIN FAULT

W 524097

PARTS

COMMENTS

Barrel

96003

 Repowder Coat Trigger Guard
Assy, Front & Rear Sight Bases
ReZinc Scope Base, Rings &
Swivel Studs

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

2/10/97

3/18/97

3/19/97

3/19/97

OFFICE COPY

RD6925 REV. 11/96

Final Inspection

Sni: C6225179

DATE REC'D: 2/7/97

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

Barrel

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO.

C6225179

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

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

*2/10/97**3/19/97*
3/30/97

BARBER - M24 0010065

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6225179
1 Apr 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .127
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.032
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .130969

THE AMR FOR THIS RIFLE IS: .972

CENTROIDAL DISTANCES

0 TO 1	.545749
1 TO 2	.942351
1 TO 3	.427481
1 TO 4	.640007
1 TO 5	.464613

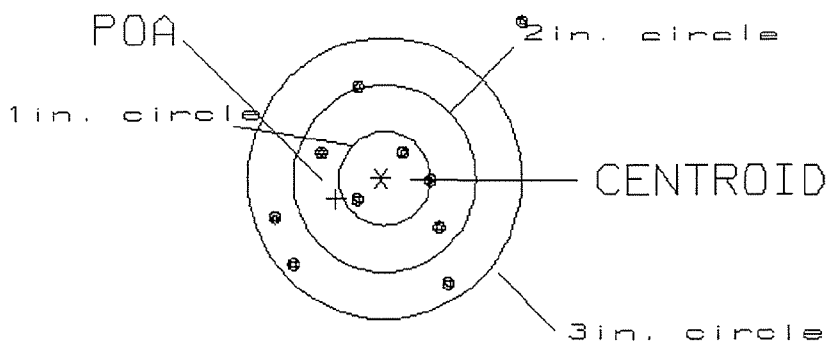
4 1
+5 <----POA
3
2

PATTERN #: ☐ 1 ☐
 POA TO CENTROID: .546
 MIN RADIUS : .336
 MEAN RADIUS : .998
 MAX RADIUS : 2.225
 CENTROID X : .499
 CENTROID Y : .221

21 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225179

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.71
 VS= 2.79
 GS= 3.56

2
 5
 9

BARBER - M24 0010067

REMINGTON CENTERFIRE ACCURACY TEST

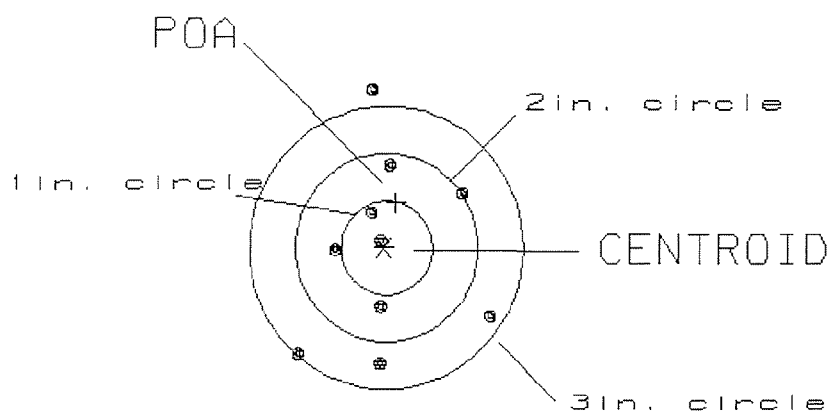
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 2 ☐
 POA TO CENTROID: .496
 MIN RADIUS : .125
 MEAN RADIUS : .934
 MAX RADIUS : 1.674
 CENTROID X : -.133
 CENTROID Y : -.478

21 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225179

CENTERFIRE PATTERN. # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.05

2

VS= 2.69

5

GS= 2.90

9

BARBER - M24 0010068

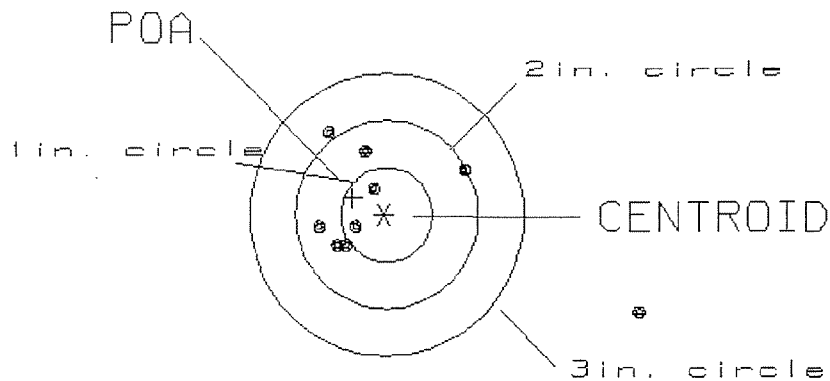
REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 3 ☐
POA TO CENTROID: .386
MIN RADIUS : .296
MEAN RADIUS : .900
MAX RADIUS : 2.961
CENTROID X : .343
CENTROID Y : -.177

21 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225179

CENTERFIRE PATTERN # 3

OF SHOTS= 10

IN CIRCLE

HS= 3.56

3

VS= 1.90

8

GS= 3.93

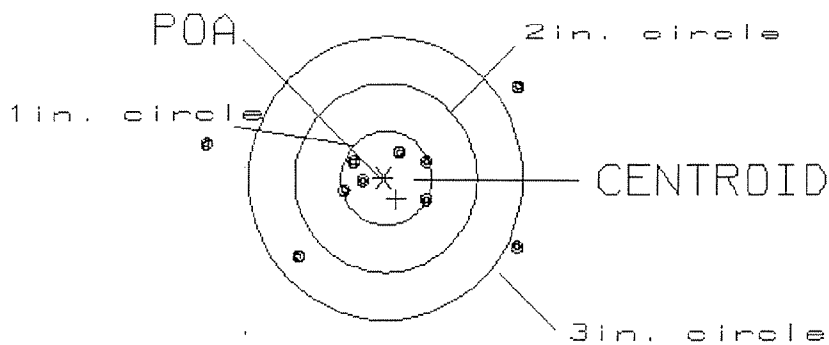
9

PATTERN #: □ 4 L
 POA TO CENTROID: .265
 MIN RADIUS : .225
 MEAN RADIUS : .905
 MAX RADIUS : 2.042
 CENTROID X : -.141
 CENTROID Y : .224

21 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225179

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.49

5

VS= 1.77

6

GS= 3.60

7

BARBER - M24 0010070

REMINGTON CENTERFIRE ACCURACY TEST

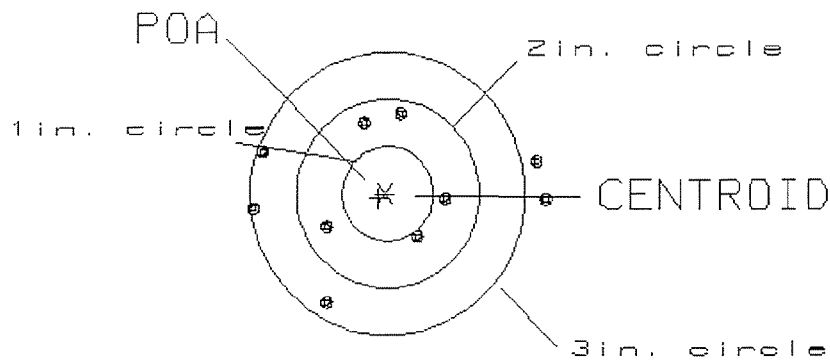
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 5 ☐
 POA TO CENTROID: .084
 MIN RADIUS : .535
 MEAN RADIUS : 1.123
 MAX RADIUS : 1.770
 CENTROID X : .067
 CENTROID Y : .050

21 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225179

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.21
 VS= 2.00
 GS= 3.21

0
 5
 8

BARBER IN M24 0010071 TING REPORT

COMMENTS

 ORDER
R 98-12527

INITIAL CUSTOMER ORDER NO.

M-24 SNIPER
JJM

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

06/15/98
06/15/98
C6225179
700
7.62
NATO

ACCESSORIES

HARD CASE
SCOPE BASE
W/STUDS

FROM:

SHIP TO:

**COMMANDER
 3D BATTALION 75TH RANGER REGI.
 BLDG 2839 ATTN PBO
 FT BENNING**
GA 31905
**COMMANDER
 3D BATTALION 75TH RANGER REGI.
 BLDG 2839 ATTN PBO
 FT BENNING**
GA
31905
CUST NO: 063702 C.O.D.

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

 WRITE ☐

FROM DATE

ESTIMATED

VIA

UPS

GUN CONDITION

☐ NEW

☐ LIGHTLY WORN

☐ WORN

☐ VERY WORN

☐ UNREPAIRABLE

☐ MARRED

W806YB
W52H098179 H243

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.

B

D1

E3

F3

REC. ASSY.

B3

D2

E4

F4

WOOD

C1

D3

E5

F5

METAL

C2

MAIN FAULT

PARTS

COMMENTS

**Bolt Assy
 PR 96005**

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

RW
RW

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

7/72
7/72

OFFICE COPY

RD8025 REV. 7/97

 CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
 KINZER V. REMINGTON

 BARBER - M24 **0010071**

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON