

C6348908

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Remington
Model 700™ H24

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

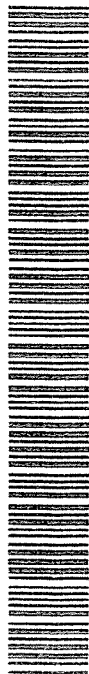
VERY IMPORTANT:
 Instruction Book
 enclosed to assure
 safe use of this
 firearm.

SERIAL NO.
 C6348908

ORDER NO.
5716

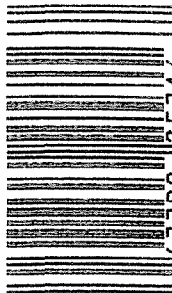
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

Q1



5716 C6348908

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348908

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 14	89	RW
600	Proof	9 14	89	RW
607	Check Headspace	9 14	89	RW
610	Dis-assemble Gun	9-14		RW
612	Magnaflux Barrel Action	9-14-89		KCR
	Magnaflux Bolt	9-14-89		KCR
615	Rollmark Caliber		9/15-89	GS
7	Drill and Tap Sight Holes	9 15	89	FB
618	Polish Barrel	9 15	89	BT
620	Apply Coatings (Barrel Action)		9/15/89	TJA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		9/26/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/26/89	RW
	C) Inspect Ejector Hole for Chamfer		9/26/89	RW
	D) Oil Firing Pin Ass'y		9/26/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		28 Sept 89	GS

op. #	BARBER - M24 0041307 OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	5	5	5	10/4/89	JS
	G) Safety Off Force	4	4	4	10/4/89	JS
	H) Trigger Pull Test & Retainability				28 Sept 89	JS
	I) Firing Pin Indent	1022	1021	1022	10/4/89	JS
	J) Assemble Stock				10/4/89	JS
	K) Assemble Swivel Studs				6 Oct 89	JS
	L) Attach Front and Rear Sight Assemblies				10/4/89	JS
	M) Iron Sight Alignment				10/4/89	JS
	N) Detach Front & Rear Sights & place in numbered container				10/4/89	JS
	O) Attach Scope to Rifle				10/4/89	JS
	P) Detach & Attach Scope 20 Times				10/4/89	JS
640	Gallery Target & Test				10-4-89	D/H
	A) Time				10-4-89	D/H
	B) Malfunctions				10-4-89	D/H
	C) Pierced Primers				10-4-89	D/H
	D) Optical Clarity of Scope				10-4-89	D/H
645	Inspect for Live Ammo				10-4-89	D/H
655	Final Inspection					
	A) Headspace				6 Oct 89	JS
	B) Trigger Pull	284	274	255	6 Oct 89	JS
	C) Function				6 Oct 89	JS
660	Pack				14 Dec 89	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6348908

DATE 4-6-90

TESTER JM.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.47	2.28		2.50	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.56	2.13		2.35	
PULL #3	2.50	2.31		2.46	
PULL #4	2.31	2.49		2.42	
PULL #5	2.45	2.31		2.48	
TOTAL	12.29	11.52		12.21	
AVG.	2.458	2.304		2.442	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.39	3.41		
PULL #2	3.38	3.54		
PULL #3	3.02	3.51		
PULL #4	3.53	3.30		
PULL #5	3.50	3.47		
TOTAL	16.82	17.23		
AVG.	3.364	3.446		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.20	4.40		
PULL #2	4.16	4.38		
PULL #3	4.13	4.18		
PULL #4	4.12	4.38		
PULL #5	4.10	4.37		
TOTAL	20.71	21.71		
AVG.	4.142	4.342		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348908
4 Oct 1989

CENTROIDAL DISTANCES

0 TO	1	1.12601
1 TO	2	.493855
1 TO	3	1.07841
1 TO	4	.713571
1 TO	5	.943259

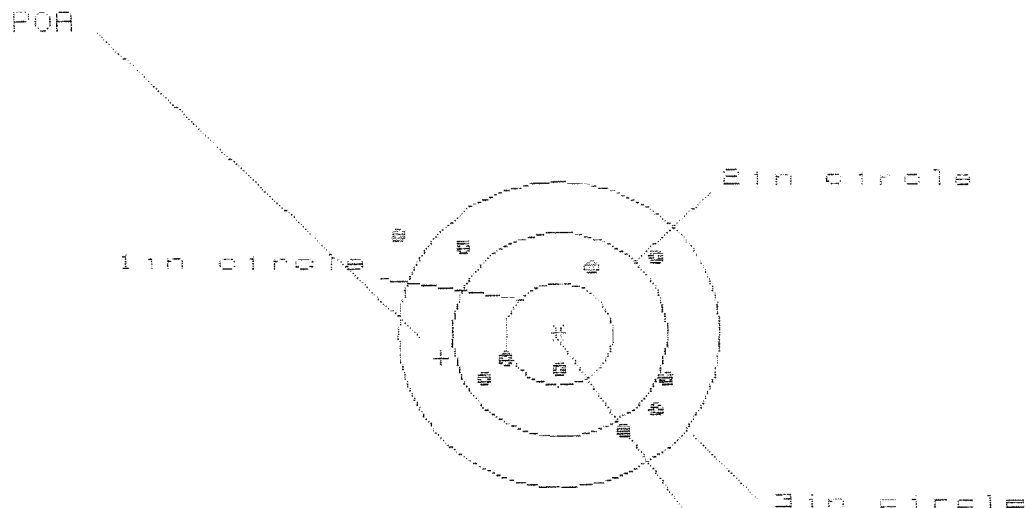
4² 1 <----POA
3

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .6992
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2044
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .728464
THE AMR FOR THIS RIFLE IS: .9544

4 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8348988

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 4

3 in = 5

HS = 2.424

VS = 1.881

GS = 2.919

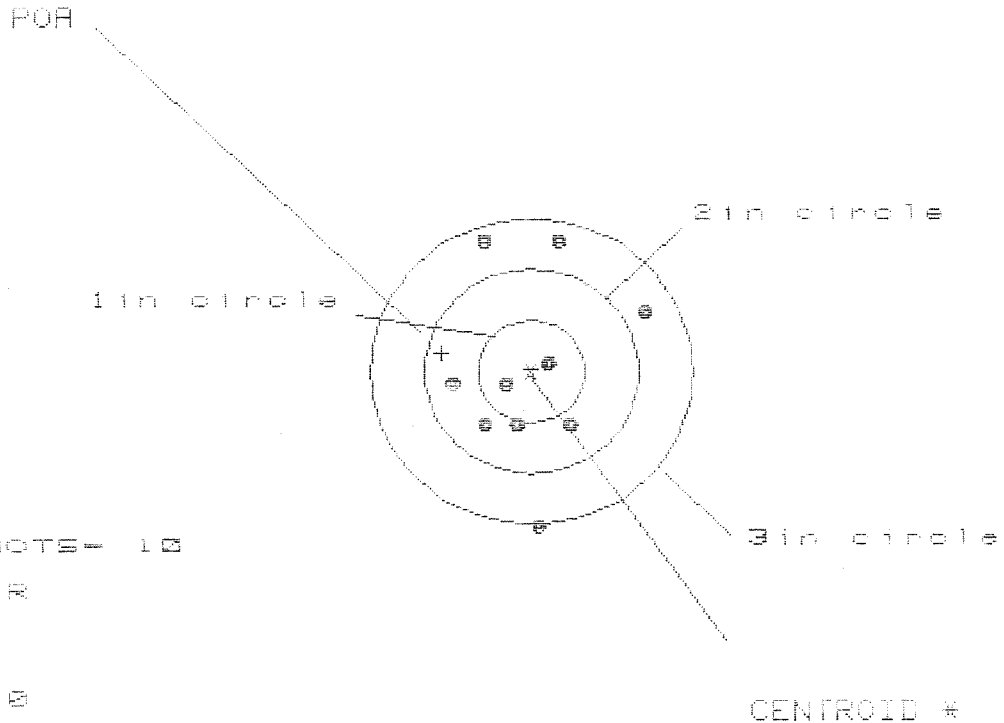
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.972	.810	.671
MINIMUM X	-1.461	-1.113	-1.038
MAXIMUM Y	.987	.934	.945
MINIMUM Y	-.895	-.785	-.668
CENTROID X	1.101	1.264	1.403
CENTROID Y	.236	.127	.010
POR TO CENTROID (in.)	1.127	1.270	1.403
MIN RADIUS	.349	.306	.352
MEAN RADIUS	.997	.889	.800
MAX RADIUS	1.763	1.453	1.113
HORIZONTAL SPREAD	2.434	1.923	1.709
VERTICAL SPREAD	1.881	1.719	1.613
EXTREME SPREAD	2.919	2.416	2.015
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	9		

4 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06348908

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 10

HS= 1.763

VS= 2.797

GS= 2.839

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.039	1.046	.994
MINIMUM X	:	-.724	-.717	-.769
MAXIMUM Y	:	1.321	1.157	1.249
MINIMUM Y	:	-1.476	-.785	-.561
CENTROID X	:	.838	.831	.883
CENTROID Y	:	-.182	-.018	-.162
POA TO CENTROID in.	:	.858	.832	.898
MIN RADIUS	:	.262	.238	.154
MEAN RADIUS	:	.835	.789	.690
MAX RADIUS	:	1.478	1.229	1.275
HORIZONTAL SPREAD	:	1.763	1.763	1.763
VERTICAL SPREAD	:	2.797	1.862	1.810
EXTREME SPREAD	:	2.839	1.958	1.947
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

4 Oct 1985

FILE:/PATTERNING/CENTERFIRE_PATT/C694B900

CENTERFIRE PATTERNS

3

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 5

2in = 8

3in = 9

HS= 2.501

VS= 1.354

GS= 2.683

CENTROID *

PATTERN #

:

3

SHOTS (BEST OF)

:

10

9

8

MAXIMUM X

:

1.124

.959

.391

MINIMUM X

:

-1.477

-.536

-.516

MAXIMUM Y

:

.697

.651

.674

MINIMUM Y

:

-.657

-.703

-.686

CENTROID X

:

.748

.913

.793

CENTROID Y

:

-.783

-.737

-.760

POA TO CENTROID in.

:

1.083

1.173

1.098

MIN RADIUS

:

.106

.015

.137

MEAN RADIUS

:

.637

.501

.450

MAX RADIUS

:

1.536

.978

.744

HORIZONTAL SPREAD

:

2.601

1.595

.987

VERTICAL SPREAD

:

1.354

1.354

1.354

EXTREME SPREAD

:

2.683

1.645

1.493

NUMBER IN ONE INCH CIRCLE =

5

NUMBER IN TWO INCH CIRCLE =

8

NUMBER IN THREE INCH CIRCLE =

9

4 Oct 1985

FILE:/PATTERNING/CENTERFIRE_PATT/08348388

CENTERFIRE PATTERNS

4

POR

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 0

2 in = 4

3 in = 10

HS= 2.379

VS= 2.637

GS= 2.639

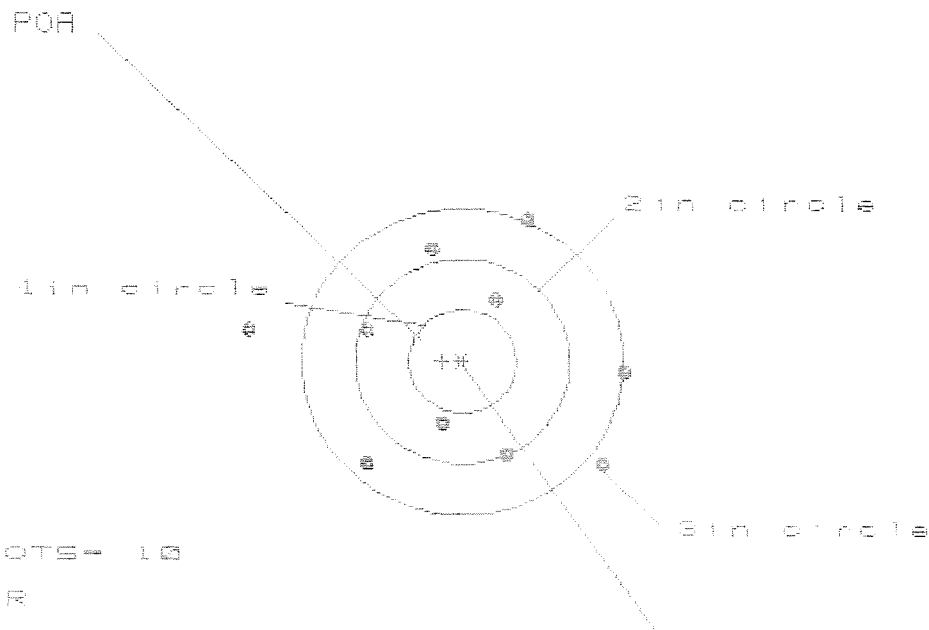
PATTERN #	1	4	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.205	1.143	1.079
MINIMUM X	-1.174	-1.236	-1.300
MAXIMUM Y	1.308	1.161	1.106
MINIMUM Y	-1.329	-1.207	-1.062
CENTROID X	.621	.683	.747
CENTROID Y	-.292	-.145	-.290
POR TO CENTROID in.	.687	.699	.802
MIN RADIUS	.645	.495	.604
MEAN RADIUS	1.062	.996	.962
MAX RADIUS	1.441	1.381	1.383
HORIZONTAL SPREAD	2.379	2.379	2.379
VERTICAL SPREAD	2.637	2.368	2.168
EXTREME SPREAD	2.639	2.552	2.451
NUMBER IN ONE INCH CIRCLE	=	0	
NUMBER IN TWO INCH CIRCLE	=	4	
NUMBER IN THREE INCH CIRCLE	=	10	

4 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06348988

CENTERFIRE PATTERNS

5



OF SHOTS- 10

IN CIR

1IN = 0

2IN = 3

3IN = 6

ME = 1.558

VSE = 2.421

GSE = 3.611

CENTROID *

PATTERN #

5

SAITS (BEST OF)	10	9	8
MAXIMUM X	1.558	1.329	1.460
MINIMUM X	-2.031	-1.075	-1.944
MAXIMUM Y	1.411	1.443	1.321
MINIMUM Y	-1.010	-0.978	-1.084
CENTROID X	.188	.414	.383
CENTROID Y	-.081	-.033	.389
RUN TO CENTROID (in)	.188	.415	.297
MIN RADIUS	.625	.629	.544
MEAN RADIUS	1.241	1.143	1.090
MAX RADIUS	2.052	1.494	1.478
HORIZONTAL SPREAD	3.066	2.404	2.404
VERTICAL SPREAD	2.421	2.421	2.405
EXTREME SPREAD	3.611	2.814	2.814
NUMBER IN ONE INCH CIRCLE	=	0	
NUMBER IN TWO INCH CIRCLE	=	1	
NUMBER IN THREE INCH CIRCLE	=	6	

RECEIVING AND ESTIMATING REPORT

BARBER M24 0041315

COMMENTS

ORDER
R 97-00566

INITIAL
JJM

M-24 SNIPER

DATE RECEIVED 01/09/97	DATE OPENED 01/09/97	DATE CODE DJ 9-89	SERIAL NUMBER C6348908	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62 NATO
ACCESSORIES SCOPE BASE HARD CASE W/STUDS					

FROM:

U.S. ARMY
2/5 SFG (A)
BLDG 3213
FT CAMPBELL

KY 42223

SHIP TO:

U.S. ARMY
2/5 SFG (A)
BLDG 3213
FT CAMPBELL

KY
42223

CUST NO: 149382 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	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 W52 H097009 H243

COMMENTS

Barrel - 96003
Bolt - 96005
Mag Spring - 15677

Re powder Coat Trigger Guard
Assy. Front & Rear Sight
Bases
Re Zinc Scope Base &
Swivel Studs

REPAIRMAN RW	PROOF ✓	CLEAN ✓	TEST ✓	TARGET ✓	PATTERN
GALLERY TESTER RW	DATE 1/13/97	DATE 2/6/97	DATE 2/7/97	DATE 2/7/97	DATE

OFFICE COPY

RD5925 REV. 11/95

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0041315

2175436

B 28

MAINTENANCE REQUEST				PAGE NO.		NO. OF PAGES		REQUIREMENTS CONTROL SYMBOL CSGLD - 1047(R1)			
For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG											
SECTION I - EQUIPMENT DATA											
CONTROL NUMBER		WORK ORDER NO.			WESDC		ORG. PD		PD AUTHENTICATION		
☐ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION 2/5th SFG (A)			B. LOCATION BLDG # 3213 FT CAMPBELL, KY 42223			C. UNIT IDENT CODE WH05DO			
2. SERIAL NO. C6348908		3. NOUN NOMENCLATURE SNIPER WPN SYS 7.62MM			4. LINE NO.		5. MODEL M 24		6. NATIONAL STOCK NUMBER 1005-01-240-2136		
7A. MAINTENANCE ACTIVITY		B. LEVEL	8. UTILIZATION CODE	9A. MCSR ITEM	9B. ERC	9C. PACING ITEM	10. HOURS	11. MILES	12. ROUNDS	13. STARTS	
14. FAILURE DETECTED DURING (Select one - use ☒ or X)					15. FIRST INDICATION OF TROUBLE (Select one - use ☒ or X)						
☐ A Sch. Main.		☐ C Test		☐ E Storage		☐ G Flight		☐ 058 Inoperative		☐ 258 Overheating	
☐ B Handling		☒ D Normal Op		☐ F Inspection		☐ H Other		☐ 008 Noisy		☒ 387 Low Performance	
								☐ 790 Out of Adjustment		☐ Other	
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs).											
BOLT FACE DENTED AND WEAPON DOES NOT EXTRACT PROPERLY. BARREL EROSION - SURPASSED TEN THOUSAND ROUNDS											
B. REMARKS											
SECTION II - WORK ACCOMPLISHED											
17A. REPAIR ORGANIZATION/ACTIVITY				C. UNIT IDENT. CODE		18. TYPE ORGANIZATION/ACTIVITY ACCOMPLISHING WORK (Select one - use ☒ or X)				19. AMS ACCT. CODE	
B. LOCATION						☐ 1 TOE ☐ 2 TD ☐ 3 Contractor					
20A. ACT. CODE	B. FAILURE CODE	C. COMPONENT/PART NOUN, SVC, OR MWO NO.			D. MANHOURS (Hrs. & tenths)	E. NATIONAL STOCK NUMBER		F. PART SOURCE CODE	G. QTY.	H. PARTS COST	
		(1) CB CODE	(2) REF DESIGN.	(3) MFR. CODE							
											\$
											\$
											\$
											\$
											\$
											\$
											\$
											\$
											\$
											\$
											\$
											\$
											\$
											\$
											\$
I. TOTAL MANHOURS					J. TOTAL MANHOURS COST			K. TOTAL PARTS COST			
					\$			\$			
21. DELAY (Select One)											
	☐ 1 Parts	☐ 2 Manpower	☐ 3 Facilities	☐ 4 Funds	☐ 5 Tools						
23. SUBMITTED BY		24. RECEIVED BY		25. WORK STARTED BY		26. INSPECTED BY		27. ACCEPTED BY		28. DISPOSITION (Select One)	
JULIAN DATE 96312										☐ A To User ☐ D Evacuated ☐ B To Stock ☐ E Cannibalization ☐ C Salvaged	

Final Inspection

Sn: C6348908

DATE REC'D: 1/9/97

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

New Barrel
+ Bolt

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO. C6348908

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	1/13/97	PR
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	1/2/97	PR
655	FINAL INSPECT		
660	PACK		

QAR INSPECTION

SHIP DATE

BARBER - M24 0041319

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6348908
3 Mar 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.033
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1128
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .117528

THE AMR FOR THIS RIFLE IS: 1.161

CENTROIDAL DISTANCES

0 TO	1	.349654
1 TO	2	.556202
1 TO	3	.443407
1 TO	4	.353747
1 TO	5	1.26207

1
3 + 4 <----POA
2

5

REMINGTON CENTERFIRE ACCURACY TEST

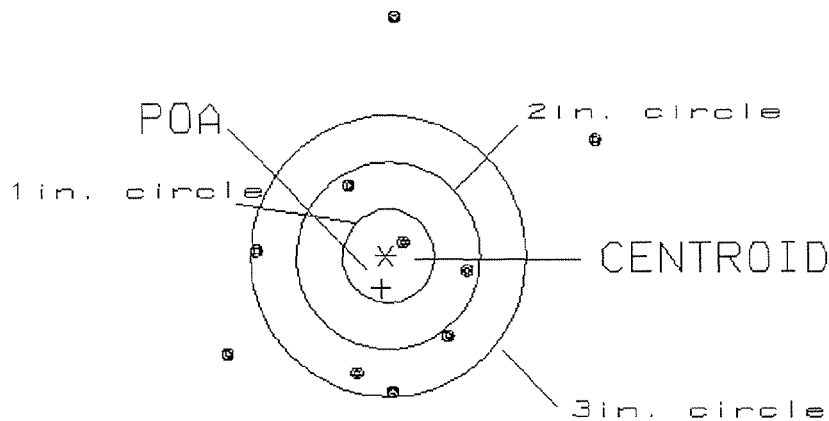
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 1
 POA TO CENTROID: .349
 MIN RADIUS : .194
 MEAN RADIUS : 1.428
 MAX RADIUS : 2.559
 CENTROID X : .043
 CENTROID Y : .347

3 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6348908

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.99
 VS= 3.99
 GS= 4.60

1
 3
 7

REMINGTON CENTERFIRE ACCURACY TEST

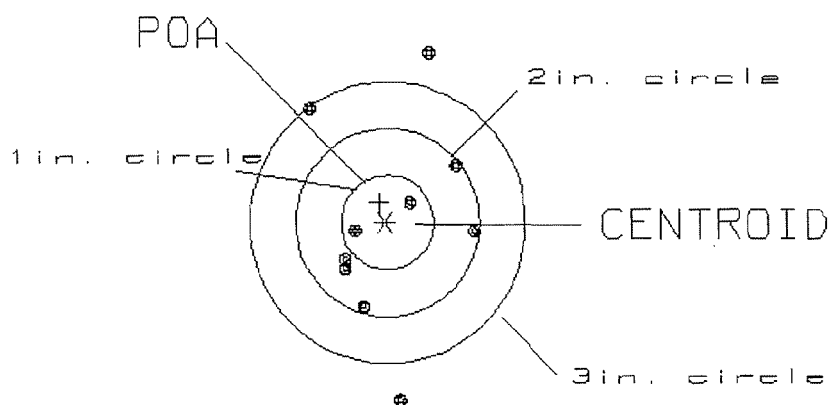
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 2 ☐
 POA TO CENTROID: .217
 MIN RADIUS : .345
 MEAN RADIUS : 1.021
 MAX RADIUS : 1.938
 CENTROID X : .058
 CENTROID Y : -.209

3 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6348908

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 1.83
 VS= 3.79
 GS= 3.80

2
 7
 8

REMINGTON CENTERFIRE ACCURACY TEST

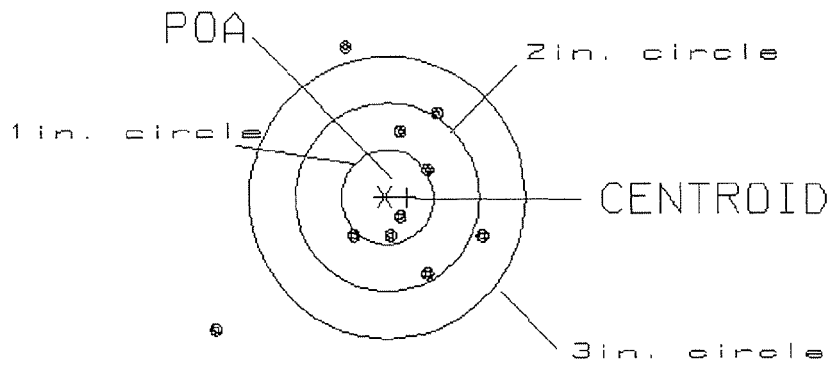
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 3
 POA TO CENTROID: .238
 MIN RADIUS : .203
 MEAN RADIUS : .945
 MAX RADIUS : 2.348
 CENTROID X : -.238
 CENTROID Y : .004

3 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6348908

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.95
 VS= 3.05
 GS= 3.38

2
 6
 8

REMINGTON CENTERFIRE ACCURACY TEST

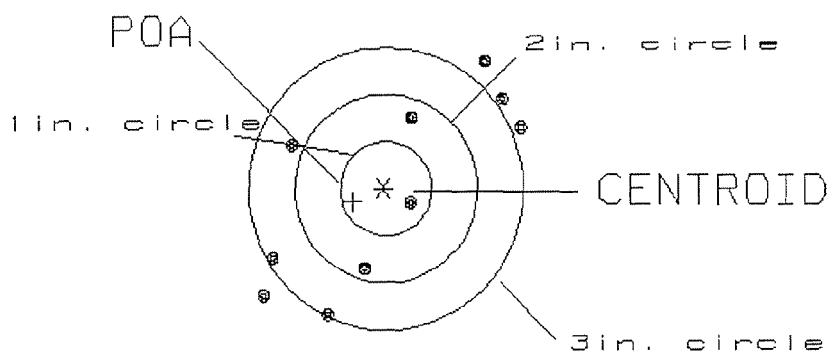
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 4
 POA TO CENTROID: .361
 MIN RADIUS : .317
 MEAN RADIUS : 1.281
 MAX RADIUS : 1.768
 CENTROID X : .332
 CENTROID Y : .143

3 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6348908

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.83

1

VS= 2.70

3

GS= 3.52

6

REMINGTON CENTERFIRE ACCURACY TEST

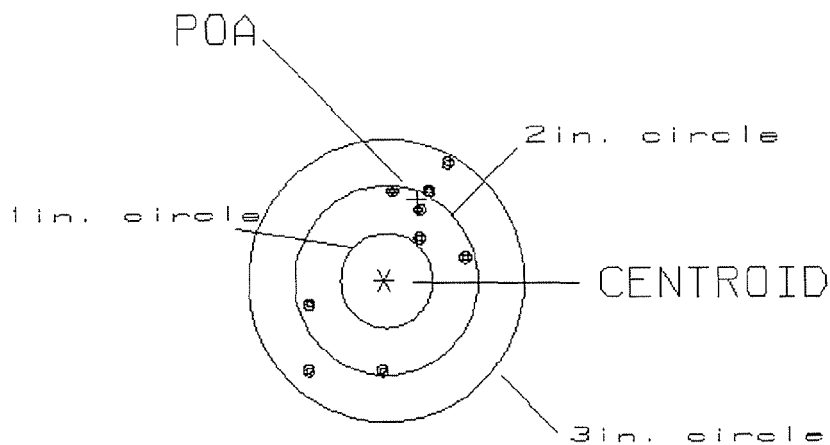
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 5
 POA TO CENTROID: .922
 MIN RADIUS : .559
 MEAN RADIUS : 1.129
 MAX RADIUS : 2.546
 CENTROID X : -.360
 CENTROID Y : -.849

3 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6348908

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 1.92

0

VS= 3.54

6

GS= 3.91

9