

C6225544

MODEL 700TM N24

Model **SWS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Remington®



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

MODEL 700™ M24

MADE IN U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada. Marque Deposee.

20

SERIAL NO.

C6225544

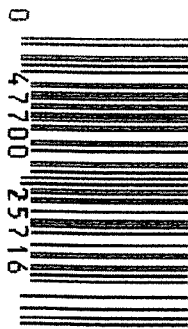
ORDER NO.

5716



5716 C6225544

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6225544

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	12 9	88	RW
600	Proof	12 9	88	RW
607	Check Headspace	12 9	88	RW
610	Dis-assemble Gun	12 9	88	RW
612	Magnaflux Barrel Action		12-22-88	RK.
	Magnaflux Bolt		1-3-89	RK.
615	Rollmark Caliber		12/23/88	WDC.
617	Drill and Tap Sight Holes	1 3	89	FB
618	Polish Barrel	12 2	88	WJ/T
620	Apply Coatings (Barrel Action)		1-12-89	ISA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		1/23/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/23/89	RW
	C) Inspect Ejector Hole for Chamfer		1/23/89	RW
	D) Oil Firing Pin Ass'y		1/23/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		23 Jan 89	US

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			25 Jan 89	JS
	G) Safety Off Force	3	3	3			25 Jan 89	JS
	H) Trigger Pull Test & Retainability						23 Jan 89	JS
	I) Firing Pin Indent	.021	.021	.021			25 Jan 89	JS
	J) Assemble Stock						1/30/89	RW
	K) Assemble Swivel Studs						3 Feb 89	JS
	L) Attach Front and Rear Sight Assemblies						1/30/89	RW
	M) Iron Sight Alignment						1/30/89	RW
	N) Detach Front & Rear Sights & place in numbered container						1/30/89	RW
	O) Attach Scope to Rifle						4/30	RW
	P) Detach & Attach Scope 20 Times						30 Jan 89	JS
640	Gallery Target & Test	69 R	83 L				1/31/89	AK
	A) Time						"	AK
	B) Malfunctions			NONE			"	AK
	C) Pierced Primers			NONE			"	AK
	D) Optical Clarity of Scope			OK			1/31/89	AK
645	Inspect for Live Ammo			NONE			1/31/89	AK
655	Final Inspection							
	A) Headspace						3 Feb 89	JS
	B) Trigger Pull	2.65	2.65	2.56	2.64	2.56	3 Feb 89	JS
	C) Function						3 Feb 89	JS
660	Pack						3/22/89	DH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C6225544

DATE 4-10-90

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.55	2.58		2.29	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.49	2.58		2.57	
PULL #3	2.50	2.54		2.52	
PULL #4	2.60	2.47		2.54	
PULL #5	2.56	2.52		2.51	
TOTAL	12.70	12.69		12.43	
AVG.	2.54	2.538		2.486	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.46	3.40		
PULL #2	3.32	3.44		
PULL #3	3.28	3.43		
PULL #4	3.26	3.30		
PULL #5	3.31	3.27		
TOTAL	16.63	16.84		
AVG.	3.326	3.368		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.17	4.23		
PULL #2	4.17	4.19		
PULL #3	4.22	4.19		
PULL #4	4.21	4.29		
PULL #5	4.18	4.24		
TOTAL	20.95	21.14		
AVG.	4.19	4.228		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225544
2 Feb 1989

CENTROIDAL DISTANCES

0 TO	1	.171814
1 TO	2	.183068
1 TO	3	.501327
1 TO	4	.20573
1 TO	5	.57014

$\frac{4b}{3s}$ <----POA

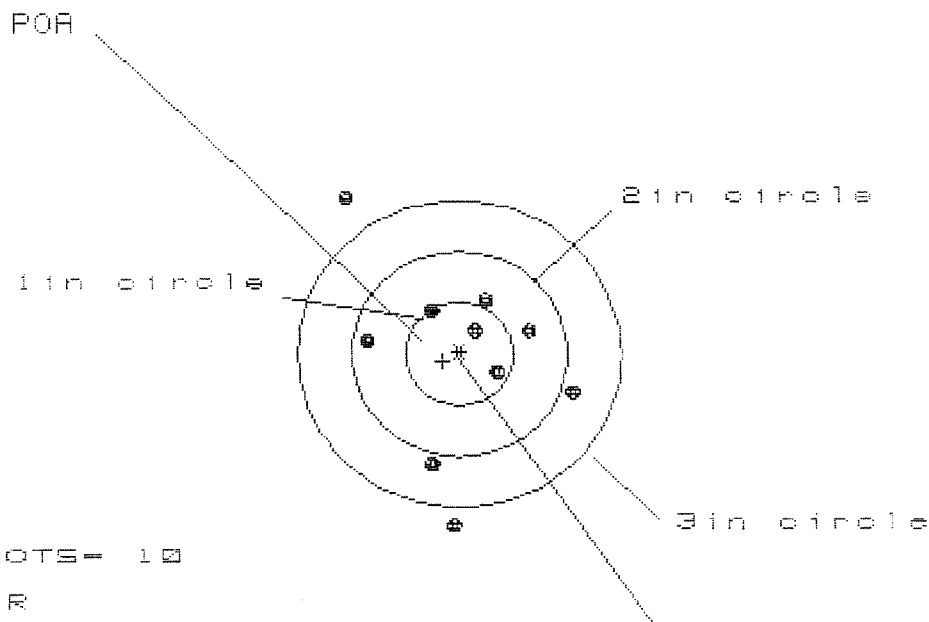
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0354
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.147
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .151282

THE AMR FOR THIS RIFLE IS: 1.015

31 Jan 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225544

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 2.113

VS= 3.207

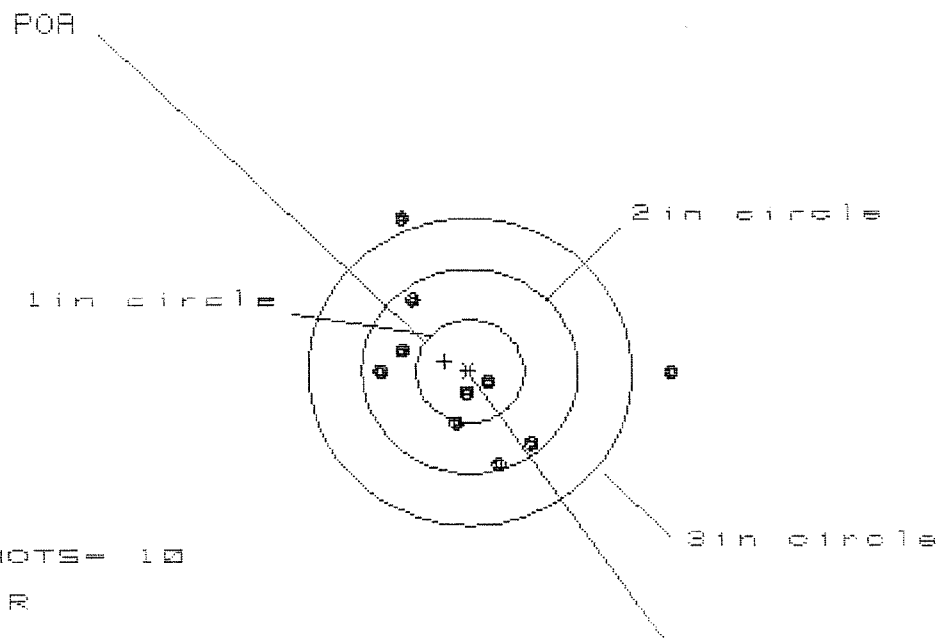
GS= 3.368

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.071	.955	.939
MINIMUM X	:	-1.042	-1.009	-1.026
MAXIMUM Y	:	1.571	.735	.552
MINIMUM Y	:	-1.636	-1.462	-1.090
CENTROID X	:	.156	.271	.287
CENTROID Y	:	.072	-.102	.081
POA TO CENTROID in.	:	.172	.290	.299
MIN RADIUS	:	.228	.264	.184
MEAN RADIUS	:	.914	.810	.677
MAX RADIUS	:	1.885	1.468	1.159
HORIZONTAL SPREAD	:	2.113	1.964	1.964
VERTICAL SPREAD	:	3.207	2.197	1.642
EXTREME SPREAD	:	3.368	2.210	2.025
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

31 Jan 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225544

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 5

3 in = 8

HM= 0.747

VS= 2.312

GS= 2.895

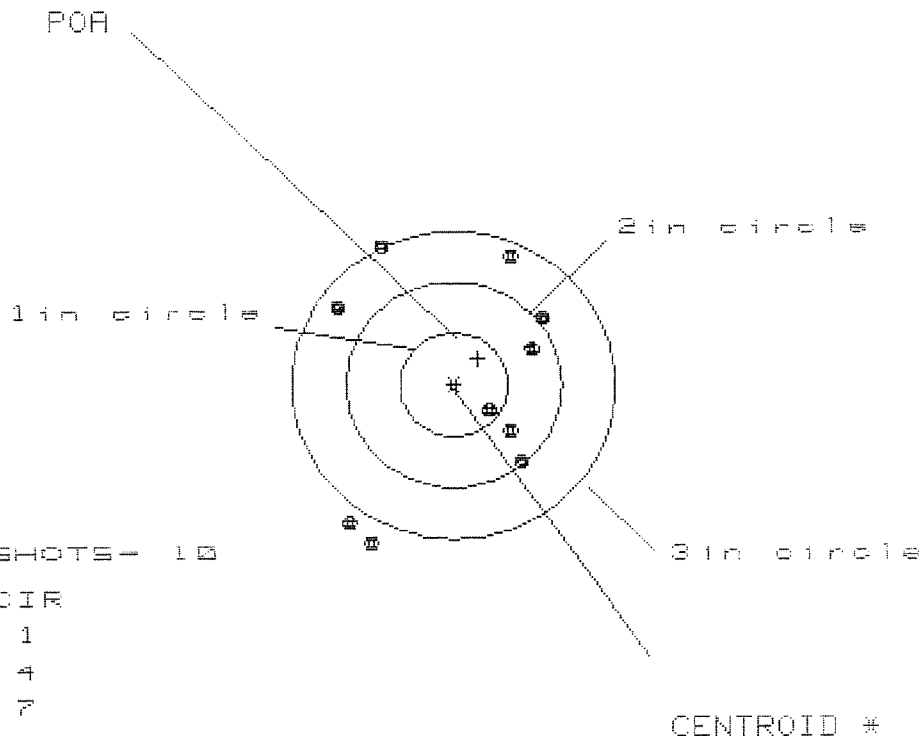
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.895	.762	.711
MINIMUM X	:	-.852	-.642	-.693
MAXIMUM Y	:	1.449	1.451	.903
MINIMUM Y	:	-.863	-.861	-.679
CENTROID X	:	.231	.021	.072
CENTROID Y	:	-.095	-.097	-.279
POA TO CENTROID in.	:	.250	.099	.288
MIN RADIUS	:	.159	.245	.085
MEAN RADIUS	:	.856	.721	.582
MAX RADIUS	:	1.895	1.509	.980
HORIZONTAL SPREAD	:	2.747	1.404	1.404
VERTICAL SPREAD	:	2.312	2.312	1.582
EXTREME SPREAD	:	2.895	2.489	1.827
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		8	

31 Jan 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225544

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 7

HS= 1.854

VS= 2.966

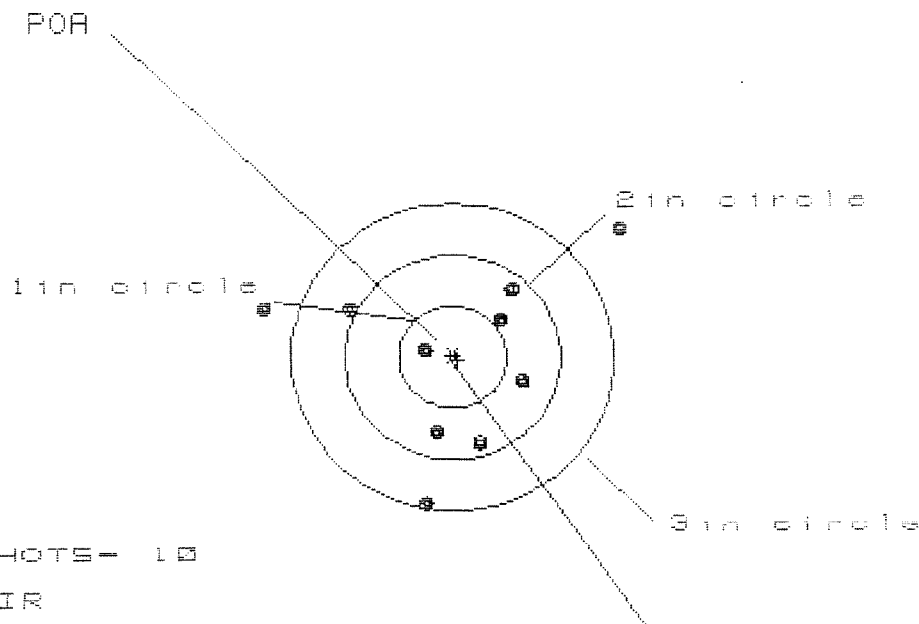
QS= 3.081

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.798	.708	.579
MINIMUM X	-1.056	-1.146	-1.274
MAXIMUM Y	1.404	1.230	1.037
MINIMUM Y	-1.562	-1.545	-1.076
CENTROID X	-.224	-.134	-.005
CENTROID Y	-.255	-.081	.112
POA TO CENTROID in.	.340	.156	.112
MIN RADIUS	.447	.522	.554
MEAN RADIUS	1.155	1.066	.939
MAX RADIUS	1.762	1.854	1.397
HORIZONTAL SPREAD	1.854	1.854	1.854
VERTICAL SPREAD	2.966	2.775	2.113
EXTREME SPREAD	3.081	2.967	2.495
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	7		

31 Jan 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225544

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 8

HS= 3.275

VS= 2.682

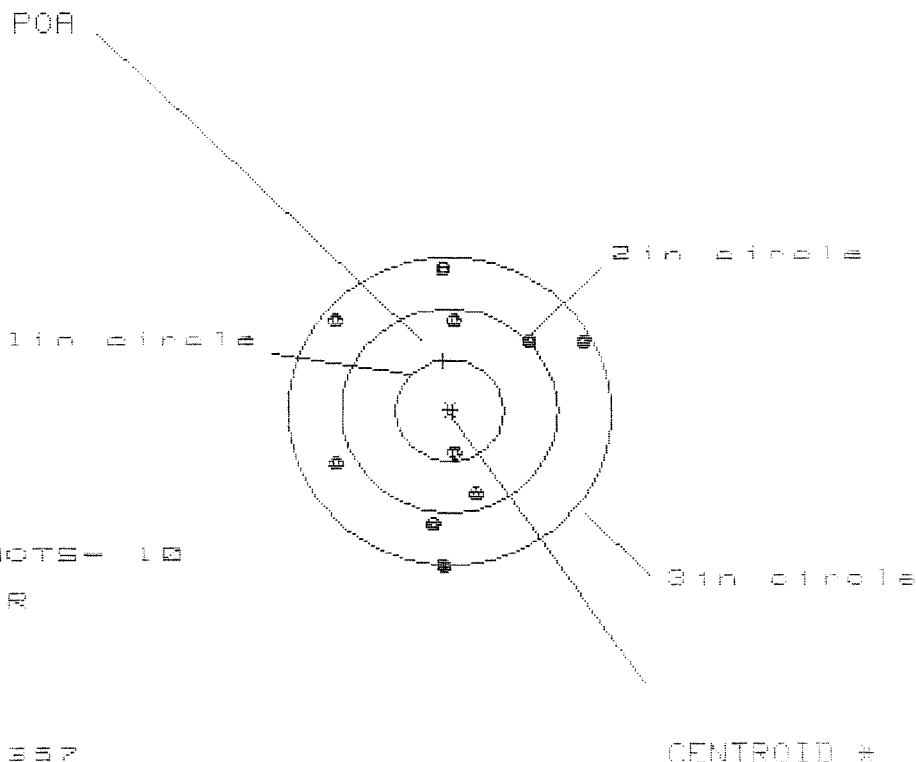
CS= 3.385

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.502	.801	.600
MINIMUM X	:	-1.773	-1.606	-.961
MAXIMUM Y	:	1.282	.777	.848
MINIMUM Y	:	-1.400	-1.258	-1.187
CENTROID X	:	-.046	-.213	-.012
CENTROID Y	:	.033	-.109	-.180
POA TO CENTROID in.	:	.057	.239	.181
MIN RADIUS	:	.268	.265	.427
MEAN RADIUS	:	1.027	.921	.796
MAX RADIUS	:	1.975	1.704	1.223
HORIZONTAL SPREAD	:	3.275	2.407	1.561
VERTICAL SPREAD	:	2.682	2.035	2.035
EXTREME SPREAD	:	3.385	2.497	2.200
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

31 Jan 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225544

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 3

3in = 6

HS= 2.337

VS= 2.897

CS= 2.897

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.282
MINIMUM X	-1.075
MAXIMUM Y	1.364
MINIMUM Y	-1.533
CENTROID X	.060
CENTROID Y	-.490
POA TO CENTROID in.	.494
MIN RADIUS	.457
MEAN RADIUS	1.124
MAX RADIUS	1.534
HORIZONTAL SPREAD	2.357
VERTICAL SPREAD	2.897
EXTREME SPREAD	2.897
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	3
NUMBER IN THREE INCH CIRCLE =	9

RECEIVING AND INSPECTION REPORT

COMMENTS

ORDER
R 97-10037

INITIALS CUSTOMER ORDER NO.

WOG 4 OF 4
M-24

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

05/22/97

05/22/97

C6225544

700 7.62

NATO

ACCESSORIES

W/STUDS

SCOPE BASE

FROM:

SHIP TO:

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

KY 42223

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 ☐

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

A

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

Sear Spring missing from Trigger Assy

PARTS

COMMENTS

Barrel

96001

Repowder Coat Trigger
Guard Assy Front & Rear
Sight BasesRezinc Scope Base &
Swivel Studs

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

RW

✓

✓

✓

✓

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

JW

5-17-97

7-14-97

7-18-97

7-18-97

OFFICE COPY

RD6923 REV. 11/95

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400051154

2175496

#B12

MAINTENANCE REQUEST				PAGE NO.		NO. OF PAGES		REQUIREMENTS CONTROL SYMBOL							
For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG								CSGLD - 1047(R1)							
SECTION I - EQUIPMENT DATA															
CONTROL NUMBER		WORK ORDER NO.		WESDC		CRG. PD		PD AUTHENTICATION							
☐ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION 2/5 SFG (A)		B. LOCATION BLDG # 3213 FTCKY 42223				C. UNIT IDENT CODE WH05 DO							
2. SERIAL NO. C6225544		3. NOUN NOMENCLATURE SNIPER WFN 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. ☐ B Handling		☐ C Test ☒ D Normal Op		☐ E Storage ☐ F Inspection		☐ G Flight ☐ H Other		☐ 068 Inoperative ☐ 008 Noisy		☐ 258 Overheating ☐ 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). WEAPON SURPASSED TEN THOUSAND ROUNDS THROUGH BARREL															
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				22. Data Transcribed							
23. SUBMITTED BY		24. RECEIVED BY		25. WORK STARTED BY		26. INSPECTED BY		27. ACCEPTED BY		28. DISPOSITION (Select One)					
										☐ A To User ☐ D Evacuated ☐ B To Stock ☐ E Cannibalization ☐ C Salvaged					
JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE							
7085															

DA FORM 2407, AUG 88

EDITION OF MAY 81 MAY BE USED

CONTROL COPY 3

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

M2400051155

KINZER V. REMINGTON

21 DAY TURN - AROUND

*New
Barrel*

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO.

C6225344

LOG IN DATE: / /		DATE	INT.
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	<i>5-27-97</i>	<i>AP</i>
605	CHECK HEADSPACE	<i>5-27-97</i>	<i>AP</i>
610	DIS-ASSEMBLE		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY	<i>7-14-97</i>	<i>Ru</i>
B	TRIGGER PULL TEST		
C	SAFETY ON FORCE		
D	SAFETY OFF FORCE		
E	FIRING PIN INDENT		
640	TARGET	<i>7-18-97</i>	<i>JW</i>
655	FINAL INSPECT		
660	PACK		

QAR INSPECTION

SHIP DATE

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6225544
18 Jul 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.4836
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1044
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .494741

THE AMR FOR THIS RIFLE IS: 1.202

CENTROIDAL DISTANCES

Ø TO	1	.896576
1 TO	2	.605053
1 TO	3	.603755
1 TO	4	.869934
1 TO	5	.983787

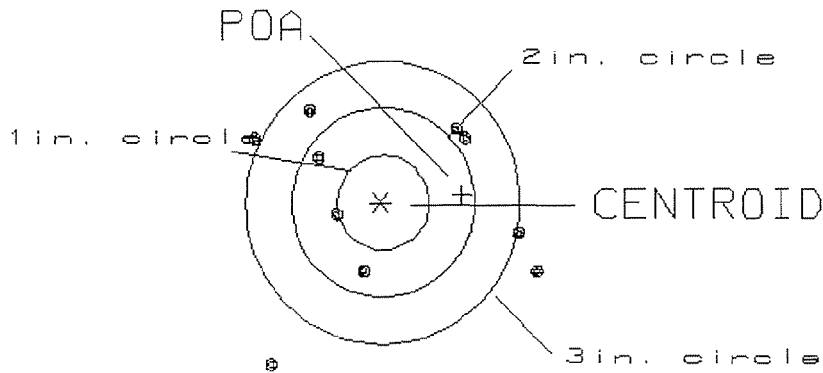
2 3 5
1 + <----POA
4

PATTERN #: 1
 POA TO CENTROID: .897
 MIN RADIUS : .540
 MEAN RADIUS : 1.258
 MAX RADIUS : 2.077
 CENTROID X : -.893
 CENTROID Y : -.080

18 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225544.1

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

H3= 3.08

0

US= 2.67

3

GS= 3.39

6

REMINGTON TEST LAB, ILION, N.Y.

POA TO CENTROID:	1.139
MIN RADIUS :	.687
MEAN RADIUS :	1.265
MAX RADIUS :	2.195
CENTROID X :	-1.018
CENTROID Y :	.512



PATTERN #: 3

POA TO CENTROID: .542

MIN RADIUS : .789

MEAN RADIUS : 1.528

MAX RADIUS : 2.133

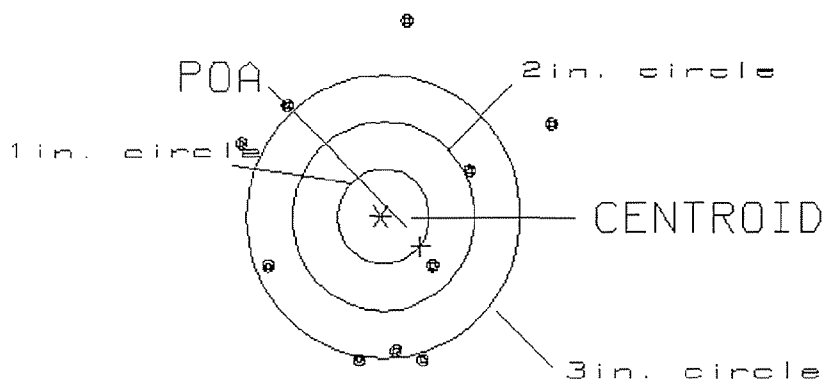
CENTROID X : -.439

CENTROID Y : .318

18 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225544.1

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.43

0

VS= 3.62

1

GS= 3.65

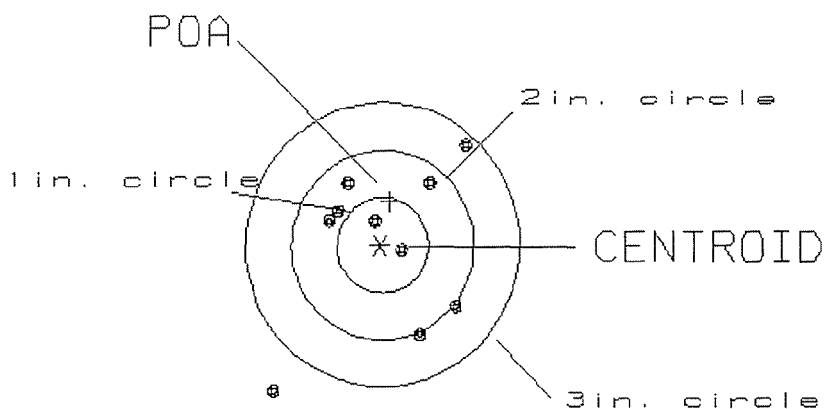
4

PATTERN #: 4
 POA TO CENTROID: .470
 MIN RADIUS : .170
 MEAN RADIUS : .862
 MAX RADIUS : 1.965
 CENTROID X : -.109
 CENTROID Y : -.457

18 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225544.1

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.03

2

VS= 2.67

6

GS= 3.35

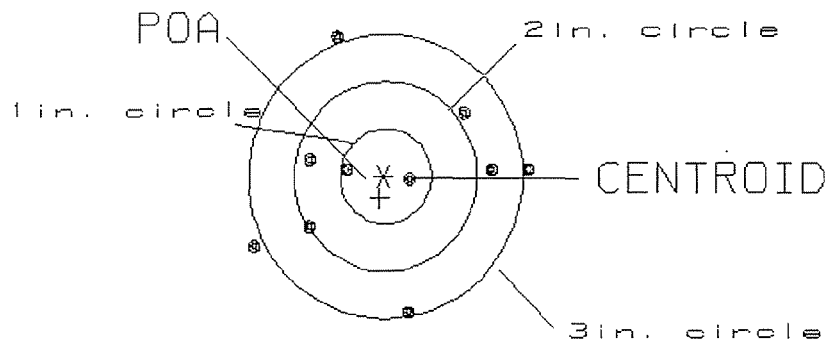
9

PATTERN #: 5
 POA TO CENTROID: .232
 MIN RADIUS : .304
 MEAN RADIUS : 1.097
 MAX RADIUS : 1.612
 CENTROID X : .041
 CENTROID Y : .229

18 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225544.1

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.98

2

VS= 2.90

4

GS= 3.08

7

Final Inspection

Sn: C6225544

DATE REC'D: 5-22-97

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: