

C6225215

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Smead[®]

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

MODEL 700™ H24

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

SERIAL NO.
C6225215

ORDER NO.
5716

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

Ø1



5716 C6225215

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225215

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	6 12 89		RW
600	Proof	6 12 89		RW
607	Check Headspace	6 12 89		RW
610	Dis-assemble Gun	6 12 89		RW
612	Magnaflux Barrel Action		6/21/89	KCR
	Magnaflux Bolt		6/21/89	KCR
615	Rollmark Caliber		6/21/89	D.S.
617	Drill and Tap Sight Holes	6 26 89		L.B.
618	Polish Barrel	6 26 89		BT.
620	Apply Coatings (Barrel Action)		7-12-89	TA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		7/14/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/14/89	RW
	C) Inspect Ejector Hole for Chamfer		7/14/89	RW
	D) Oil Firing Pin Ass'y		7/14/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		17 July 89	JS

op. #	BARBER - M24 0010757 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			17 July 89	JS
	G) Safety Off Force	3	3	3			17 July 89	JS
	H) Trigger Pull Test & Retainability						17 July 89	JS
	I) Firing Pin Indent	.020	.0205	.020			17 July 89	JS
	J) Assemble Stock						7/18/89	RW
	K) Assemble Swivel Studs						25 July 89	JS
	L) Attach Front and Rear Sight Assemblies						7/18/89	RW
	M) Iron Sight Alignment						7/18/89	RW
	N) Detach Front & Rear Sights & place in numbered container						7/18/89	RW
	O) Attach Scope to Rifle						7/19/89	JS
	P) Detach & Attach Scope 20 Times						7/20/89	JS
640	Gallery Target & Test	83R	69L				7-24-89	DA
	A) Time						7-24-89	DA
	B) Malfunctions						7-24-89	DA
	C) Pierced Primers						7-24-89	DA
	D) Optical Clarity of Scope						7-24-89	DA
645	Inspect for Live Ammo						7-24-89	DA
655	Final Inspection							
	A) Headspace						25 July 89	JS
	B) Trigger Pull	2.76	2.59	2.46	2.48	2.43	25 July 89	JS
	C) Function						25 July 89	JS
660	Pack						20 Aug 89	JS

SWS TRIGGER PULL TEST

BARBER - M24 0010758

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

SERIAL NO. C6225215DATE 11/1/90TESTER WOB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.47	2.42		2.50	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.42	2.53		2.43	
PULL #3	2.39	2.49		2.47	
PULL #4	2.52	2.46		2.51	
PULL #5	2.41	2.47		2.56	
TOTAL	12.21	12.37		12.47	
AVG.	2.44	2.47		2.49	

	3.00# INITIAL	3.00# AFTER 20 CYCLES			COMMENTS
PULL #1	3.11	3.29			
PULL #2	3.19	3.24			
PULL #3	3.14	3.17			
PULL #4	3.20	3.18			
PULL #5	3.23	3.23			
TOTAL	15.87	16.11			
AVG.	3.17	3.22			

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.21	4.25		
PULL #2	4.19	4.27		
PULL #3	4.18	4.33		
PULL #4	4.23	4.32		
PULL #5	4.23	4.28		
TOTAL	21.04	21.45		
AVG.	4.21	4.29		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225215
24 Jul 1989

CENTROIDAL DISTANCES

0 TO	1	.307026
1 TO	2	.125936
1 TO	3	.440927
1 TO	4	.927235
1 TO	5	1.06886

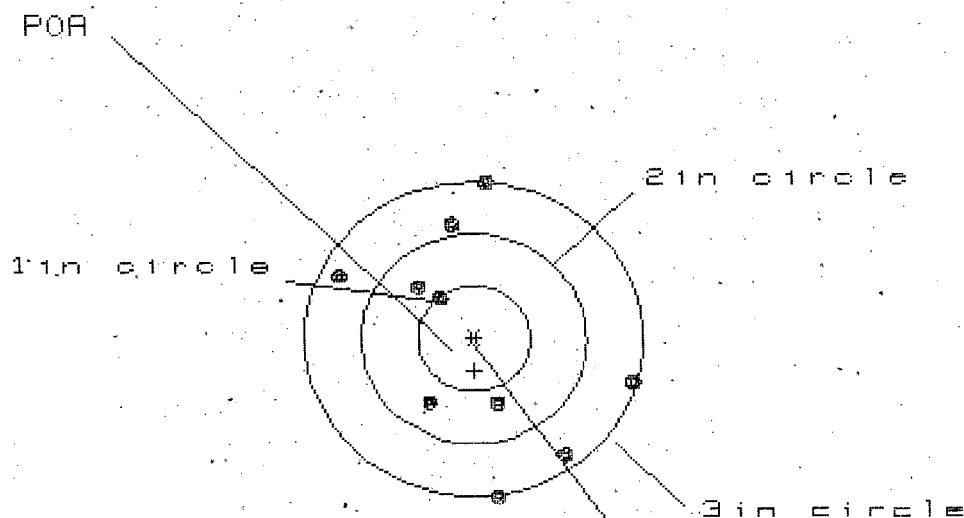
4 31
5 21 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.4254
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .054
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .428814
THE AMR FOR THIS RIFLE IS: 1.036

24 Jul 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225215

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 4

3 in = 8

HS= 2.581

VS= 3.011

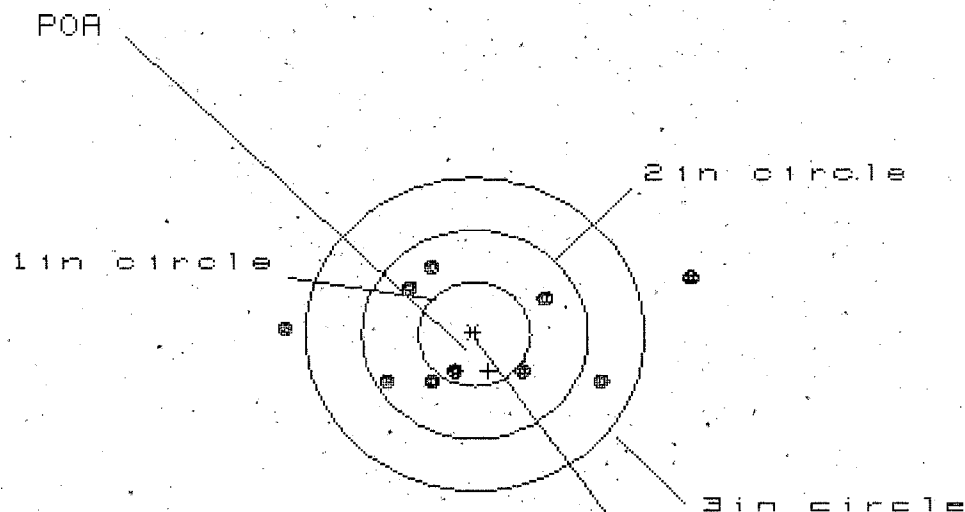
GS= 3.013

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.410	1.428	1.437
MINIMUM X	-1.171	-1.153	-1.144
MAXIMUM Y	1.503	1.335	1.129
MINIMUM Y	-1.508	-1.272	-1.105
CENTROID X	-.004	-.022	-.031
CENTROID Y	.307	.475	.308
POA TO CENTROID in.	.307	.475	.309
MIN RADIUS	.501	.366	.484
MEAN RADIUS	1.085	1.018	.975
MAX RADIUS	1.517	1.526	1.484
HORIZONTAL SPREAD	2.581	2.581	2.581
VERTICAL SPREAD	3.011	2.607	2.234
EXTREME SPREAD	3.013	2.753	2.753
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

24 Jul 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225215

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 7

3 in = 8

HS = 3.641

VS = 1.143

GS = 3.665

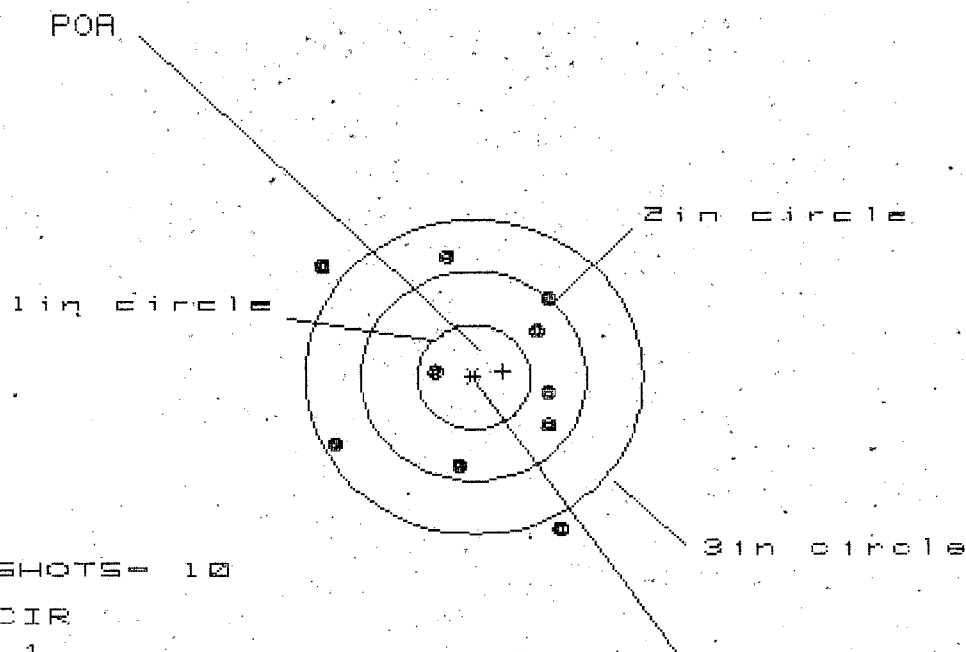
CENTROID #

PATTERN #	2	2	2
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.939	1.326	1.140
MINIMUM X	-1.702	-1.487	-.777
MAXIMUM Y	.660	.717	.736
MINIMUM Y	-.483	-.426	-.407
CENTROID X	-.122	-.337	-.151
CENTROID Y	.351	.294	.275
POA TO CENTROID in.	.371	.447	.314
MIN RADIUS	.426	.344	.345
MEAN RADIUS	.959	.816	.724
MAX RADIUS	2.006	1.494	1.190
HORIZONTAL SPREAD	3.641	2.813	1.917
VERTICAL SPREAD	1.143	1.143	1.143
EXTREME SPREAD	3.665	2.859	1.917
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	8		

24 Jul 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225215

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS= 2.115

VS= 2.626

GS= 3.234

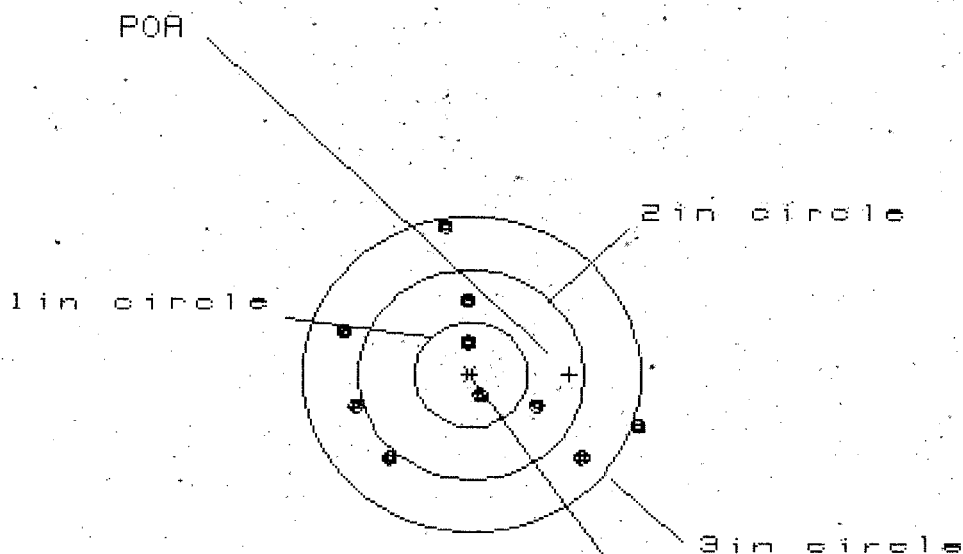
CENTROID *

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	.755
MINIMUM X	-1.360
MAXIMUM Y	1.199
MINIMUM Y	-1.427
CENTROID X	-.260
CENTROID Y	-.052
POA TO CENTROID in.	.265
MIN RADIUS	.311
MEAN RADIUS	1.043
MAX RADIUS	1.700
HORIZONTAL SPREAD	2.115
VERTICAL SPREAD	2.626
EXTREME SPREAD	3.234
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	8

24 Jul 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225215

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 4

3 in = 9

HS= 2.606

VS= 2.191

GS= 2.748

CENTROID *

PATTERN #

4

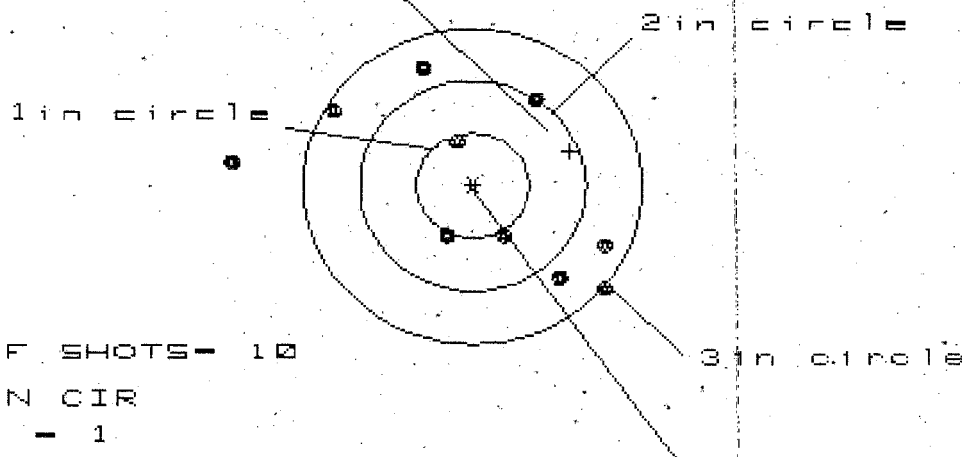
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.490	1.178	1.168
MINIMUM X	-1.116	-.951	-.961
MAXIMUM Y	1.423	1.371	.796
MINIMUM Y	-.768	-.820	-.648
CENTROID X	-.875	-1.040	-1.030
CENTROID Y	-.011	.041	-.131
POA TO CENTROID in.	.875	1.041	1.039
MIN RADIUS	.217	.296	.225
MEAN RADIUS	.947	.872	.803
MAX RADIUS	1.561	1.419	1.323
HORIZONTAL SPREAD	2.606	2.129	2.129
VERTICAL SPREAD	2.191	2.191	1.444
EXTREME SPREAD	2.748	2.501	2.418
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		9	

24 Jul 1989

FILE: PATTERNING/CENTERFIRE_PATT/06225215

CENTERFIRE PATTERNS # 5

POA



OF SHOTS - 10

IN CIR

1 in - 1

2 in - 4

3 in - 8

HS - 3.330

VS - 2.124

GS - 3.529

CENTROID *

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.202
MINIMUM X	-2.128
MAXIMUM Y	1.174
MINIMUM Y	-0.950
CENTROID X	-0.866
CENTROID Y	-0.325
POA TO CENTROID in.	0.925
MIN RADIUS	0.480
MEAN RADIUS	1.146
MAX RADIUS	2.141
HORIZONTAL SPREAD	3.330
VERTICAL SPREAD	2.124
EXTREME SPREAD	3.529
NUMBER IN ONE INCH CIRCLE	1
NUMBER IN TWO INCH CIRCLE	4
NUMBER IN THREE INCH CIRCLE	8

RECEIVING AND ESTIMATING REPORT

COMMENTS

M-24 SNIPER W/LEUFOLD 10X SCOPE

INITIAL	CUSTOMER ORDER NO.				
JJM					
DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	MODEL AND GRADE	ORDER
10/29/90	10/29/90		C6225215	700 7.62 NNATO	R 90-28394
ACCESSORIES	HARD CASE				

FROM:

SHIP TO:

CDR
1ST SF BN 10TH SFG (A)
ATTN ASOF-SFC-F-PBO
APO NY 09050

CDR
1ST SF BN 10TH SFG (A)
ATTN ASOF-SFG-F-PBO
APO

NY
09050

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	CLEAN/TEST	PROM. DATE	ESTIMATED	VIA UPS
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REPAIR CHARGE	TAX	INSURANCE	UPS	PARCEL POST	TOTAL
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GUN CONDITION:

NEW

☐ SLIGHTLY WORN☐ VERY WORN

☐ MISUSED

☐ MARRED

CUSTOMER'S REQUEST

Repared per / movement movement was letter 90-6

MAIN FAULT

June 14/19

PARTS						
	REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
	GALLERY TESTER	DATE	DATE	DATE	DATE	DATE

RD6925 REV. 7/90

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 **M2400010804**

MAINTENANCE REQUEST										PAGE NO.	NO. OF PAGES	REQUIREMENT CONTROL SYMBOL	CONTROL NUMBER
SECTION I - CUSTOMER DATA										SECTION II - MAINTENANCE ACTIVITY DATA			
1a. UIC CUSTOMER		1b. CUSTOMER UNIT NAME		1c. PHONE NO.		3a. WORK ORDER NUMBER (WON)		3b. SHOP		3c. PHONE NO.			
2a. IF INTRANSIT CUSTOMER, ENTER DATA IN BLOCKS 2b. AND 2c.		2b. SAMS-2 UIC		2c. UTILIZATION CODE		4a. UIC SUPPORT		4b. SUPPORT UNIT NAME					
SECTION III - EQUIPMENT DATA													
5. TYPE (MNT REQ CODE)		6. ID 7. NSN		15. FAILURE DETECTED DURING (Select one - use ✓ or X)									
8. MODEL		9. NOUN		10a. ORG WON		10b. EIC		11. SERIAL NUMBER		12. QTY		13. PD	
14. MALFUNCTION DESCRIPTION (for DSU/GSU use)		24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs)		24a. REMARKS		15a. MILES/KILOMETERS (enter ✓ or X)		15b. HOURS		15c. ROUNDS		16d. LANDINGS	
						16e. AUTO-ROTATIONS		17. PROJECT CODE (if assigned)		18. ACCOUNT PROCESSING CODE		19. IN WARRANTY? (enter Y or N)	
						20. LEVEL OF WORK (Select one - use ✓ or X)		21. BUMPER NO./TAIL NO.		22. REIMBURSABLE CUSTOMER? (if Intransit Customer, enter Y or N)		23. PD AUTHENTICATING SIGNATURE (Payroll Signature)	
						24. UIC SUPPORT		24b. SUPPORT UNIT NAME		24c. UTILIZATION CODE		24d. UIC SUPPORT	
SECTION IV - REPORTABLE DATA													
25a. FILE INPUT ACT CD		25b. TASK NO.		25c. ACT RPT		25d. TASK DESCRIPTION		25e. QTY TO BE RPR		25f. WORK CENTER		25g. FAILURE CODE	
25h. ORD DATE		25i. MIL TIME		25j. STA		25k. ORD DATE		25l. MIL TIME		25m. STA		25n. TECHNICAL REFERENCES	
SECTION V - TASK REQUIREMENTS DATA													
26a. FILE INPUT ACT CD		26b. TASK NO.		26c. ACT RPT		26d. TASK DESCRIPTION		26e. QTY TO BE RPR		26f. WORK CENTER		26g. FAILURE CODE	
26h. ORD DATE		26i. MIL TIME		26j. STA		26k. ORD DATE		26l. MIL TIME		26m. STA		26n. TECHNICAL REFERENCES	
SECTION VI - PART REQUIREMENTS													
27a. FILE INPUT ACT CD		27b. TASK NO.		27c. ACT RPT		27d. TASK DESCRIPTION		27e. QTY TO BE RPR		27f. WORK CENTER		27g. FAILURE CODE	
27h. ORD DATE		27i. MIL TIME		27j. STA		27k. ORD DATE		27l. MIL TIME		27m. STA		27n. TECHNICAL REFERENCES	
SECTION VII - COMPLETION DATA													
28a. QTY RPR		28b. QTY CONDEMN		28c. QTY NETS		28d. EVAC WON		28e. EVAC UNIT NAME					
SECTION VIII - ACTION SIGNATURES													
29a. SUBMITTED BY		29b. ACCEPTED BY		29c. WORK STARTED BY		29d. INSPECTED BY		29e. PICKED UP BY					
30a. ORD DATE		30b. ORD DATE		30c. MIL TIME		30d. ORD DATE		30e. MIL TIME		30f. ORD DATE		30g. MIL TIME	
30h. STA		30i. STA		30j. STA		30k. STA		30l. STA		30m. STA		30n. STA	

BBL - 96003

Arms Services Repair & Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: **RE00009414** Serial: C6225215 Model 700 Center Fire Caliber: 7.62 NATO M-24 (SWS) Repairman: Status: New 5/18/00 9:27:11 AM

Verify Repair

Address Information

Customer: Received From Return To: Received From

Name: DEF DIST DEPOT ANNISTON DEF DIST DEPOT ANNISTON

Address 1: Address 2: PO Box: PO Box:

City: ANNISTON ANNISTON

State: AL Zip Code: 362014199 Country: US State: AL Zip Code: 362014199 Country: US

FFL:

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: Fax: Email: Comments:

Received Condition

Poor

Condition Notes: CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	2
A008	With Swivel	2
A010	Hard Case	1
A017	Scope Base	1

Repair Search Refresh Close

nagletj 5/18/00 12:17 PM CAPS NUM INS SCRL

Start Inb... Micr... SA... Nag... Audit R&... Ar... Prin... Re... 12:17 PM

Serial Number: **C6225215**Model: **700****RE00009414**

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

R & E NUMBER			
SERIAL NUMBER <i>C6225215</i>			
LOG-IN DATE <i>5-11-00</i>			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	<i>5-15-00</i>	<i>RW</i>
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	<i>5-22-00</i>	<i>RW</i>
605	CHECK HEADSPACE	<i>5-22-00</i>	<i>RW</i>
610	DIS-ASSEMBLE GUN		
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	<i>7-17-00</i>	<i>RW</i>
655	FINAL INSPECT	<i>7-25-00</i>	<i>RW</i>
660	PACK		
		SHIP DATE	
QAR INSPECTION DATE			

Final Inspection

S.N.:	DATE REC'D:	DATE RET'D:
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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:

BARBER - M24 0010770

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225215
22 Jul 80

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2562
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1394
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .291669

THE AM FOR THIS RIFLE IS: .985

CENTROIDAL DISTANCES

0	TO	1	1.96671
1	TO	2	2.24229
1	TO	3	2.13866
1	TO	4	2.19385
1	TO	5	1.98801

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

BARBER - M24 0010771

REMINGTON CENTERFIRE ACCURACY TEST

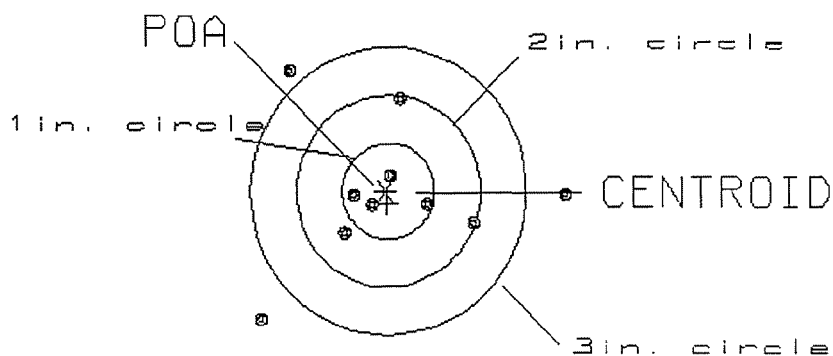
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 1 ☐
 POA TO CENTROID: .138
 MIN RADIUS : .205
 MEAN RADIUS : .925
 MAX RADIUS : 1.962
 CENTROID X : -.023
 CENTROID Y : .136

21 Jul 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225215

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.32

4

VS= 2.52

7

GS= 3.56

7

BARBER - M24 0010772

REMINGTON CENTERFIRE ACCURACY TEST

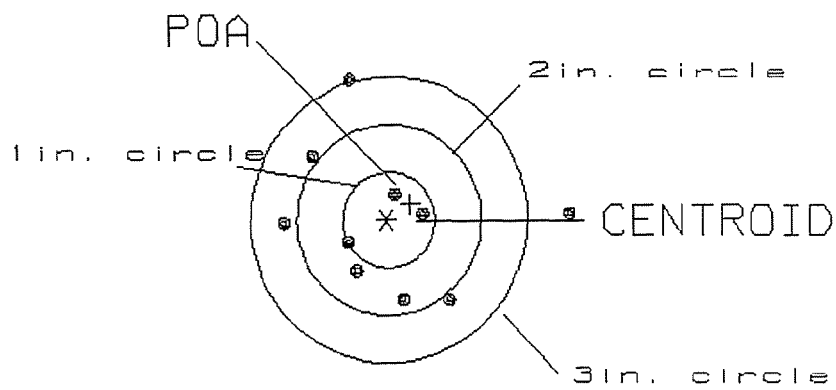
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 2 ☐

POA TO CENTROID: .308
MIN RADIUS : .300
MEAN RADIUS : .936
MAX RADIUS : 1.969
CENTROID X : -.260
CENTROID Y : -.165

21 Jul 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225215

CENTERFIRE PATTERN # 2

OF SHOTS= 10

IN CIRCLE

HS= 3.06

2

VS= 2.31

5

GS= 3.06

8

BARBER - M24 0010773

REMINGTON CENTERFIRE ACCURACY TEST

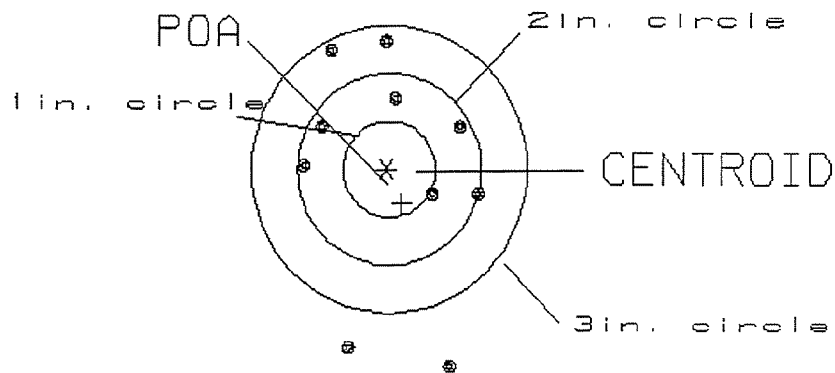
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 3 ☐

POA TO CENTROID: .395
MIN RADIUS : .502
MEAN RADIUS : 1.190
MAX RADIUS : 2.168
CENTROID X : -.165
CENTROID Y : .359

21 Jul 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225215

CENTERFIRE PATTERN # 3

OF SHOTS= 10

IN CIRCLE

HS= 1.95

0

VS= 3.44

6

GS= 3.59

8

BARBER - M24 0010774

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 4 ☐

POA TO CENTROID: .323

MIN RADIUS : .269

MEAN RADIUS : .930

MAX RADIUS : 2.542

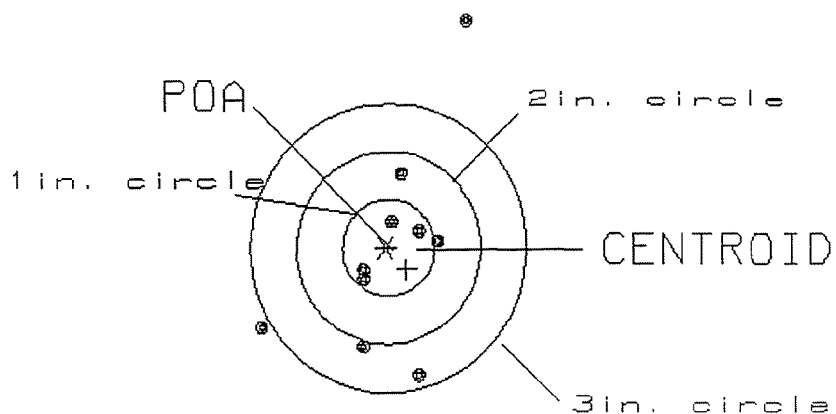
CENTROID X : -.230

CENTROID Y : .226

21 Jul 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225215

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.27

4

VS= 3.70

6

GS= 3.91

8

BARBER - M24 0010775

REMINGTON CENTERFIRE ACCURACY TEST

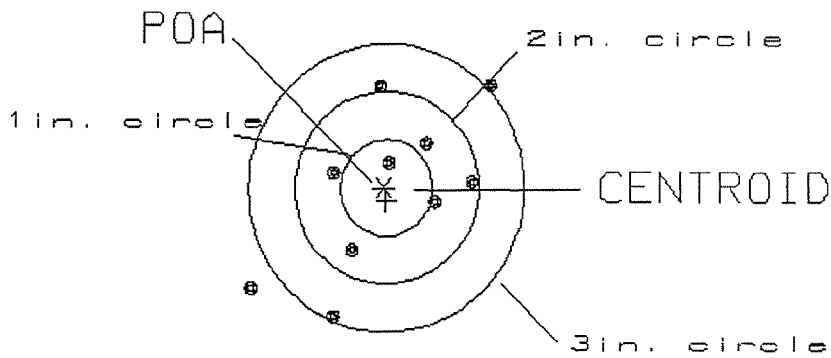
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 5 ☐
 POA TO CENTROID: .143
 MIN RADIUS : .264
 MEAN RADIUS : .944
 MAX RADIUS : 1.754
 CENTROID X : -.026
 CENTROID Y : .141

21 Jul 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225215

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.52

1

VS= 2.39

6

GS= 3.28

8