

C6225368

MODEL 700™ M24

Model 700 M24™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington®

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # *C6225368*

OPERATION		DATE	INT
#	NAME		
575- 580	ASSEMBLY	1/22	FB
600	PROOF	<i>1/28/88</i>	<i>RW</i>
615	MAGNAFLUX BARREL	<i>2/18/88</i>	<i>P/C</i>
	MAGNAFLUX BOLT	<i>2/25/88</i>	<i>P/C</i>
620	COATING	<i>2/21/88</i>	<i>TJA</i>
625- 630	FINAL ASSEMBLY		
635	TEST		
640	TARGET		
	FIRING PIN INDENT		
660	PACK		

M-24

SCOPE #
1702

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225368

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and stock			
600	Proof			
607	Check Headspace			
610	Dis-assemble gun			
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill & Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coatings (Bolt)			
123	Final Assembly A) Clean inside of Bolt Assembly		9/8/88	AW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/8/88	AW
	C) Inspect Ejector Hole for Chamfer		9/8/88	AW

OVER

OP.#		READINGS	DATE	INITIAL
625 cont.	D) Oil Firing Pin Ass'y		9/8/88	RW
	E) Adjust Trigger Pull to Min. Setting and Stake		8 Sept 88	JU + H.S.
	F) Safety on Force	7.5 7.5 7	8 Sept 88	JU + H.S.
	G) Safety off Force	4 2.25 3	8 Sept 88	JU + H.S.
	H) Trigger Pull Test & Retainability		8 Sept 88	JU + H.S.
	I) Firing Pin Indent	.022 .0215 .0215	8 Sept 88	JU + H.S.
	J) Assemble Stock		9/14/88	RW
	K) Assemble Swivel Studs		10-13-88	JH
	L) Attach Front & Rear Sight Assemblies		9/16/88	RW
	M) Iron Sight Alignment		9/16/88	RW
	N) Detach Front & Rear Sights & place in numbered container		9/16/88	RW
	O) Attach Scope to Rifle		10/5/88	RW
	P) Detach & Attach Scope 20 times		10-5-88	JH
640	Gallery Target & Test	67 R 88L	10-12-88	AC
	A) Optical Clarity of Scope		10-12-88	DH
645	Inspect for Live Ammo		10-12-88	DH
655	Final Inspection			
	A) Headspace		10-13-88	JH
	B) Trigger Pull		10-14-88	JH
	C) Function		10-13-88	JH
660	Pack		15 Dec 88	JH

SWS TRIGGER PULL TEST

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

SERIAL NO. C6225368
DATE 8 Dec 88
TESTER J. H. J. S.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.57	2.37	2.62	2.34	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.49	2.39	2.61	2.43	
PULL #3	2.61	2.37	2.42	2.32	
PULL #4	2.59	2.38	2.62	2.34	
PULL #5	2.53	2.32	2.65	2.44	
TOTAL	12.79	11.83	12.92	11.87	
AVG.	2.558	2.366	2.584	2.374	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.14	3.19		
PULL #2	3.22	3.20		
PULL #3	3.27	3.26		
PULL #4	3.27	3.27		
PULL #5	3.27	3.18		
TOTAL	16.17	16.10		
AVG.	3.234	3.22		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.25	4.33		4.04
PULL #2	4.38	4.27		3.96
PULL #3	4.36	4.36		4.11
PULL #4	4.27	4.36		4.10
PULL #5	4.42	4.42		4.11
TOTAL	21.68	21.74		20.38
AVG.	4.336	4.348		4.076

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225368

CENTROIDAL DISTANCES

0	TO	1	.112361
1	TO	2	.168345
1	TO	3	.487562
1	TO	4	.390708
1	TO	5	.235255

$\frac{4}{52} \pm$ (----POA

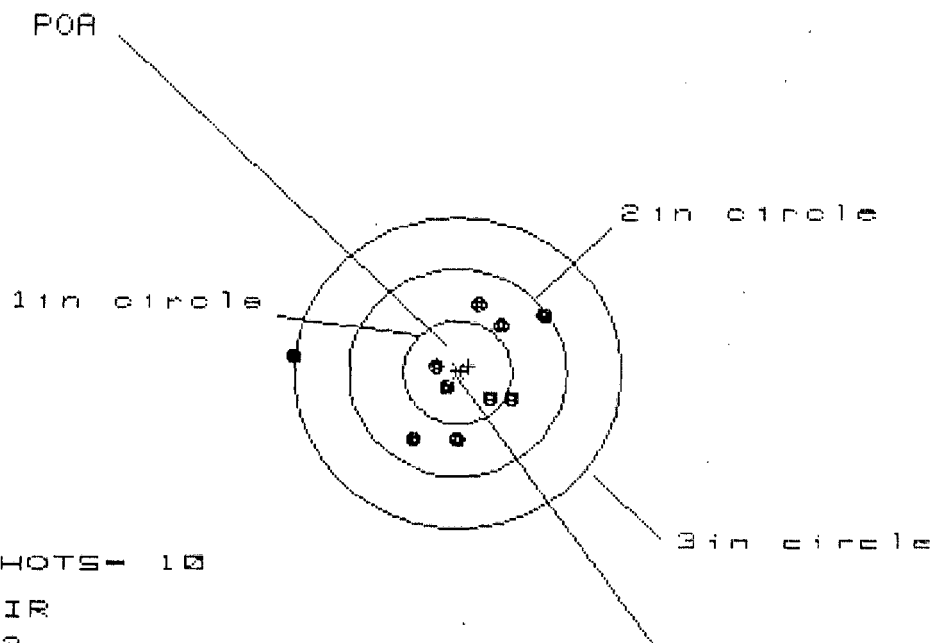
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2332
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1632
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .284634

THE AMR FOR THIS RIFLE IS: .8098

12 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225368

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 3

2in = 9

3in = 10

IS= 2.260

VS= 1.337

GS= 2.286

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.783	.619	.439
MINIMUM X	-1.476	-.539	-.461
MAXIMUM Y	.670	.690	.765
MINIMUM Y	-.666	-.647	-.572
CENTROID X	-.095	.070	-.008
CENTROID Y	-.060	-.079	-.154
POA TO CENTROID in.	.112	.105	.154
MIN RADIUS	.179	.238	.191
MEAN RADIUS	.646	.540	.486
MAX RADIUS	1.487	.862	.771
HORIZONTAL SPREAD	2.260	1.158	.900
VERTICAL SPREAD	1.337	1.337	1.337
EXTREME SPREAD	2.296	1.701	1.448
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	9		
NUMBER IN THREE INCH CIRCLE =	10		

12 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225368

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS-- 10

IN CIR

1in = 5

2in = 9

3in = 10

HS= .725

VS= 2.135

GS= 2.194

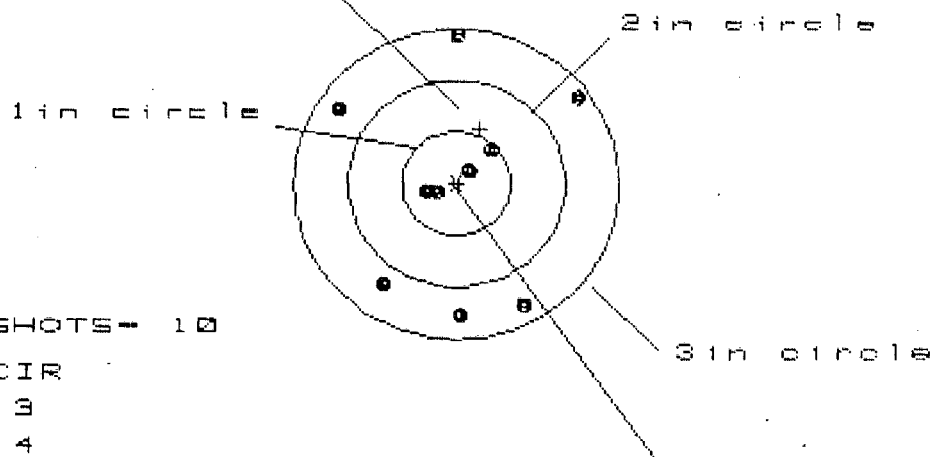
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.464	.498	.471
MINIMUM X	:	-.261	-.227	-.254
MAXIMUM Y	:	.755	.682	.676
MINIMUM Y	:	-1.380	-.675	-.601
CENTROID X	:	-.133	-.167	-.140
CENTROID Y	:	-.224	-.071	-.145
POA TO CENTROID in.	:	.261	.182	.201
MIN RADIUS	:	.135	.085	.090
MEAN RADIUS	:	.542	.435	.403
MAX RADIUS	:	1.414	.678	.682
HORIZONTAL SPREAD	:	.725	.725	.725
VERTICAL SPREAD	:	2.135	1.277	1.277
EXTREME SPREAD	:	2.194	1.277	1.277
NUMBER IN ONE INCH CIRCLE =			5	
NUMBER IN TWO INCH CIRCLE =			9	
NUMBER IN THREE INCH CIRCLE =			10	

12 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225368

CENTERFIRE PATTERNS # 3

POA



OF SHOTS- 10

IN CIR

1in = 3

2in = 4

3in = 10

HS= 2.212

VS= 2.684

GS= 2.684

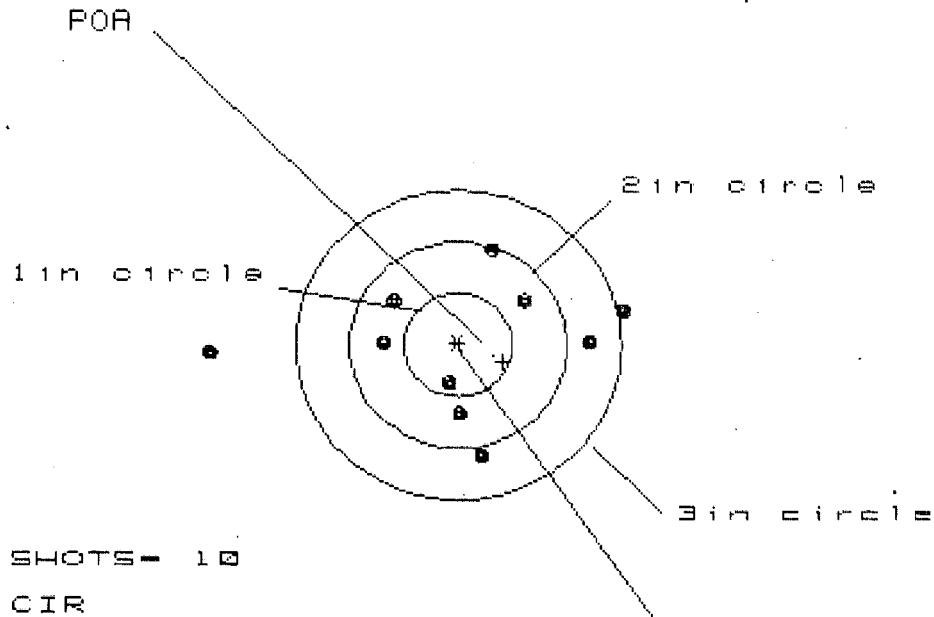
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.154	1.156	.735
MINIMUM X	:	-1.058	-1.056	-.911
MAXIMUM Y	:	1.427	.941	1.041
MINIMUM Y	:	-1.257	-1.099	-.981
CENTROID X	:	-.221	-.223	-.368
CENTROID Y	:	-.531	-.689	-.807
POA TO CENTROID in.	:	.575	.725	.887
MIN RADIUS	:	.150	.175	.172
MEAN RADIUS	:	.902	.848	.767
MAX RADIUS	:	1.427	1.491	1.383
HORIZONTAL SPREAD	:	2.212	2.212	1.646
VERTICAL SPREAD	:	2.684	2.040	2.022
EXTREME SPREAD	:	2.684	2.535	2.515
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			4	
NUMBER IN THREE INCH CIRCLE =			10	

12 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225368

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 3.838

VS= 2.022

GS= 3.861

CENTROID *

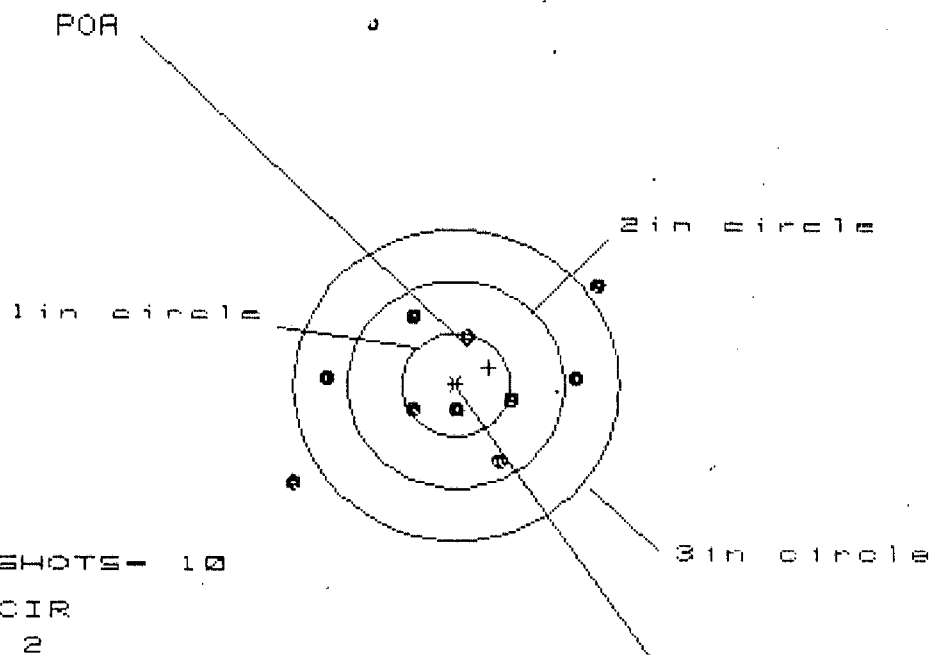
PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.536	1.280	1.089
MINIMUM X	-2.302	-.982	-.822
MAXIMUM Y	.958	.949	.990
MINIMUM Y	-1.064	-1.073	-1.032
CENTROID X	-.413	-.157	-.317
CENTROID Y	.167	.176	.135
POR TO CENTROID in.	.445	.236	.345
MIN RADIUS	.412	.493	.423
MEAN RADIUS	1.037	.886	.811
MAX RADIUS	2.304	1.321	1.094
HORIZONTAL SPREAD	3.838	2.262	1.911
VERTICAL SPREAD	2.022	2.022	2.022
EXTREME SPREAD	3.861	2.283	2.024
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

12 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225368

CENTERFIRE PATTERNS

5



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

HS= 2.850

VS= 1.939

GS= 3.447

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.313
MINIMUM X	-1.537
MAXIMUM Y	.998
MINIMUM Y	-.941
CENTROID X	-.304
CENTROID Y	-.168
POA TO CENTROID in.	.347
MIN RADIUS	.240
MEAN RADIUS	.922
MAX RADIUS	1.802
HORIZONTAL SPREAD	2.850
VERTICAL SPREAD	1.939
EXTREME SPREAD	3.447
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	6
NUMBER IN THREE INCH CIRCLE =	8

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6225368
27 Oct 1998

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1754
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0416
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .180266

THE AMR FOR THIS RIFLE IS: 1.22

CENTROIDAL DISTANCES

Ø TO	1	.177496
1 TO	2	.554484
1 TO	3	.140161
1 TO	4	.303185
1 TO	5	.402001

5
4
3, ←---POA

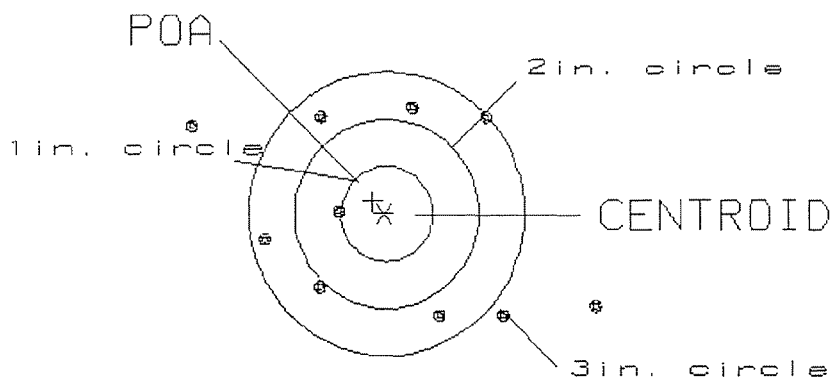
PATTERN #: ☐ 1 ☐

POA TO CENTROID: .177
 MIN RADIUS : .513
 MEAN RADIUS : 1.454
 MAX RADIUS : ~~2.509~~
 CENTROID X : .124
 CENTROID Y : -.127

27 Oct 1998

FILE:/Hqbasic/Accuracy/Patterning/Centerfire_Patt/C6225368

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 4.41

0

VS= 2.21

1

GS= 4.81

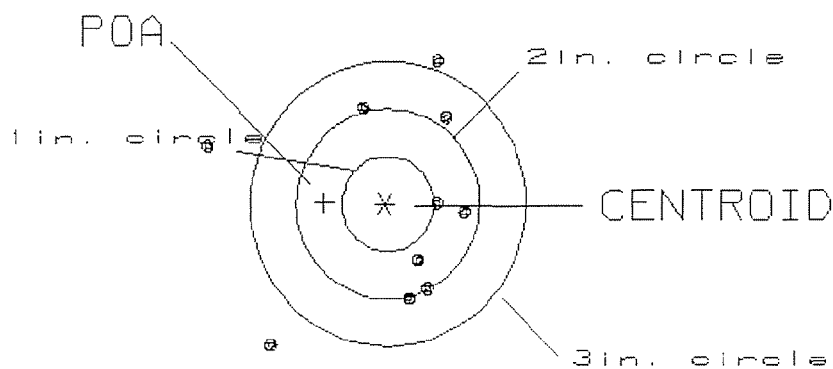
7

PATTERN #: C 2 C
 POA TO CENTROID: .666
 MIN RADIUS : .579
 MEAN RADIUS : 1.198
 MAX RADIUS : 2.062
 CENTROID X : .666
 CENTROID Y : -.010

27 Oct 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225368

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.84

0

VS= 3.03

4

GS= 3.54

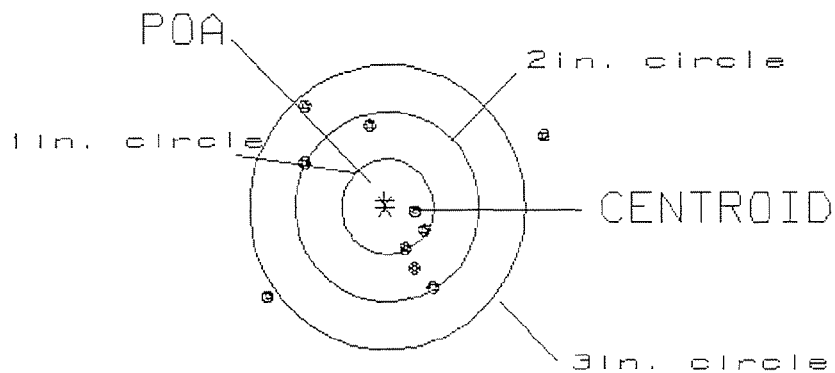
7

PATTERN #: 3
 POA TO CENTROID: .058
 MIN RADIUS : .313
 MEAN RADIUS : .972
 MAX RADIUS : 1.803
 CENTROID X : .002
 CENTROID Y : -.058

27 Oct 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225368

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.98

2

VS= 2.05

6

GS= 3.41

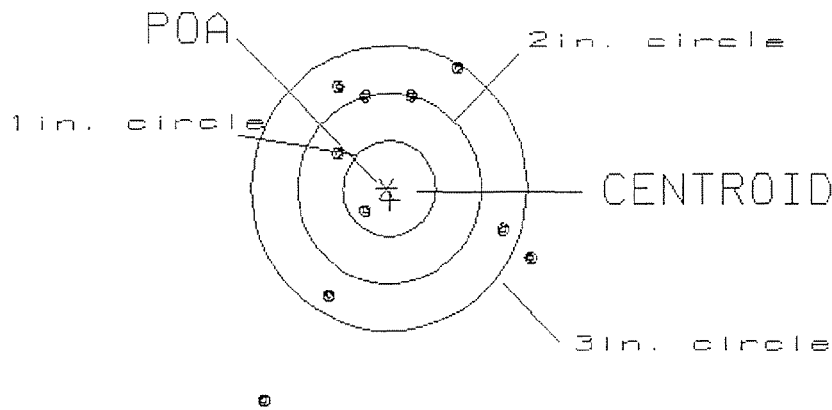
8

PATTERN #: ☐ 4 ☐
 POA TO CENTROID: .134
 MIN RADIUS : .374
 MEAN RADIUS : 1.266
 MAX RADIUS : 2.653
 CENTROID X : -.040
 CENTROID Y : .128

27 Oct 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/CG225368

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.97

1

VS= 3.55

3

GS= 4.14

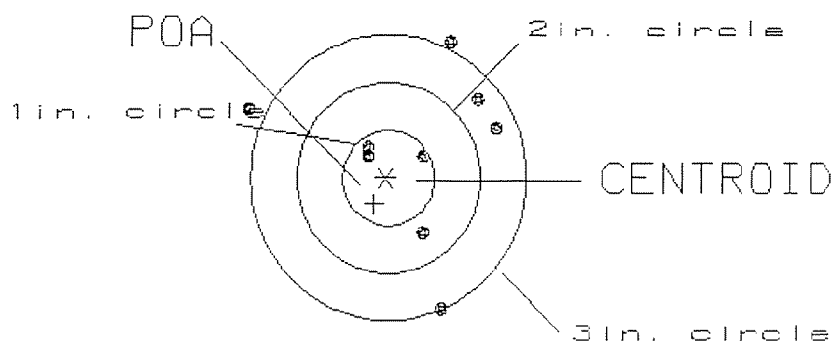
6

PATTERN #: ☐ 5 ☐
 POA TO CENTROID: .302
 MIN RADIUS : .267
 MEAN RADIUS : 1.209
 MAX RADIUS : 3.050
 CENTROID X : .125
 CENTROID Y : .275

27 Oct 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225368

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.19

3

VS= 3.63

4

GS= 4.52

7

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R 98-18180

INITIAL CUSTOMER ORDER NO.

W/BI-POD

JJM

Scope # 1202

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

09/09/98

09/09/98

C6225368

700

7.62

NATO

ACCESSORIES

HARD CASE

SCOPE BASE

FROM:

SHIP TO:

CDR 1/75TH RGR REGT BLDG 1036

ATTN PBO CW3 HUMES

43 LIBERATOR RD SUITE 102

HUNTER AAF

GA 31409

CDR 1/75TH RGR REGT BLDG 1036

ATTN PBO CW3 HUMES

43 LIBERATOR RD SUITE 102

HUNTER AAF

GA

31409

CUST NO:119494 C.O.D.

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

V/A

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

REC. ASSY.

B5

D1

D2

WOOD

C1

D3

METAL

C2

MAIN FAULT

PARTS

COMMENTS

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

PD5925 REV. 7/97

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400013853

DA FORM 2404
1 APR 79

Replaces edition of 1 Jan 64, which will be used

RETURN ADDRESS
ATTN PBO (CW3 HUMES)
CDR 1/75TH RGR REGT (BLDG 1036)
43 LIBERATOR RD STE 102
HUNTER AAF GA 31409-4314
OFFICIAL BUSINESS
512-0

TM ITEM NO. <i>a</i>	STATUS <i>b</i>	DEFICIENCIES AND SHORTCOMINGS <i>c</i>	CORRECTIVE ACTION <i>d</i>	INITIAL WHEN CORRECTED <i>e</i>
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DON'T SAY IT - WRITE IT

To: _____

Date: _____

From: _____

C6225368 - w/ scope, Base, Bipod, Hard Case
C6225114 - w/ scope, Base, Bipod, Hard Case
C6225283 - w/ scope, Base, Bipod, Hard Case
C6225098 - w/ scope, Base, Bipod, Hard Case
C6225260 - w/ " " " "
C6225164 - w/ " " " "

"THINK SAFETY AHEAD, DON'T BE MISLED, ACCIDENTS DO HAPPEN"

HAND RECEIPT/ANNEX NUMBER <i>For use of this form, see DA PAM 710-2-1. The proponent agency is ODCSLOG.</i>		FROM: HHC 1/75TH RANGER REGT.		TO: PBO 1/75TH RANGER REGT.		HAND RECEIPT NUMBER	
FOR ANNEX/CR ONLY	END ITEM STOCK NUMBER 1005-01-240-2136	END ITEM DESCRIPTION 7.62mm M24 SNIPER WEAPON SYSTEM	PUBLICATION NUMBER TM 9-1005-306-10		PUBLICATION DATE JUNE 1989		QUANTITY 6
STOCK NUMBER a.		ITEM DESCRIPTION b.	* c.	SEC d.	UI e.	QTY AUTH f.	g. QUANTITY A B C D E F
1005012602662		SYSTEM CASE		U	EA	1 6	1
1005012602663		FOAM, TOP		U	EA	1 6	1
1005012602664		FOAM, BOTTOM		U	EA	1 6	1
1005012622818		SOFT RIFLE CARRYING CASE		U	EA	1 0	0
1005007141245		SLING, SMALL ARMS		U	EA	1 0	0
1005012602665		BIPOD(OPTIONAL)		U	EA	1 6	1
1005012602647		DEPLOYMENT CASE		U	EA	1 0	0
1005012602666		DAY OPTIC SIGHT CASE		U	EA	1 0	0
NSN		DEPLYMENT KIT		U	KT	1 0	0
NSN		FRONT SIGHT		U	EA	1 0	0
NSN		REAR SIGHT		U	EA	1 0	0
NSN		DAY OPTIC SIGHT SN # 881268 , 881280, 881284, 881290, <u>881202</u> , 881294		U	EA	1 6	1
1001012402136		RIFLE SN # C6225098, C6225114, C6225164, C6225283, <u>C6225368</u> , C6225260		U	EA	1 6	1

* WHEN USED AS A:
HAND RECEIPT, enter Hand Receipt Annex Number
HAND RECEIPT FOR QUARTERS FURNITURE, enter Condition Codes
HAND RECEIPT ANNEX/COMPONENTS RECEIPT, enter Accounting Requirements Code (ARC).