

C6225368

MODEL 700™ M24

Model 700 M24™

Action

Barrel Length

Capacity

Order No. 5715

*Includes 1 in chamber.

Remington

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # *C6225368*

OPERATION		DATE	INT
#	NAME		
575-580	ASSEMBLY	<i>1/22</i>	<i>FB</i>
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>3/21/88</i>	<i>TJA</i>
625-630	FINAL ASSEMBLY		
635	TEST		
640	TARGET		
	FIRING PIN INDENT		
660	PACK		

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6225368

SCOPE
1202

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 + MS
	F) Safety on Force	7.5 7.5 7	8 Sept 88	JU + MS
	G) Safety off Force	4 2.25 3	8 Sept 88	JU + MS
	H) Trigger Pull Test & Retainability		8 Sept 88	JU + MS
	I) Firing Pin Indent	.022 .0215 .0215	8 Sept 88	JU + MS
	J) Assemble Stock		9/16/88	RW
	K) Assemble Swivel Studs		10-13-88	JD
	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	MS
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	JD
	B) Trigger Pull		10-14-88	JD
	C) Function		10-13-88	JD
660	Pack		15 Dec 88	JD

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6225368DATE 8 Sept 88TESTER J. H. J. 8

	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		4.17
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

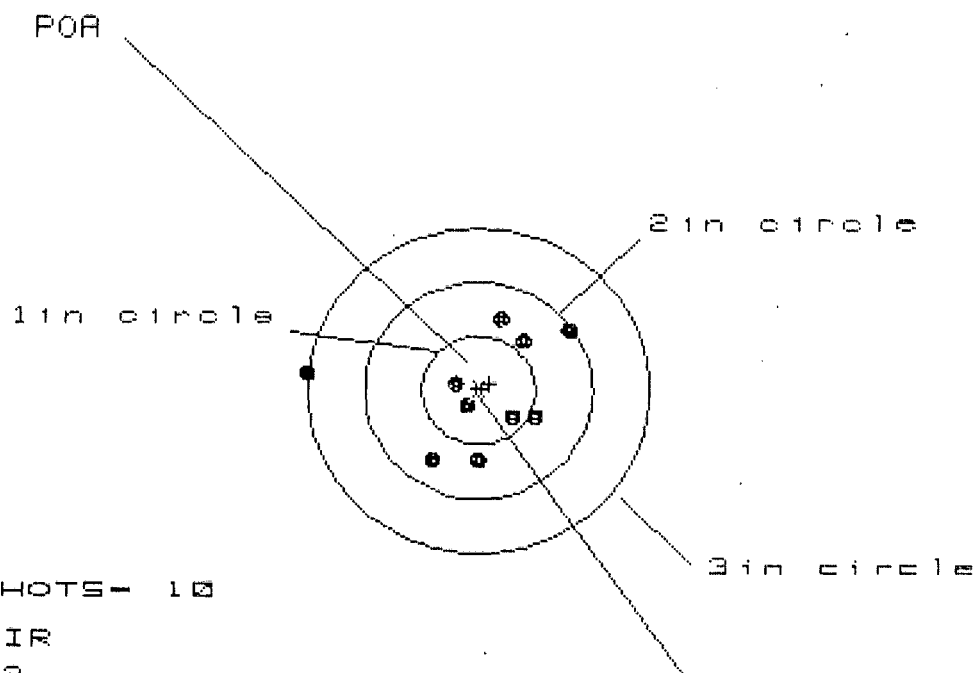
$\frac{4}{3} \pm$ <----POA

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

HS= 2.260

VS= 1.337

GS= 2.296

PATTERN #	:	1		
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

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS-- 10

IN CIR

1 in = 5

2 in = 9

3 in = 10

HS= .725

VS= 2.135

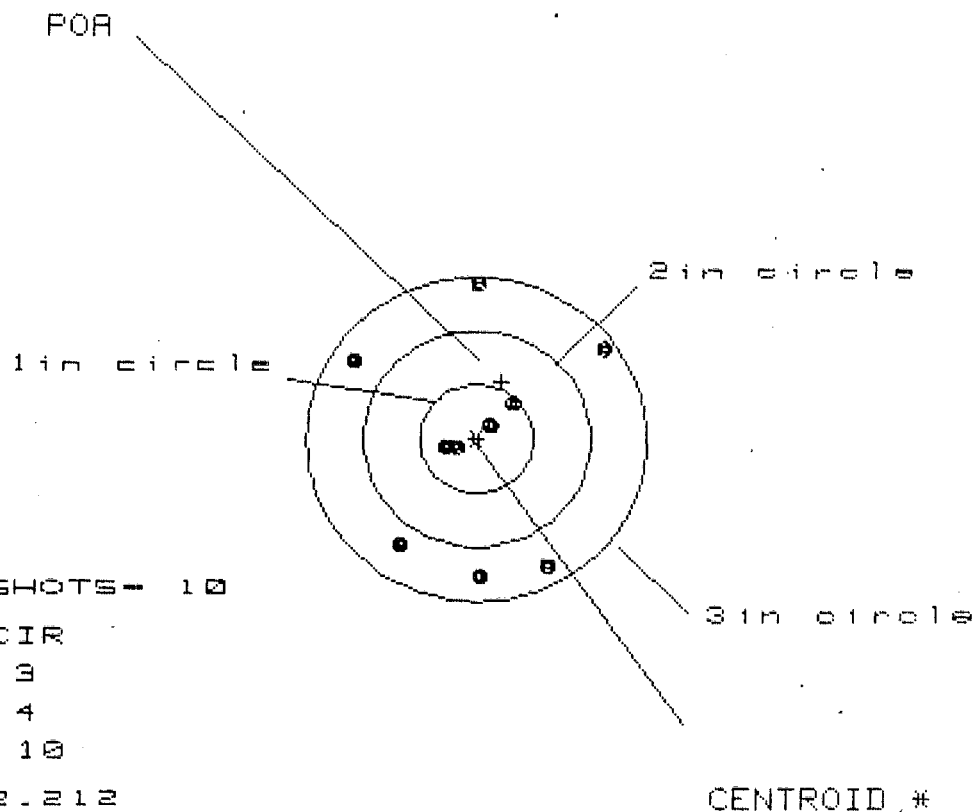
GS= 2.194

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.464	.498	.471
MINIMUM X	:	-.261	-.227	-.254
MAXIMUM Y	:	.755	.602	.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/C6225368

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in = 3

2 in = 4

3 in = 10

HS = 2.212

VS = 2.684

GS = 2.684

CENTROID, #

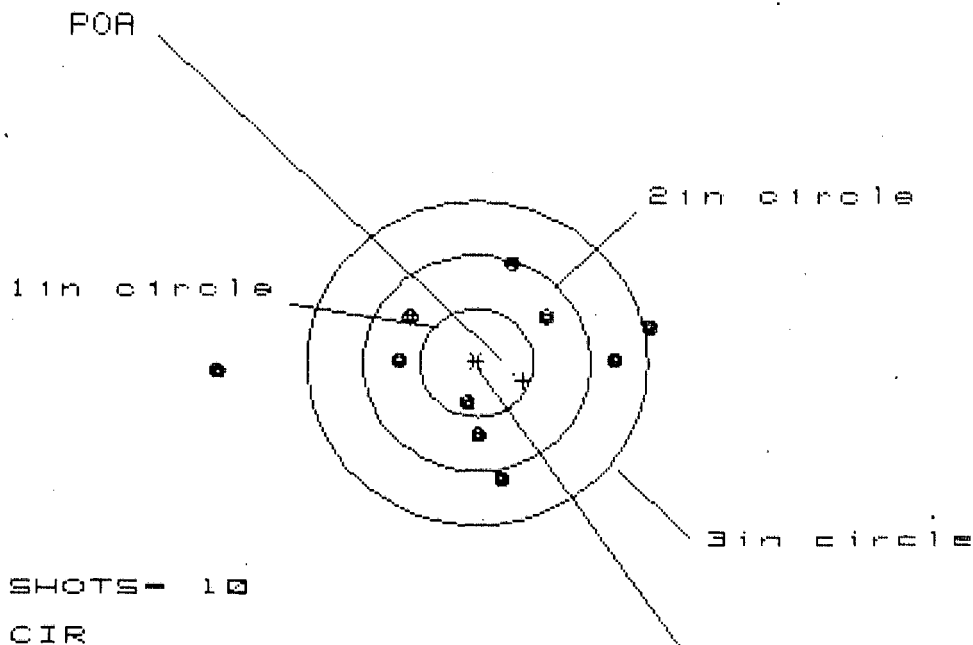
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.154	1.156	.735
MINIMUM X	:	-1.058	-1.056	-.911
MAXIMUM Y	:	1.427	.941	1.041
MINIMUM Y	:	-1.257	-1.099	-.981
CENTROID X	:	-.221	-.223	-.368
CENTROID Y	:	-.531	-.689	-.807
POA TO CENTROID in.	:	.575	.725	.887
MIN RADIUS	:	.150	.175	.172
MEAN RADIUS	:	.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/08225368

CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1 in - 1

2 in - 5

3 in - 8

HS- 3.838

VS= 2.022

GS= 3.861

PATTERN #

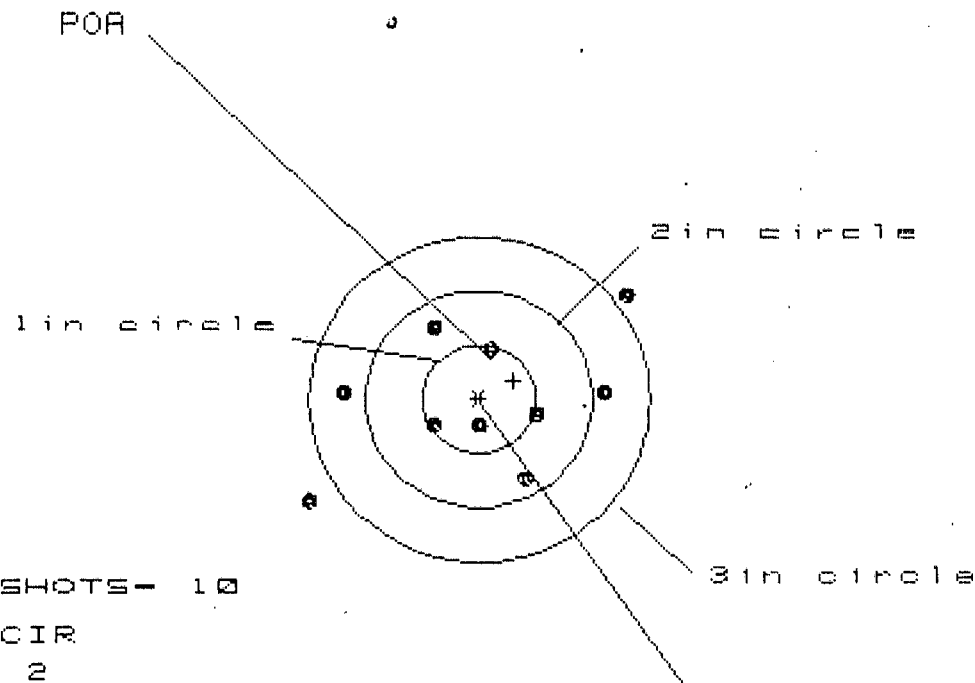
4

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
POA 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/C6225368

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

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.313	1.142	1.087
MINIMUM X	:	-1.537	-1.374	-1.231
MAXIMUM Y	:	.998	.893	.720
MINIMUM Y	:	-.941	-.838	-.726
CENTROID X	:	-.304	-.133	-.276
CENTROID Y	:	-.168	-.063	-.175
POA TO CENTROID in.	:	.347	.148	.327
MIN RADIUS	:	.240	.359	.228
MEAN RADIUS	:	.922	.818	.719
MAX RADIUS	:	1.802	1.450	1.233
HORIZONTAL SPREAD	:	2.850	2.516	2.318
VERTICAL SPREAD	:	1.939	1.731	1.446
EXTREME SPREAD	:	3.447	2.680	2.318
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

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

5
4
3 1 ←---POA

PATTERN #: ☐ 1 ☐

POA TO CENTROID: .177

MIN RADIUS : .513

MEAN RADIUS : 1.454

MAX RADIUS : 2.509

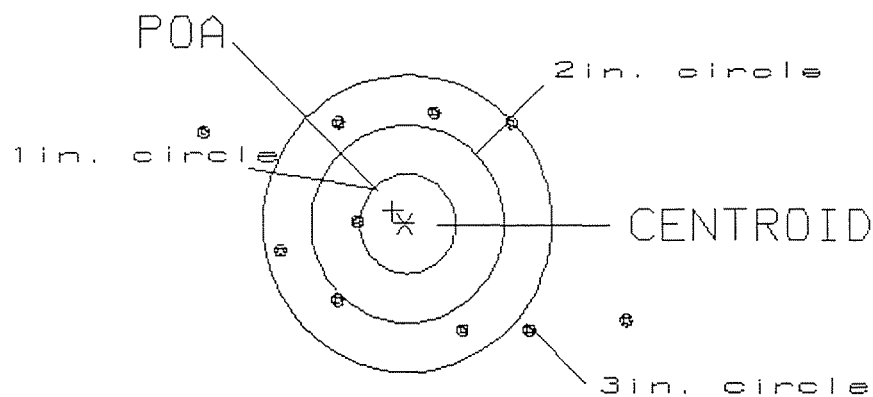
CENTROID X : .124

CENTROID Y : -.127

27 Oct 1998

FILE:/Hpbasic/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 #: 2

POA TO CENTROID: .666

MIN RADIUS : .579

MEAN RADIUS : 1.198

MAX RADIUS : 2.062

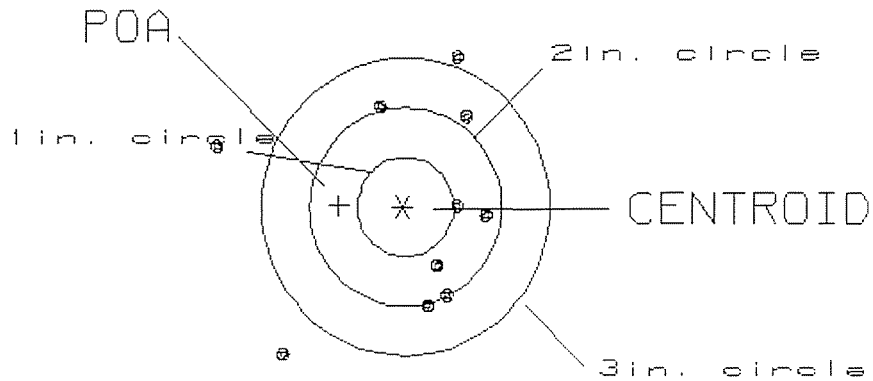
CENTROID X : .666

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

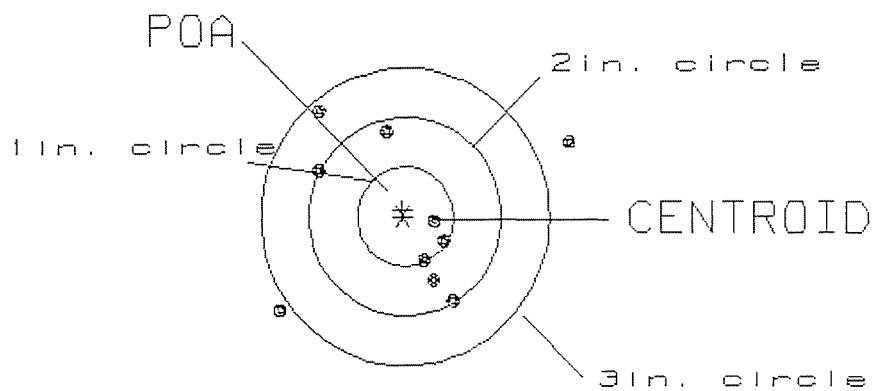
CENTROID X : .002

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

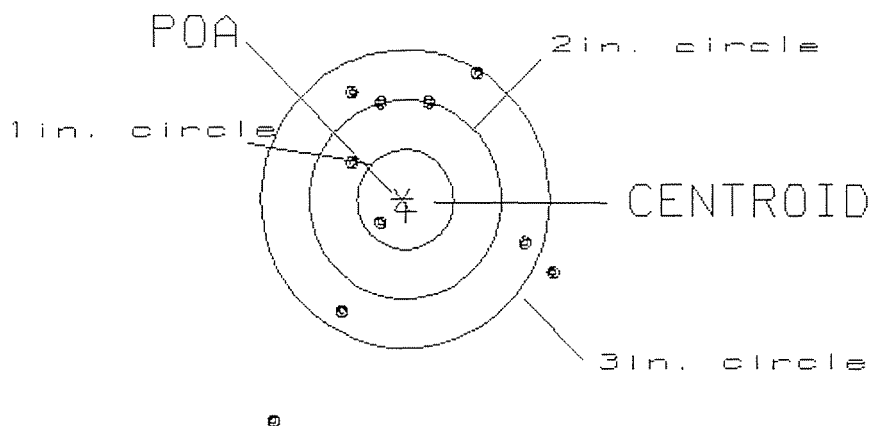
CENTROID X : -.040

CENTROID Y : .128

27 Oct 1998

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

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

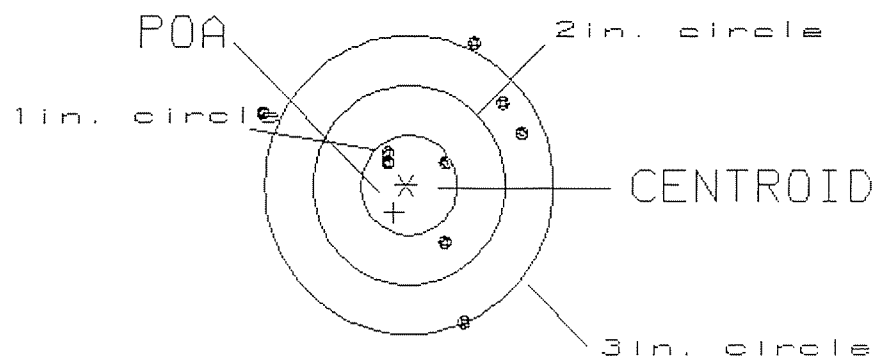
CENTROID X : .125

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

CRIM

R 98-18180

INITIAL		CUSTOMER ORDER NO.		W/B1-POD		Scope # 1202	
JJM							
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 102
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	VIA UPS
GUN CONDITION								REPAIR CHARGE
☐ NEW								REPAIR CHARGE
☐ LIGHTLY WORN								EXCISE
☐ WORN								TAX
☐ VERY WORN								INSURANCE
☐ UNREPAIRABLE								UPS
☐ MARRED								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

[illegible]

OFFICE COPY

RD6925 REV. 7/97

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

BARBER - M24 0043814 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"

[illegible]

HAND RECEIPT/ANNEX NUMBER For use of this form, see DA PAM 710-2-1. The proponent agency is ODCSLOG.		FROM: HHC 1/75TH RANGER REGT.		TO: PBO 1/75TH RANGER REGT.		HAND RECEIPT NUMBER					
FOR ANNEX/CR ONLY	END ITEM STOCK NUMBER	END ITEM DESCRIPTION	PUBLICATION NUMBER		PUBLICATION DATE	QUANTITY					
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).