

CS225054

MODEL 700™ M24

Model 700 M24™

Action

Barrel Length

Capacity

Order No. 5715

*Includes 1 in chamber.

Remington

RECEIVED			M-24 SNIPER			R 95-23619							
INITIAL JJM			CUSTOMER ORDER NO.										
DATE RECEIVED 09/21/95		DATE OPENED 09/25/95		DATE CODE PD 7-94		SERIAL NUMBER C6225054		NEW SERIAL NUMBER		MODEL AND GRADE 700 7.62 NATO			
ACCESSORIES		SCOPE BASE											
FROM:						SHIP TO:							
HHC BN ARMS SHOP 2ND BN 75TH RGR RGT FORT LEWIS WA 98433						HHC BN ARMS SHOP 2ND BN 75TH RGR RGT FORT LEWIS WA 98433							
CUST NO: 126790 C.O.D.L													
ACCOUNT NUMBER			ACCOUNT NUMBER N/C			WRITE ☐		PROM. DATE		ESTIMATED		VIA UPS	
GUN CONDITION												REPAIR CHARGE	
☐ NEW												EXCISE	
☐ LIGHTLY WORN												TAX	
☐ WORN												INSURANCE	
☐ VERY WORN												UPS	
☐ UNREPAIRABLE												PARCEL POST	
☐ MARRED												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		Broken Bolt Handle											
PARTS		COMMENTS											
Bolt Assy - 96005													
WS24093270#227													
REPAIRMAN RW		PROOF ✓		CLEAN ✓		TEST ✓		TARGET		PATTERN			
GALLERY TESTER RW		DATE 9/26/95		DATE 9/26/95		DATE 9/26/95		DATE		DATE			
OFFICE COPY													
RD6925 REV. 1/94													
CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER													
BARRIER - M24 M2400047899													

For use of this form, see DA FORM 38-750, the proponent agency is DCSLOG.

SECTION I - EQUIPMENT DATA

CONTROL NUMBER

WORK ORDER NUMBER

WESDC

ORG PD

PD AUTHENTICATION

BAR 1933

02

CPT Scott F. Hume

WORK REQUEST

1a. ORGANIZATION

b. LOCATION

c. UNIT IDENT CODE

☒ WORK REQUEST

MHC Bn Arms Shop

Fort Lewis Wa 98433-5700 WH3MFA

☐ MWO

2d Bn 75th RGR. RGT.

WARRANTY CLAIM

2. SERIAL NO.

3. NOUN NOMENCLATURE

4. LINE NO.

5. MODEL

6. NATIONAL STOCK NUMBER

☐ WARRANTY CLAIM

C622-505Y

7.62mm SWJ

172Y

1405-01-240-2136

7. MAINTENANCE ACTIVITY

a. LEVEL

b. UTILIZATION CODE

9. MCSR ITEM

a. ERC

b. PACING ITEM

10. HOURS

11. MILES

12. ROUNDS

13. STARTS

Remington Arms

Custom Shop.

14. FAILURE DETECTED DURING (Select one - use ✓ or X)

15. FIRST INDICATION OF TROUBLE (Select one - use ✓ or X)

☐ A Scheduled Maintenance

☐ C Test

☐ E Storage

☐ G Flight

☒ 068 Inoperative

☐ 258 Overheating

☐ 790 Out of Adjustment

☐ B Handling

☐ D Normal Op

☐ F Inspection

☒ H Other

☐ 008 Noisy

☐ 387 Low Performance

☐ Other

16. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs)

Bolt Handle was broken off during Airborne Jump Training.

Repair/ Replace as required

16a. REMARKS

Poc: Bn Armorer.
Mr Ray Fuller WG-10
206-967-8455

SECTION II - WORK ACCOMPLISHED

17a. REPAIR ORGANIZATION/ACTIVITY

b. LOCATION

c. UNIT IDENT CODE

18. TYPE ORGANIZATION/ACTIVITY AC-COMPLISHING WORK (Select one - use ✓ or X)

19. AMS ACCOUNT CODE

☐ 1 TOE

☐ 2 TD

☐ 3 CONTRACTOR

20a. ACT CODE

FAILURE CODE

c. COMPONENT/PART NOUN, SVC, OR MWO NO.

MANHOURS (Hrs & tenths)

NATIONAL STOCK NUMBER

PART SOURCE CODE

QTY

PARTS COST

d. CB CODE

e. REF DESIGNATOR

f. MFR CODE

21. DELAY (Select one)

22. DATA TRANSCRIBED

☐ 1 Parts

☐ 2 Manpower

☐ 3 Facilities

☐ 4 Funds

☐ 5 Tools

☐ A To User

☐ C Salvaged

23. SUBMITTED BY

24. RECEIVED BY

25. WORK STARTED BY

26. INSPECTED BY

27. ACCEPTED BY

28. DISPOSITION (Select one)

Ray Fuller

☐ B To Stock

☐ D Evacuated

☐ E Cannibalization

JULIAN DATE

JULIAN DATE

JULIAN DATE

JULIAN DATE

JULIAN DATE

0254

BARBER - M24 0047862		Mr Ray Fuller		Job	
PACKING LIST				2b. ORDER NO. BAR 1933	
3. END ITEM 7.62 mm M24 Sniper Weapon System NSN: 1005-01-240-2136				4. DATE 11 Sept 95	
				5. PAGE 1 OF 1 PAGES	
BOX NO. (a)	CONTENTS - STOCK NUMBER AND NOMENCLATURE (b)	UNIT OF ISSUE (c)	QUANTITIES REQUIRED		
			INITIAL OPERATION (d)	RUNNING SPARES (e)	TOTAL (f)
1	1ea M24 SWS Serial Number C622-5057	Ea			
6. THIS CERTIFIES THAT ITEMS LISTED HEREON ARE WITHIN THE SPECIFIED BOXES					
TYPED NAME AND TITLE Ray Fuller WO-10 Bn Armorer			SIGNATURE 		

DD FORM 1750
1 SEP 70

HHC Bn Arms

2d Bn 75th ACR 16T.

Fort Lewis, Wa 98433-5700

wt. 14
cu. 99

Final Inspection

Sn: C6225054 DATE REC'D: 9/21/95 DATE RET'D: _____
 Auditor: AW

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: _____

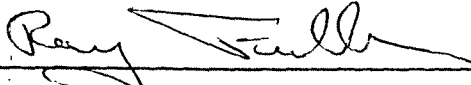
GUN SERIAL #

C6225054

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock			
600	Proof		9/26/95	RW
607	Check Headspace			
610	Dis-assemble Gun			
612	Magnaflux Barrel Action			
	Magnaflux Bolt		9/26/95	RW
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		9/26/95	RL
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/26/95	RL
	C) Inspect Ejector Hole for Chamfer		9/26/95	RW
	D) Oil Firing Pin Ass'y		9/26/95	RW
	E) Adjust Trigger Pull to Min Setting and Stake			

Sp. #	TASKS	READINGS					DATE	INITIALS
		1	2	3	4	5		
625 cont.	F) Safety On Force							
	G) Safety Off Force							
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent							
	J) Assemble Stock							
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test						9/26/95	RW
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo						9/26/95	RW
655	Final Inspection							
	A) Headspace						9/26/95	RW
	B) Trigger Pull						9/26/95	RW
	C) Function						9/26/95	RW
660	Pack							

RECEIVING AND ESTIMATING REPORT				M-24 ATTN: FRED MARTIN PAINTED OUTSIDE SHOP				R 94-22610	
INITIAL FPS	CUSTOMER ORDER NO.								
DATE RECEIVED 08/01/94	DATE OPENED 08/02/94	DATE CODE DI 9-88	SERIAL NUMBER C6225054	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62		NATO		
ACCESSORIES W/STUDS		SCOPE MNTS		SCOPE BASE					
FROM: DEPT OF THE ARMY B CO ARMS 2/75 RANGER BATTALION FT LEWIS WA 98433				SHIP TO: DEPT OF THE ARMY B CO ARMS 2/75 RANGER BATTALION FT LEWIS WA 98433					
L		CUST NO: 062072 C.O.D L							
ACCOUNT NUMBER		ACCOUNT NUMBER N/C		WRITE ☐	PROM. DATE	ESTIMATED	VIA UPS		
GUN CONDITION						REPAIR CHARGE			
☐ NEW	EXCISE								
☐ LIGHTLY WORN	TAX								
☐ WORN	INSURANCE								
☐ VERY WORN	UPS								
☐ UNREPAIRABLE	PARCEL POST								
☐ MARRED					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		New Barrel							
PARTS				COMMENTS					
Barrel - 96003				Repowder Coat Trigger Guard Assy Front & Rear Sight Bases Reticle Scope Base, Rings & Swivel Studs					
W524094221/527				REPAIRMAN RW	PROOF ✓	CLEAN ✓	TEST ✓	TARGET ✓	PATTERN
				GALLERY TESTER RW	DATE 8/2/94	DATE 8/13/94	DATE 8/15/94	DATE 8/15/94	DATE
OFFICE COPY									
CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER									
BARBER - M24 M2400947906									

BARBER - M24 0047868 BY PACKING LIST		Mr. Ray Fuller WG-10 Bin Armorer.		1. NO. BOXES /		2a. REQUISITION NO. 92064	
3. END ITEM 7.62mm M24 Sniper Weapons System (SW5)		4. DATE 26 July 1994		5. PAGE 1 OF 1 PAGES		2b. ORDER NO.	
BOX NO.	CONTENTS - STOCK NUMBER AND NOMENCLATURE	UNIT OF ISSUE	QUANTITIES REQUIRED				
(a)	(b)	(c)	INITIAL OPERATION (d)	RUNNING SPARES (e)	TOTAL (f)		
	7.62mm M24 Sniper Weapon System (SW5) Serial No. <u>C6225054</u> NSN: 1005-01-240-2136 [REDACTED] [REDACTED] <u>Note:</u> All Optic Scope Ring mounts Packed	Ea			1		
	[REDACTED] [REDACTED] [REDACTED]	Ea			1		
6. THIS CERTIFIES THAT ITEMS LISTED HEREON ARE WITHIN THE SPECIFIED BOXES							
TYPED NAME AND TITLE Ray Fuller WG-10 Bin Armorer			SIGNATURE 				

DD FORM 1 SEP 70 1750

SECTION I - EQUIPMENT DATA													
CONTROL NUMBER		WORK ORDER NUMBER		WESDC		ORG PD		PD AUTHENTICATION					
		92064				02		Adam J. Rake, 1LT, IN					
☒ WORK REQUEST ☐ MWO ☐ WARRANTY CLAIM		1a. ORGANIZATION BN Arms HHC 2nd BN 75th Rangers				b. LOCATION FT Lewis, Wa			c. UNIT IDENT CODE WH3MAA				
2. SERIAL NO. C6225054		3. NOUN NOMENCLATURE M24 SWS		4. LINE NO.		5. MODEL M24		6. NATIONAL STOCK NUMBER 1005-01-240-2136					
7. MAINTENANCE ACTIVITY Remington Arms Custom Shop		a. LEVEL		8. UTILIZATION CODE		9. MCSR ITEM		a. ERC		b. 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 Scheduled Maintenance ☒ C Test ☐ E Storage ☐ G Flight ☐ B Handling ☐ D Normal Op ☐ F Inspection ☐ H Other						☐ 068 Inoperative ☐ 258 Overheating ☐ 790 Out of Adjustment ☐ 008 Noisy ☐ 387 Low Performance ☒ Other							
16. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs)													
This weapon has fired over 10,000 rds. During Bench Rest Test fire at 200-6													
300 yds, groups were shot exceeding the criteria of 2.6" at 200 and 3.8" at 300 yds													
(5-10 shot group) This criteria was provided us by Mr Jim Glenn ARDCE DSN													
16a. REMARKS 880-7071. Request rebarreling and complete weapon reconditioning.													

SECTION II – WORK ACCOMPLISHED

[illegible]

Final Inspection

In: C 6225054

DATE REC'D: 8/1/94

DATE RET'D:

AUDITOR: *AW*

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: _____

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225054
18 Aug 1994

CENTROIDAL DISTANCES

0 TO	1	.114272
1 TO	2	.451868
1 TO	3	.565605
1 TO	4	.373209
1 TO	5	.465151

3^2
 54^{th} <----POA

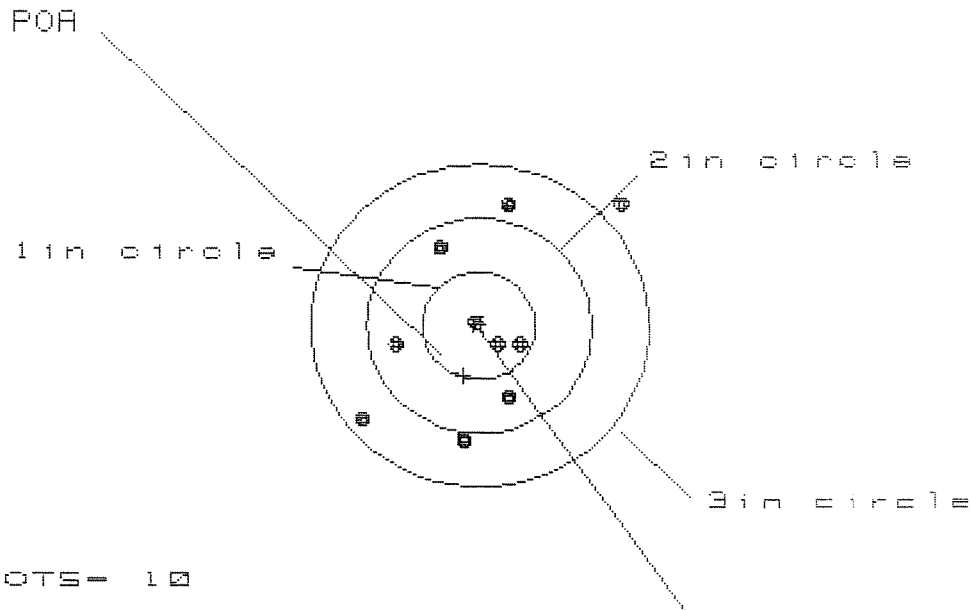
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1072
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0564
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .121131

THE AMR FOR THIS RIFLE IS: .9748

18 Aug 1994

FILE:/PATTERNING/CENTERFIRE_PATT/06225054

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 9

HS= 2.226

VS= 2.269

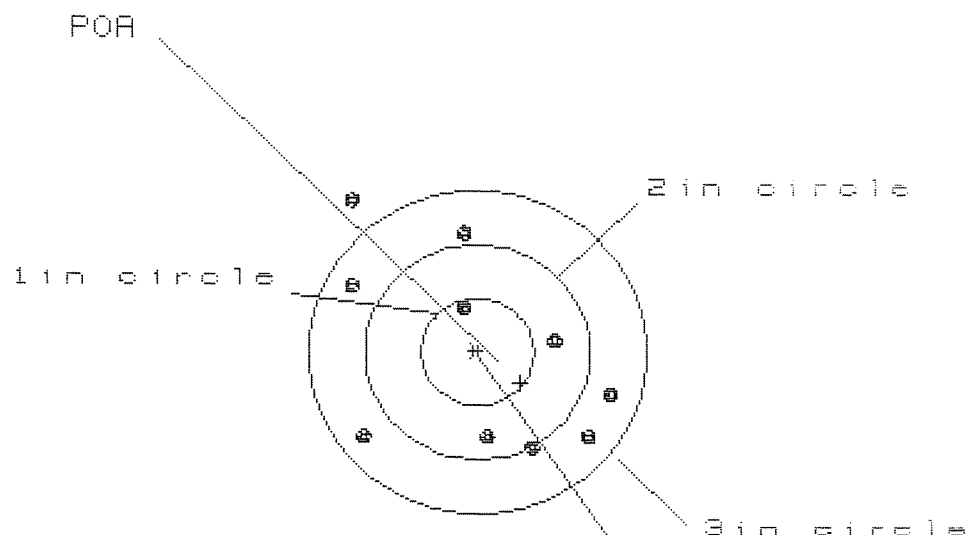
GS= 3.052

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.228	.488	.380
MINIMUM X	-.998	-.861	-.761
MAXIMUM Y	1.174	1.303	1.205
MINIMUM Y	-1.095	-.964	-1.062
CENTROID X	.141	.004	.112
CENTROID Y	.468	.337	.435
POA TO CENTROID in.	.488	.337	.449
MIN RADIUS	.057	.197	.075
MEAN RADIUS	.840	.748	.669
MAX RADIUS	1.699	1.361	1.239
HORIZONTAL SPREAD	2.226	1.349	1.141
VERTICAL SPREAD	2.269	2.267	2.267
EXTREME SPREAD	3.052	2.434	2.305
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

18 Aug 1994

FILE:/PATTERNING/CENTERFIRE_PATT/08225054

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 4

3 in = 9

HS= 2.284

VS= 2.322

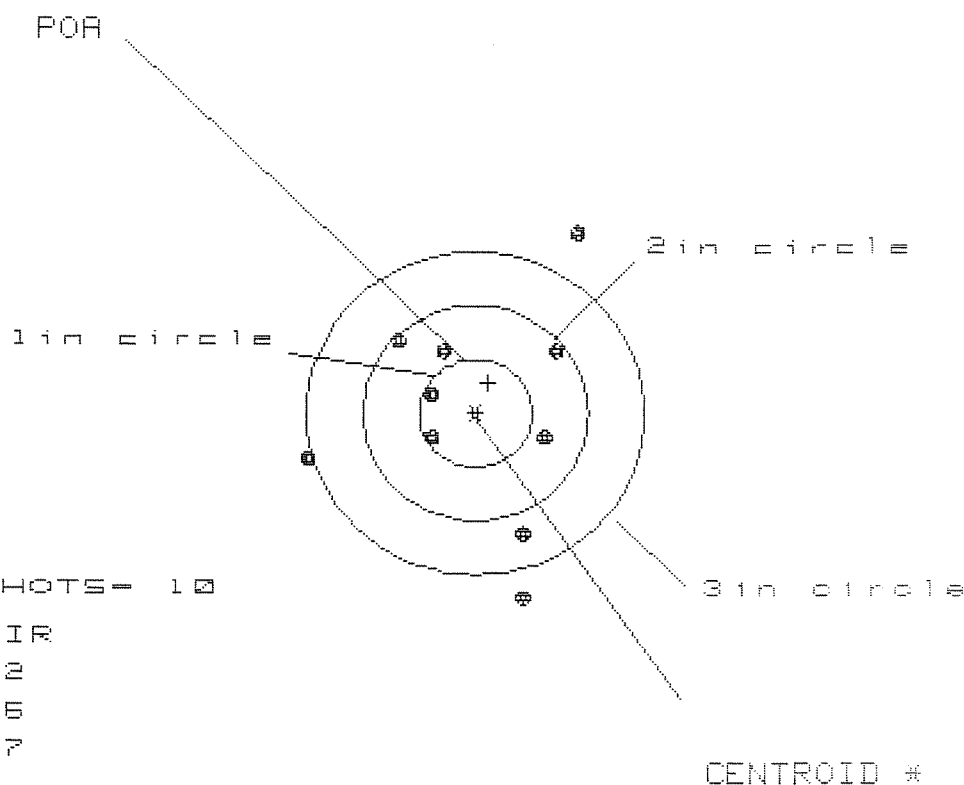
GS= 3.048

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.137	1.018	.859
MINIMUM X	:	-1.147	-1.266	-1.267
MAXIMUM Y	:	1.461	1.297	1.389
MINIMUM Y	:	-.861	-.699	-.607
CENTROID X	:	-.384	-.265	-.106
CENTROID Y	:	.287	.125	.033
POA TO CENTROID in.	:	.479	.292	.111
MIN RADIUS	:	.416	.613	.561
MEAN RADIUS	:	1.091	.984	.889
MAX RADIUS	:	1.814	1.464	1.434
HORIZONTAL SPREAD	:	2.284	2.284	2.126
VERTICAL SPREAD	:	2.322	1.996	1.996
EXTREME SPREAD	:	3.048	2.524	2.199
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	9		

18 Aug 1994

FILE:/PATTERNING/CENTERFIRE_PATT/06225054

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 7

HS = 2.410

VS = 3.356

GS = 3.396

CENTROID #

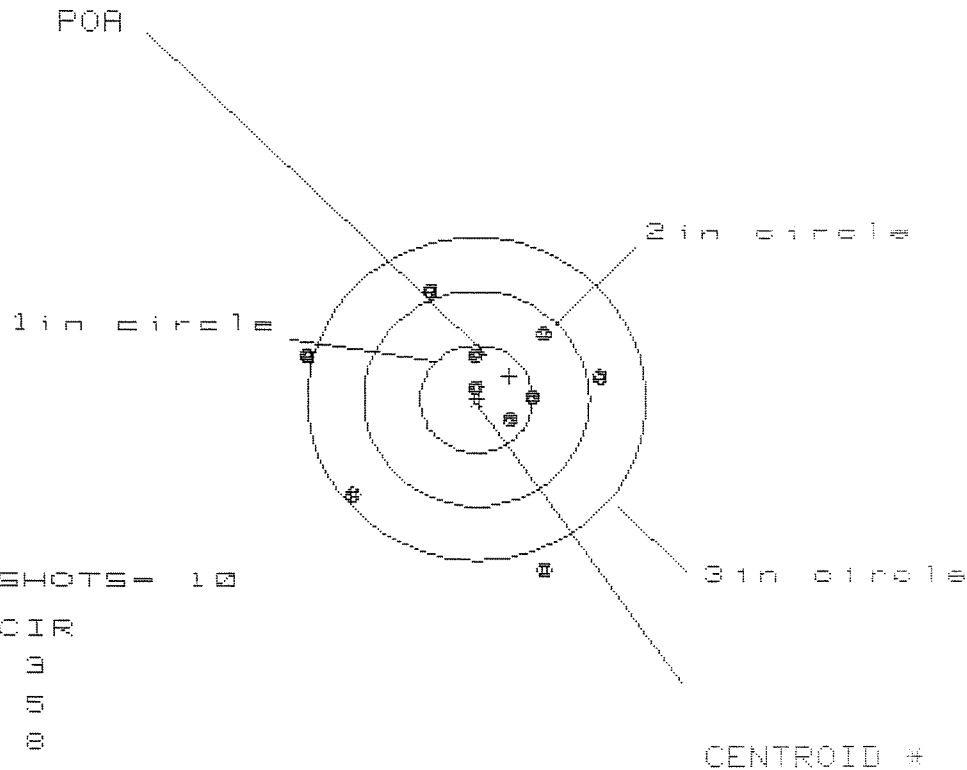
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.959	.775	.844
MINIMUM X	:	-1.451	-1.344	-1.276
MAXIMUM Y	:	1.661	.887	.698
MINIMUM Y	:	-1.695	-1.510	-1.127
CENTROID X	:	-.113	-.220	-.288
CENTROID Y	:	-.280	-.465	-.276
POA TO CENTROID in.	:	.302	.514	.399
MIN RADIUS	:	.438	.291	.295
MEAN RADIUS	:	1.043	.942	.817
MAX RADIUS	:	1.918	1.607	1.351
HORIZONTAL SPREAD	:	2.410	2.119	2.119
VERTICAL SPREAD	:	3.356	2.397	1.825
EXTREME SPREAD	:	3.396	2.643	2.334
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			7	

18 Aug 1994

FILE:/PATTERNING/CENTERFIRE_PATT/06225054

CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 5

3 in = 8

HS= 2.586

VS= 2.588

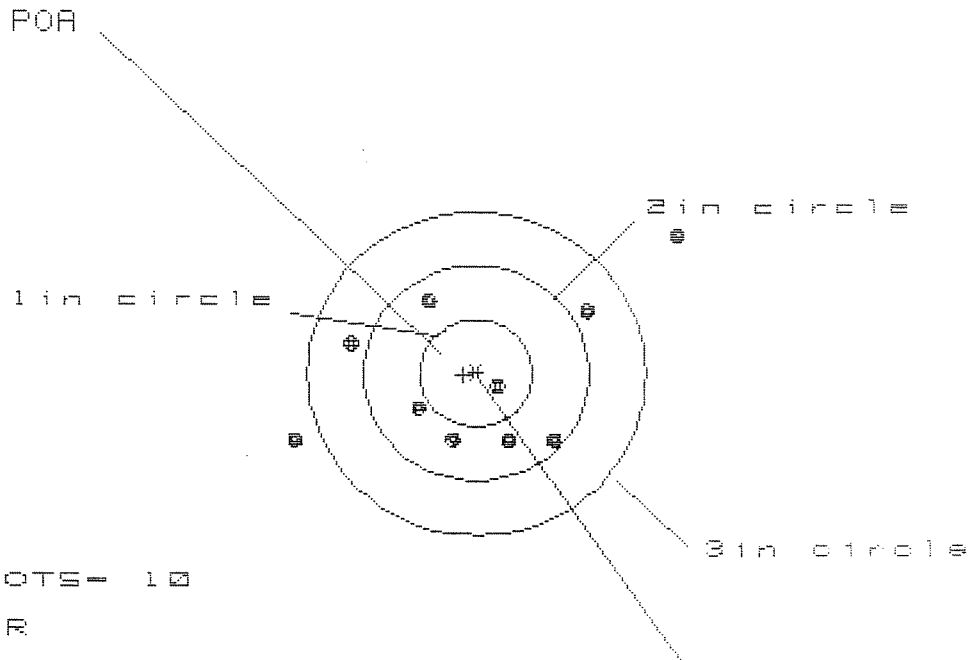
GS= 2.809

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.127	1.190	1.016
MINIMUM X	:	-1.459	-1.396	-1.211
MAXIMUM Y	:	1.022	.848	.873
MINIMUM Y	:	-1.566	-1.018	-.993
CENTROID X	:	-.293	-.356	-.182
CENTROID Y	:	-.210	-.036	-.061
POA TO CENTROID in.	:	.360	.358	.192
MIN RADIUS	:	.130	.059	.141
MEAN RADIUS	:	.896	.787	.683
MAX RADIUS	:	1.667	1.453	1.566
HORIZONTAL SPREAD	:	2.586	2.586	2.227
VERTICAL SPREAD	:	2.588	1.866	1.866
EXTREME SPREAD	:	2.809	2.594	2.450
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			8	

18 Aug 1994

FILE:/PATTERNING/CENTERFIRE_PATT/C6225054

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 6

3 in = 8

HS= 3.446

VS= 1.864

GS= 3.912

CENTROID *

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.806
MINIMUM X	-1.640
MAXIMUM Y	1.262
MINIMUM Y	-.602
CENTROID X	.113
CENTROID Y	.017
POA TO CENTROID in.	.114
MIN RADIUS	.222
MEAN RADIUS	1.004
MAX RADIUS	2.204
HORIZONTAL SPREAD	3.446
VERTICAL SPREAD	1.864
EXTREME SPREAD	3.912
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	6
NUMBER IN THREE INCH CIRCLE =	8

CONTRACT # DAAA21-87-C-0086

New Barrel

GUN SERIAL # C6725054

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		8/3/94	RW
600	Proof		8/3/94	RW
607	Check Headspace		8/3/94	RW
610	Dis-assemble Gun		8/3/94	RW
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/13/94	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/13/94	RW
	C) Inspect Ejector Hole for Chamfer		8/13/94	RW
	D) Oil Firing Pin Ass'y		8/13/94	RW
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	OP. NAME	READINGS					DATE	INITIAL
625 cont.	F) Safety On Force							
	G) Safety Off Force							
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent							
	J) Assemble Stock							
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test							
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection						8/16/94	WB
	A) Headspace							
	B) Trigger Pull	2.60	2.65	2.58	2.64	2.67	8/16/94	WB
	C) Function							
660	Pack							

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225054

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and stock	8	9/88	FB
600	Proof	9	7/88	RW
607	Check Headspace	9	7/88	RW
610	Dis-assemble gun	9	7/88	RW
612	Magnaflux Barrel Action		9-14-88	pfe.
	Magnaflux Bolt		9-14-88	pfe.
615	Rollmark Caliber			
617	Drill & Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)		10-31-88	TJA
	Apply Coatings (Bolt)		10-31-88	TJA
625	Final Assembly A) Clean inside of Bolt Assembly		11/2/88	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/2/88	RW
	C) Inspect Ejector Hole for Chamfer		11/2/88	RW

OVER

OP. #		READINGS	DATE	INITIAL
625 cont.	D) Oil Firing Pin Ass'y		11/2/88	RW
	E) Adjust Trigger Pull to Min. Setting and Stake		2 Nov 88	JSJ
	F) Safety on Force	5 5 5	2 Nov 88	JSJ
	G) Safety off Force	3 3 3	2 Nov 88	JSJ
	H) Trigger Pull Test & Retainability		2 Nov 88	JSJ
	I) Firing Pin Indent	.020 .020 .020	2 Nov 88	JSJ
	J) Assemble Stock		11/8/88	RW
	K) Assemble Swivel Studs		29 Nov 88	JSJ
	L) Attach Front & Rear Sight Assemblies		11/8/88	RW
	M) Iron Sight Alignment		11/8/88	RW
	N) Detach Front & Rear Sights & place in numbered container		11/8/88	RW
	O) Attach Scope to Rifle		11/8/88	RW
	P) Detach & Attach Scope 20 times		8 Nov 88	JSJ
640	Gallery Target & Test	61 R 92 L	11/9/88	DH
	A) Optical Clarity of Scope		11/9/88	DH
645	Inspect for Live Ammo		11/9/88	DH
655	Final Inspection			
	A) Headspace		29 Nov 88	JSJ
	B) Trigger Pull		31 Oct 88	JSJ
	C) Function		29 Nov 88	JSJ
660	Pack		15 Dec 88	JSJ

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C6225054DATE 3/10/88TESTER J. H. J. L. S.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.40	2.39	2.63	2.50	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.45	2.46	2.64	2.47	
PULL #3	2.46	2.46	2.64	2.47	
PULL #4	2.46	2.45	2.67	2.49	
PULL #5	2.45	2.49	2.65	2.54	
TOTAL	12.22	12.85	13.23	12.47	
AVG.	2.444	2.45	2.646	2.494	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.32	3.25		
PULL #2	3.33	3.30		
PULL #3	3.32	3.35		
PULL #4	3.26	3.36		
PULL #5	3.35	3.34		
TOTAL	16.58	16.60		
AVG.	3.316	3.32		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.21	4.24		4.48
PULL #2	4.25	4.27		4.49
PULL #3	4.26	4.25		4.48
PULL #4	4.25	4.29		4.43
PULL #5	4.26	4.27		4.47
TOTAL	21.23	21.32		22.35
AVG.	4.246	4.264		4.47

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225054

CENTROIDAL DISTANCES

Ø TO	1	.174402
1 TO	2	.871783
1 TO	3	.898109
1 TO	4	.929995
1 TO	5	1.27804

↑ 5 ←----POA
2

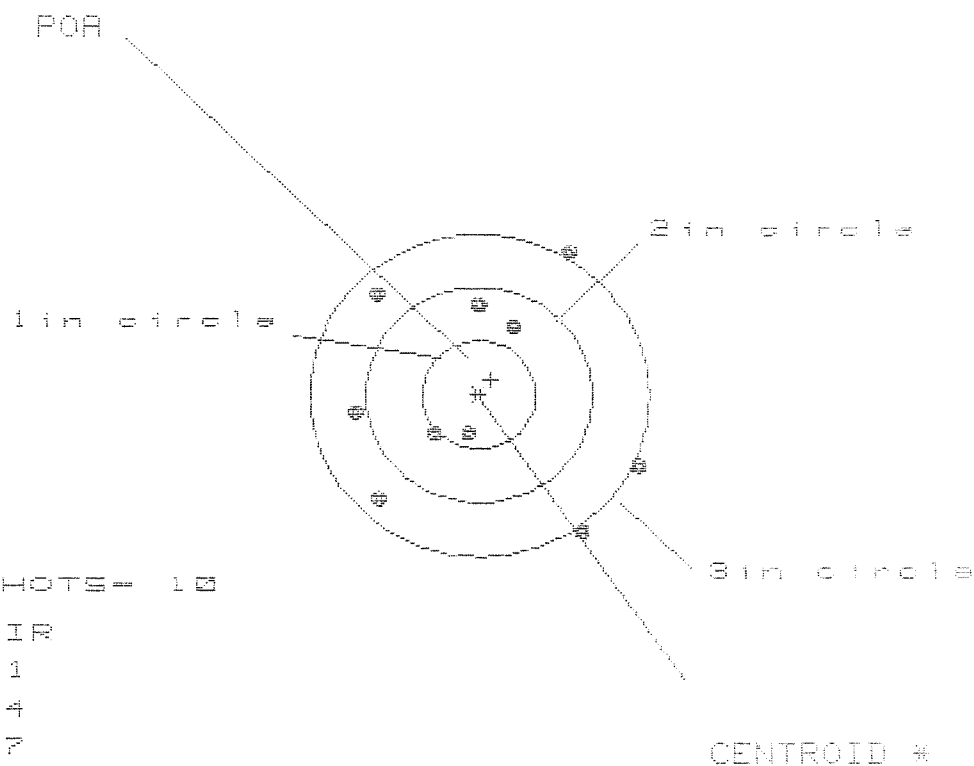
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .5576
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.4848
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .738883
THE AMR FOR THIS RIFLE IS: .8638

9 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225084

CENTERFIRE PATTERNS

1



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 4

3 in = 7

HS= 2.549

VS= 2.587

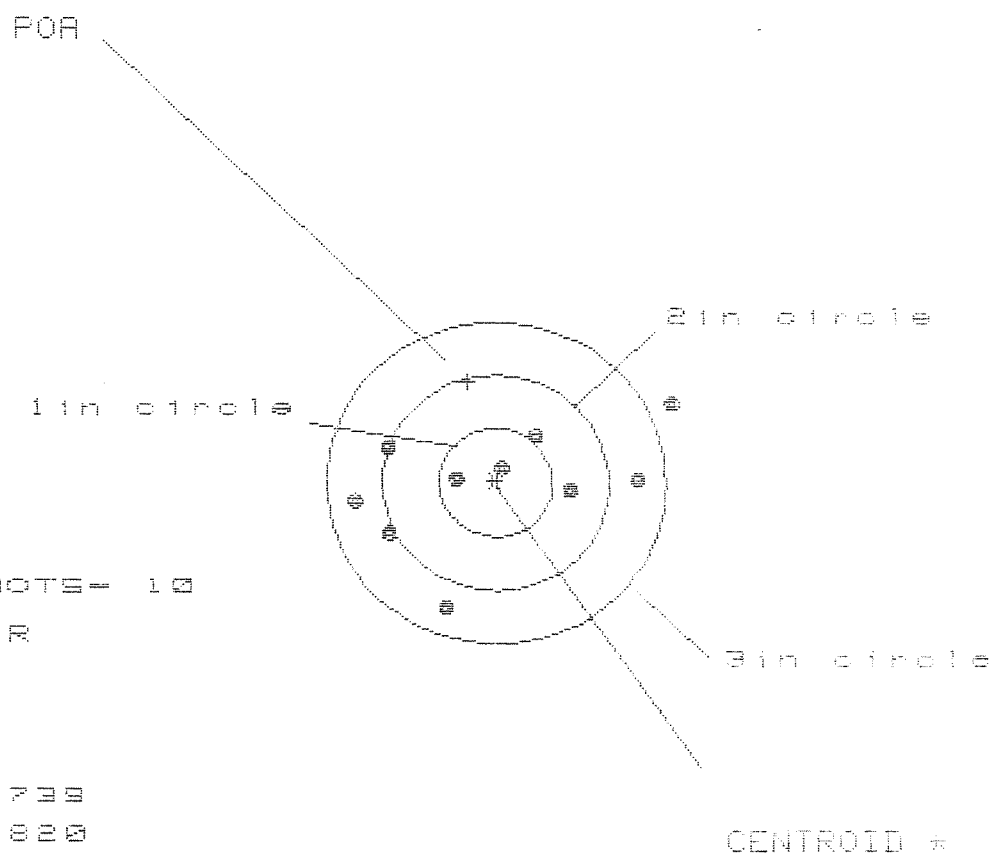
GS= 2.849

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.441	1.021	1.144
MINIMUM X	-1.108	-.948	-.825
MAXIMUM Y	1.332	1.256	.997
MINIMUM Y	-1.255	-1.331	-1.174
CENTROID X	-.104	-.264	-.387
CENTROID Y	-.140	-.064	-.221
POA TO CENTROID in.	.175	.272	.445
MIN RADIUS	.361	.419	.289
MEAN RADIUS	1.078	.999	.893
MAX RADIUS	1.597	1.678	1.639
HORIZONTAL SPREAD	2.549	1.969	1.969
VERTICAL SPREAD	2.587	2.587	2.171
EXTREME SPREAD	2.849	2.849	2.788
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	7		

9 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225054

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 9

HS= 2.739

VS= 1.820

GS= 2.871

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.526	1.376	1.246
MINIMUM X	:	-1.213	-1.044	-1.905
MAXIMUM Y	:	.697	.515	.504
MINIMUM Y	:	-1.123	-1.046	-1.057
CENTROID X	:	.247	.078	.208
CENTROID Y	:	-.938	-1.015	-1.004
POA TO CENTROID in.	:	.970	1.018	1.025
MIN RADIUS	:	.171	.181	.244
MEAN RADIUS	:	.913	.819	.787
MAX RADIUS	:	1.677	1.385	1.254
HORIZONTAL SPREAD	:	2.739	2.420	2.151
VERTICAL SPREAD	:	1.820	1.561	1.561
EXTREME SPREAD	:	2.871	2.432	2.212
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	9		

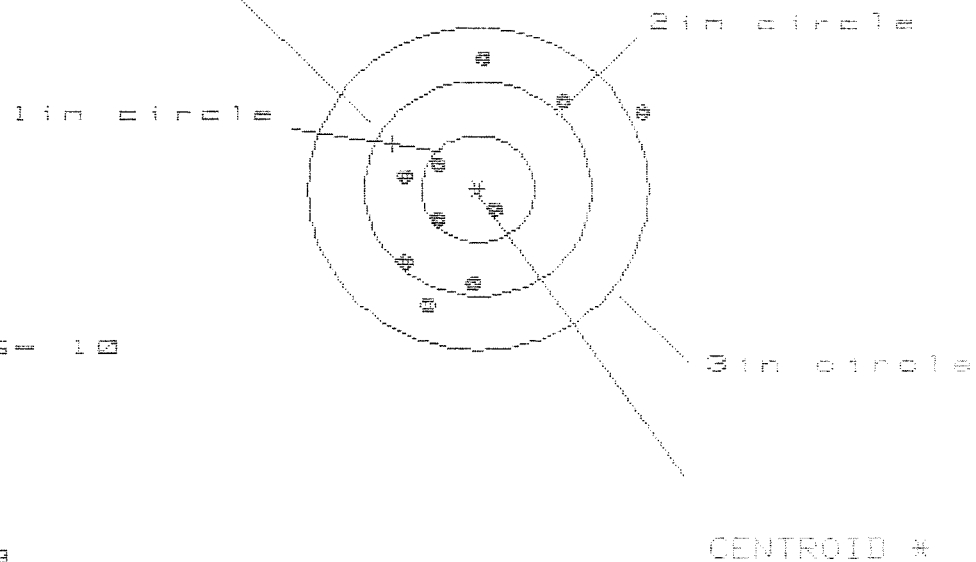
9 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08225054

CENTERFIRE PATTERNS

3

POA



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 6

3 in = 9

HS= 2.103

VS= 2.215

GS= 2.555

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.447	.919	.950
MINIMUM X	-.656	-.496	-.465
MAXIMUM Y	1.181	1.257	1.020
MINIMUM Y	-1.034	-.950	-.801
CENTROID X	.750	.590	.559
CENTROID Y	-.418	-.494	-.651
POA TO CENTROID in.	.859	.769	.858
MIN RADIUS	.212	.280	.187
MEAN RADIUS	.852	.731	.639
MAX RADIUS	1.597	1.280	1.394
HORIZONTAL SPREAD	2.103	1.415	1.415
VERTICAL SPREAD	2.215	2.215	1.821
EXTREME SPREAD	2.555	2.279	2.186
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

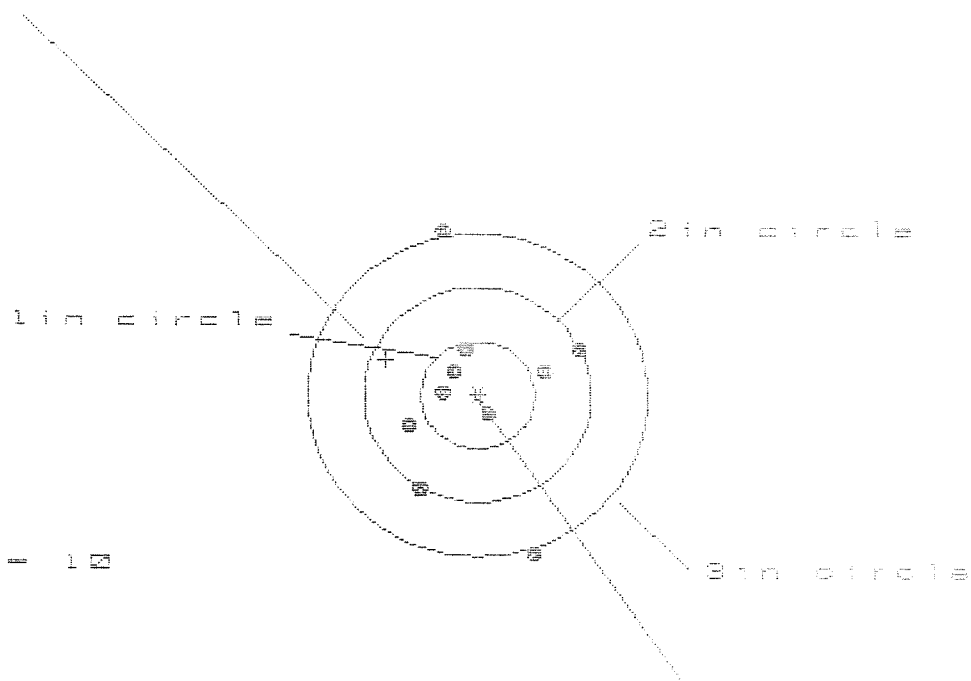
9 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225054

CENTERFIRE PATTERNS

4

POA



OF SHOTS= 10

IN CIR

1 in = 4

2 in = 6

3 in = 0

HS= 1.550

VS= 2.942

GS= 3.041

CENTROID *

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.922	.973	.942
MINIMUM X	-.628	-.577	-.608
MAXIMUM Y	1.480	1.317	.470
MINIMUM Y	-1.462	-1.052	-.887
CENTROID X	.887	.756	.787
CENTROID Y	-.327	-.164	-.329
POA TO CENTROID in.	.871	.773	.853
MIN RADIUS	.221	.189	.228
MEAN RADIUS	.767	.663	.576
MAX RADIUS	1.534	1.341	1.053
HORIZONTAL SPREAD	1.550	1.550	1.550
VERTICAL SPREAD	2.942	2.369	1.357
EXTREME SPREAD	3.041	2.379	1.982
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		8	

9 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225054

CENTERFIRE PATTERNS

5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in - 5

2 in - 8

3 in - 10

HS- 1.864

VS= 2.122

GS= 2.288

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.001
MINIMUM X	-.863
MAXIMUM Y	1.252
MINIMUM Y	-.870
CENTROID X	1.088
CENTROID Y	-.601
POA TO CENTROID in.	1.243
MIN RADIUS	.344
MEAN RADIUS	.709
MAX RADIUS	1.326
HORIZONTAL SPREAD	1.864
VERTICAL SPREAD	2.122
EXTREME SPREAD	2.288
NUMBER IN ONE INCH CIRCLE =	5
NUMBER IN TWO INCH CIRCLE =	8
NUMBER IN THREE INCH CIRCLE =	10

(2) Fax the above transactions to DSN 793-4346.

2640

(3) Electronic Mail <BYNUMJ@RIA.ARMY.MIL>.

d. The above procedures will transfer the accountability of the SWS from the unit to the wholesale system. The SWS will not be repaired and returned to the unit unless the above procedures are followed. Regardless of how the weapon is delivered to the contractor, these procedures "must" be followed.

Mark in accordance with MIL-STD-129.

f. Shipments must be accomplished through the use of "US Registered Mail, Return Receipt Requested." The shipment must be addressed to:

Remington Arms Co., Inc.
ATTN: Fabricated Products Dept.
14 Hoefler Avenue
Ilion NY 13357-1816

BOA No. DAAA09-97-C-0182

After the repair is completed, the items will be returned to the originating unit.

g. In the event US Registered Mail is not available, shipment of SWS must be accomplished through the use of the Defense Transportation System (DTS) and requires Category IV Transportation Protective Service (TPS) in transit. The defective SWS must be shipped to the following address:

Commander
Anniston Army Depot
ATTN: Transportation Officer
Mark For: SDSAN-DSP-WD Bldg 112
Anniston AL 36201-5030

UIC: W31G1Y
DODAAC: W31G1Z

After the repair is completed, the SWS will be returned to the originating unit.

h. Reportable under DODSASP in accordance with chapter 4, AR 710-3, entitled "Asset and Transaction Reporting System." The DODAAC to be used for shipment to Remington Arms Co. Inc. is CMAH2W. "Important" - These procedures do transfer the accountability of the weapon from the unit to ACALA and DODSASP reporting is required. The exception to reporting in

RIC
CKN
DODAAC
CMAH2W

I Lj:

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 00									
MOD I RI M & U I QUANT- SUPPLE- S F DIS- PRO- P RDD A RI O C M E D FROM S I N S IT Y MENTARY I G N TRI- JECT I EEA D R I / O N G N N S I T IT Y ADDRESS G N BU- TION D E D U P / N D T									
A5ABXK EA 2 CMAH2WDGA 05 BXKMF									
 W81UTH90610008A									
 1005012402136									
 BXKEA00002F									
LOCATIONS WVDB1 WEAPNSCAG									
UNIT PRICE DOLLARS CTS 514500 1029000									
DOLLARS CTS 5.00C DATE 99062 6. NMFC 7. FRT DATE 8. CARGO 9. P5									
10. QTY RECD 11. UP 12. UNIT WT 13. U CUBE 14. UPC 15. SL 00105 0007830									
16. FREIGHT CLASSIFICATION NOMENCLATURE									
17. ITEM NOMENCLATURE RIFLE 7.62MM SNIP M24									
18. TY CONT 19. NO CONT 20. TOTAL WEIGHT 21. TOTAL CUBE									
22. RECEIVED BY AND DATE 23. DATE RECEIVED									
TRANSPORTATION FUND SITE: 97X4930.AC56 6D.6D02SM2B70.00_S11116AQ1S MATCAT: MJ1									
EXPEDITE									
E									

Confirmation With Serial Numbers Required.
Sensitive/Pilferable CIIC: 4.

Property Book Item. Requires Signature. DML: D.

24. DOC NO & SUFFIX (30-44)
 25. NSN STOCK NO & RPD (8-22)
 26. RIC (4-5) UIC (23-24) QTY (25-29) LOT CODE (71) CAGE CODE (55-58) DP (74-80)
 27. ROLL DATA
 28. FORM 1348-1A NOV 87 ISSUE RELEASE/RCPT DOCUMENT

 MANIFEST: ROC 99069263 BURLINGTON AIR EXPRESS DATE: 03/10/99
 DELIVERY MANIFEST TIME: 0721
 CARTAGE CO: 003 DEPENDABLE DELIVERY SERVICE PAGE 1 OF 1
 DRIVER: 001 SPECIAL DELIVERY

AIRBILL #	CONSIGNEE	SHIPPER	PIECES	WEIGHT
SEA 2173509	REMINGTON ARMS	TRANS OFFICER	1	26
14 HOEFLER AVE	O	WA ND-03/09	AGT CHGS	C
ILION	NY, 13357			
REF W81UTH90610008ACMT		TIME <u>10:38</u>	RCVD BY <u>[Signature]</u>	1

TOTAL SHIPMENTS = 1 TOTAL PIECES = 1 TOTAL WEIGHT = 26

FREIGHT RCVD [Signature] TIME 07:23 TOTAL AGENT CHARGES _____

MONIES AND RECEIPTS BY _____ TIME _____ DATE APPROVED _____

START MILEAGE 197916 END MILEAGE _____ ELAPSED MILEAGE _____

SECTION III - EQUIPMENT DATA									
5. TYPE MNT REQ CODE		6. ID		7. NSN <i>1445012402136</i>		15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code) See DA Pamphlets 738-750 and 738-751			
8. MODEL <i>M24</i>		9. NOUN <i>Sniper Weapon System 7.62mm.</i>		10a. ORG WON/DOC NO		10b. EIC		15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code) See DA Pamphlets 738-750 and 738-751	
11. SERIAL NUMBER <i>01225059</i>		12. QTY <i>1</i>		13. PD <i>0, 2</i>		16. MILES/KILOMETERS/HOURS/ROUNDS M K		H R	
14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use)						17. PROJECT CODE (if assigned)		18. ACCOUNT PROCESSING CODE	
						19. IN WARRANTY? (enter Y or N)		20. ADMIN NO	
						21. REIMBURSABLE CUSTOMER (if Intransit customer enter Y or N)		22. LEVEL OF WORK	
						23. SIGNATURE			
24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not prescribe repairs) <i>Broken Stock Wheel Adjustment System And Barrel That Has Over</i> <i>8,000 Rds Fired. Accuracy is about 7" at 300 meters</i>									
25. REMARKS <i>(Sight mounts Left on Wpn.)</i> <i>PAC: Mr Ray Fuller Bn DS/GS Armored</i>									

[illegible]

SECTION V - PART REQUIREMENTS												
28a. FILE INPUT ACT CD	28b. TASK NO	28c. ID NO	28d. NSN OR PART NUMBER	28e. SFX CD	28f. QTY RQD	28g. QTY ISSUED	28h. NMCS CD	28i. FAILURE CODE	28j. STORAGE LOCATION	28k. INITIALS	28l. COST \$	
28m. TOTAL MANHOURS			28n. TOTAL MANHOURS COSTS \$		28o. TOTAL PARTS COSTS \$							

SECTION VI - COMPLETION DATA									
29. QTY RPR	30. QTY CONDEMN	31. QTY NRTS	32. EVAC WON	33. EVAC UNIT NAME					

SECTION VII - ACTION SIGNATURES												
34a. SUBMITTED BY <i>Roy Fulk</i>		35a. ACCEPTED BY		35c. DATE 7-04-88		36a. WORK STARTED BY		37a. INSPECTED BY			38a. PICKED UP BY	
34b. DATE 7-04-88	35b. STATUS C	35d. TIME 11:00	36b. STATUS C	36c. DATE 7-04-88	36d. TIME 11:00	37b. STATUS C	37c. DATE 7-04-88	37d. TIME 11:00	38b. STATUS C	38c. DATE 7-04-88	38d. TIME 11:00	



801 West Avenue • Suite 121
Rochester, NY 14611
(716) 235-6890 • Fax: (716) 235-3089

COMBINING EXPRESS DELIVERY
WITH QUALITY SERVICE

DATE

3-10-99

Nº 8701

SHIPPER BAX		CONSIGNEE Remington ARM		CHARGES WILL BE COLLECTED UNLESS OTHERWISE INDICATED	
ZIP CODE		ZIP CODE		PREPAID	COLLECT
BILL TO C.S.S.		SPECIAL INSTRUCTIONS		CHARGES	
ZIP CODE		RECEIVED MAR 10 1999 REMINGTON ARMS		COD	
AWB #		AUTHORIZATION (0723)		COD FEE	
PIECES		CONTENTS		PICKUP	
197976				DELIVERY	
L		W		WEIGHT	
				FREIGHT CHARGE	
				WAITING TIME	
				SPECIAL	
				RECOVER	
				SURCHARGE	
SHIPPER SIGNATURE		DRIVER Roger		CONSIGNEE SIGNATURE J. J. J. J.	
DATE 3-10-99		DATE 3-10-99		RECEIVED IN GOOD ORDER	
TIME 07:00		TIME 07:00		PRINT CONSIGNEE NAME J. J. J. J.	
				DECLARED VALUE: \$	
				Unless a greater value is declared, the shipper agrees and declares that the value of the property is released to an amount not exceeding \$50.00 for any shipment of more than 100 pounds or more and not exceeding 50 cents per pound for shipments weighting less than 100 pounds.	
				TOTAL	

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225054
22 Apr 1999

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0256
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0944
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0978096

THE AMR FOR THIS RIFLE IS: 1.143

CENTROIDAL DISTANCES

0 TO	1	.168585
1 TO	2	.126621
1 TO	3	.296827
1 TO	4	.410557
1 TO	5	.381367

2 1 3 4
5
-----POA

PATTERN #: ☐ 1 ☐

POA TO CENTROID: .169

MIN RADIUS : .360

MEAN RADIUS : 1.029

MAX RADIUS : 2.183

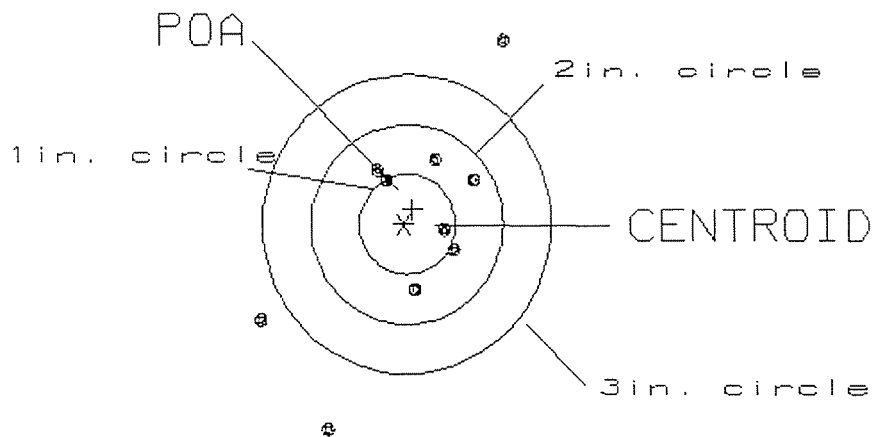
CENTROID X : -.086

CENTROID Y : -.145

22 Apr 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225054

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.49

2

VS= 3.87

7

GS= 4.25

7

PATTERN #: 2

POA TO CENTROID: .293

MIN RADIUS : .359

MEAN RADIUS : 1.379

MAX RADIUS : 2.474

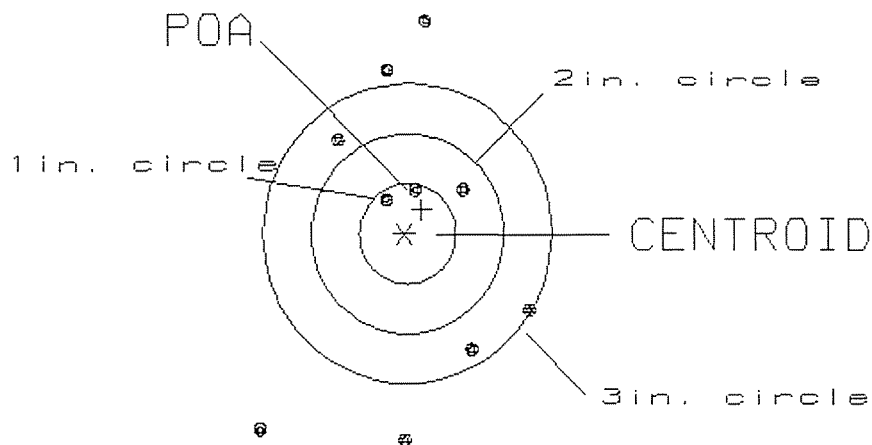
CENTROID X : -.173

CENTROID Y : -.237

22 Apr 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225054

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.78

2

VS= 4.20

3

GS= 4.46

6

PATTERN #: ☐ 3 ☐

POA TO CENTROID: .129

MIN RADIUS : .320

MEAN RADIUS : 1.256

MAX RADIUS : 2.261

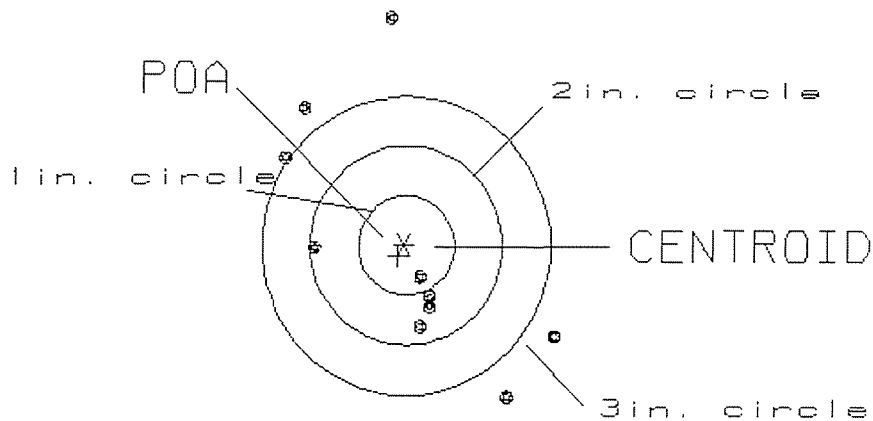
CENTROID X : .059

CENTROID Y : .114

22 Apr 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225054

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.81

1

VS= 3.72

5

GS= 3.91

5

PATTERN #: 4

POA TO CENTROID: .242

MIN RADIUS : .490

MEAN RADIUS : 1.309

MAX RADIUS : 1.906

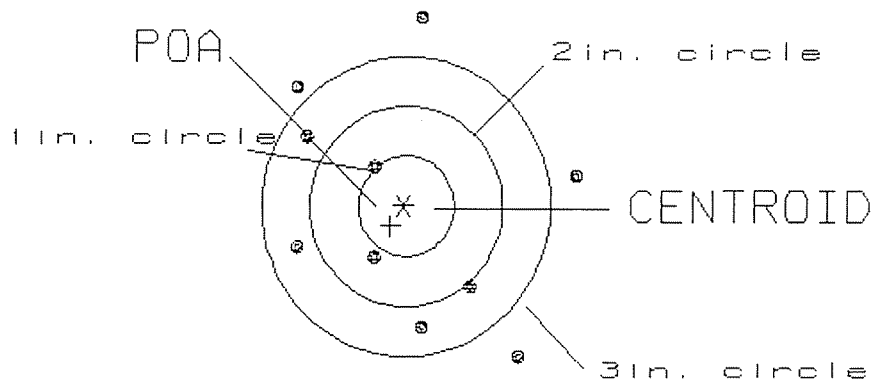
CENTROID X : .135

CENTROID Y : .201

22 Apr 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225054

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.91

1

VS= 3.39

2

GS= 3.56

6

PATTERN #: ☐ 5 ☐

POA TO CENTROID: .449

MIN RADIUS : .245

MEAN RADIUS : .744

MAX RADIUS : 1.535

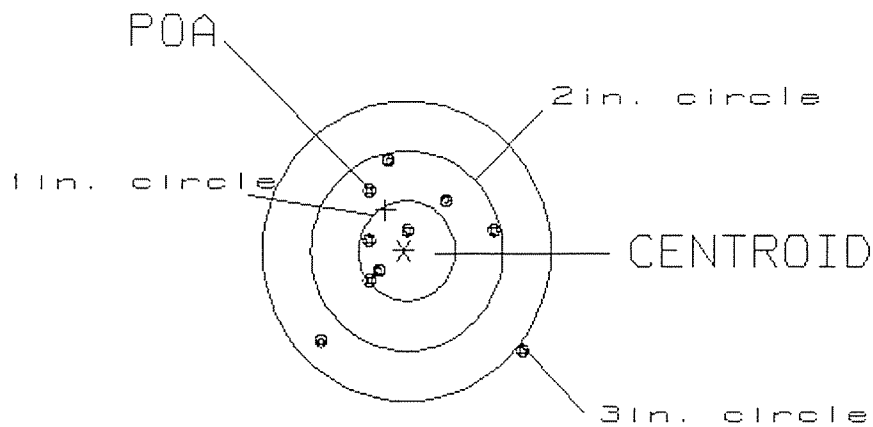
CENTROID X : .193

CENTROID Y : -.405

22 Apr 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225054

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.09

4

VS= 1.84

6

GS= 2.29

9