

G-6360920
Replace
C-6225226

Repair Number: RE00085938

Serial: C6225226 Model: M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair:

Status:

Closed 10/4/2004 10:57:14 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: TRANSPORTATION OFFICER

TRANSPORTATION OFFICER

Address 1: SENSITIVE STORAGE

SENSITIVE STORAGE

Address 2: BLDG 9660

PO Box:

BLDG 9660

PO Box:

City: FORT LEWIS

FORT LEWIS

State: WA

Zip Code: 98433

Country: US

State: WA

Zip Code: 98433

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: 253 967 5516

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Studs	3
A017	Scope Bases	3

Repair Search

Refresh

Close

magletj

10/4/2004

11:26 AM

CAPS

NUM

HNS

SCPL

start

3

4

Arms Services Repair

4

4

Serial Number:

C6225226

Model: M24 SWS



RE00085938

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6360920.___0

FILE DATE AND TIME: 11/08/2004 02:40

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.029
The Average Y Centroid of the Five Target Set:	0.016
The Average Point of Impact of the Five Target Set:	0.033
The Average Mean Radius of the Five Target Set:	0.573
The Distance from POA to Centroid Target #1:	0.111
The Distance from Centroid Target #2 to Centroid Target #1:	0.020
The Distance from Centroid Target #3 to Centroid Target #1:	0.597
The Distance from Centroid Target #4 to Centroid Target #1:	0.116
The Distance from Centroid Target #5 to Centroid Target #1:	0.057

BARBER - M24 0083851

SERIAL NUMBER: G6360920. __0

TARGET NUMBER: 1

FILE DATE: 11/08/2004

FILE TIME: 02:40

X CENTROID: -0.102

Y CENTROID: -0.043

POA TO CENTROID: 0.111

HORZ SPREAD: 1.232

VERT SPREAD: 2.533

GROUP SPREAD: 2.534

MIN RADIUS: 0.242

MAX RADIUS: 1.433

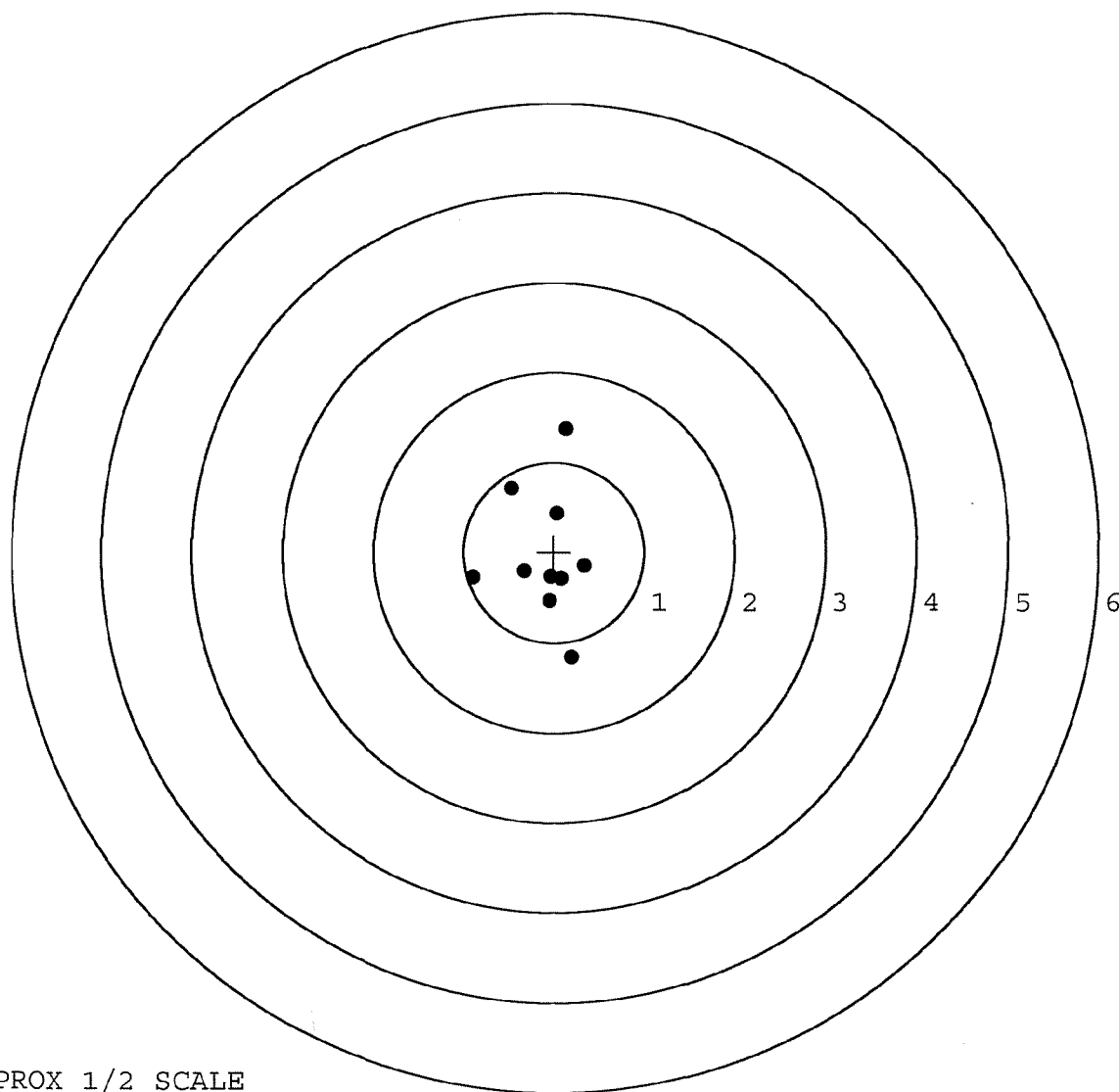
MEAN RADIUS: 0.654

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.198	-1.163
2:	-0.053	-0.543
3:	-0.330	-0.215
4:	0.080	-0.298
5:	0.334	-0.159
6:	0.028	0.428
7:	-0.474	0.708
8:	0.133	1.370
9:	-0.898	-0.285
10:	-0.035	-0.276



TARGET APPROX 1/2 SCALE

BARBER - M24 0083852

SERIAL NUMBER: G6360920. __0

TARGET NUMBER: 2

FILE DATE: 11/08/2004

FILE TIME: 02:40

POINT#	X	Y
1:	-1.034	-0.718
2:	-0.403	-0.064
3:	-0.393	0.123
4:	-0.202	-0.080
5:	0.066	-0.262
6:	0.206	-0.486
7:	0.461	-0.017
8:	0.220	0.281
9:	-0.059	0.428
10:	0.020	0.537

X CENTROID: -0.112

Y CENTROID: -0.026

POA TO CENTROID: 0.115

HORZ SPREAD: 1.495

VERT SPREAD: 1.255

GROUP SPREAD: 1.651

MIN RADIUS: 0.105

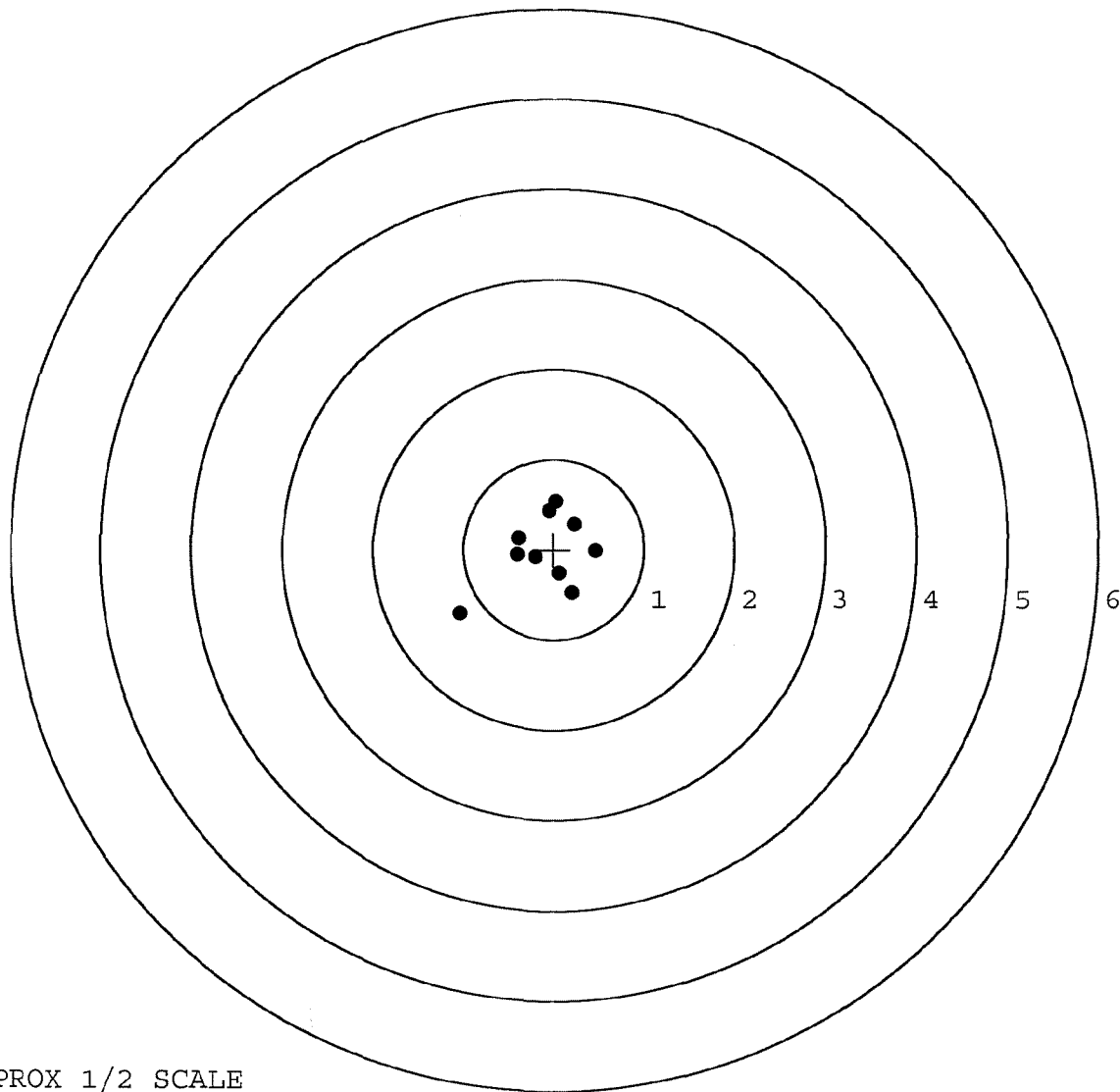
MAX RADIUS: 1.153

MEAN RADIUS: 0.478

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0083853

SERIAL NUMBER: G6360920. 0

TARGET NUMBER: 3

FILE DATE: 11/08/2004

FILE TIME: 02:40

POINT#	X	Y
1:	-0.756	0.437
2:	-0.356	0.367
3:	0.006	-0.817
4:	0.348	-0.107
5:	0.390	0.405
6:	0.641	0.343
7:	0.906	0.760
8:	0.997	0.072
9:	0.937	-0.036
10:	1.696	-0.572

X CENTROID: 0.481

Y CENTROID: 0.085

POA TO CENTROID: 0.488

HORZ SPREAD: 2.452

VERT SPREAD: 1.577

GROUP SPREAD: 2.651

MIN RADIUS: 0.234

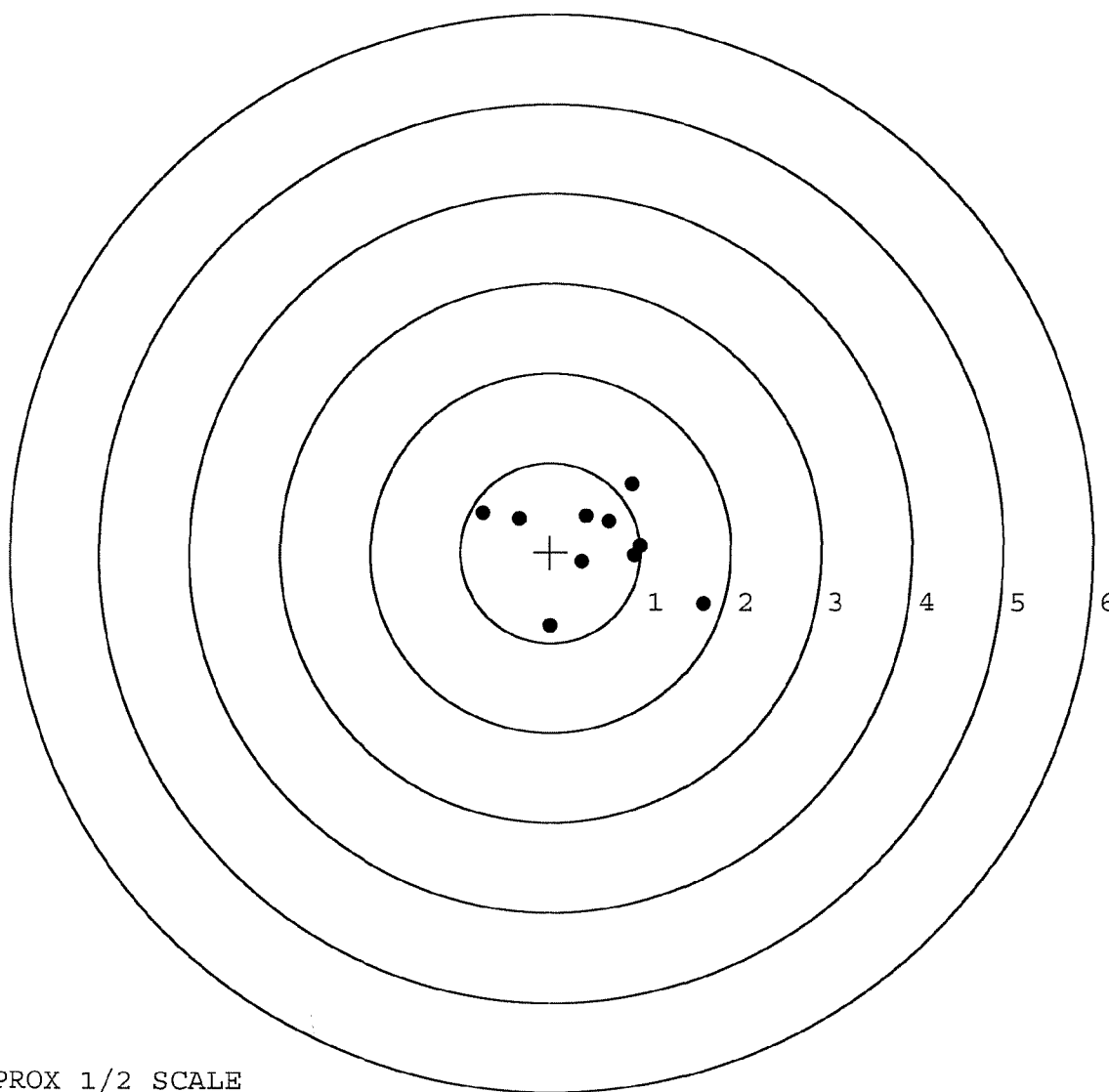
MAX RADIUS: 1.381

MEAN RADIUS: 0.723

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0083854

SERIAL NUMBER: G6360920.____0

TARGET NUMBER: 4

FILE DATE: 11/08/2004

FILE TIME: 02:40

POINT#	X	Y
1:	-0.562	-0.008
2:	-0.217	0.052
3:	-0.428	0.230
4:	-0.341	0.270
5:	-0.114	0.277
6:	0.033	0.625
7:	0.144	0.080
8:	0.676	0.400
9:	0.241	-0.435
10:	0.061	-0.886

X CENTROID: -0.051

Y CENTROID: 0.060

POA TO CENTROID: 0.079

HORZ SPREAD: 1.238

VERT SPREAD: 1.511

GROUP SPREAD: 1.511

MIN RADIUS: 0.167

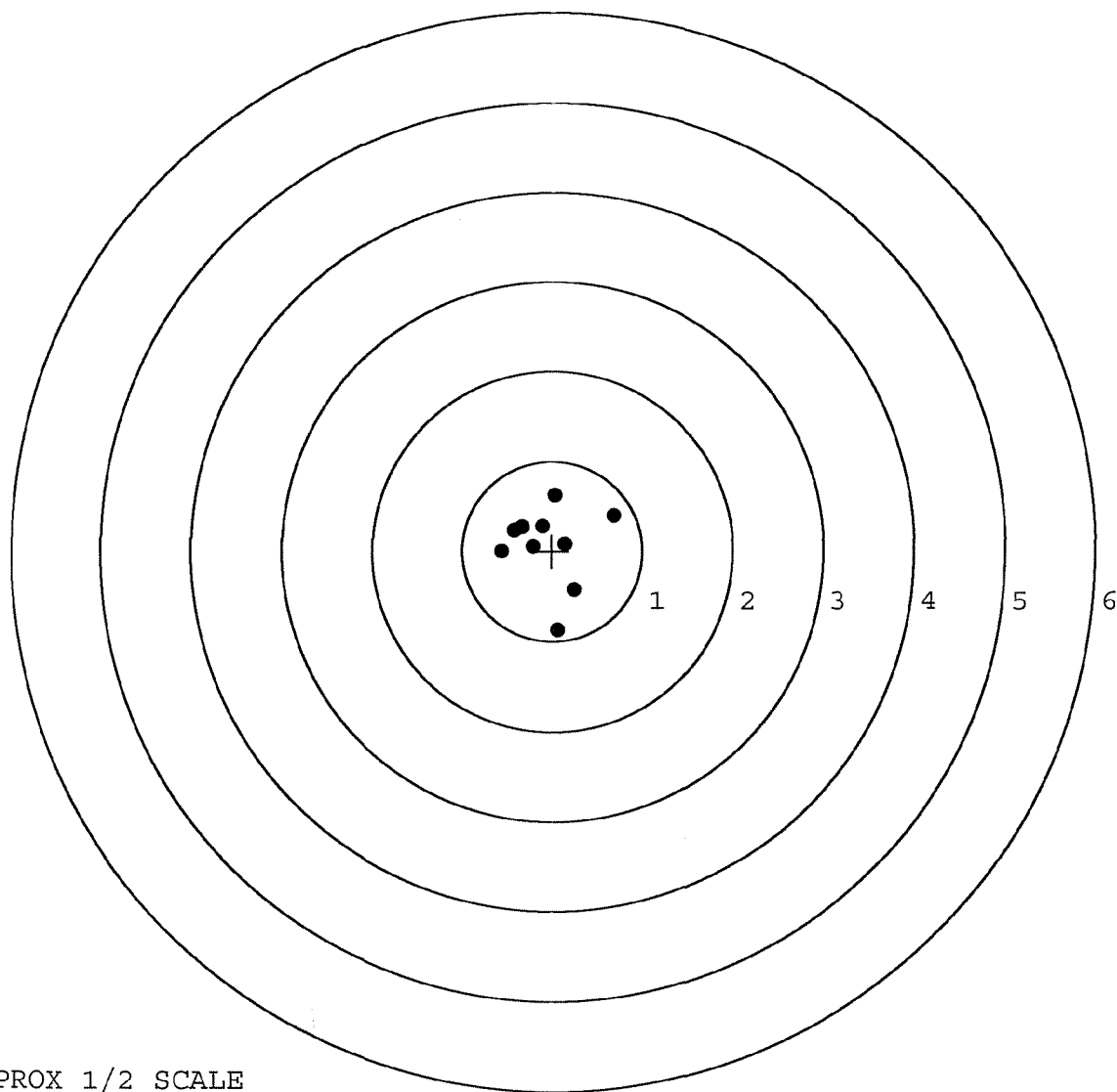
MAX RADIUS: 0.953

MEAN RADIUS: 0.478

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



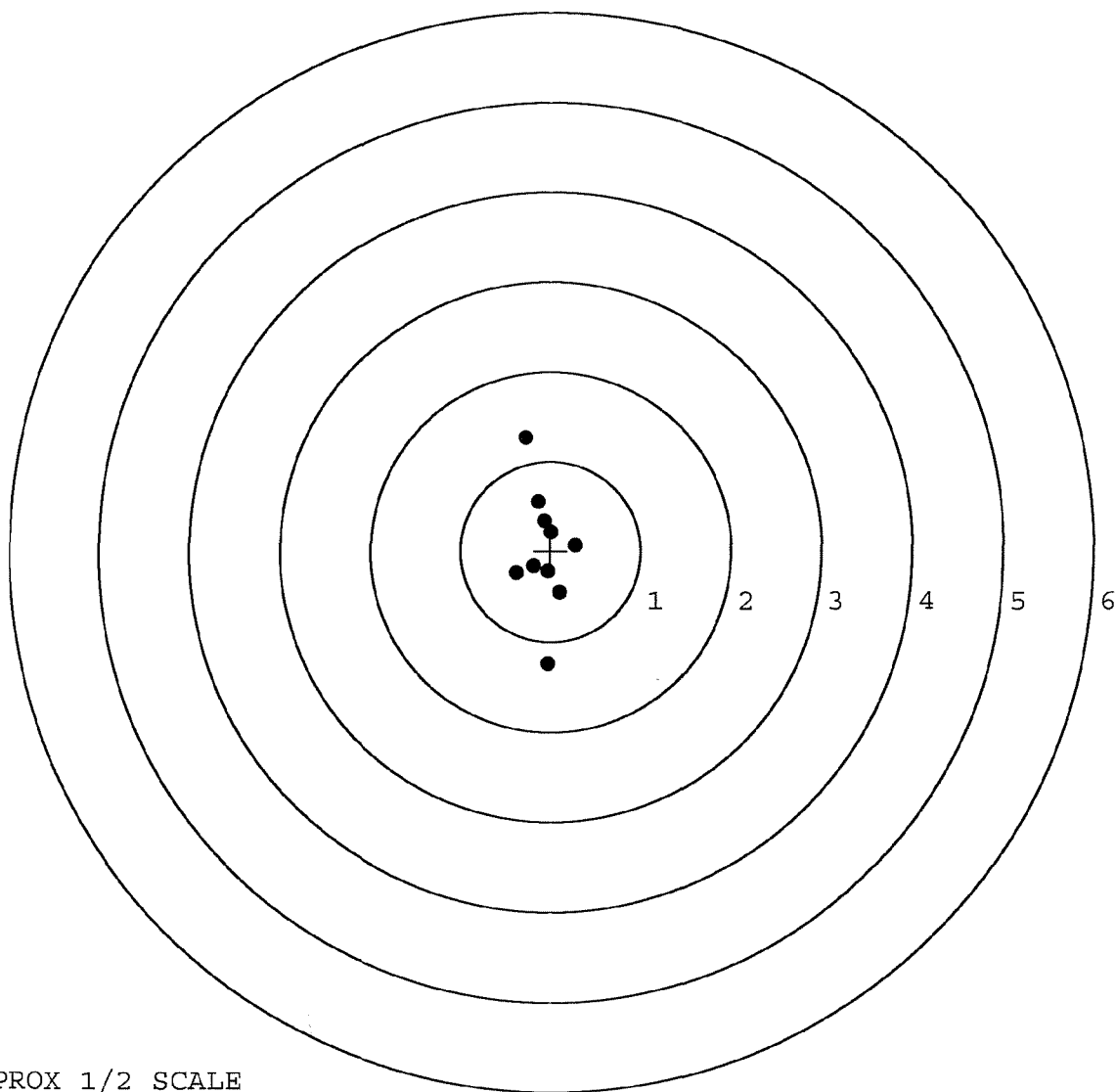
TARGET APPROX 1/2 SCALE

BARBER - M24 0083855

SERIAL NUMBER: G6360920. 0
 TARGET NUMBER: 5
 FILE DATE: 11/08/2004
 FILE TIME: 02:40

POINT#	X	Y
1:	-0.380	-0.252
2:	-0.190	-0.167
3:	-0.031	-0.231
4:	0.106	-0.466
5:	0.277	0.066
6:	0.013	0.209
7:	-0.068	0.334
8:	-0.140	0.548
9:	-0.283	1.266
10:	-0.032	-1.251

X CENTROID: -0.073
 Y CENTROID: 0.006
 POA TO CENTROID: 0.073
 HORZ SPREAD: 0.657
 VERT SPREAD: 2.517
 GROUP SPREAD: 2.529
 MIN RADIUS: 0.209
 MAX RADIUS: 1.278
 MEAN RADIUS: 0.534
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

R & E NUMBER	85938		
SERIAL NUMBER	C6225226 C6360920(Nm)		
LOG-IN DATE	10-4-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-13-04	RTL
560 A	RE-BARREL	10-14-04	RTL
B	DRILL AND TAP	10-19-04	TRW
575	ASSEMBLE	10-15-04	RTL
600	PROOF	10-18-04	RTL
605	CHECK HEADSPACE	10-18-04	RTL
610	DIS-ASSEMBLE GUN	10-19-04	RTL
612	MAGNAFLUX	OPERATOR	
615	ROLLMARK CALIBER	10/20/04	LB
618	ROTO-BLAST	10-22-04	LB
620	APPLY COATINGS	10/26/04	HP
625 A	FINAL ASSEMBLY	11-1-04	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	11-6-04	RTL
655	FINAL INSPECT	11-8-04	RT
660	PACK	11-8-04	DA
		SHIP DATE	
QAR INSPECTION DATE			

INITIAL FPS	CUSTOMER ORDER NO.	M-24 SNIPER				
DATE RECEIVED 08/29/94	DATE OPENED 08/30/94	DATE CODE	SERIAL NUMBER C62252280	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

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			

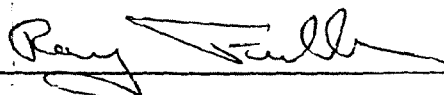
MAIN FAULT

New Barrel

PARTS	COMMENTS				
Barrel 96003	Repower Coat Trigger Guard Assy. Front & Rear Sight Bases Rezink Scope Base, Rings & Swivel Studs				
REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
RW	✓	✓	✓	✓	
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
RW	9/1/94	9/13/94	9/13/94	9/13/94	

OFFICE COPY

RD6925 REV. 1/94

BARBER - M24 0083858 PACKING LIST		PACKED BY <i>Mr. Ray Fuller</i> <i>WG-10 Bin Armorer.</i>	1. NO. BOXES <i>1</i>	2a. REQUISITION NO. <i>94241</i>	
			2b. ORDER NO.		
3. END ITEM <i>7.62mm 1124 Sniper Weapons System (SW5)</i>			4. DATE <i>26 July 1994</i>		
			5. PAGE <i>1</i> OF <i>1</i> PAGES		
BOX NO. (a)	CONTENTS - STOCK NUMBER AND NOMENCLATURE (b)	UNIT OF ISSUE (c)	QUANTITIES REQUIRED		
			INITIAL OPERATION (d)	RUNNING SPARES (e)	TOTAL (f)
	<i>7.62mm 1124 Sniper Weapon System (SW5) Serial No. <u>C6225220</u></i> <i>NSN: 1005-01-240-2136</i> <i>Note: All Optic Scope Ring mounts Packed</i>	<i>Ea</i>			<i>1</i>
6. THIS CERTIFIES THAT ITEMS LISTED HEREON ARE WITHIN THE SPECIFIED BOXES					
TYPED NAME AND TITLE <i>Ray Fuller WG-10 Bin Armorer</i>			SIGNATURE 		

DD FORM 1 SEP 70 1750

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0083858 **M2400983897**

MAINTENANCE REQUEST				PAGE NO <i>1</i>		NO OF PAGES		REQUIREMENTS CONTROL SYMBOL CSGLD - 1047(R1)			
For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG											
SECTION I - EQUIPMENT DATA											
CONTROL NUMBER		WORK ORDER NO. <i>94241</i>			WESDC		ORG. PD <i>02</i>		PD AUTHENTICATION <i>[Signature]</i>		
☒ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION <i>Bn Arms HAC</i> <i>2/75 Rgr Rgt</i>			B. LOCATION <i>Fort Lewis Wa</i>				C. UNIT IDENT CODE <i>WH3M917</i>		
2. SERIAL NO. <i>C6225220</i>		3. NOUN NOMENCLATURE <i>M24 SWF</i>			4. LINE NO.		5. MODEL <i>1724</i>		6. NATIONAL STOCK NUMBER <i>1005-01-240-2136</i>		
7A. MAINTENANCE ACTIVITY <i>Remington Arms Co</i> <i>Condition Repair</i>		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.		☒ C Test		☐ E Storage		☐ G Flight		☐ 068 Inoperative		☐ 258 Overheating	
☐ B Handling		☐ D Normal Op		☐ F Inspection		☐ H Other		☐ 008 Noisy		☐ 387 Low Performance	
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs). <i>This weapon has fired over 10,000 Rds. During Bench Rest Test Fire at 200/300 Yds, groups were shot exceeding the extreme of 2.6" at 200 to 3.8" at 300 Yds (5-105 Lot Groups). The extreme was provided me by Mr. Jim Glenn ARDCE DSN 880-7071</i>											
B. REMARKS <i>Request Re-Barreling and Complete Weapon Reconditioning</i>											
SECTION II - WORK ACCOMPLISHED											
17A. REPAIR ORGANIZATION/ACTIVITY				C. UNIT IDENT. CODE				18. TYPE ORGANIZATION/ACTIVITY ACCOMPLISHING WORK (Select one - use ☒ or X)			
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 <i>Ray Fulk</i>		24. RECEIVED BY		25. WORK STARTED BY		26. INSPECTED BY		27. ACCEPTED BY		28. DISPOSITION (Select One)	
JULIAN DATE <i>4235</i>		JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE		☐ A To User ☐ D Evacuated ☐ B To Stock ☐ E Cannibalization ☐ C Salvaged	

Final Inspection

Sn: C6225226

DATE REC'D: 8/29/94

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:

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225226
15 Sep 1994

CENTROIDAL DISTANCES

0 TO	1	.255441
1 TO	2	.557754
1 TO	3	.435332
1 TO	4	.433518
1 TO	5	.297257

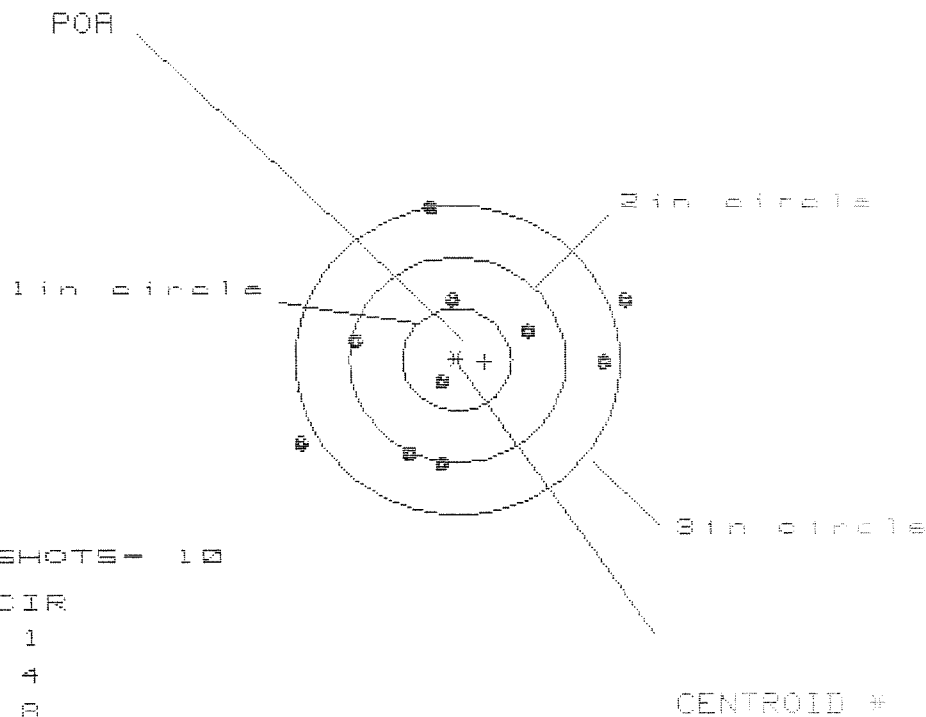
$\frac{3}{514}$ -----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1286
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .073
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .147875
THE AMR FOR THIS RIFLE IS: .996

15 Sep 1994

FILE:/PATTERNING/CENTERFIRE_PATT/08225226

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 5

HS= 2.980

VS= 2.497

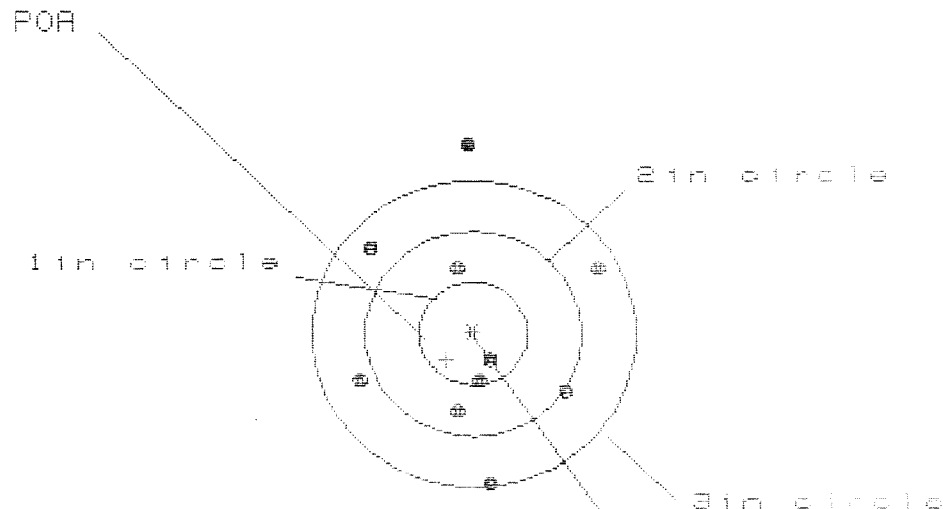
GS= 3.276

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.524	1.363	1.318
MINIMUM X	-1.456	-1.141	-0.971
MAXIMUM Y	1.457	1.370	1.430
MINIMUM Y	-1.040	-1.127	-1.067
CENTROID X	-.255	-.094	-.264
CENTROID Y	.015	.102	.042
POA TO CENTROID in.	.256	.139	.267
MIN RADIUS	.305	.479	.322
MEAN RADIUS	1.076	1.008	.934
MAX RADIUS	1.655	1.447	1.446
HORIZONTAL SPREAD	2.980	2.504	2.289
VERTICAL SPREAD	2.497	2.497	2.497
EXTREME SPREAD	3.276	2.532	2.499
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	5		

15 Sep 1994

FILE:/PATTERNING/CENTERFIRE_PATT/08225226

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS= 2.212

VS= 3.361

GS= 3.366

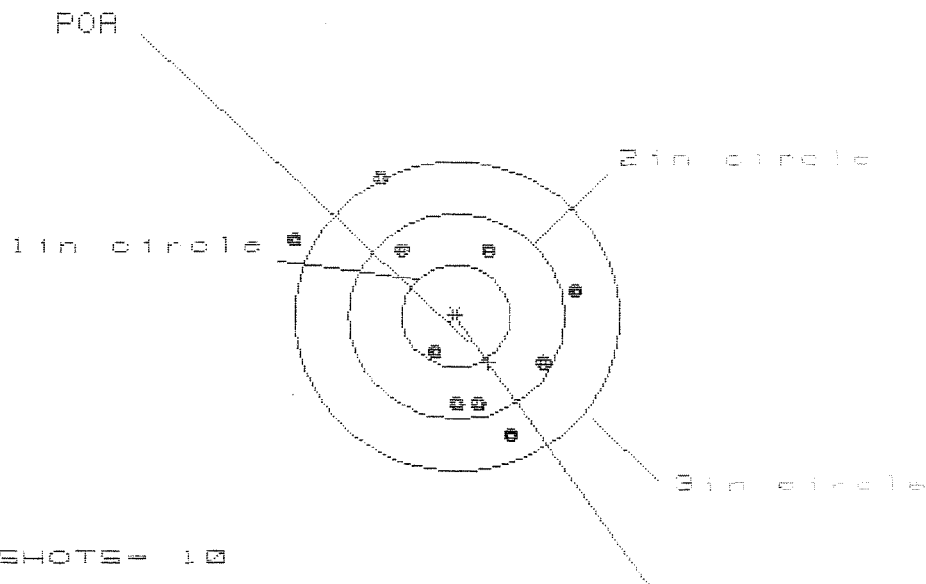
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.139	1.137	1.158
MINIMUM X	:	-1.073	-1.075	-1.054
MAXIMUM Y	:	1.879	1.039	.880
MINIMUM Y	:	-1.482	-1.273	-1.700
CENTROID X	:	.248	.250	.229
CENTROID Y	:	.256	.047	1.206
POR TO CENTROID in.	:	.356	.254	.308
MIN RADIUS	:	.331	.171	.298
MEAN RADIUS	:	1.037	.892	.866
MAX RADIUS	:	1.879	1.435	1.331
HORIZONTAL SPREAD	:	2.212	2.212	2.212
VERTICAL SPREAD	:	3.361	2.312	1.580
EXTREME SPREAD	:	3.366	2.584	2.444
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

15 Sep 1994

FILE:/PATTERNING/CENTERFIRE_PATT/08285228

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 6

3 in = 9

HS = 2.573

VS = 2.482

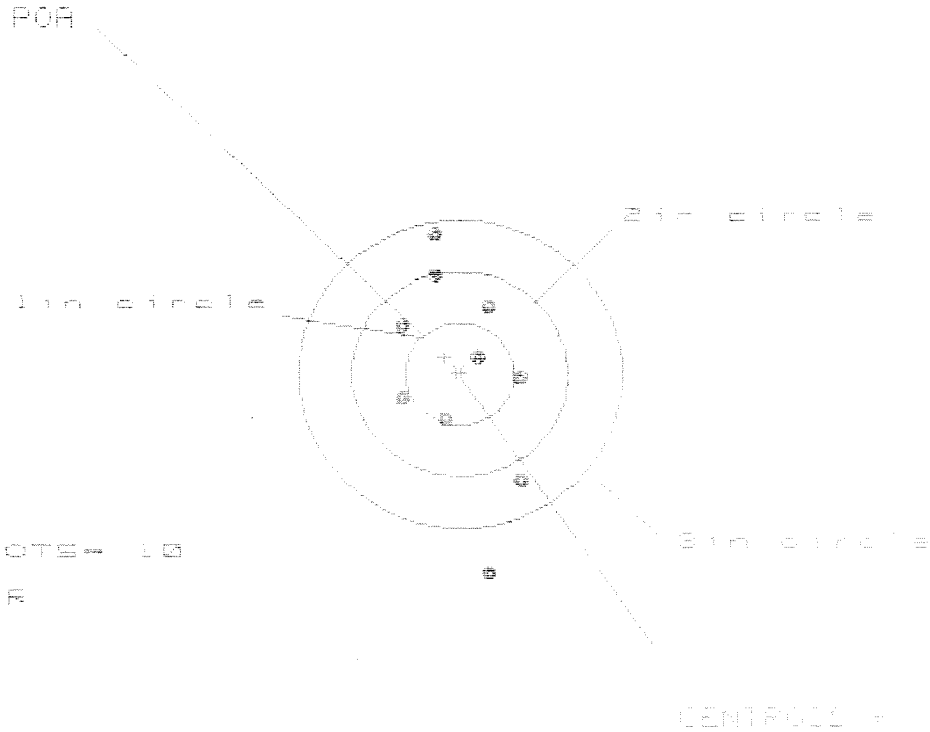
GS = 2.785

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.090
MINIMUM X	-1.483
MAXIMUM Y	1.308
MINIMUM Y	-1.174
CENTROID X	-0.300
CENTROID Y	.448
POA TO CENTROID in.	.539
MIN RADIUS	.418
MEAN RADIUS	1.007
MAX RADIUS	1.682
HORIZONTAL SPREAD	2.573
VERTICAL SPREAD	2.482
EXTREME SPREAD	2.785
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	6
NUMBER IN THREE INCH CIRCLE =	9

15 Sep 1984

FILE:/PATTERNING/CENTERFIRE_PATT/06285826

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIE

1in = 2

2in = 7

3in = 9

HS= 1.101

VS= 3.255

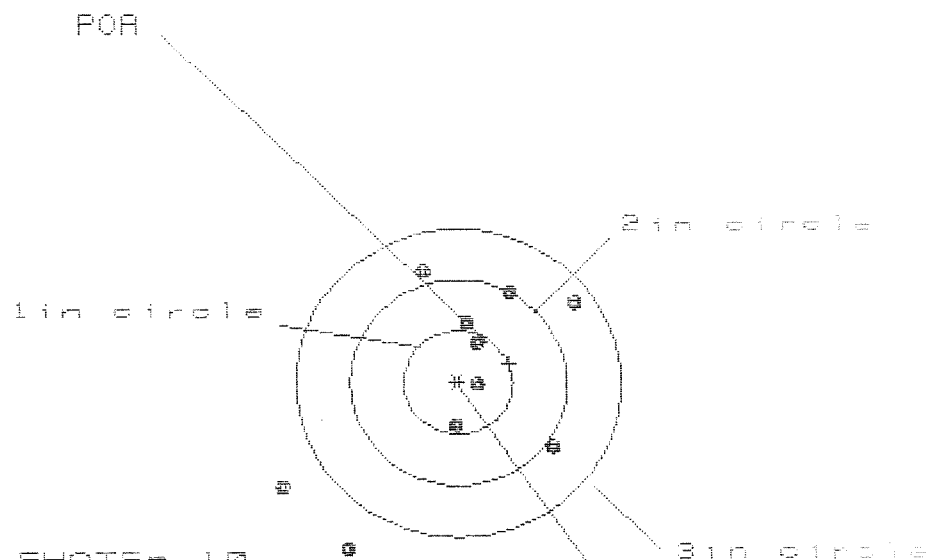
QS= 3.298

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.548	.564	.536
MINIMUM X	-.561	-.537	-.563
MAXIMUM Y	1.340	1.128	.879
MINIMUM Y	-1.915	-1.241	-1.101
CENTROID X	.138	.114	.142
CENTROID Y	-.168	.044	-.096
POA TO CENTROID in.	.215	.122	.172
MIN RADIUS	.256	.181	.201
MEAN RADIUS	.866	.721	.664
MAX RADIUS	1.928	1.354	1.213
HORIZONTAL SPREAD	1.101	1.101	1.101
VERTICAL SPREAD	3.255	2.369	1.979
EXTREME SPREAD	3.298	2.491	2.101
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

15 Sep 1984

FILE:/PATTERNING/CENTERFIRE_PATT/08225226

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 3

2in = 4

3in = 3

HS= 2.717

VS= 2.686

GS= 3.293

CENTROID *

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.083
MINIMUM X	-1.634
MAXIMUM Y	1.107
MINIMUM Y	-1.579
CENTROID X	-.474
CENTROID Y	-.186
POA TO CENTROID in.	.509
MIN RADIUS	.165
MEAN RADIUS	.994
MAX RADIUS	1.949
HORIZONTAL SPREAD	2.717
VERTICAL SPREAD	2.686
EXTREME SPREAD	3.293
NUMBER IN ONE INCH CIRCLE =	3
NUMBER IN TWO INCH CIRCLE =	4
NUMBER IN THREE INCH CIRCLE =	3

CONTRACT # DAAA21-87-C-0086

New Barrel

GUN SERIAL # C6225226

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		9/1/94	RW
600	Proof		9/1/94	RW
607	Check Headspace		9/1/94	RW
610	Dis-assemble Gun		9/1/94	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		9/2/94	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/2/94	RW
	C) Inspect Ejector Hole for Chamfer		9/2/94	RW
	D) Oil Firing Pin Ass'y		9/2/94	RW
	E) Adjust Trigger Pull to Min Setting and Stake		9/2/94	RW

op. #	OP. NAME	READINGS	DATE	INIT
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		9/12/94	WB
	A) Time		9/12	WB
	B) Malfunctions		9/12 OK	WB
	C) Pierced Primers		9/12 OK	WB
	D) Optical Clarity of Scope		9/12 OK	WB
645	Inspect for Live Ammo		9/12/94	RW
655	Final Inspection			
	A) Headspace		9/14/94	RW
	B) Trigger Pull	2.50 2.67 2.66 2.70 2.69	9/14/94	RW
	C) Function		9/14/94	RW
660	Pack			

MAINTENANCE REQUEST For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG				PAGE NO	NO OF PAGES	REQUIREMENT CONTROL SYMBOL CSGLD-1047(R1)	
SECTION I - CUSTOMER DATA				SECTION II - MAINTENANCE ACTIVITY DATA			
1a. UIC CUSTOMER 43 MA, A	1b. CUSTOMER UNIT NAME HHC 2/5 RGR. RGT.	1c. PHONE NO 967-8055	3a. WORK ORDER NUMBER (WON)	3b. SHOP	3c. PHONE NO		
2a. SAMS-2 UIC/SAMS-I/TDA	2b. UTILIZATION CODE	2c. MCSR	4a. UIC SUPPORT UNIT	4b. SUPPORT UNIT NAME			
SECTION III - EQUIPMENT DATA							
5. TYPE MINT REQ CODE	6. ID	7. NSN	15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code) See DA Pamphlets 738-750 and 738-751				
8. MODEL M724	9. NOUN Sniper Weapons System		15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code) See DA Pamphlets 738-750 and 738-751		16. MILES/KILOMETERS/HOURS/ROUNDS M K		
10a. ORG WON/DOC NO 218121511010	10b. EIC		H R				
11. SERIAL NUMBER 6225226	12. QTY 1	13. PD 015	17. PROJECT CODE (if assigned)	18. ACCOUNT PROCESSING CODE	19. IN WARRANTY? (enter Y or N)	20. ADMIN NO	
14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use)			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) Bolt does not stay in when recocking or pulling							
25. REMARKS Bolt to the rear. Barrel Groups are over 6" at 300 meters Sight Mount Left On. PUC: Mr Ray Fuller B.A. DSN: 357-8055							
PREPARATION INSTRUCTIONS FOR THIS PAGE							
SECTION I			SECTION III (Cont'd)				
Block 1a. Enter UIC of submitting organization. Block 1b. Enter name of submitting organization. Block 1c. Enter number to be called when maint. is completed. Block 2a. Enter UIC of supporting SAMS-2/SAMS-I/TDA if work is requested while intransit and away from your support maintenance unit. Block 2b. Enter utilization code. See DA Pamphlets 738-750 and 738-751. Block 2c. Enter "Y" if reportable under AR 700-138. If not, leave blank.			Block 12. Enter the quantity of items being submitted. Block 13. Enter the maintenance priority designator determined from DA PAM 710-2-1. Block 14. For DSU, GSU/AVIM, DEPOT use. Block 15a. Enter the code that most accurately describes when the fault or deficiency was detected. See DA Pamphlets 738-750 and 738-751. Block 15b. Select one. Enter the code. See DA Pamphlets 738-750 and 738-751. Block 16. Enter the accumulated usage data in blocks, when equipment is subject to usage reporting. Block 17. Enter the project code if one has been assigned. If not, leave blank. Block 18. See DA Pamphlets 738-750 and 738-751. Block 19. Enter "Y" or "N" to indicate whether equipment is still under manufacturer's warranty. Block 20. Enter the admin number assigned for property control purposes for the equipment being submitted. Block 21. For DSU/GSU/AVIM/Depot use. Block 22. Enter level of work performed "O" for UNIT LEVEL/AVUM, "F" for DSU/AVIM, "H" for GSU, "D" for DEPOT, "K" for contractor or "L" for Spc Rpr Act. Block 23. Enter the signature of the CO or the CO's designated representative when the priority designator is 01-10. For priority designators 11-15, leave blank. Block 24. Enter a brief description of the deficiencies or symptoms that you feel require attention at this level of maint. Block 25. Self-explanatory.				
SECTION II							
Leave blank. To be completed by the support maintenance DSU/GSU/AVIM/DEPOT.							
SECTION III							
Block 5. Enter the Type Maintenance Request Code. See DA Pamphlets 738-750 and 738-751. Block 6. Enter ID associated with block 7. See DA Pamphlets 738-750 and 738-751. Block 7. Enter the NSN or stock number of the item being submitted. Block 8. Enter model of item being submitted. Block 9. Enter noun/nomenclature of item being submitted. Block 10a. Enter Work Order Number (WON)/DOC NO assigned when item is submitted. Otherwise, leave blank. Block 10b. Enter End Item Code. See AMDF. Block 11. Enter serial number of item being submitted.							
34a. SUBMITTED BY Ray Fuller	35a. ACCEPTED BY	35c. DATE					
34b. DATE 8061	35b. STATUS	35d. TIME					
			Block 34a. Enter first initial and last name of submitter. Block 34b. Enter ordinal date submitted (YYDDD). Block 35a. Enter first initial and last name of person accepting maint. request. Block 35b. Enter the initial status. See DA Pamphlets 738-750 and 738-751. Block 35c. Enter ordinal date accepted (YYDDD). Block 35d. Enter military time.				

A FORM 2407, JUL 94

PREVIOUS EDITIONS OF DA FORM 2407 AND DA FORM 5504 ARE OBSOLETE

RECEIPT COPY 1

BARBER - M24 0083872

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225226
29 May 1998

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0226
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2356
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .236681

THE AMR FOR THIS RIFLE IS: 1.246

CENTROIDAL DISTANCES

0	TO	1	.305617
1	TO	2	.182584
1	TO	3	.161941
1	TO	4	.113719
1	TO	5	.639513

5 ⁺₃₁₄ <----POA

BARBER - M24 0083873

REMINGTON CENTERFIRE ACCURACY TEST

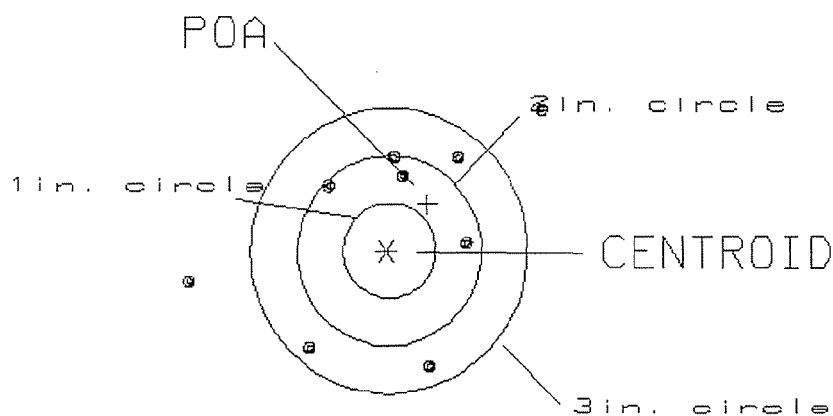
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 5 ☐
 POA TO CENTROID: .655
 MIN RADIUS : .781
 MEAN RADIUS : 1.431
 MAX RADIUS : 2.421
 CENTROID X : -.440
 CENTROID Y : -.485

29 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225226

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.88

0

VS= 3.67

4

GS= 4.26

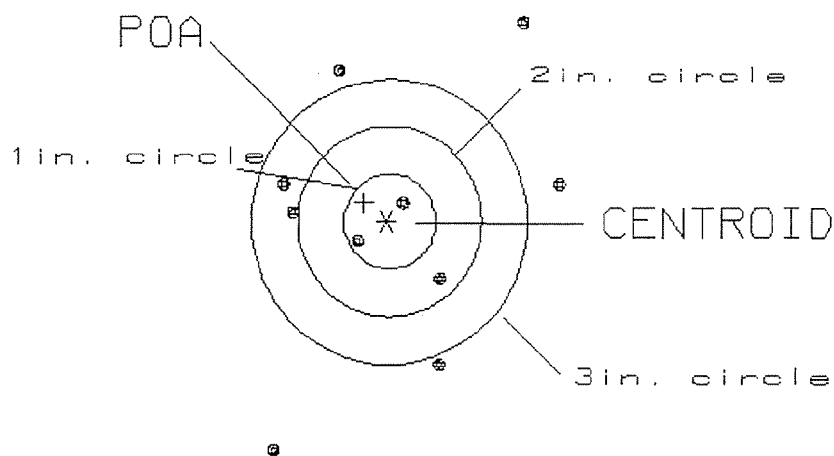
7

PATTERN #: 4
 POA TO CENTROID: .321
 MIN RADIUS : .232
 MEAN RADIUS : 1.401
 MAX RADIUS : 2.707
 CENTROID X : .253
 CENTROID Y : -.197

29 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225226

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.08

2

VS= 4.45

3

GS= 5.20

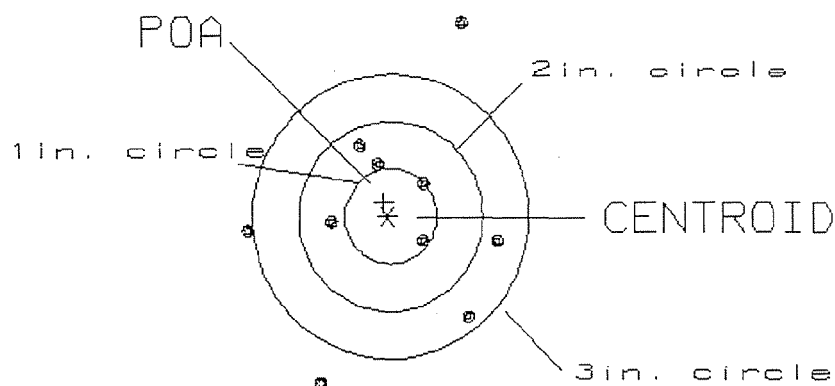
5

PATTERN #: ☐ 3 ☐
 POA TO CENTROID: .152
 MIN RADIUS : .432
 MEAN RADIUS : 1.109
 MAX RADIUS : 2.129
 CENTROID X : .046
 CENTROID Y : -.145

29 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225226

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.70

1

VS= 3.80

5

GS= 4.06

7

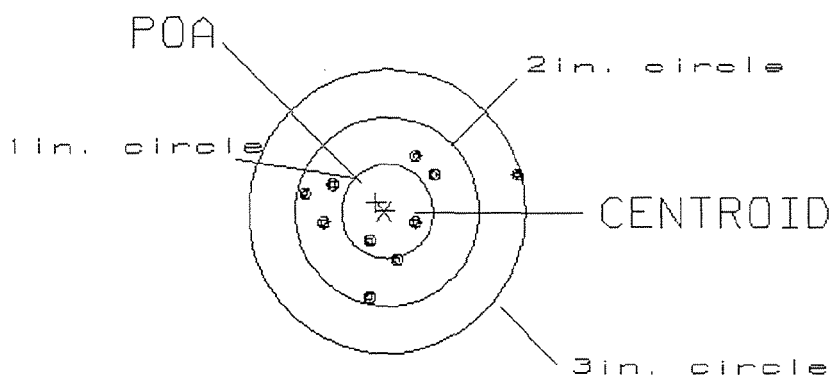
PATTERN #: 2

POA TO CENTROID: .131
 MIN RADIUS : .278
 MEAN RADIUS : .705
 MAX RADIUS : 1.417
 CENTROID X : .095
 CENTROID Y : -.090

29 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225226

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.27

2

VS= 1.47

9

GS= 2.28

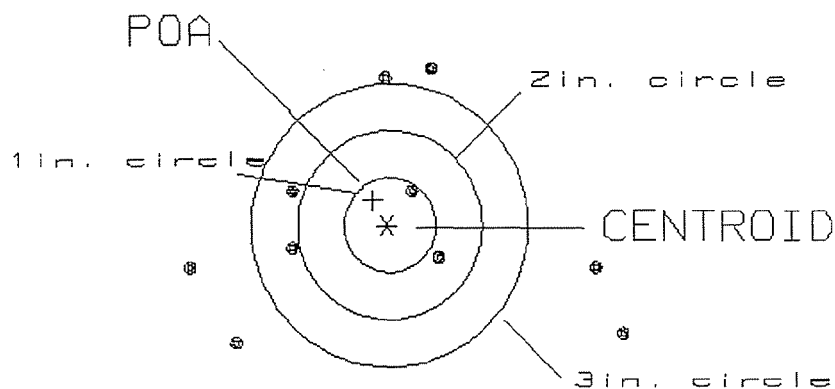
10

PATTERN #: ☐ 1 ☐
 POA TO CENTROID: .305
 MIN RADIUS : .407
 MEAN RADIUS : 1.582
 MAX RADIUS : 2.758
 CENTROID X : .159
 CENTROID Y : -.261

29 May 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225226

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 4.73
 VS= 2.87
 GS= 4.78

1
 2
 4

OP.#	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and stock	QUALITY 8 AUDIT 9	9/88	FB
600	Proof		7/88	RW
607	Check Headspace		7/88	RW
610	Dis-assemble gun			RW
612	Magnaflux Barrel Action		9-14-88	PJC.
	Magnaflux Bolt		9-14-88	PJC.
615	Rollmark Caliber		10/12	WC
617	Drill & Tap Sight Holes		10/12	FD
618	Polish Barrel		10/70	WT
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		11/3/88	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/3/88	RW
	C) Inspect Ejector Hole for Chamfer		11/3/88	RW

OVER

OP.#		READINGS	DATE	INITIAL
625 cont.	D) Oil Firing Pin Ass'y		11/3/88	RW
	E) Adjust Trigger Pull to Min. Setting and Stake		30 Nov 88	JS
	F) Safety on Force	4 4 4	4 Nov 88	JS
	G) Safety off Force	3 3 3	4 Nov 88	JS
	H) Trigger Pull Test & Retainability		3 Nov 88	JS
	I) Firing Pin Indent	.0205 .0205 .0205	4 Nov 88	JS
	J) Assemble Stock		11/6/88	RW
	K) Assemble Swivel Studs		11/30/88	JS
	L) Attach Front & Rear Sight Assemblies		11/16/88	RW
	M) Iron Sight Alignment		11/16/88	RW
	N) Detach Front & Rear Sights & place in numbered container		11/16/88	RW
	O) Attach Scope to Rifle		11/17/88	WB
	P) Detach & Attach Scope 20 times		11/17/88	WB
640	Gallery Target & Test	58R 94L	11/18/88	DH
	A) Optical Clarity of Scope		11/18/88	DH
645	Inspect for Live Ammo		11/18/88	DH
655	Final Inspection			
	A) Headspace		30 Nov 88	JS
	B) Trigger Pull		30 Nov 88	JS
	C) Function		30 Nov 88	JS
660	Pack		15 Dec 88	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6225226

DATE 3/10/88

TESTER J. U. + J. S.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.53	2.47	2.63	2.77	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.52	2.44	2.56	2.72	
PULL #3	2.52	2.48	2.61	2.61	
PULL #4	2.51	2.44	2.55	2.77	
PULL #5	2.48	2.43	2.58	2.74	
TOTAL	12.56	12.26	12.93	13.61	
AVG.	2.512	2.452	2.586	2.722	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.20	3.23		
PULL #2	3.24	3.25		
PULL #3	3.33	3.29		
PULL #4	3.29	3.29		
PULL #5	3.29	3.28		
TOTAL	16.35	16.34		
AVG.	3.27	3.268		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.08	4.14		4.29
PULL #2	4.03	3.96		4.29
PULL #3	4.04	4.11		4.24
PULL #4	4.08	3.96		4.28
PULL #5	4.09	4.12		4.33
TOTAL	20.32	20.29		21.43
AVG.	4.064	4.058		4.286

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225226

CENTROIDAL DISTANCES

0 TO	1	1.07405
1 TO	2	.439892
1 TO	3	.0666033
1 TO	4	.256018
1 TO	5	.6536

5
43

+ (----POA

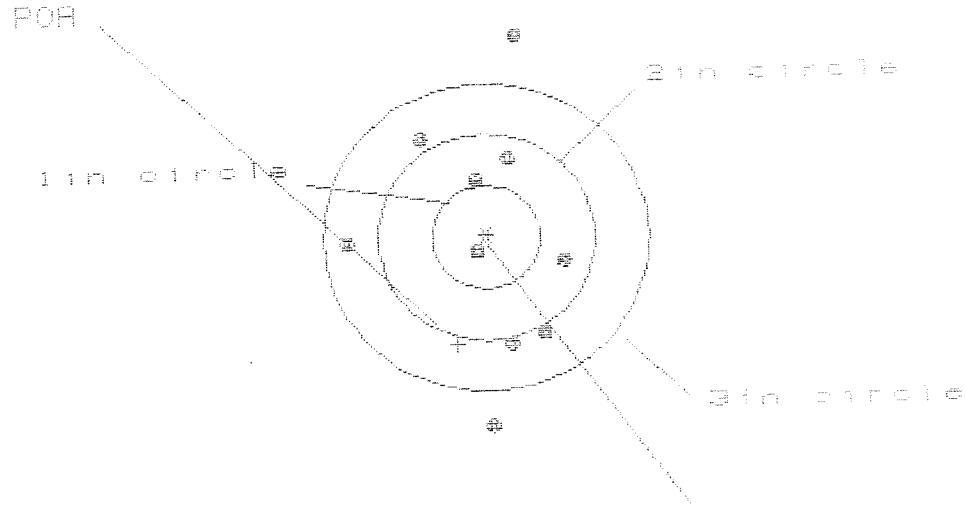
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0358
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: 1.0316
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 1.03222
THE AMR FOR THIS RIFLE IS: .9288

28 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08285288

CENTERFIRE PATTERNS

1



OF SHOTS = 10

IN CIR

1in = 1

2in = 4

3in = 8

HS = 1.098

VS = 3.752

GS = 3.763

PATTERN #

1

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.693

.731

.742

MINIMUM X

-1.303

-1.265

-1.254

MAXIMUM Y

1.922

1.220

1.018

MINIMUM Y

-1.830

-1.616

-1.979

CENTROID X

.287

.249

.238

CENTROID Y

1.035

.821

1.023

POA TO CENTROID in.

1.074

.858

1.051

MIN RADIUS

.174

.058

.151

MEAN RADIUS

1.065

.953

.858

MAX RADIUS

1.952

1.619

1.254

HORIZONTAL SPREAD

1.996

1.996

1.996

VERTICAL SPREAD

3.752

2.836

1.997

EXTREME SPREAD

3.763

2.982

2.258

NUMBER IN ONE INCH CIRCLE =

1

NUMBER IN TWO INCH CIRCLE =

4

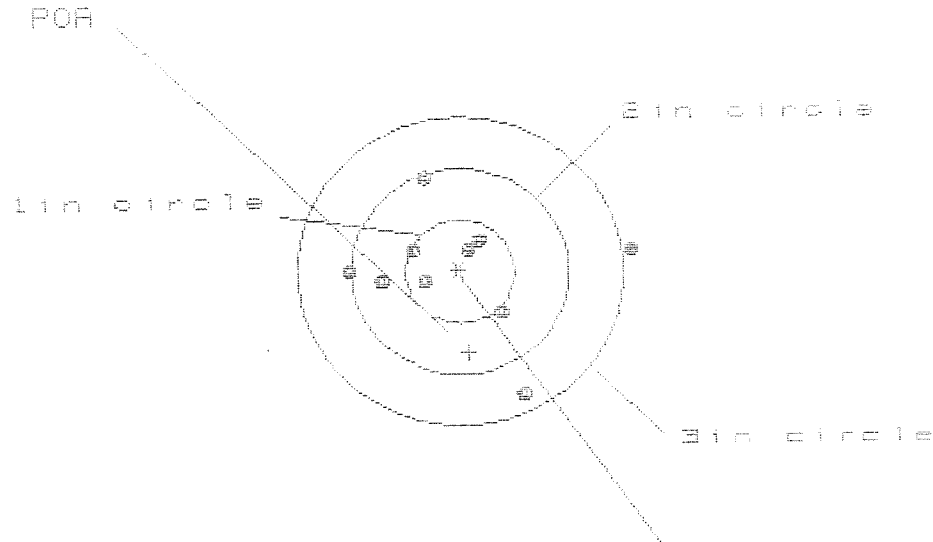
NUMBER IN THREE INCH CIRCLE =

8

28 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08285828

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 4

2 in = 0

3 in = 0

HST = 2.8000

VS = 2.0300

GS = 2.6000

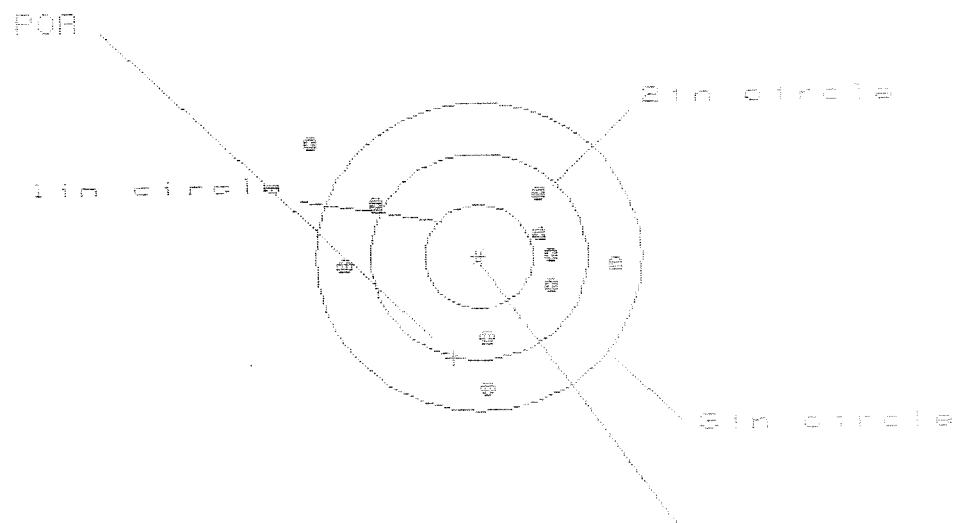
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.621	.799	.648
MINIMUM X	-.977	-.797	-.697
MAXIMUM Y	.880	.900	.758
MINIMUM Y	-1.150	-1.130	-.519
CENTROID X	-.077	-.257	-.357
CENTROID Y	.788	.768	.910
POA TO CENTROID in.	.791	.810	.977
MIN RADIUS	.201	.158	.142
MEAN RADIUS	.747	.621	.497
MAX RADIUS	1.630	1.384	.830
HORIZONTAL SPREAD	2.598	1.596	1.345
VERTICAL SPREAD	2.030	2.030	1.277
EXTREME SPREAD	2.600	2.259	1.476
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	9		

1999
20 Nov 1999

FILE:/PATTERNING/CENTERFIRE_PATT/CS225226

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 5

3 in = 0

HS# 2.782

VS# 2.373

GS# 3.009

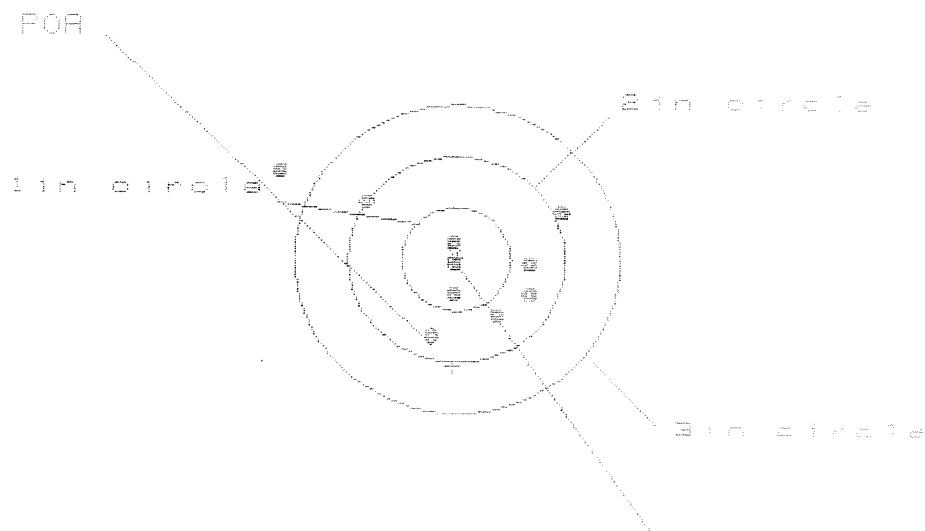
CENTROID #

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.266	1.098	.917
MINIMUM X	-1.516	-1.451	-1.334
MAXIMUM Y	1.101	.718	.723
MINIMUM Y	-1.272	-1.150	-1.145
CENTROID X	.243	.412	.593
CENTROID Y	.985	.863	.858
POA TO CENTROID in.	1.015	.956	1.043
MIN RADIUS	.547	.467	.317
MEAN RADIUS	1.035	.891	.765
MAX RADIUS	1.873	1.451	1.581
HORIZONTAL SPREAD	2.782	2.549	2.251
VERTICAL SPREAD	2.373	1.868	1.868
EXTREME SPREAD	3.009	2.549	2.331
NUMBER IN ONE INCH CIRCLE =	0	0	0
NUMBER IN TWO INCH CIRCLE =	5	5	5
NUMBER IN THREE INCH CIRCLE =	0	0	0

20 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08225238

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 3

2in = 8

3in = 8

HS= 2.632

VS= 1.626

GS= 2.704

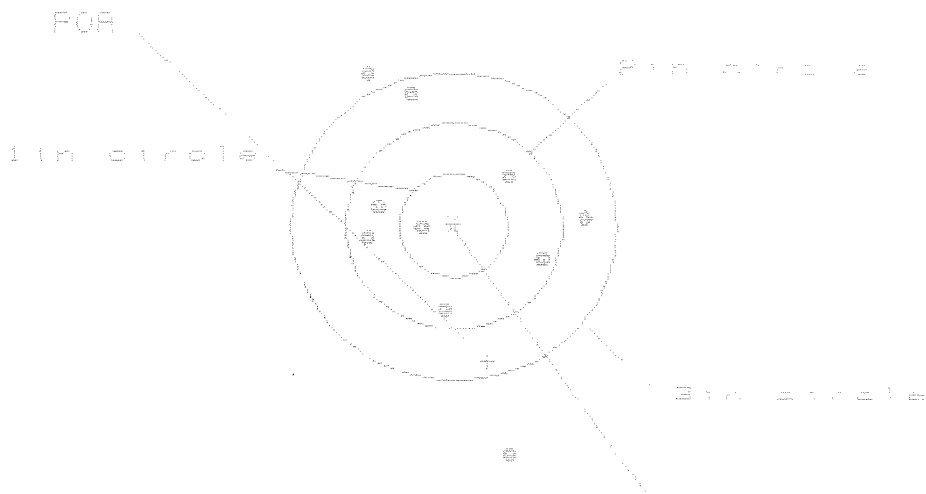
CENTROID #

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.959	.773	.624
MINIMUM X	:	-1.673	-.981	-.884
MAXIMUM Y	:	.895	.705	.780
MINIMUM Y	:	-.731	-.631	-.556
CENTROID X	:	.031	.217	.120
CENTROID Y	:	1.038	.938	.863
POA TO CENTROID in.	:	1.038	.963	.871
MIN RADIUS	:	.938	.191	.161
MEAN RADIUS	:	.743	.595	.532
MAX RADIUS	:	1.898	1.208	1.179
HORIZONTAL SPREAD	:	2.632	1.754	1.588
VERTICAL SPREAD	:	1.626	1.336	1.336
EXTREME SPREAD	:	2.704	1.800	1.800
NUMBER IN ONE INCH CIRCLE =	:	3		
NUMBER IN TWO INCH CIRCLE =	:	8		
NUMBER IN THREE INCH CIRCLE =	:	9		

28 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/05225206

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 6

3 in = 3

HS= 1.252

VS= 3.715

GS= 6.914

PATTERN #

5

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.190

1.241

1.151

MINIMUM X

-.772

-.721

.734

MAXIMUM Y

1.486

1.238

1.215

MINIMUM Y

-2.229

-1.055

-.980

CENTROID X

-.385

-.356

-.266

CENTROID Y

1.312

1.580

1.465

POA TO CENTROID in.

1.347

1.600

1.430

MIN RADIUS

.270

.342

.327

MEAN RADIUS

1.054

.900

.826

MAX RADIUS

2.276

1.433

1.386

HORIZONTAL SPREAD

1.962

1.962

1.935

VERTICAL SPREAD

3.715

2.293

2.115

EXTREME SPREAD

3.914

2.436

2.137

NUMBER IN ONE INCH CIRCLE =

1

NUMBER IN TWO INCH CIRCLE =

6

NUMBER IN THREE INCH CIRCLE =

3