

C6225535

MODEL 700™ M24

Model **S&S**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

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

MODEL 700TM H24

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

SERIAL NO.
C6225535

ORDER NO.
5716

25



5716 C6225535

08

320

1

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225535

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	12	9 88	RW
600	Proof	12	9 88	RW
607	Check Headspace	12	9 88	RW
610	Dis-assemble Gun	12	9 88	RW
612	Magnaflux Barrel Action		12-22-88	Pfl.
	Magnaflux Bolt		1-3-89	Pfl.
615	Rollmark Caliber		12/22/88	WAC
617	Drill and Tap Sight Holes	12	8 89	FS
618	Polish Barrel	12	2 88	W/T
620	Apply Coatings (Barrel Action)		1-16-89	ISA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		1/24/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/24/89	RW
	C) Inspect Ejector Hole for Chamfer		1/24/89	RW
	D) Oil Firing Pin Ass'y		1/24/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2/4/89	DS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	6	4			24 Jan 89	JS
	G) Safety Off Force	3	3	3			24 Jan 89	JS
	H) Trigger Pull Test & Retainability						24 Jan 89	JS
	I) Firing Pin Indent	.0205	.0205	.0205			24 Jan 89	JS
	J) Assemble Stock						2/2/89	RW
	K) Assemble Swivel Studs						7 Feb 89	JS
	L) Attach Front and Rear Sight Assemblies						2/2/89	RW
	M) Iron Sight Alignment						2/2/89	RW
	N) Detach Front & Rear Sights & place in numbered container						2/2/89	RW
	O) Attach Scope to Rifle						2/2/89	RW
	P) Detach & Attach Scope 20 Times						3 Feb 89	JS
640	Gallery Target & Test	542	982				2/6/89	K
	A) Time							K
	B) Malfunctions			NONE				K
	C) Pierced Primers			NONE				K
	D) Optical Clarity of Scope			OK			2/6/89	K
645	Inspect for Live Ammo			NONE			2/6/89	K
655	Final Inspection							
	A) Headspace						7 Feb 89	JS
	B) Trigger Pull	2.28	2.32	2.43	2.37	2.40	7 Feb 89	JS
	C) Function						7 Feb 89	JS
660	Pack						23 Mar 89	JS

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

SERIAL NO. 5535
DATE 4/5/90
TESTER 12/4

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.35	2.29	2.50	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.36	2.27	2.44	
PULL #3	2.37	2.32	2.47	
PULL #4	2.32	2.31	2.44	
PULL #5	2.41	2.30	2.36	
TOTAL	11.81	11.49	12.21	
AVG.	2.36	2.29	2.44	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.36	3.24		
PULL #2	3.33	3.18		
PULL #3	3.23	3.15		
PULL #4	3.20	3.31		
PULL #5	3.26	3.16		
TOTAL	16.38	16.04		
AVG.	3.27	3.21		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.15	4.30		
PULL #2	4.16	4.22		
PULL #3	4.21	4.20		
PULL #4	4.11	4.27		
PULL #5	4.25	4.17		
TOTAL	20.88	21.16		
AVG.	4.17	4.23		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225535
18 Feb 1989

CENTROIDAL DISTANCES

0 TO	1	.447395
1 TO	2	.876179
1 TO	3	.687978
1 TO	4	1.08825
1 TO	5	1.21514

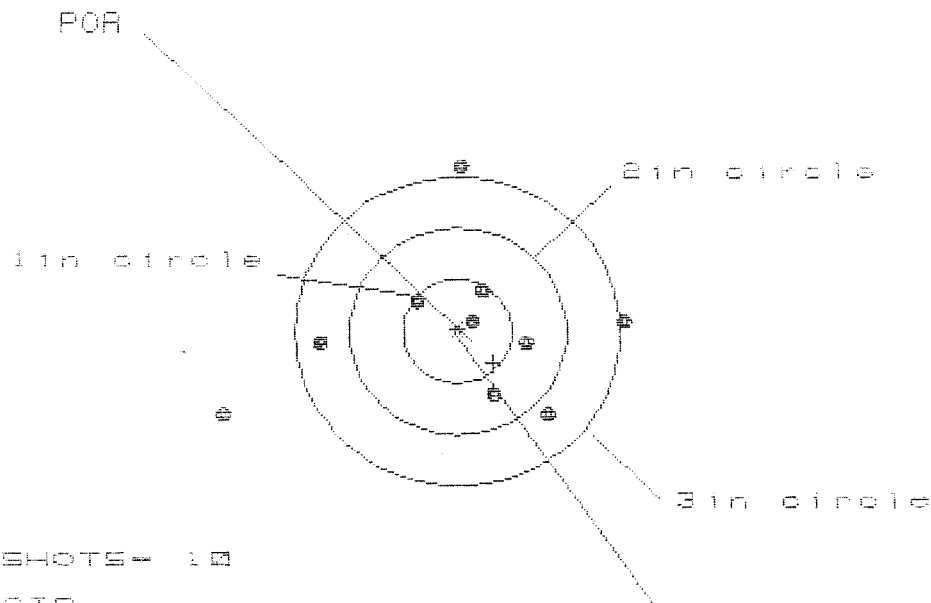
1 + 2 (----POB
3 4 5

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1738
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2494
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .383987
THE AMR FOR THIS RIFLE IS: .9558

8 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225535

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 3

2in = 5

3in = 8

HE= 3.669

VS= 2.397

GS= 3.781

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.484	1.241	1.215
MINIMUM X	-2.185	-1.487	-1.513
MAXIMUM Y	1.559	1.468	.451
MINIMUM Y	-.838	-.929	-.745
CENTROID X	-.331	-.088	-.062
CENTROID Y	.301	.392	.208
POA TO CENTROID in.	.448	.481	.217
MIN RADIUS	.197	.069	.208
MEAN RADIUS	1.024	.822	.743
MAX RADIUS	2.331	1.496	1.513
HORIZONTAL SPREAD	3.669	2.728	2.728
VERTICAL SPREAD	2.397	2.397	1.196
EXTREME SPREAD	3.781	2.734	2.734
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		8	

6 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225585

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS = 10

IN CIR

1in = 2

2in = 8

3in = 10

HS = 1.587

VS = 2.345

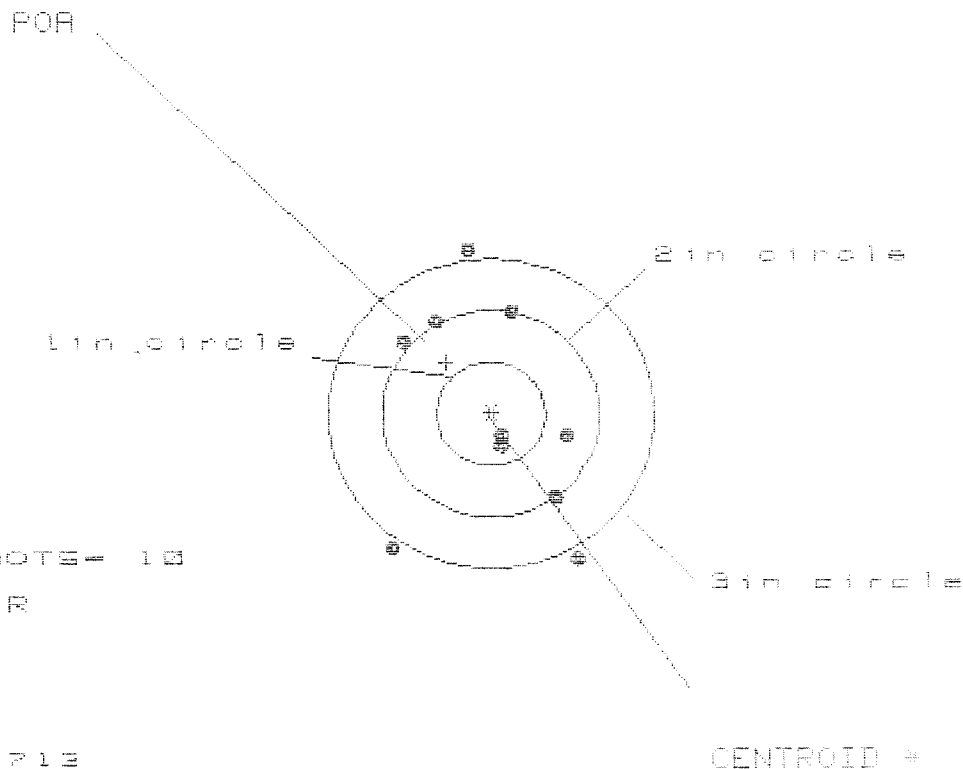
GS = 2.457

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.029	.409	.378
MINIMUM X	-.558	-.444	-.393
MAXIMUM Y	1.346	1.235	.499
MINIMUM Y	-.999	-.688	-.534
CENTROID X	.394	.280	.229
CENTROID Y	-.191	-.080	-.234
POA TO CENTROID in.	.438	.291	.327
MIN RADIUS	.102	.055	.124
MEAN RADIUS	.605	.510	.391
MAX RADIUS	1.434	1.301	.626
HORIZONTAL SPREAD	1.587	.853	.771
VERTICAL SPREAD	2.345	1.923	1.063
EXTREME SPREAD	2.457	2.025	1.171
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	

6 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06825585

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 3

3 in = 7

HS= 1.713

VS= 3.025

GS= 3.200

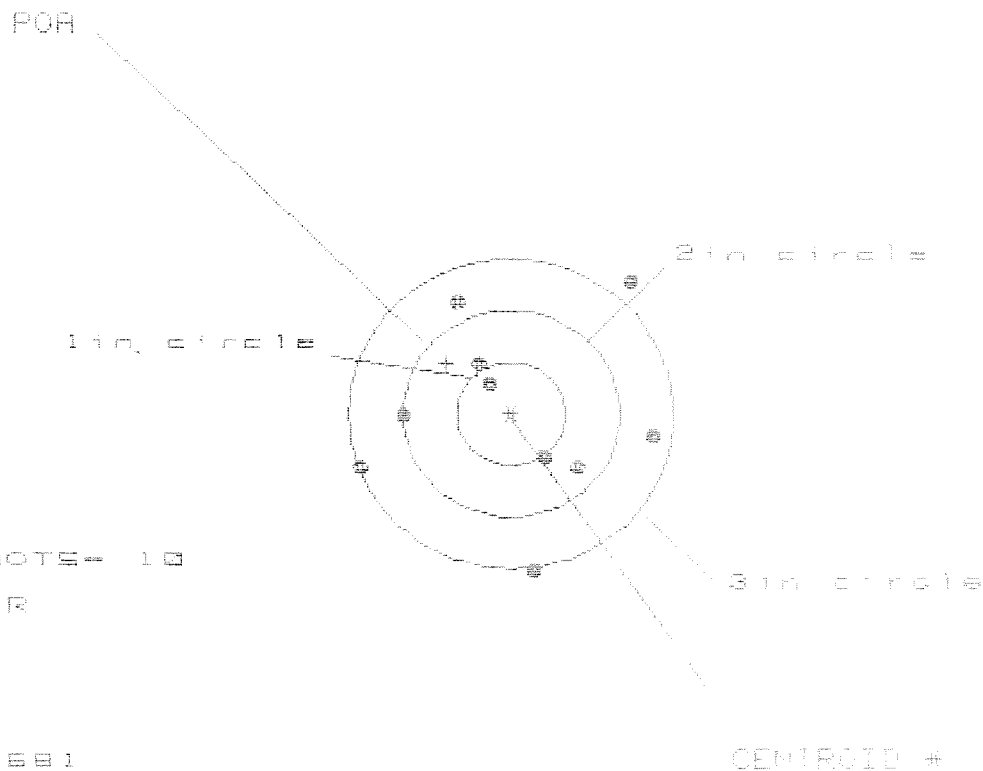
CENTROID +

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.789	.761	.753
MINIMUM X	:	-.924	-.952	-.857
MAXIMUM Y	:	1.619	1.223	1.070
MINIMUM Y	:	-1.406	-1.226	-1.244
CENTROID X	:	.410	.438	.343
CENTROID Y	:	-.496	-.676	-.523
POR TO CENTROID in.	:	.644	.806	.625
MIN RADIUS	:	.206	.068	.225
MEAN RADIUS	:	1.034	.928	.890
MAX RADIUS	:	1.639	1.448	1.511
HORIZONTAL SPREAD	:	1.713	1.713	1.610
VERTICAL SPREAD	:	3.025	2.449	2.314
EXTREME SPREAD	:	3.200	2.670	2.582
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	

6 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/CS225535

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 1

2in = 4

3in = 9

HS= 2.681

VS= 2.731

GS= 3.062

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.263	1.386	1.224
MINIMUM X	:	-1.418	-1.295	-1.039
MAXIMUM Y	:	1.267	1.195	1.155
MINIMUM Y	:	-1.464	-1.323	-1.068
CENTROID X	:	.594	.471	.632
CENTROID Y	:	-.487	-.628	-.588
POA TO CENTROID in.	:	.768	.785	.864
MIN RADIUS	:	.332	.400	.433
MEAN RADIUS	:	1.030	.954	.892
MAX RADIUS	:	1.683	1.387	1.359
HORIZONTAL SPREAD	:	2.681	2.691	2.263
VERTICAL SPREAD	:	2.731	2.518	2.518
EXTREME SPREAD	:	3.062	2.696	2.603
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R 95-06918

INITIAL FPS	CUSTOMER ORDER NO.		M24 W/ULTRA 10X-M3A SCOPE			
DATE RECEIVED 02/24/95	DATE OPENED 02/24/95	DATE CODE BJ 1-89	SERIAL NUMBER C6225535	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62	NATO
ACCESSORIES HARD CASE		SCOPE MNTS SCOPE BASE		W/1 STUD		

FROM:

SUPPLY & SERVICE DIVISION
WHSE. 224
FT. BENNING GA 31905

SHIP TO:

SUPPLY & SERVICE DIVISION
WHSE. 224
FT. BENNING GA 31905

CUST NO: 080509 C.O.D.L

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA R649320020
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GUN CONDITION

- ☐ NEW
- ☐ LIGHTLY WORN
- ☐ WORN
- ☐ VERY WORN
- ☐ UNREPAIRABLE
- ☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

W52H095082 H228

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.		New Barrel		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

~~New Barrel~~ Customer Recut Chamber

PARTS

Barrel - 96003

COMMENTS

Repowder Coat - Trigger Guard
Assy. Front & Rear Sight Bases
Re-zinc - Scope Base, Rings &
Swivel Studs.

W33BQ9

REPAIRMAN RW	PROOF ✓	CLEAN ✓	TEST ✓	TARGET ✓	PATTERN
GALLERY TESTER RW	DATE 3/1/95	DATE 3/20/95	DATE 3/21/95	DATE 3/21/95	DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 00508950895

RECEIPT COPY 1

MAINTENANCE REQUEST				PAGE NO.		NO. OF PAGES		REQUIREMENTS CONTROL SYMBOL		
For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG				1		1		CSGLD - 1047(R1)		
SECTION I - EQUIPMENT DATA										
CONTROL NUMBER		WORK ORDER NO.		WESDC		ORG. PD		PD AUTHENTICATION		
☐ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION A 3/75 Rgt Rgt		B. LOCATION Ft BENNING, GA 31905			C. UNIT IDENT CODE WJBLAQ			
2. SERIAL NO. C 6225535		3. NOUN NOMENCLATURE Rifle, 7.62, M24 SWS		4. LINE NO. R95387		5. MODEL		6. NATIONAL STOCK NUMBER 1005-01-240-2136		
7A. MAINTENANCE ACTIVITY		B. LEVEL		8. UTILIZATION CODE		9A. MCSR ITEM		9B. ERC		
								10. HOURS		
								11. MILES		
								12. ROUNDS 150		
								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 ☐ B Handling ☒ D Normal Op ☐ F Inspection ☐ H Other					☐ 055 Inoperative ☐ 258 Overheating ☒ 790 Out of Adjustment ☐ 008 Noisy ☒ 387 Low Performance ☐ Other					
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs). DEVIATES MINUTE OF ANGLE ACCURACY. FIRES A LOOSE PATTERN.										
B. REMARKS POC SPC PETERSON OR SPC ELLIOTT 5-7965/5393/4720										
SECTION II - WORK ACCOMPLISHED										
17A. REPAIR ORGANIZATION/ACTIVITY				C. UNIT IDENT. CODE		18. TYPE ORGANIZATION/ACTIVITY ACCOMPLISHING WORK (Select one - use ☒ or X)			19. AMS ACCT CODE	
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	
				(1) CB CODE (2) REF DESIGN. (3) MFR. CODE					F. PART SOURCE CODE	
									G. QTY.	
									H. PARTS COST	
									\$	
									\$	
									\$	
									\$	
									\$	
									\$	
									\$	
									\$	
									\$	
									\$	
									\$	
									\$	
									\$	
21. DELAY (Select One)				I. TOTAL MANHOURS		J. TOTAL MANHOURS COST		K. TOTAL PARTS COST		
						\$		\$		
23. SUBMITTED BY		24. RECEIVED BY		25. WORK STARTED BY		26. INSPECTED BY		27. ACCEPTED BY		
[Signature]		[Signature]								
JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE		
28. DISPOSITION (Select One)										
☐ A To User ☐ D Evacuated ☐ B To Stock ☐ E Cannibalization ☐ C Salvaged										

DA FORM 2407, AUG 88

EDITION OF MAY 81 MAY BE USED

NMP COPY 2

Replaces edition of 1 Jan 64, which will be used

BARBER - M24 ~~0050869~~ **M2400050899**

Final Inspection

Sn: C6225535

DATE REC'D: 2/24/95

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:

CONTRACT # DAAA21-87-C-0086

New Barrel

GUN SERIAL # C6225535

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		3/1/95	Rw
600	Proof		3/1/95	Rw
607	Check Headspace		3/1/95	Rw
610	Dis-assemble Gun		3/1/95	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		3/20/95	Rw
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		3/20/95	Rw
	C) Inspect Ejector Hole for Chamfer		3/20/95	Rw
	D) Oil Firing Pin Ass'y		3/20/95	Rw
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	BARBER - M24 0050863 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		3/21/85	RW
	A) Time			
	B) Malfunctions			
	C) Pierced Primers			
	D) Optical Clarity of Scope			
645	Inspect for Live Ammo		3/21/85	RW
655	Final Inspection			
	A) Headspace		5/22/85	RW
	B) Trigger Pull			
	C) Function		3/22/85	RW
660	Pack			

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225535
28 Mar 1995

CENTROIDAL DISTANCES

0 TO	1	.0784853
1 TO	2	.32816
1 TO	3	.0945304
1 TO	4	.431602
1 TO	5	.105119

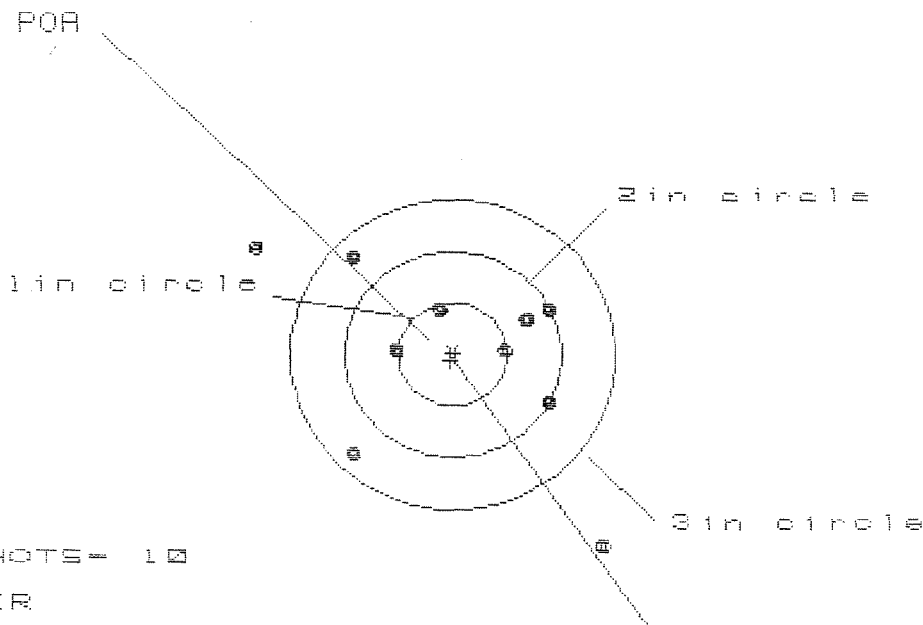
3
4 (----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.003
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0176
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0178539
THE AMR FOR THIS RIFLE IS: .9754

28 Mar 1985

FILE:/PATTERNING/CENTERFIRE_PATT/08225535

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 1

2in = 6

3in = 8

HS= 3.132

VS= 2.823

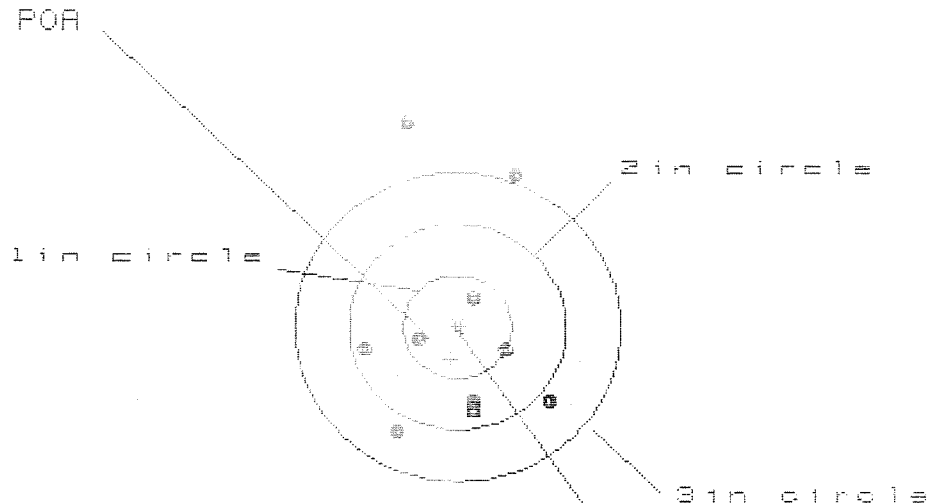
GS= 4.216

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.353
MINIMUM X	-1.779
MAXIMUM Y	.992
MINIMUM Y	-1.831
CENTROID X	.020
CENTROID Y	.060
POA TO CENTROID in.	.063
MIN RADIUS	.437
MEAN RADIUS	1.186
MAX RADIUS	2.276
HORIZONTAL SPREAD	3.132
VERTICAL SPREAD	2.823
EXTREME SPREAD	4.216
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	6
NUMBER IN THREE INCH CIRCLE =	8

28 Mar 1995

FILE:/PATTERNING/CENTERFIRE_PATT/06225535

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

HS = 1.640

VS = 2.957

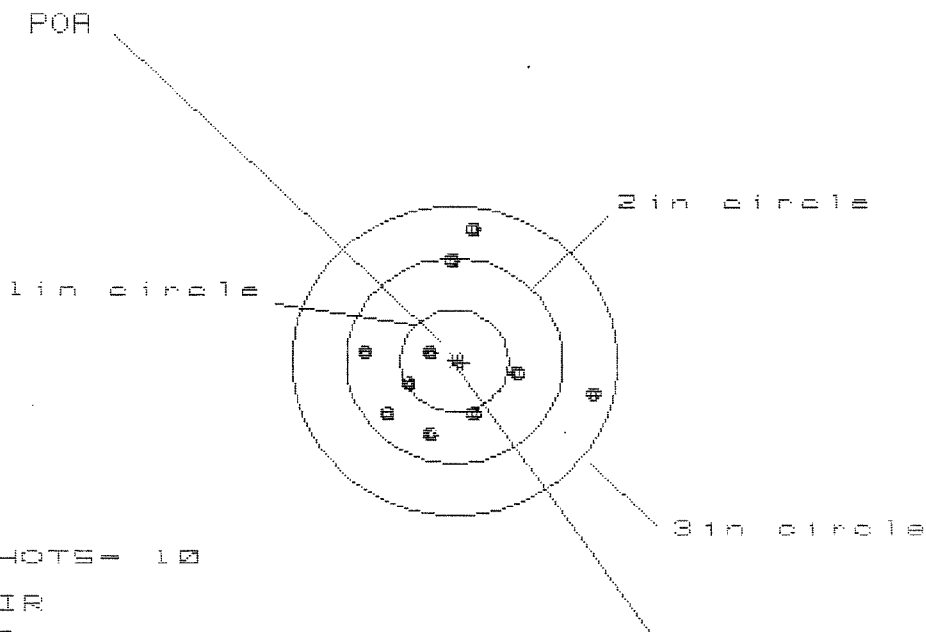
GS = 2.959

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.887	.758	.817
MINIMUM X	-.833	-.882	-.824
MAXIMUM Y	1.940	1.721	.695
MINIMUM Y	-1.017	-.802	-.587
CENTROID X	.058	.108	.050
CENTROID Y	.315	.100	-.115
POA TO CENTROID in.	.321	.147	.125
MIN RADIUS	.280	.407	.340
MEAN RADIUS	.935	.775	.619
MAX RADIUS	1.989	1.783	.864
HORIZONTAL SPREAD	1.640	1.640	1.640
VERTICAL SPREAD	2.957	2.523	1.282
EXTREME SPREAD	2.959	2.739	1.727
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		8	

28 Mar 1995

FILE:/PATTERNING/CENTERFIRE_PATT/06225535

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 2

2in = 8

3in = 10

HS= 2.133

VS= 1.969

GS= 2.166

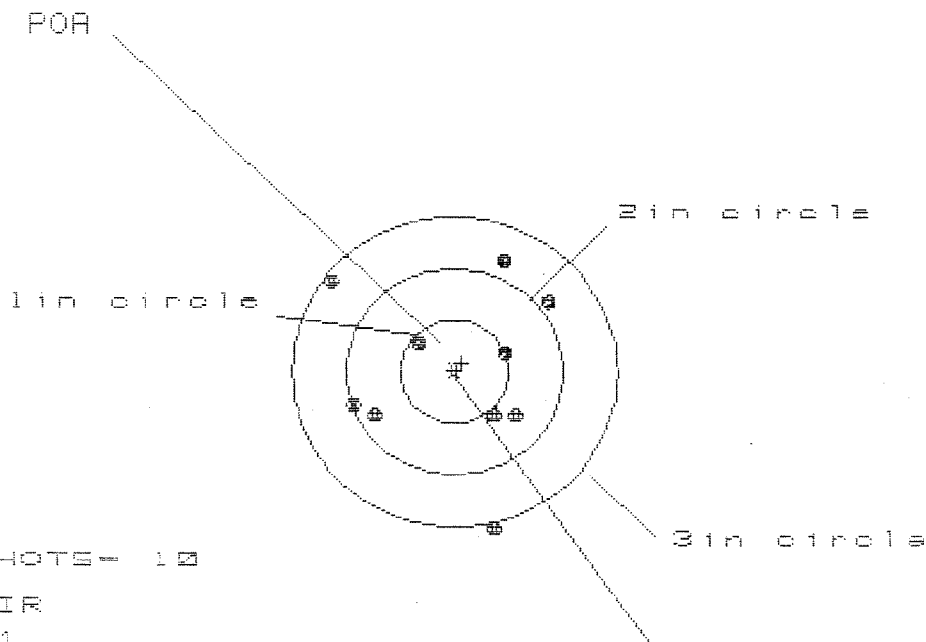
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.323	.740	.777
MINIMUM X	-.810	-.663	-.626
MAXIMUM Y	1.262	1.227	1.073
MINIMUM Y	-.707	-.742	-.589
CENTROID X	-.075	-.222	-.259
CENTROID Y	.015	.050	-.103
POA TO CENTROID in.	.076	.227	.278
MIN RADIUS	.286	.130	.222
MEAN RADIUS	.779	.686	.582
MAX RADIUS	1.361	1.262	1.091
HORIZONTAL SPREAD	2.133	1.403	1.403
VERTICAL SPREAD	1.969	1.969	1.662
EXTREME SPREAD	2.166	1.998	1.674
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	

28 Mar 1995

FILE:/PATTERNING/CENTERFIRE_PATT/C6225535

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS= 2.008

VS= 2.562

GS= 2.848

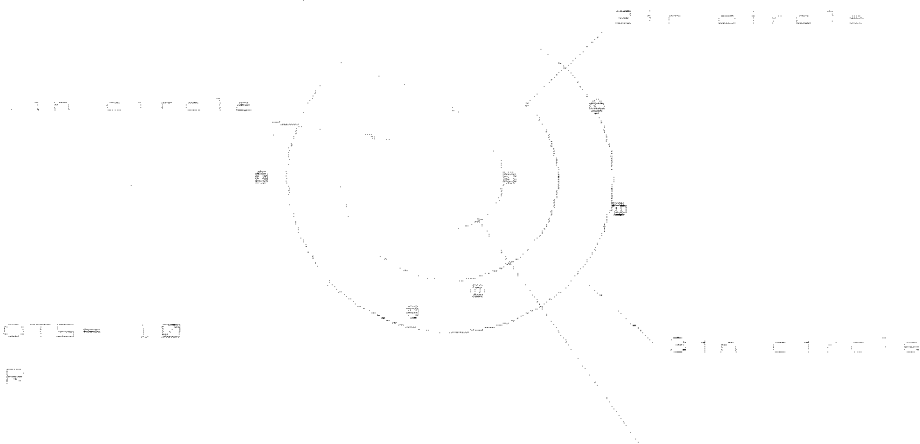
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.911	.951	.819
MINIMUM X	-1.097	-1.057	-1.060
MAXIMUM Y	1.034	.865	.958
MINIMUM Y	-1.528	-.613	-.520
CENTROID X	-.065	-.105	.027
CENTROID Y	-.079	.091	-.002
POA TO CENTROID in.	.102	.139	.027
MIN RADIUS	.446	.344	.433
MEAN RADIUS	.947	.874	.801
MAX RADIUS	1.570	1.295	1.133
HORIZONTAL SPREAD	2.008	2.008	1.879
VERTICAL SPREAD	2.562	1.478	1.478
EXTREME SPREAD	2.848	2.149	2.149
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

28 Mar 1985

FIRE PATTERNING DATA FILE # 06225535

CENTERFIRE PATTERN # 4

POR



OF SHOTS- 10

IN CIR

- 1

2 in = 4

3 in = 7

ME = 2.288

MS = 2.346

GS = 3.309

CENTROID #

PATTERN #

:

4

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.573	1.381	1.321
MINIMUM X	:	-1.716	-1.959	-1.786
MAXIMUM Y	:	1.015	1.014	.982
MINIMUM Y	:	-1.331	-1.332	-1.364
CENTROID X	:	.047	.239	.066
CENTROID Y	:	-.399	-.398	-.366
POR TO CENTROID in.	:	.402	.465	.372
MIN RADIUS	:	.302	.395	.331
MEAN RADIUS	:	1.110	1.039	.972
YAD RADIUS	:	1.725	1.434	1.491
HORIZONTAL SPREAD	:	2.299	2.340	2.108
VERTICAL SPREAD	:	2.346	2.346	2.346
EXTREME SPREAD	:	3.309	2.655	2.655
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	7		

BARBER - M24 0050870 ESTIMATING REPORT

COMMENTS

ORDER
R 97-11799

INITIAL
JJM

CUSTOMER ORDER NO.

DATE RECEIVED
06/24/97

DATE OPENED
06/24/97

DATE CODE

SERIAL NUMBER
C6225535

NEW SERIAL NUMBER

MODEL AND GRADE
700 7.62

NATO

ACCESSORIES

FROM:

TRANSPORTATION OFFICER USAIC
ATTN ATZB-LOT-MM
BLDG 280
FORT BENNING GA 31905

SHIP TO:

TRANSPORTATION OFFICER USAIC
ATTN ATZB-LOT-MM
BLDG 280
FORT BENNING GA 31905

CUST NO: 161641 C.O.D.L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

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	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

PARTS

Barrel 96003

COMMENTS

Repowder Coat Trigger Guard
Assy, Front & Rear Sight Bases
ReZinc Scope Base & Swivel
Studs

REPAIRMAN PROOF CLEAN TEST TARGET PATTERN

REPAIRMAN PROOF CLEAN TEST TARGET PATTERN

GALLERY TESTER DATE DATE DATE DATE DATE DATE

GALLERY TESTER DATE DATE DATE DATE DATE DATE

OFFICE COPY

RD625 R

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0050870 50909

21 DAY TURN - AROUND

New
Barrel

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO. C6225535

LOG IN DATE: / /

DATE

INIT.

INSPECT & VERIFY:

OP. # OP. NAME

550 DIS-ASSEMBLE GUN

560 A RE-BARREL AT CUSTOM SHOP

B DRILL & TAP

C POLISH

575 ASSEMBLE

600 PROOF

6-27-97

A

605 CHECK HEADSPACE

6-27-97

A

610 DIS-ASSEMBLE

612 MAGNAFLUX

615 ROLLMARK CALIBER

618 ROTO-BLAST

620 APPLY COATINGS

625 A FINAL ASSEMBLY

8-17-97

Ru

B TRIGGER PULL TEST

C SAFETY ON FORCE

D SAFETY OFF FORCE

E FIRING PIN INDENT

640 TARGET

8-20-97

Ru

655 FINAL INSPECT

660 PACK

QAR INSPECTION

SHIP DATE

Final Inspection

Sn: C6225535

DATE REC'D: 6-24-97

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:

BARBER - M24 0050873

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6225535
20 Aug 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1724
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1004
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .199504

THE AMR FOR THIS RIFLE IS: 1.02

CENTROIDAL DISTANCES

0	TO	1	.247493
1	TO	2	.7658
1	TO	3	.465626
1	TO	4	.464999
1	TO	5	.310137

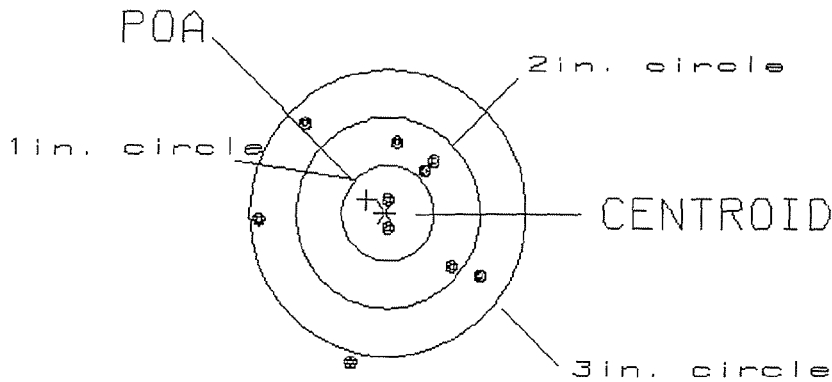
2
+ 5 4
3 1 <----POA

PATTERN #: 1
 POA TO CENTROID: .247
 MIN RADIUS : .136
 MEAN RADIUS : .877
 MAX RADIUS : 1.613
 CENTROID X : .202
 CENTROID Y : -.143

20 Aug 1997

FILE:/Hqbasic/Accuracy/Patterning/Centerfire_Patt/C6225535

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.32
 VS= 2.51
 GS= 2.55

2
 6
 9

PATTERN #: 020

POA TO CENTROID: .592

MIN RADIUS : .460

MEAN RADIUS : 1.038

MAX RADIUS : 1.921

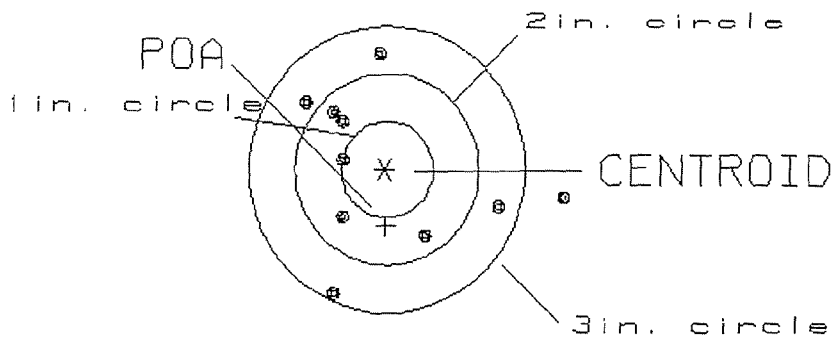
CENTROID X : -.013

CENTROID Y : .592

20 Aug 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225535

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.74

1

VS= 2.45

5

GS= 2.91

9

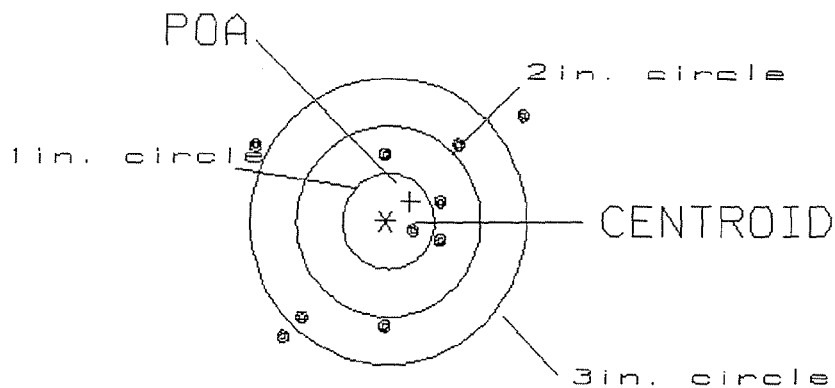
PATTERN #: 3

POA TO CENTROID: .329
 MIN RADIUS : .263
 MEAN RADIUS : 1.088
 MAX RADIUS : 1.811
 CENTROID X : -.260
 CENTROID Y : -.201

20 Aug 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/CG225535

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.92
 VS= 2.26
 GS= 3.44

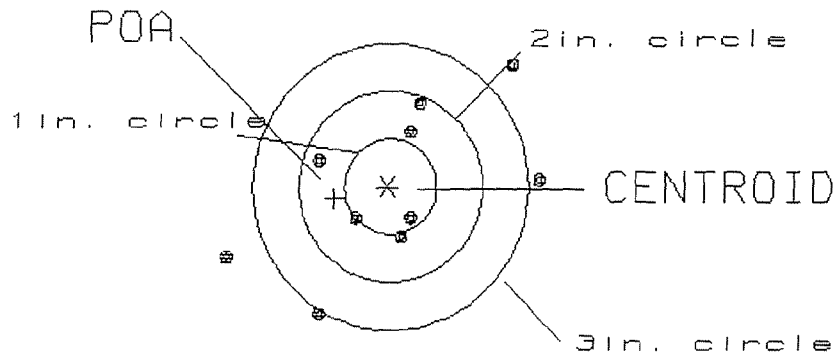
1
 4
 7

PATTERN #: 4
 POA TO CENTROID: .595
 MIN RADIUS : .374
 MEAN RADIUS : 1.065
 MAX RADIUS : 1.898
 CENTROID X : .582
 CENTROID Y : .125

20 Aug 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225535

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.41
 VS= 2.57
 GS= 3.65

3
 6
 6

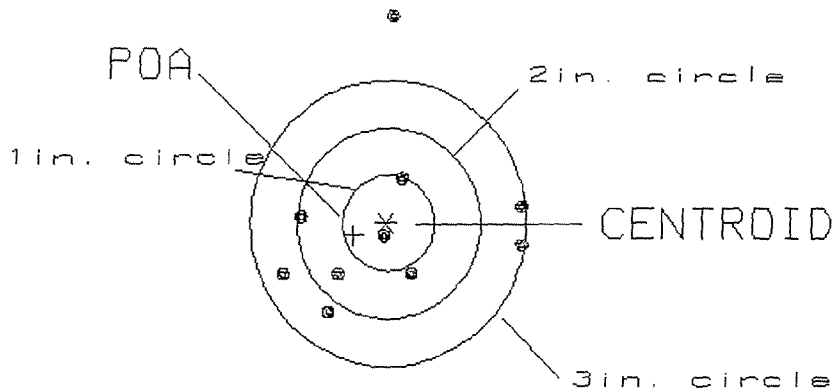
PATTERN #: 5

POA TO CENTROID: .374
 MIN RADIUS : .162
 MEAN RADIUS : 1.034
 MAX RADIUS : 2.145
 CENTROID X : .351
 CENTROID Y : .129

20 Aug 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225535

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.62
 VS= 3.03
 GS= 3.11

1
 5
 9