

NEW ACTION

C6225387

E 6374499

MODEL 700TM M24

Model **700 M24TM**

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Smead[®]

M2400059759

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

88299

[illegible]

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # *C6225387*

OPERATION		DATE	INT
#	NAME		
575-580	ASSEMBLY	1/22	FB
600	PROOF	<i>1/25/88</i>	<i>RW</i>
615	MAGNAFLUX BARREL	<i>2/18/88</i>	<i>R/c.</i>
	MAGNAFLUX BOLT	<i>5/13/88</i>	<i>R/c.</i>
620	COATING	<i>8/11/88</i>	<i>TA</i>
625-630	FINAL ASSEMBLY		
635	TEST		
640	TARGET		
	FIRING PIN INDENT		
660	PACK		

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225387

SCOPE #
~~1729~~
1729-

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)			
625	Final Assembly A) Clean inside of Bolt Assembly		9/2/88	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/2/88	RW
	C) Inspect Ejector Hole for Chamfer		9/2/88	RW

OVER

C-6225387

OP.#		READINGS	DATE	INITIAL
625 cont.	D) Oil Firing Pin Ass'y		9/2/88	RW
	E) Adjust Trigger Pull to Min. Setting and Stake		28 Sept 88	J.C. + J.S.
	F) Safety on Force	5.25 5.75 5.75	28 Sept 88	J.C. + J.S.
	G) Safety off Force	3.75 3.75 3.75	28 Sept 88	J.C. + J.S.
	H) Trigger Pull Test & Retainability		28 Sept 88	J.C. + J.S.
	I) Firing Pin Indent	.022 .022 .022	28 Sept 88	J.C. + J.S.
	J) Assemble Stock		9/22/88	RW
	K) Assemble Swivel Studs		10-10-88	J.S.
	L) Attach Front & Rear Sight Assemblies		9/22/88	RW
	M) Iron Sight Alignment		9/22/88	RW
	N) Detach Front & Rear Sights & place in numbered container		9/22/88	RW
	O) Attach Scope to Rifle		10/4/88	RW
	P) Detach & Attach Scope 20 times		10-4-88	J.S.
640	Gallery Target & Test	64 R 91 L	10/7/88	DH
	A) Optical Clarity of Scope		10-7/88	JH
645	Inspect for Live Ammo		10/7/88	JH
655	Final Inspection			
	A) Headspace		10-10-88	J.S.
	B) Trigger Pull		10-10-88	J.S.
	C) Function		10-10-88	J.S.
660	Pack	OK	10/20/88	W.B.

SWS TRIGGER PULL TEST

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

SERIAL NO. C6225387
DATE 4-11-88
TESTER 2 Sept 88

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.59	2.54	2.63	2.58	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.54	2.63	2.60	2.40	
PULL #3	2.49	2.51	2.54	2.28	
PULL #4	2.43	2.57	2.61	2.36	
PULL #5	2.47	2.54	2.61	2.37	
TOTAL	12.42	12.79	12.99	11.89	
AVG.	2.484	2.558	2.598	2.378	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.34	3.39		
PULL #2	3.34	3.35		
PULL #3	3.35	3.34		
PULL #4	3.32	3.33		
PULL #5	3.35	3.34		
TOTAL	16.70	16.75		
AVG.	3.34	3.35		

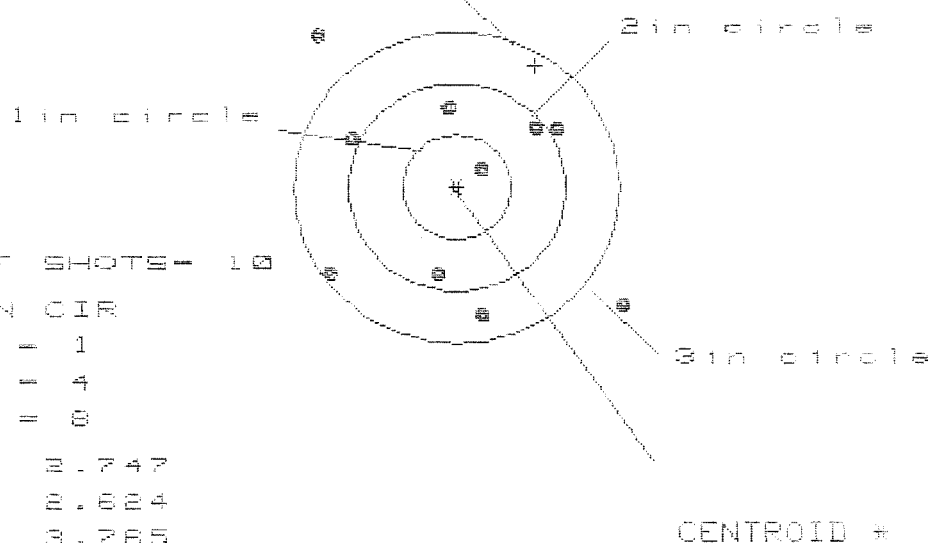
	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.30	4.39		4.27
PULL #2	4.31	4.32		4.30
PULL #3	4.42	4.27		4.34
PULL #4	4.43	4.32		4.32
PULL #5	4.43	4.31		4.29
TOTAL	21.89	21.61		21.47
AVG.	4.378	4.322		4.294

7 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8225367

CENTERFIRE PATTERNS # 1

POA

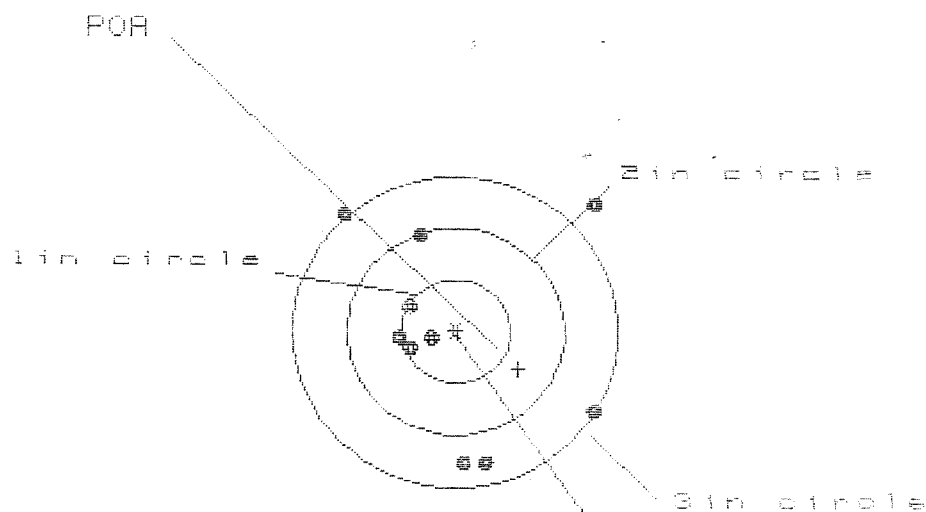


PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.523	1.064	.932
MINIMUM X	-1.224	-1.055	-1.121
MAXIMUM Y	1.428	1.300	.822
MINIMUM Y	-1.196	-1.324	-1.161
CENTROID X	-.726	-.895	-.763
CENTROID Y	-1.174	-1.046	-1.209
POA TO CENTROID in.	1.380	1.377	1.430
MIN RADIUS	.237	.359	.288
MEAN RADIUS	1.140	1.052	.908
MAX RADIUS	1.906	1.674	1.378
HORIZONTAL SPREAD	2.747	2.119	2.053
VERTICAL SPREAD	2.624	2.624	1.983
EXTREME SPREAD	3.765	3.021	2.515
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	5		

7 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06025387

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 5

3 in = 8

HS= 2.296

VS= 2.480

GS= 2.961

CENTROID #

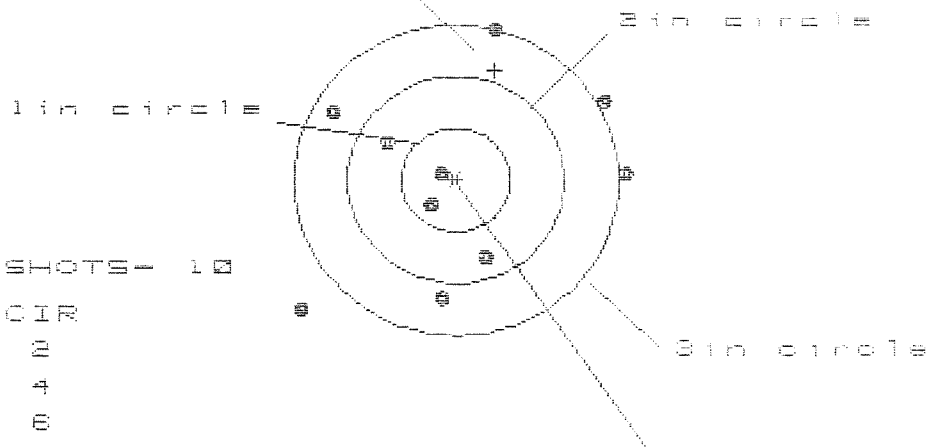
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.244	1.378	1.263
MINIMUM X	:	-1.052	-.914	-.519
MAXIMUM Y	:	1.195	1.254	1.197
MINIMUM Y	:	-1.285	-1.152	-.995
CENTROID X	:	-.576	-.714	-.599
CENTROID Y	:	-.368	-.227	-.378
POA TO CENTROID in.	:	.679	.749	.603
MIN RADIUS	:	.185	.112	.304
MEAN RADIUS	:	.988	.861	.818
MAX RADIUS	:	1.725	1.552	1.346
HORIZONTAL SPREAD	:	2.296	2.292	1.782
VERTICAL SPREAD	:	2.480	2.406	2.192
EXTREME SPREAD	:	2.961	2.961	2.289
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

7 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08225387

CENTERFIRE PATTERNS # 3

POA



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 4

3 in = 6

HS= 3.056

VS= 2.714

GS= 3.432

CENTROID +

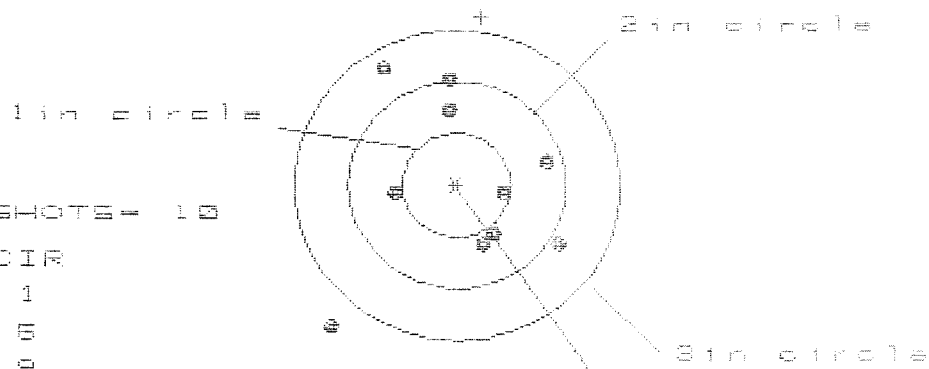
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.597	1.435	1.361
MINIMUM X	:	-1.459	-1.301	-1.122
MAXIMUM Y	:	1.428	1.340	1.322
MINIMUM Y	:	-1.236	-1.252	-1.265
CENTROID X	:	-.368	-.206	-.385
CENTROID Y	:	-1.062	-.924	-.911
POA TO CENTROID in.	:	1.124	.947	.989
MIN RADIUS	:	.086	.273	.147
MEAN RADIUS	:	1.085	1.027	.933
MAX RADIUS	:	1.912	1.439	1.485
HORIZONTAL SPREAD	:	3.056	2.736	2.483
VERTICAL SPREAD	:	2.714	2.592	2.592
EXTREME SPREAD	:	3.432	2.808	2.636
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		6	

7 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08225387

CENTERFIRE PATTERNS # 4

POA



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 6

3 in = 9

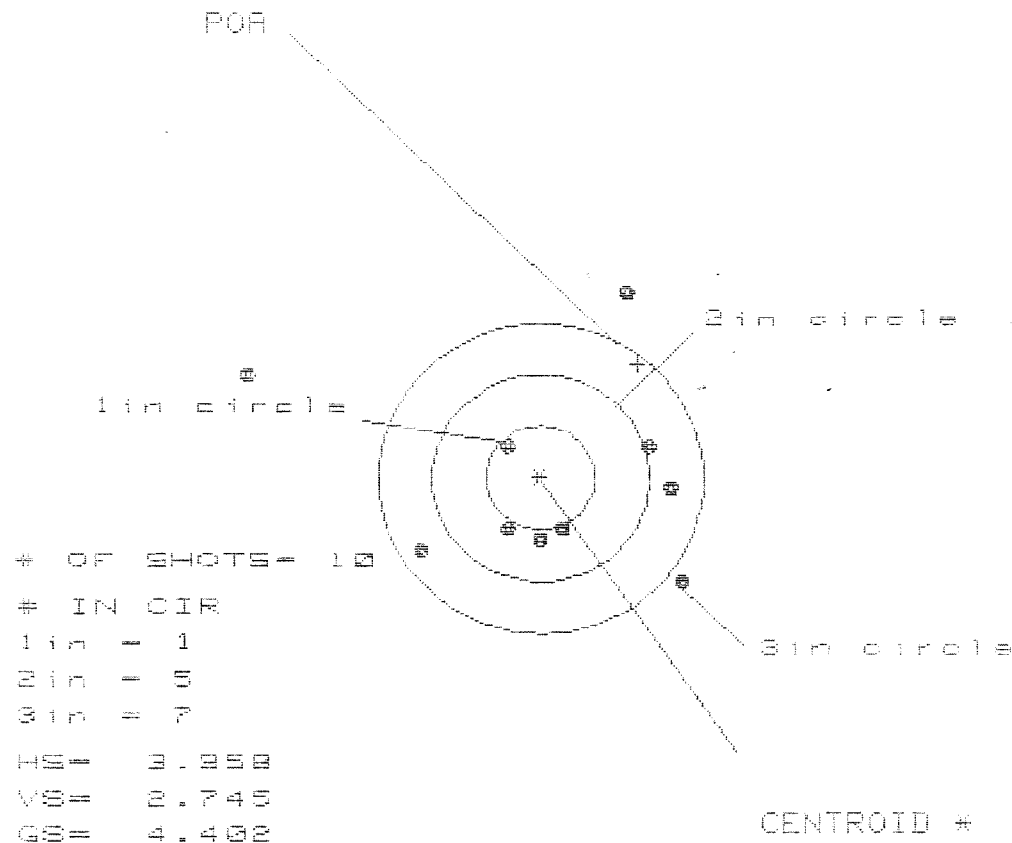
HS= 2.110

VS= 2.597

GS= 2.663

CENTROID #

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.907	.773	.670
MINIMUM X	:	-1.203	-.825	-.822
MAXIMUM Y	:	1.125	.971	1.001
MINIMUM Y	:	-1.382	-.727	-.605
CENTROID X	:	-.233	-.099	.004
CENTROID Y	:	-1.632	-1.479	-1.600
POA TO CENTROID in.	:	1.648	1.482	1.600
MIN RADIUS	:	.405	.346	.191
MEAN RADIUS	:	.904	.784	.689
MAX RADIUS	:	1.833	1.274	1.050
HORIZONTAL SPREAD	:	2.110	1.598	1.492
VERTICAL SPREAD	:	2.597	1.698	1.606
EXTREME SPREAD	:	2.663	2.332	1.885
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	9		



PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.277	.979	1.043
MINIMUM X	-2.681	-1.431	-1.367
MAXIMUM Y	1.792	1.900	.683
MINIMUM Y	-.953	-.845	-.607
CENTROID X	-.897	-.599	-.663
CENTROID Y	-1.105	-1.213	-1.450
POA TO CENTROID in.	1.423	1.353	1.595
MIN RADIUS	.469	.407	.162
MEAN RADIUS	1.210	.988	.808
MAX RADIUS	2.852	1.967	1.412
HORIZONTAL SPREAD	3.958	2.410	2.410
VERTICAL SPREAD	2.745	2.745	1.231
EXTREME SPREAD	4.402	3.155	2.424
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	7		

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225387

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		2/12/92	RW
600	Proof		2/12/92	RW
607	Check Headspace		2/12/92	RW
610	Dis-assemble Gun		2/12/92	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		2/24/92	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/24/92	RW
	C) Inspect Ejector Hole for Chamfer		2/24/92	RW
	D) Oil Firing Pin Ass'y		2/24/92	RW
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	3.5	4	4			2/26/92	RW
	G) Safety Off Force	2.5	2.5	2.5			2/26/92	RW
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.0205	.0205	.0205			2/26/92	RW
	J) Assemble Stock						2/25/92	RW
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies						2/25/92	RW
	M) Iron Sight Alignment						2/25/92	RW
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test						2-25-92	A
	A) Time						2-25-92	A
	B) Malfunctions						2-25-92	A
	C) Pierced Primers						2-25-92	A
	D) Optical Clarity of Scope						2-25-92	A
645	Inspect for Live Ammo						2-25-92	A
655	Final Inspection							
	A) Headspace						2/26/92	RW
	B) Trigger Pull	2.17	2.19	2.21	2.10	2.07	2/26/92	RW
	C) Function						2/26/92	RW
660	Pack							

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225387
26 Feb 1992

CENTROIDAL DISTANCES

Ø TO 1 .660604
1 TO 2 .647012
1 TO 3 .642097
1 TO 4 .731413
1 TO 5 .714199

1 ²/₃ <-----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .181
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .269742

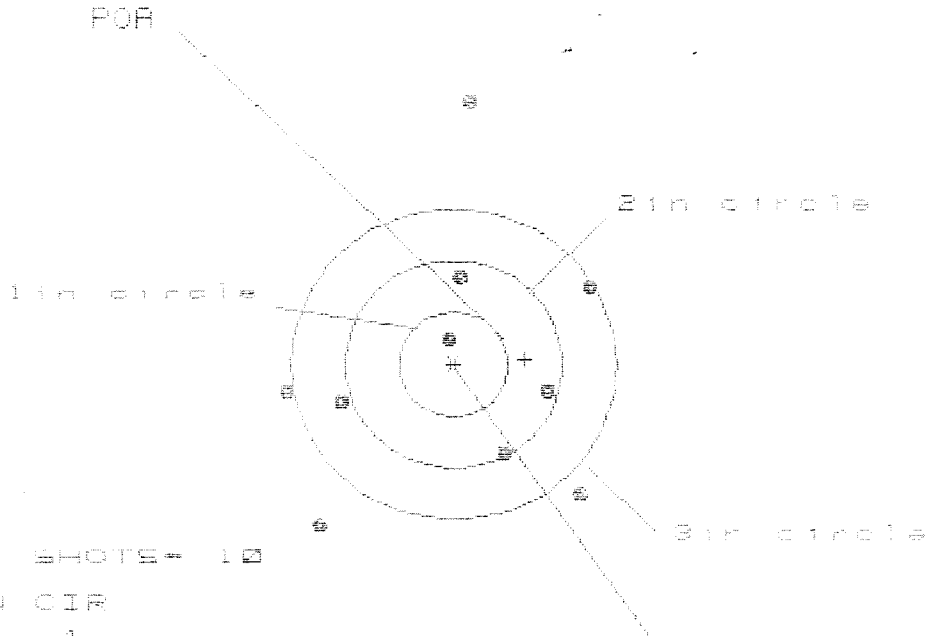
THE AMR FOR THIS RIFLE IS: 1.000

26 Feb 1992

FILE://PATTERNING/CENTERFIRE_PATT/08225387

CENTERFIRE PATTERNS

1



OF SHOTS= 10

IN CIR

1in = 1

2in = 4

3in = 6

HS= 2.817

VS= 4.544

GS= 4.276

CENTROID *

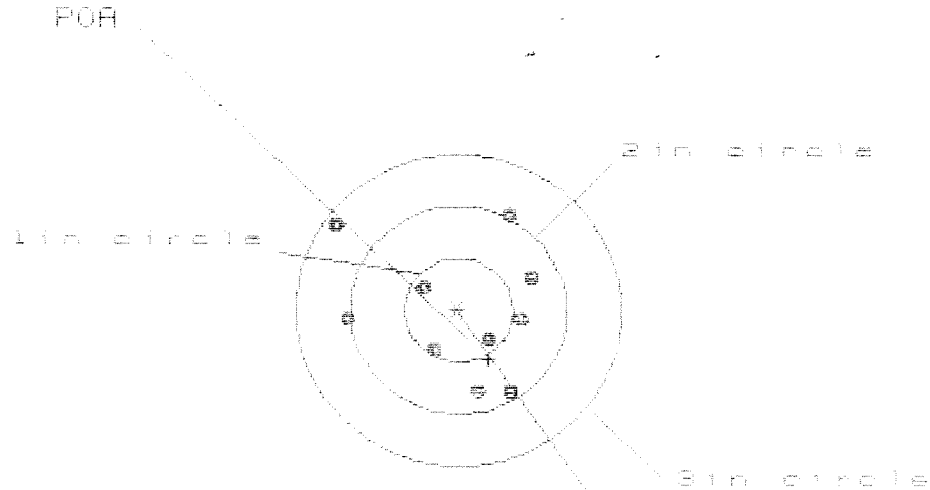
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.258	1.271	1.115
MINIMUM X	:	-1.559	-1.546	-1.783
MAXIMUM Y	:	2.437	1.156	.997
MINIMUM Y	:	-1.547	-1.269	-1.159
CENTROID X	:	-.659	-.672	-.515
CENTROID Y	:	-.046	-.324	-.165
POB TO CENTROID in.	:	.660	.746	.541
MIN RADIUS	:	.287	.560	.448
MEAN RADIUS	:	1.337	1.206	1.103
MAX RADIUS	:	2.500	1.784	1.705
HORIZONTAL SPREAD	:	2.817	2.817	2.817
VERTICAL SPREAD	:	4.044	2.425	2.156
EXTREME SPREAD	:	4.276	3.437	2.986
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		6	

25 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6325387

CENTERFIRE PATTERNS

2



OF SHOTS - 10

IN CIR

1 in = 3

2 in = 7

3 in = 10

HS# 1.724

VS# 1.776

CS# 2.278

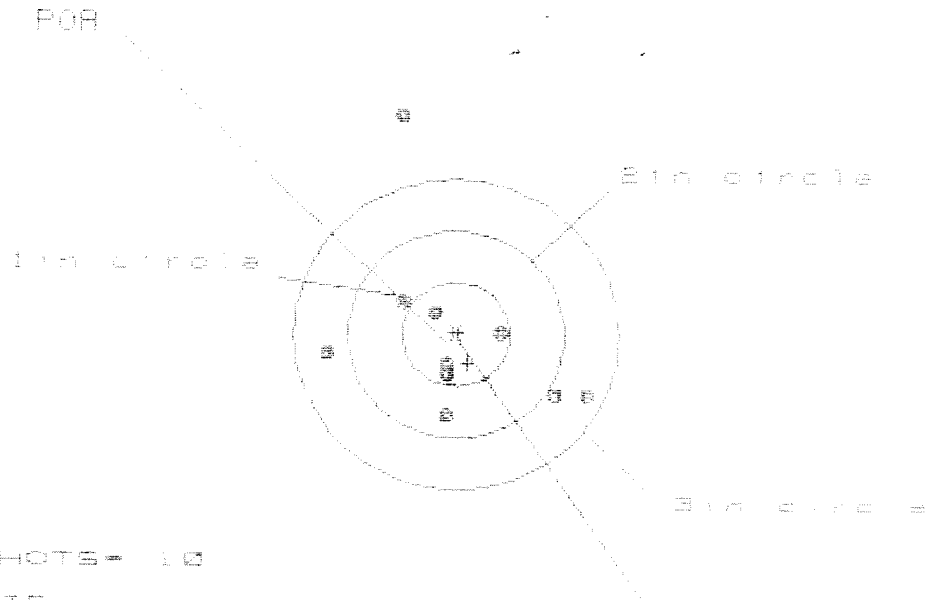
CENTROID

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.641	.521	.372
MINIMUM X	:	-1.083	-1.193	-1.592
MAXIMUM Y	:	.953	1.048	1.059
MINIMUM Y	:	-.823	-.728	-.726
CENTROID X	:	-.274	-.154	-.605
CENTROID Y	:	.474	.379	.377
POB TO CENTROID in.	:	.548	.409	.377
MIN RADIUS	:	.394	.268	.201
MEAN RADIUS	:	.777	.681	.595
MAX RADIUS	:	1.382	1.193	1.069
HORIZONTAL SPREAD	:	1.724	1.714	.954
VERTICAL SPREAD	:	1.776	1.776	1.776
EXTREME SPREAD	:	2.278	1.856	1.798
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

26 Feb 1982

FILE:/PATTERNING/CENTERFIRE_PATT/06225387

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 4

2 in = 5

3 in = 5

10 in = 4.426

20 in = 2.862

30 in = 3.192

CENTROID

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.236	1.177	1.039
MINIMUM X	-1.190	-1.249	-1.101
MAXIMUM Y	2.126	1.536	1.559
MINIMUM Y	-1.736	-1.500	-1.537
CENTROID X	-1.107	-1.048	-1.196
CENTROID Y	1.282	1.046	1.082
POA TO CENTROID in.	1.302	1.067	1.213
MIN RADIUS	1.269	1.170	1.111
MEAN RADIUS	1.864	1.677	1.591
MAX RADIUS	2.191	1.249	1.110
HORIZONTAL SPREAD	2.426	2.426	2.140
VERTICAL SPREAD	2.862	1.096	1.066
EXTREME SPREAD	3.192	2.449	2.176
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

26 Feb 1992

FILE:/PATTERNING/CENTERFIRE_PATT/C62253B7

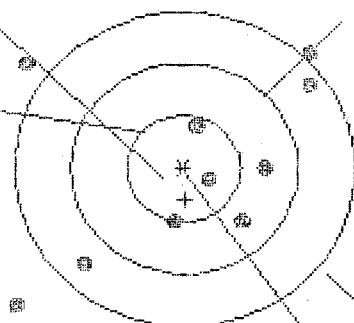
CENTERFIRE PATTERNS # 4

FOR

1 in circle

2 in circle

3 in circle



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 5

3 in = 7

HS= 2.630

VS= 2.391

GS= 3.554

CENTROID *

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.160	.997	.805
MINIMUM X	-1.470	-1.534	-1.250
MAXIMUM Y	1.109	.966	1.071
MINIMUM Y	-1.282	-1.056	-.951
CENTROID X	-.013	.150	.342
CENTROID Y	.297	.440	.335
FOR TO CENTROID in.	.297	.465	.479
MIN RADIUS	.232	.224	.175
MEAN RADIUS	1.040	.910	.766
MAX RADIUS	1.950	1.748	1.570
HORIZONTAL SPREAD	2.630	2.531	2.055
VERTICAL SPREAD	2.391	2.022	2.022
EXTREME SPREAD	3.554	2.883	2.883
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	7		

28 Feb 1992

FILE:/PATTERNING/CENTERFIRE_PAT/062353B.

CENTERFIRE PATTERNS

5

POH

1in circle

2in circle

3in circle

OF SHOTS- 10

IN 1IN

1 - 1

2 - 5

3 - 8

MEAN - 2.814

STD - 1.591

MAX - 3.141

CENTROID

PATTERN #

5

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.563	1.246	1.111
MINIMUM X	-4.251	-1.077	-1.043
MAXIMUM Y	.650	.789	.854
MINIMUM Y	-.741	-.802	-.703
CENTROID X	.033	-.121	.014
CENTROID Y	-.102	-.041	-.140
POH TO CENTROID in.	.115	.128	.141
MIN RADIUS	.163	.347	.198
MEAN RADIUS	1.020	.962	.706
MAX RADIUS	1.656	1.468	1.301
HORIZONTAL SPREAD	2.814	2.323	2.204
VERTICAL SPREAD	1.591	1.591	1.557
EXTREME SPREAD	3.141	2.801	2.110
NUMBER IN ONE INCH CIRCLE	=	1	
NUMBER IN TWO INCH CIRCLE	=	5	
NUMBER IN THREE INCH CIRCLE	=	8	

(PLEASE PRINT CLEARLY)

RETURN:

☐ Clark Street Entrance☒ Via US Mail or UPS

FIREARMS DELIVERED TO PLANT

FILE Nº 006786DATE 1/27/92OWNER'S NAME: CPT STEPHENSONOWNER'S ADDRESS: Co D 2nd Bn 1st SWTGFT Bragg N.C.

ZIP: _____

PHONE: 919 396 7330

FIREARM

MODEL: M-24

REMINGTON EMPLOYEE:

YES ☐ NO ☒

EMPLOYEE # _____

DEPT. # _____

GAUGE: 308 CalSERIAL # C6225387CHECK FOR AMMUNITION ☒

CONDITION:

WOOD GOOD FAIR POOR FANCY PLAINMETAL GOOD FAIR POOR FANCY PLAINBARREL VT. RIB PLAIN DEER RSS

ACCESSORIES:

SCOPE: YES NO (BRAND NAME/POWER) _____SLING: YES NO GUN CASE: YES NO (HARD - SOFT)

EXTRA BBL FOR GUN MENTIONED ABOVE: _____

OTHER (Note in this area items missing or added from orig. equipment)

CUSTOMER REQUEST: Replace BarrelSIGNATURE: Daniel E. Housley
(Person delivering firearm to Plant)DATE: 27 Jan 92SIGNATURE: T. DeKoeke
(Security Officer)DATE: 1/27/92SIGNATURE: Mat
(Firearm picked up by)DATE: 1-28-92

Arm Service Copy

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225387

CENTROIDAL DISTANCES

0 TO	1	1.38034
1 TO	2	1.54132
1 TO	3	.375111
1 TO	4	.672914
1 TO	5	.184396

2 + (----POA
S₁ 3
+

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.56
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.9226
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 1.07925
THE AMR FOR THIS RIFLE IS: 1.065

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 95-08695

M-24 SNIPER

INITIAL / CUSTOMER ORDER NO.
JJH 9499

DATE RECEIVED 03/14/95	DATE OPENED 03/14/95	DATE CODE LM 2-92	SERIAL NUMBER C6225387	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62 NATO
ACCESSORIES W/STUDS		SCOPE BASE			

FROM:

DEPARTMENT OF THE ARMY
COMMANDER
D CO 2ND BN 1ST SWTG
FORT BRAGG

NC 28307

SHIP TO:

DEPARTMENT OF THE ARMY
COMMANDER
D CO 2ND BN 1ST SWTG
FORT BRAGG

NC

28307

CUST NO: 092876 C.O.D.L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

DOOR

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.	New	Barrel		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

PTS

COMMENTS

Barrel - 96003
Front Sight Mounting Base - 96011
Rear Sight Mounting Base - 96016

Re-powder Coat - Trigger Guard
Assy.
Re Zinc - Scope Base & Swivel
Studs.

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
-----------	-------	-------	------	--------	---------

RW	✓	✓	✓	✓	
----	---	---	---	---	--

GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
RW	3/16/95	3/31/95	4/3/95	4/3/95	

OFFICE COPY

RD6325 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400059781

PAYMENT:

Mastercard / Visa (circle one)

Card #:

Exp. Date:

Signature

RETURN:

☐ Clark Street Entrance☐ Via US Mail or UPS

(PLEASE PRINT CLEARLY)

FIREARMS DELIVERED TO PLANT

FILE NO. 009496

DATE 3/13/95

CUSTOMER NAME:

US ARMY

ADDRESS:

D Co 2nd Bn 1st SWTG

FT Bragg NC

ZIP:

28367

PHONE:

910-432-9037

FIREARM

MODEL: M-24

CHECK FOR AMMUNITION

GAUGE: 7.62

SERIAL # 16225387

CONDITION:

WOOD

GOOD

FAIR

POOR

FANCY

PLAIN

METAL

GOOD

FAIR

POOR

FANCY

PLAIN

BARREL

VT. RIB

PLAIN

DEER RSS

ACCESSORIES:

SCOPE: YES

NO

(BRAND NAME/POWER)

SLING: YES

NO

GUN CASE: YES

NO

(HARD - SOFT)

EXTRA BBL FOR GUN MENTIONED ABOVE:

OTHER (Note in this area items missing or added from orig. equipment)

CUSTOMER REQUEST:

SIGNATURE:

(Person delivering firearm to Plant)

DATE:

13 MAR 95

SIGNATURE:

(Security Officer)

DATE:

3/13/95

SIGNATURE:

(Firearm picked up by)

DATE:

3-14-95

Arm Service Copy

Final Inspection

Sni: C6225387

DATE REC'D: 3/14/95

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 # C6225387

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		3/16/95	RW
600	Proof		3/16/95	RW
607	Check Headspace		3/16/95	RW
610	Dis-assemble Gun		3/16/95	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		3/31/95	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		3/31/95	RW
	C) Inspect Ejector Hole for Chamfer		3/31/95	RW
	D) Oil Firing Pin Ass'y		3/31/95	RW
	E) Adjust Trigger Pull to Min Setting and Stake			

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					4/3/95	RW
	A) Time						
	B) Malfunctions						
	C) Pierced Primers						
	D) Optical Clarity of Scope						
645	Inspect for Live Ammo					4/3/95	RW
655	Final Inspection						
	A) Headspace					4/3/95	RW
	B) Trigger Pull						
	C) Function					4/3/95	RW
660	Pack						

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225387
22 May 1995

CENTROIDAL DISTANCES

0 TO	1	.0292062
1 TO	2	.445091
1 TO	3	.319263
1 TO	4	.252834
1 TO	5	.148192

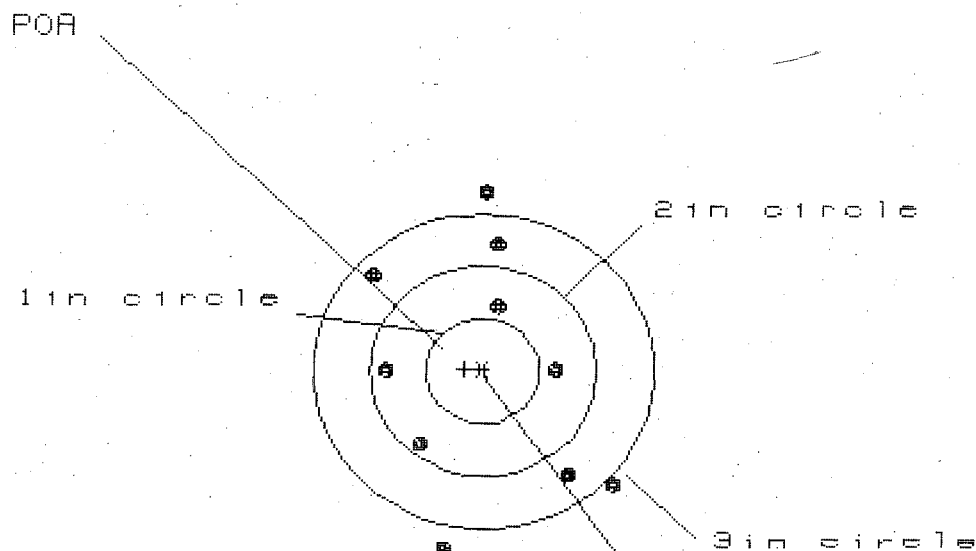
$\frac{3}{2} \frac{1}{2}$ (----)POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0284
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1216
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .124872
THE BMR FOR THIS RIFLE IS: 1.079

25 Apr 1995

FILE:/PATTERNING/CENTERFIRE_PATT/C6225387

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 0

2in = 4

3in = 7

HS= 2.132

VS= 3.360

GS= 3.389

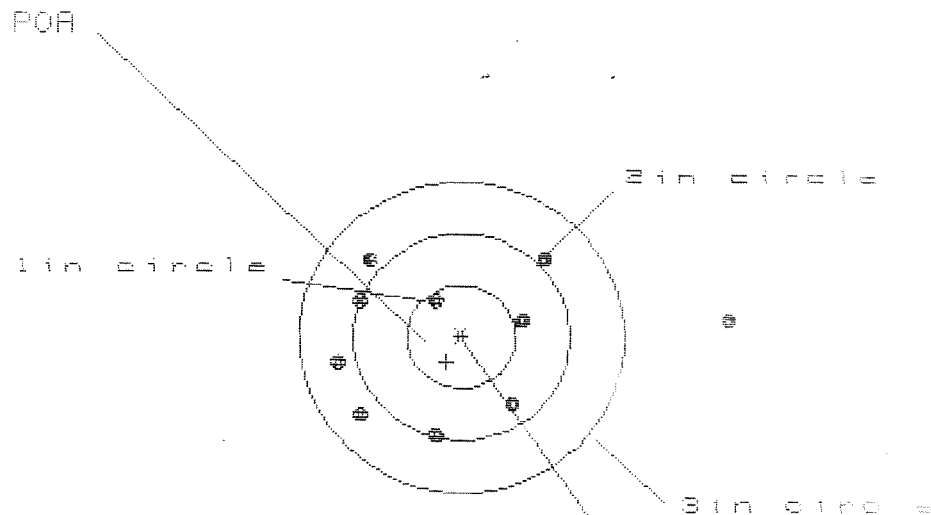
CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.140	1.099	1.103
MINIMUM X	:	-.992	-1.033	-1.029
MAXIMUM Y	:	1.688	1.503	1.261
MINIMUM Y	:	-1.671	-1.250	-1.062
CENTROID X	:	.162	.203	.199
CENTROID Y	:	-.012	.173	-.015
POA TO CENTROID in.	:	.162	.267	.200
MIN RADIUS	:	.600	.452	.562
MEAN RADIUS	:	1.186	1.108	1.056
MAX RADIUS	:	1.712	1.665	1.531
HORIZONTAL SPREAD	:	2.132	2.132	2.132
VERTICAL SPREAD	:	3.360	2.753	2.323
EXTREME SPREAD	:	3.389	2.954	2.915
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

25 Apr 1995

FILE:/PATTERNING/CENTERFIRE.M24005387

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

ISI = 3.640

VS = 1.759

GS = 3.661

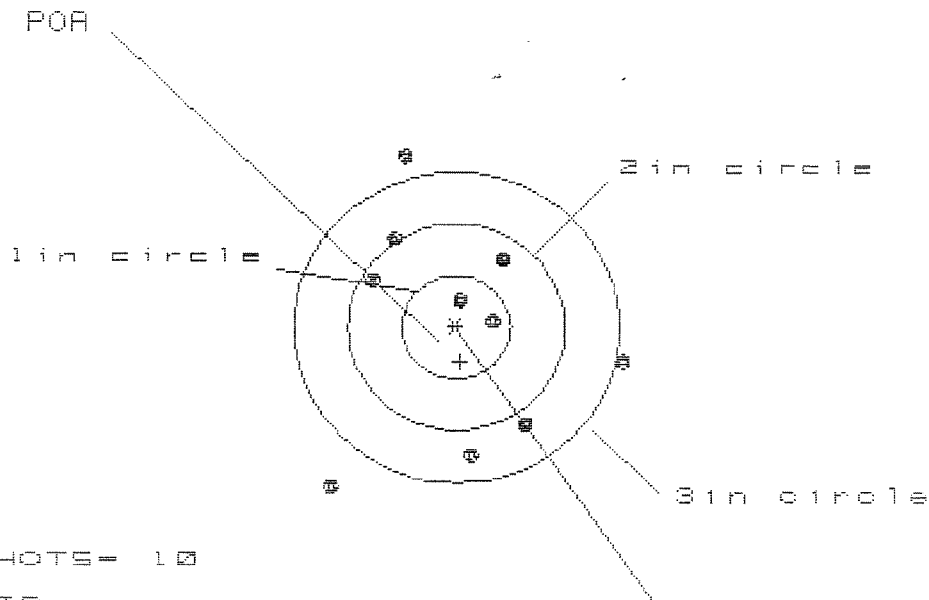
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.510	1.022	.945
MINIMUM X	:	-1.130	-.851	-.928
MAXIMUM Y	:	.801	.819	.725
MINIMUM Y	:	-.958	-.941	-1.034
CENTROID X	:	.139	-.140	-.063
CENTROID Y	:	.245	.228	.321
POA TO CENTROID in.	:	.282	.268	.327
MIN RADIUS	:	.377	.349	.246
MEAN RADIUS	:	1.077	.882	.858
MAX RADIUS	:	2.515	1.308	1.190
HORIZONTAL SPREAD	:	3.640	1.873	1.873
VERTICAL SPREAD	:	1.759	1.759	1.759
EXTREME SPREAD	:	3.661	2.261	2.142
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

25 Apr 1995

FILE:/PATTERNING/CENTERFIRE_PATT/06225387

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 4

3 in = 7

HS = 2.694

VS = 3.210

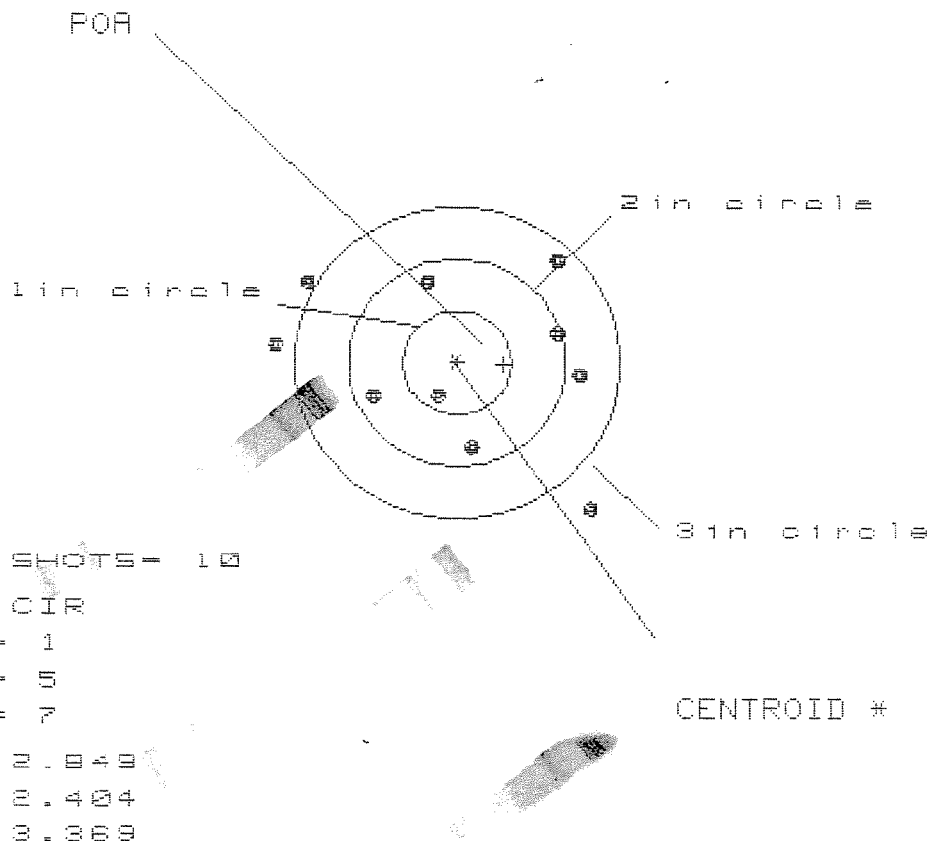
GS = 3.279

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.518
MINIMUM X	-1.176
MAXIMUM Y	1.642
MINIMUM Y	-1.568
CENTROID X	-.034
CENTROID Y	.338
POA TO CENTROID in.	.339
MIN RADIUS	.257
MEAN RADIUS	1.090
MAX RADIUS	1.959
HORIZONTAL SPREAD	2.694
VERTICAL SPREAD	3.210
EXTREME SPREAD	3.279
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	4
NUMBER IN THREE INCH CIRCLE =	7

25 Apr 1995

FILE:/PATTERNING/CENTERFIRE_PATT/08225387

CENTERFIRE PATTERNS # 2



PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.194	1.285	1.095
MINIMUM X	:	-1.655	-1.522	-1.471
MAXIMUM Y	:	1.010	.856	.858
MINIMUM Y	:	-1.393	-.955	-.953
CENTROID X	:	-.427	-.560	-.370
CENTROID Y	:	.014	.169	.167
FOR TO CENTROID in.	:	.428	.585	.406
MIN RADIUS	:	.352	.466	.514
MEAN RADIUS	:	1.139	1.062	.990
MAX RADIUS	:	1.835	1.522	1.584
HORIZONTAL SPREAD	:	2.849	2.807	2.566
VERTICAL SPREAD	:	2.404	1.811	1.811
EXTREME SPREAD	:	3.369	2.824	2.711
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

25 Apr 1995

FILE:/PATTERNING/CENTERFIRE_PATT/C6225387

CENTERFIRE PATTERNS

1

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS - 10

IN CIR

1in = 3

2in = 6

3in = 9

HS = 2.132

VS = 2.734

GS = 2.744

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.906	.968	.822
MINIMUM X	:	-1.226	-1.164	-1.143
MAXIMUM Y	:	.948	.749	.721
MINIMUM Y	:	-1.786	-.567	-.595
CENTROID X	:	.018	-.044	.102
CENTROID Y	:	.023	.222	.250
POA TO CENTROID in.	:	.030	.226	.270
MIN RADIUS	:	.433	.289	.270
MEAN RADIUS	:	.901	.764	.692
MAX RADIUS	:	1.871	1.186	1.161
HORIZONTAL SPREAD	:	2.132	2.132	1.965
VERTICAL SPREAD	:	2.734	1.316	1.316
EXTREME SPREAD	:	2.744	2.199	2.122
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	