C625147

MODEL 700™ M24

Model SWS™

Action

Barrel Length

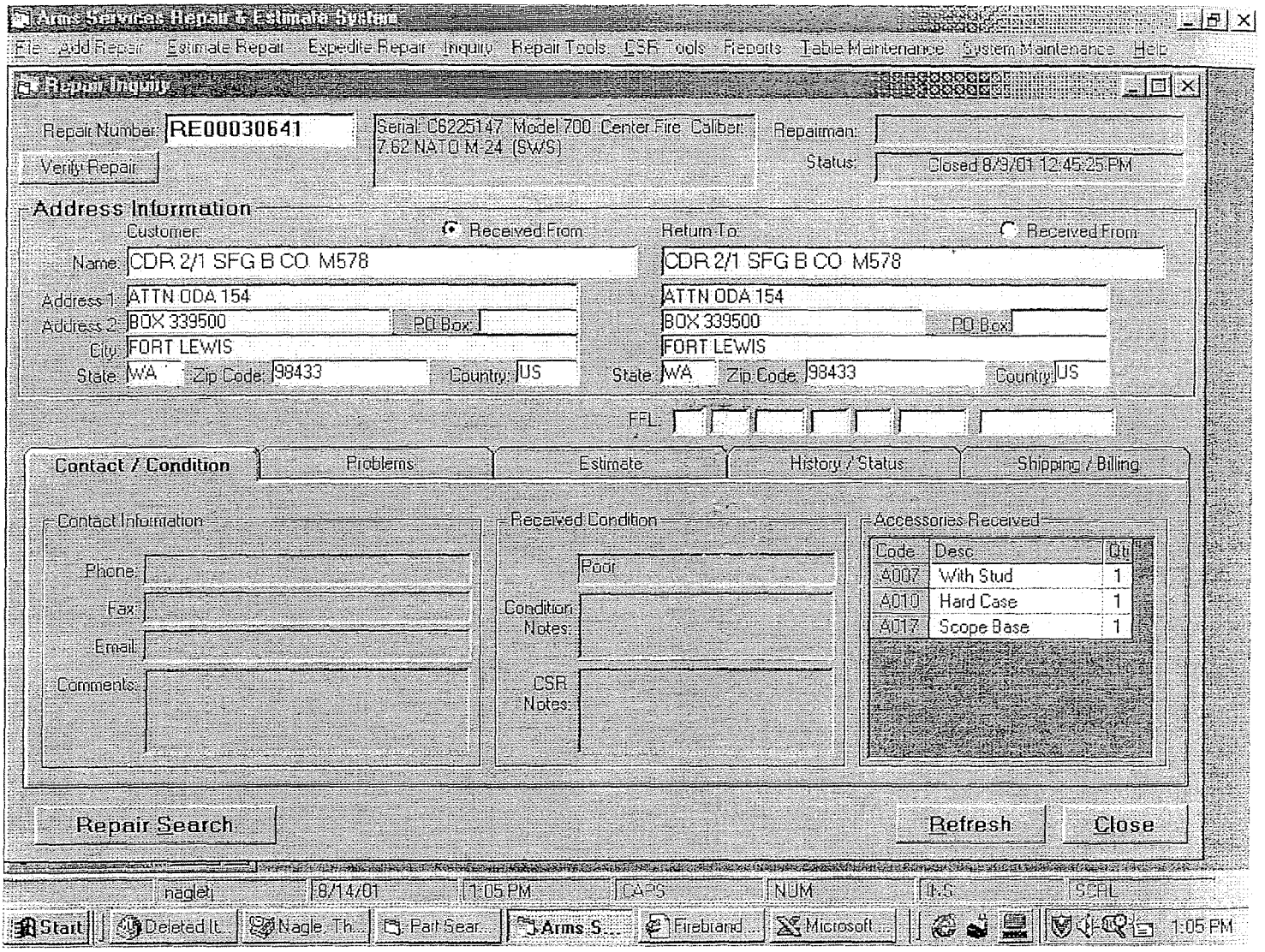
Capacity

Order No. 5716

*Includes 1 in chamber.

Remington®


Serial/Lot Number:
C6225147
Model: 700
RE00030641



Part Lot Number: C6225147

Model: 700

RE00030641

Remington Test Lab, Ilion, N.Y.

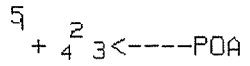
Centroidal distance calculations for Rifle # C6225147
28 Aug 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1254
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0838
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .150823

THE AMR FOR THIS RIFLE IS: 1.038

CENTROIDAL DISTANCES

0	TO	1	.203214
1	TO	2	.396295
1	TO	3	.586986
1	TO	4	.382744
1	TO	5	.0685055

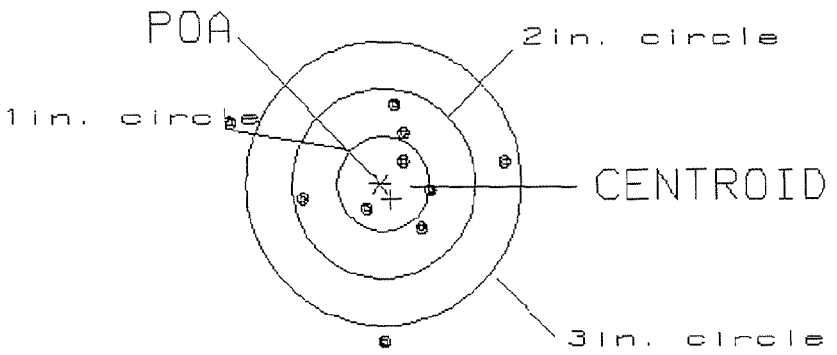


REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: □ 1 □	
POA TO CENTROID:	.203
MIN RADIUS :	.289
MEAN RADIUS :	.870
MAX RADIUS :	1.777
CENTROID X :	-.120
CENTROID Y :	.164

28 Aug 2001 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/CG225147

CENTERFIRE PATTERN # 1



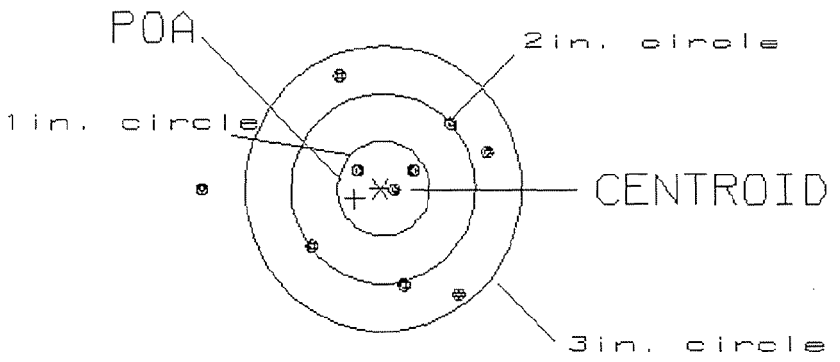
# OF SHOTS= 10	# IN CIRCLE
HS= 2.93	2
VS= 2.46	7
GS= 2.96	8

REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: □ 2 □	
POA TO CENTROID:	.295
MIN RADIUS :	.087
MEAN RADIUS :	.955
MAX RADIUS :	1.943
CENTROID X :	.273
CENTROID Y :	.113

28 Aug 2001 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225147

CENTERFIRE PATTERN # 2



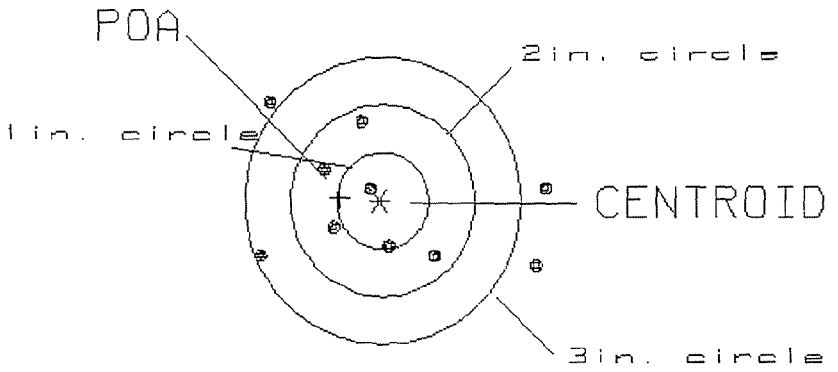
# OF SHOTS= 10	# IN CIRCLE
HS= 3.02	3
VS= 2.35	4
GS= 3.05	9

REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: □ 3 □	
POA TO CENTROID:	.435
MIN RADIUS :	.213
MEAN RADIUS :	1.022
MAX RADIUS :	1.777
CENTROID X :	.434
CENTROID Y :	-.030

28 Aug 2001 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/CG225147

CENTERFIRE PATTERN # 3



# OF SHOTS= 10	# IN CIRCLE
HS= 3.06	2
VS= 1.68	6
GS= 3.31	7

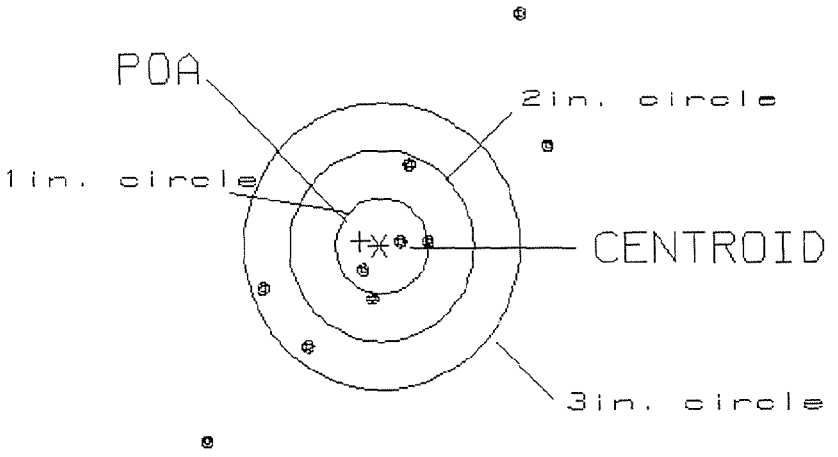
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: □ 4 □

POA TO CENTROID:		.204
MIN RADIUS	:	.188
MEAN RADIUS	:	1.297
MAX RADIUS	:	2.899
CENTROID X	:	.198
CENTROID Y	:	-.049

28 Aug 2001 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225147

CENTERFIRE PATTERN # 4



# OF SHOTS= 10	# IN CIRCLE
HS= 3.63	2
VS= 4.54	5
GS= 5.68	7

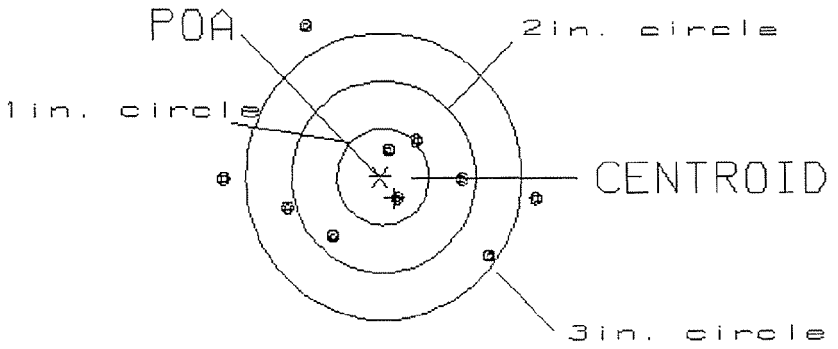
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: □ 5 □

POA TO CENTROID:		.271
MIN RADIUS	:	.245
MEAN RADIUS	:	1.044
MAX RADIUS	:	1.849
CENTROID X	:	-.158
CENTROID Y	:	.221

28 Aug 2001 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225147

CENTERFIRE PATTERN # 5



# OF SHOTS= 10	# IN CIRCLE
HS= 3.37	2
VS= 2.47	5
GS= 3.38	7

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

R & E NUMBER 30641

SERIAL NUMBER CL622S147

LOG-IN DATE 8/9/01

INSPECT AND VERIFY:

OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	8/21/01	RH
560 A	RE-BARREL AT CUSTOM SHOP	8/21/01	BWT
B	DRILL AND TAP	8/21/01	BWT
C	POLISH	8/22/01	GD
575	ASSEMBLE	8-22-01	RH
600	PROOF	8-22-01	RW
605	CHECK HEADSPACE	8-22-01	RW
610	DIS-ASSEMBLE GUN	8-22-01	RW
612	MAGNAFLUX	8-23-01	DRD
615	ROLLMARK CALIBER	8-22-01	RW
618	ROTO-BLAST	8/23	
620	APPLY COATINGS	8-24-01	TA
625 A	FINAL ASSEMBLY	8-27-01	RH
B	TRIGGER PULL TEST	8-28-01	RH
C	SAFETY "ON" FORCE	8-28-01	RH
D	SAFETY "OFF" FORCE	8-28-01	RH
E	FIRING PIN INDENT	8-28-01	RH
640	TARGET	8/28/01	AJAC
655	FINAL INSPECT	8-29-01	RH
660	PACK	8-30-01	DM

MAGNA - FLUX
INSPECTED
AUG 23 2001
OPERATOR DRD

QAR INSPECTION DATE

SHIP DATE

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

SERIAL NO. C622514?
DATE 8/27/01
TESTER R&H

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	236	2.35	257		MIN. SETTING,
PULL #2	237	2.56	2.49		NO AVG. OF 5
PULL #3	242	2.50	2.56		READINGS ACCEPT-
PULL #4	2.34	2.53	2.48		ABLE LESS THAN 2#
PULL #5	2.40	2.54	2.54		
TOTAL	11.89	12.48	12.64		
AVG.	237	2.49	2.52		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.17	3.11		
PULL #2	3.11	3.13		
PULL #3	3.13	3.17		
PULL #4	3.10	3.02		
PULL #5	3.08	3.14		
TOTAL	15.59	15.57		
AVG.	3.11	311		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.11	4.26		4.20
PULL #2	4.13	4.32		4.08
PULL #3	4.14	4.34		4.13
PULL #4	4.17	4.36		4.16
PULL #5	4.18	4.35		4.15
TOTAL	2073	2163		20.72
AVG.	414	432		414

SWS/Repair

[redacted]

Final Inspection

ID: C622 5147	DATE REC'D: 8-9-01	DATE RET'D: 9-6-01

AUDITOR: BH

Item:
Barrel Assy.
- ✓ Barrel
- ✓ Receiver
- ✓ Front Sight Block
- ✓ Rear Sight Block
- ✓ Screws
- ✓ Finish

Item:
Stock Assy.
- ✓ Stock
- ✓ Sling Swivel Studs
- ✓ Adjustable Butt Plate
- ✓ Lock Nuts
- ✓ Barrel Clearance
- ✓ Color/Finish

Scope Assy.
- ___ Scope
- ___ Scope Rings
- ___ Mounting Screws
- ___ Mounting Base
- ___ Screws
- ___ Finish
- ___ Looseness
- ___ Clarity

Systems Case
- ___ Scope Case
- ___ Iron Sights
- ___ Depoyment Kit

Trigger
- ✓ Safety Operation
- ___ Set
- ___

Misc.
- ___ DD-250
- ___ Bar Code
- ___ Packaging

Comments: _____

UPC
0 47700 25716 7
Remington
DUPONT
REG. U.S. PAT. & TM. OFF.
VERY IMPORTANT
Instruction Book
enclosed to assure
safe use of this
firearm
MODEL 700TM M24
SERIAL NO.
C6225147
ORDER NO.
5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off., Marca Registrada Marque Deposee.
01
5716 C6225147

Scope 0548

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225147

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	4 4	89	RW
600	Proof	4 4	89	RW
607	Check Headspace	4 4	89	RW
610	Dis-assemble Gun	4 4	89	RW
612	Magnaflux Barrel Action	4-6	89	KCR
	Magnaflux Bolt	4-7	89	KCR
615	Rollmark Caliber	4-7	89	G.S.
617	Drill and Tap Sight Holes	4 7	89	T.B
618	Polish Barrel	4 7	89	BT
620	Apply Coatings (Barrel Action)		4-19-89	TSH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/24/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/24/89	RW
	C) Inspect Ejector Hole for Chamfer		4/24/89	RW
	D) Oil Firing Pin Ass'y		4/24/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4/28/89	WB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4.75	4.5	4.75			4/28/89	WB
	G) Safety Off Force	3.0	3.0	3.0			4/28/89	WB
	H) Trigger Pull Test & Retainability						4/28/89	WB
	I) Firing Pin Indent	.0205	.021	.0205			4/28/89	WB
	J) Assemble Stock						4/28/89	RW
	K) Assemble Swivel Studs						16 May 89	KS
	L) Attach Front and Rear Sight Assemblies						4/28/89	RW
	M) Iron Sight Alignment						4/28/89	RW
	N) Detach Front & Rear Sights & place in numbered container						4/28/89	RW
	O) Attach Scope to Rifle						4/28/89	WB
	P) Detach & Attach Scope 20 Times						4/28/89	WB
640	Gallery Target & Test	45 R 107 L					4/28/89	DH
	A) Time						4/28/89	DH
	B) Malfunctions						4/28/89	DH
	C) Pierced Primers						4/28/89	DH
	D) Optical Clearity of Scope						4/28/89	DH
645	Inspect for Live Ammo						4/28/89	DH
655	Final Inspection A) Headspace						16 May 89	KS
	B) Trigger Pull	2.43	2.42	2.39	2.41	2.46	16 May 89	KS
	C) Function						16 May 89	KS
660	Pack						2 June 89	KS

SWS TRIGGER PULL TEST

SERIAL NO. C 6725147

DATE 4/28/89

TESTER W.B

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

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.45	2.22	2.37	2.43	MIN. SETTING,
PULL #2	2.51	2.23	2.42	2.42	NO AVG. OF 5
PULL #3	2.42	2.37	2.39	2.39	READINGS ACCEPT-
PULL #4	2.46	2.57	2.56	2.41	ABLE LESS THAN 2#
PULL #5	2.43	2.37	2.45	2.46	
TOTAL	12.27	11.76	12.19	12.11	
AVG.	2.45	2.37	2.44	2.422	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.31	3.27		
PULL #2	3.23	3.15		
PULL #3	3.27	3.35		
PULL #4	3.07	3.26		
PULL #5	3.13	3.45		
TOTAL	16.01	16.48		
AVG.	3.20	3.30		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.43	4.32		4.41
PULL #2	4.13	4.12		4.39
PULL #3	4.13	4.11		4.40
PULL #4	4.12	4.33		4.41
PULL #5	4.23	4.42		4.55
TOTAL	21.04	21.30		22.16
AVG.	4.21	4.26		4.43

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225147
1 May 1989

CENTROIDAL DISTANCES

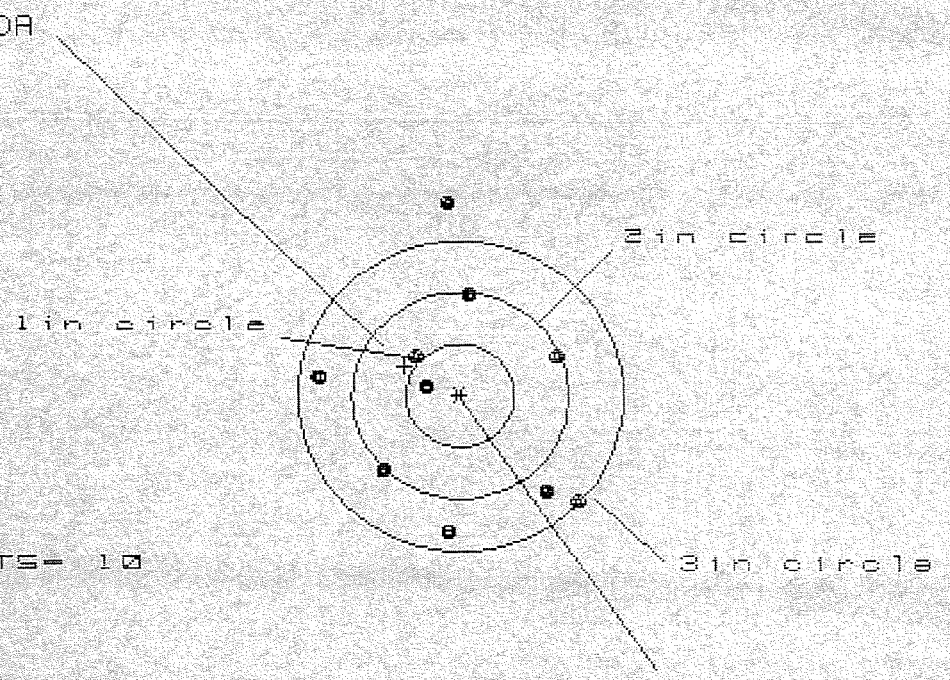
0	TO	1	.586758
1	TO	2	.228668
1	TO	3	.25686
1	TO	4	.37864
1	TO	5	.0123693

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3512
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2324
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .421131

THE AMR FOR THIS RIFLE IS: 1.139

28 Apr 1989 FILE:/PATTERNING/CENTERFIRE_PATT/C6225147

CENTERFIRE PATTERNS # 1

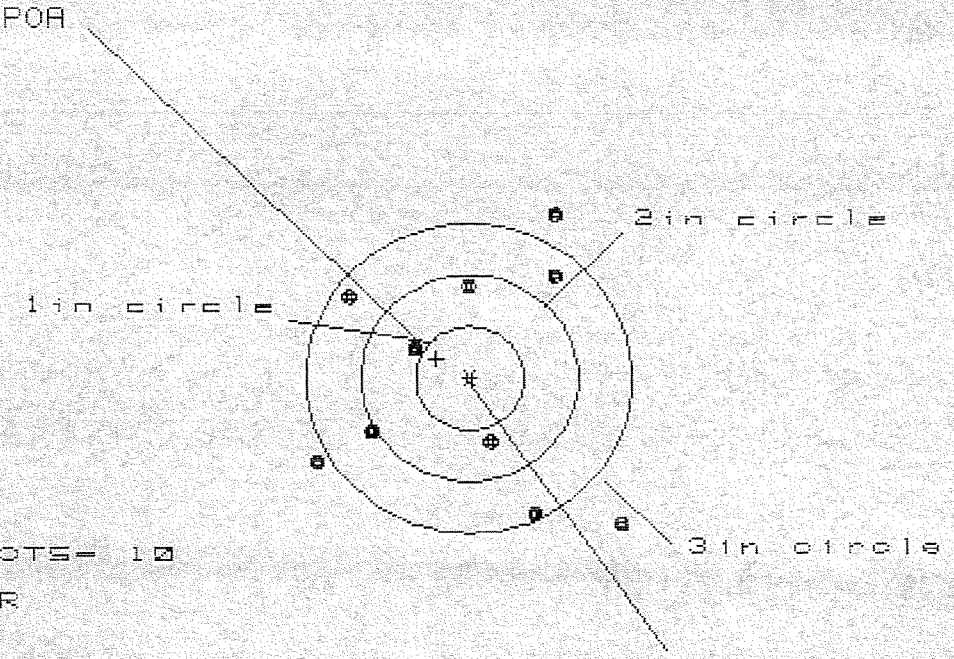


# OF SHOTS= 10
# IN CIR
1in = 1
2in = 4
3in = 9
HS= 2.371
VS= 3.134
GS= 3.135

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.082	1.067	1.050
MINIMUM X	:	-1.289	-1.304	-1.170
MAXIMUM Y	:	1.847	1.142	1.043
MINIMUM Y	:	-1.286	-1.081	-1.179
CENTROID X	:	.514	.529	.395
CENTROID Y	:	-.283	-.488	-.389
POA TO CENTROID in.	:	.586	.719	.555
MIN RADIUS	:	.346	.461	.296
MEAN RADIUS	:	1.088	1.003	.930
MAX RADIUS	:	1.852	1.357	1.203
HORIZONTAL SPREAD	:	2.371	2.371	2.220
VERTICAL SPREAD	:	3.134	2.223	2.223
EXTREME SPREAD	:	3.135	2.640	2.291
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

28 Apr 1989 FILE:/PATTERNING/CENTERFIRE_PATT/C6225147

CENTERFIRE PATTERNS # 2

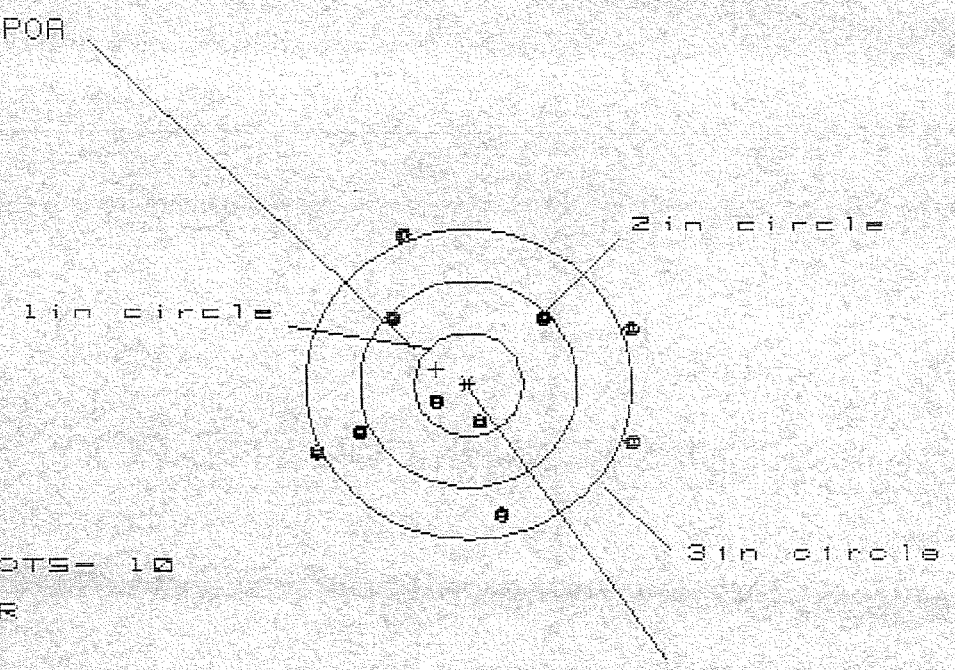


# OF SHOTS= 10
# IN CIR
1in = 0
2in = 4
3in = 7
HS= 2.723
VS= 3.012
GS= 3.339

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.366	.988	1.110
MINIMUM X	:	-1.357	-1.205	-1.083
MAXIMUM Y	:	1.572	1.412	1.036
MINIMUM Y	:	-1.440	-1.520	-1.344
CENTROID X	:	.306	.154	.032
CENTROID Y	:	-.188	-.028	-.204
POA TO CENTROID in.	:	.359	.156	.207
MIN RADIUS	:	.605	.394	.418
MEAN RADIUS	:	1.269	1.157	1.071
MAX RADIUS	:	1.985	1.715	1.606
HORIZONTAL SPREAD	:	2.723	2.193	2.193
VERTICAL SPREAD	:	3.012	2.932	2.380
EXTREME SPREAD	:	3.339	3.233	2.861
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

28 Apr 1989 FILE:/PATTERNING/CENTERFIRE_PATT/C6225147

CENTERFIRE PATTERNS # 3

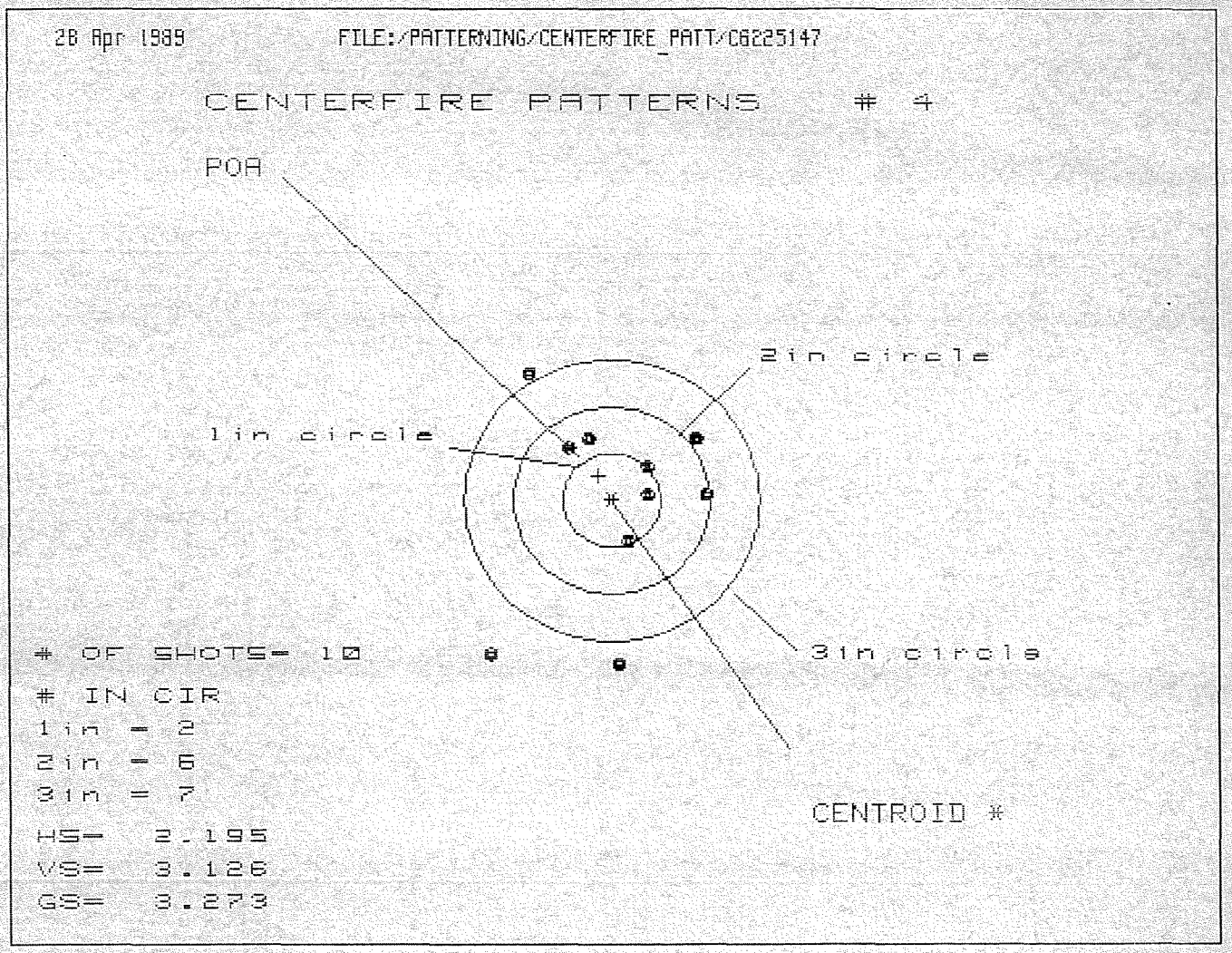


OF SHOTS= 10

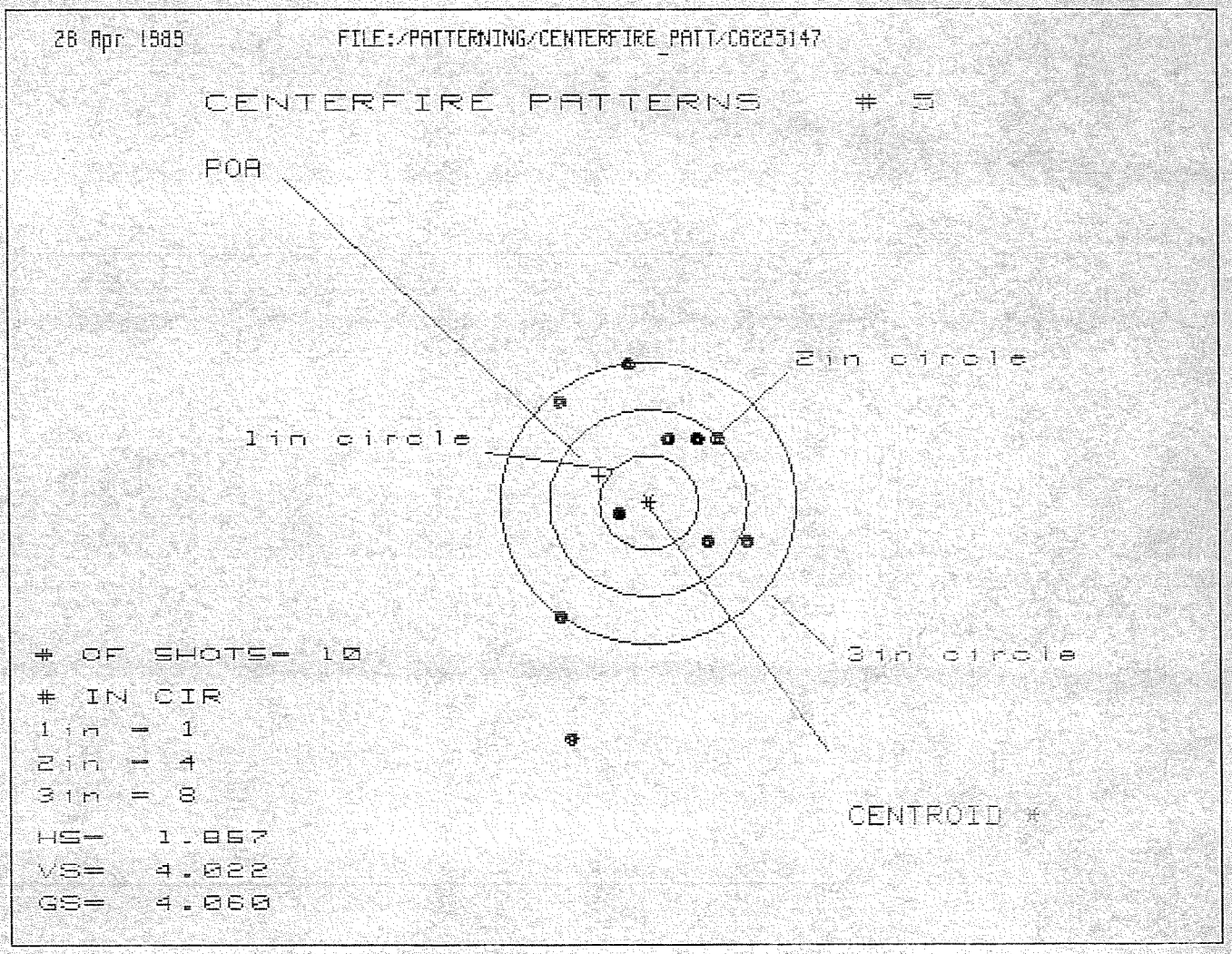
# IN CIR
1in = 2
2in = 4
3in = 6

HS= 2.916
VS= 2.738
GS= 3.154

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.506	1.661	1.604
MINIMUM X	:	-1.410	-1.243	-1.300
MAXIMUM Y	:	1.487	1.553	.902
MINIMUM Y	:	-1.251	-1.185	-.991
CENTROID X	:	.298	.131	.188
CENTROID Y	:	-.144	-.210	-.404
POA TO CENTROID in.	:	.331	.247	.445
MIN RADIUS	:	.323	.143	.206
MEAN RADIUS	:	1.136	1.049	.964
MAX RADIUS	:	1.619	1.726	1.627
HORIZONTAL SPREAD	:	2.916	2.904	2.904
VERTICAL SPREAD	:	2.738	2.738	1.893
EXTREME SPREAD	:	3.154	2.931	2.965
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		6	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.964	.827	.822
MINIMUM X	:	-1.232	-1.004	-1.009
MAXIMUM Y	:	1.383	1.201	.960
MINIMUM Y	:	-1.743	-1.925	-.843
CENTROID X	:	.136	.272	.277
CENTROID Y	:	-.261	-.079	.162
POA TO CENTROID in.	:	.294	.283	.321
MIN RADIUS	:	.391	.297	.191
MEAN RADIUS	:	1.027	.855	.699
MAX RADIUS	:	2.053	1.926	1.392
HORIZONTAL SPREAD	:	2.195	1.831	1.831
VERTICAL SPREAD	:	3.126	3.126	1.803
EXTREME SPREAD	:	3.273	3.273	2.234
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		7	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.973	.889	.851
MINIMUM X	:	-.894	-.978	-1.016
MAXIMUM Y	:	1.534	1.257	.946
MINIMUM Y	:	-2.488	-1.454	-1.297
CENTROID X	:	.502	.586	.624
CENTROID Y	:	-.286	-.009	-.166
POA TO CENTROID in.	:	.577	.587	.645
MIN RADIUS	:	.375	.405	.538
MEAN RADIUS	:	1.177	.966	.925
MAX RADIUS	:	2.603	1.739	1.632
HORIZONTAL SPREAD	:	1.867	1.867	1.867
VERTICAL SPREAD	:	4.022	2.711	2.243
EXTREME SPREAD	:	4.060	2.789	2.491
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	