C6522277

MODEL 700™ M24

Model SWS ™

Action

Barrel Length

Capacity

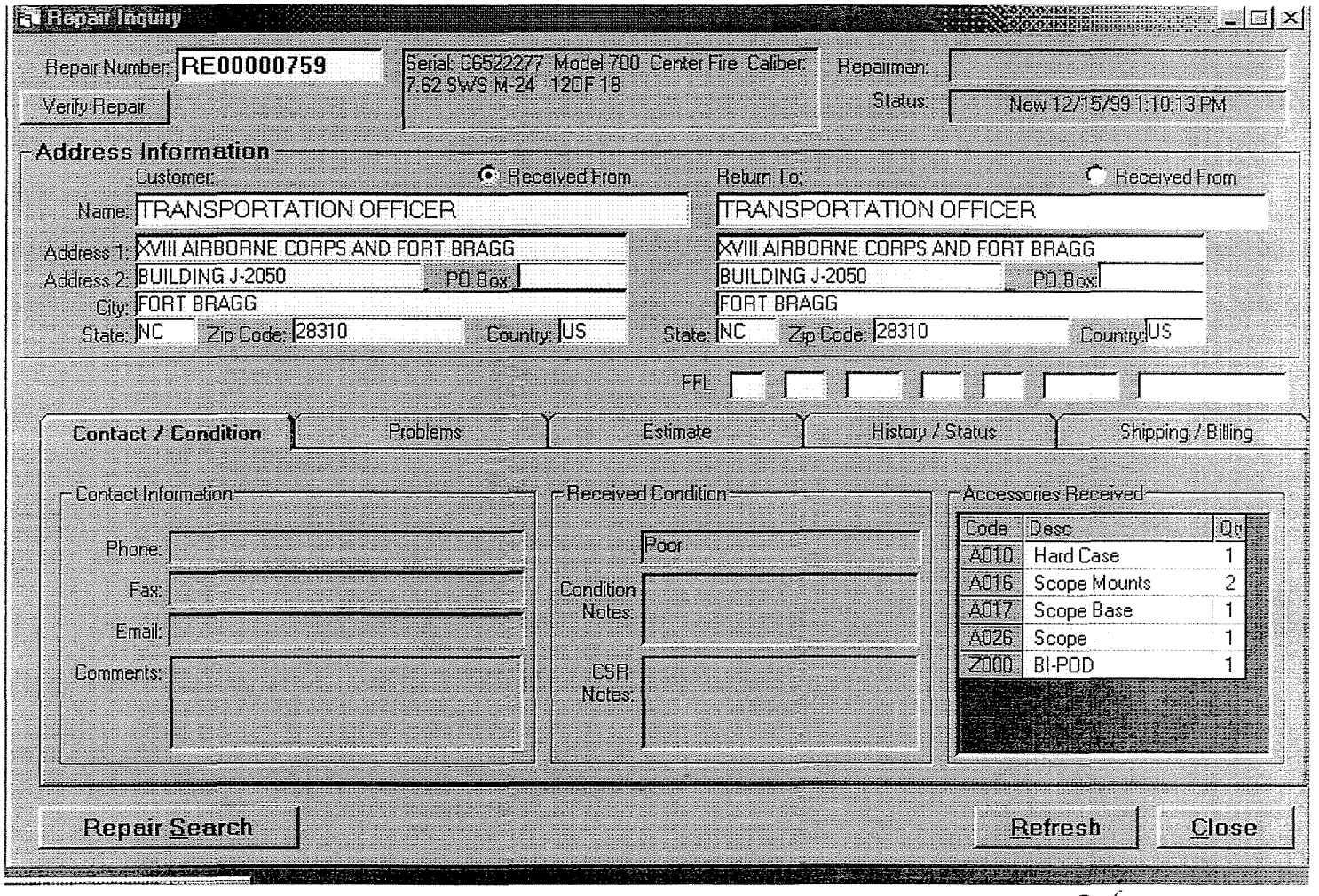
Order No. 5716

*Includes 1 in chamber.

Remington

C-6522277

Scope S/N 88-1208



BBL 96003

Remington

TRACKING DOCUMENT

Repair Order Number

Repair Order Numbe RE00000759	**Description/Serial** C6522277	**Repairman -**
Account # - R-	Model 700 Center Fire Caliber: 7.62 SWS M-24 12OF 18	**Date Received** 12/15/1999 **Estimate Date** **Current Date -** 12/16/1999

Customer
TRANSPORTATION OFFICER
XVIII AIRBORNE CORPS AND FORT B
BUILDING J-2050
FORT BRAGG NC 28310 US

Return To
TRANSPORTATION OFFICER
XVIII AIRBORNE CORPS AND FORT
BUILDING J-2050
FORT BRAGG NC 28310 US

Phone (H)
Phone (W)
Fax
Email

Problems

Reported	Found

Repair

Material #	MaterialDesc	Quantity Needed	Quantity From	Quantity From	Warranty (Y/N)

Total:

Serial Number: C6522277

Model ID: 700

RE00000759

Repairman	Proof	Clean	Test	Target	Pattern
Gallery Tester	Date	Date	Date	Date	Date

Remington Test Lab, Ilion, N.Y.

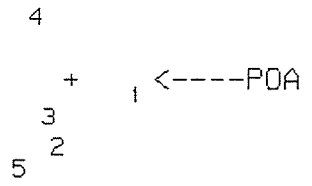
Centroidal distance calculations for Rifle # C6522277
4 Apr 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0838
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.191
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .208575

THE AMR FOR THIS RIFLE IS: 1.105

CENTROIDAL DISTANCES

0	TO	1	.421048
1	TO	2	.602688
1	TO	3	.584269
1	TO	4	.810492
1	TO	5	.891904



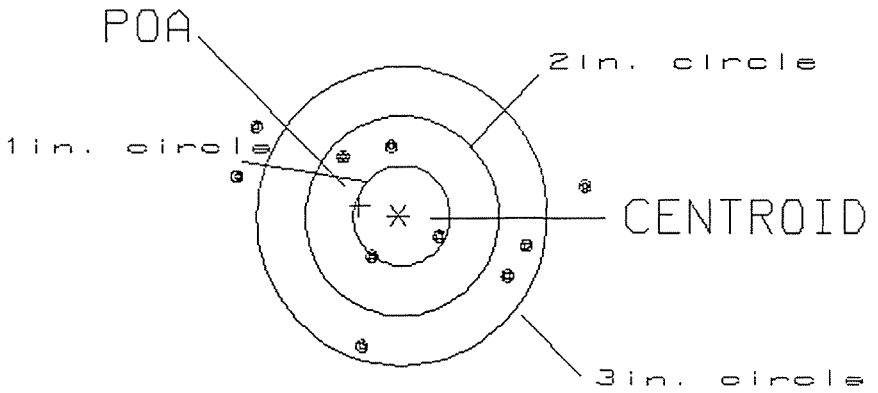
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: □ 1 □

POA TO CENTROID:		.421
MIN RADIUS	:	.442
MEAN RADIUS	:	1.188
MAX RADIUS	:	1.864
CENTROID X	:	.409
CENTROID Y	:	-.100

4 Apr 2000 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6522277

CENTERFIRE PATTERN # 1



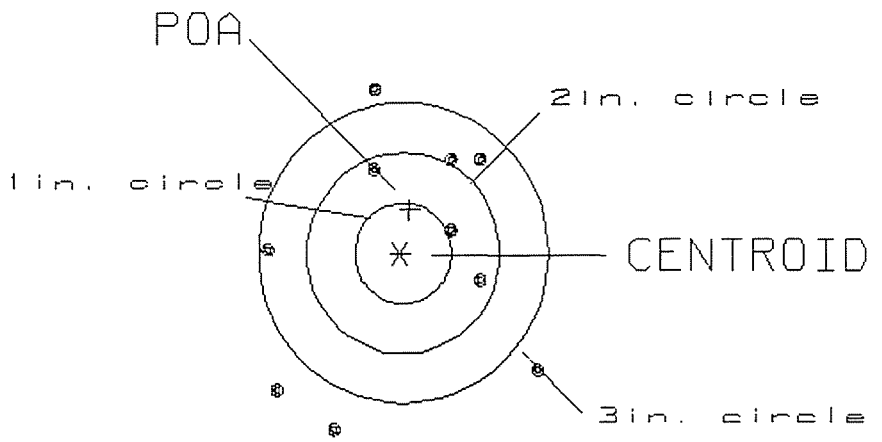
# OF SHOTS= 10	# IN CIRCLE
HS= 3.55	1
VS= 2.23	4
GS= 3.55	7

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

PATTERN #:		2
POA TO CENTROID:		.442
MIN RADIUS	:	.511
MEAN RADIUS	:	1.317
MAX RADIUS	:	1.860
CENTROID X	:	-.094
CENTROID Y	:	-.432

4 Apr 2000 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6522277

CENTERFIRE PATTERN # 2



# OF SHOTS= 10	# IN CIRCLE
HS= 2.85	0
VS= 3.37	3
GS= 3.39	6

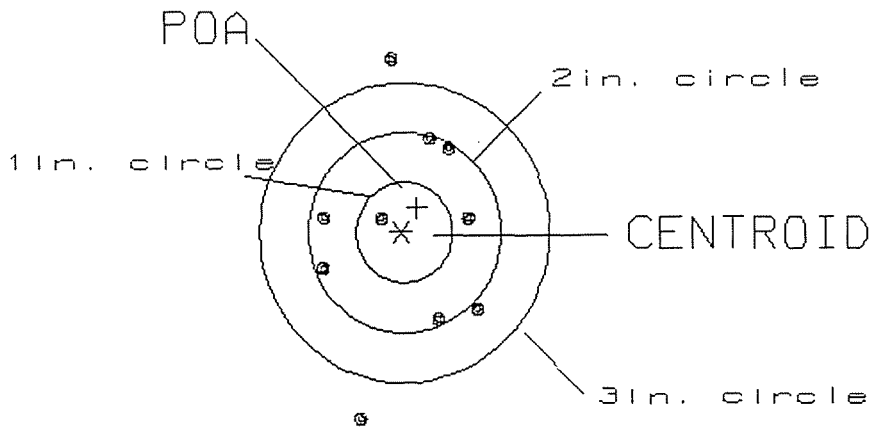
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: □ 3 □

POA TO CENTROID:		.288
MIN RADIUS	:	.261
MEAN RADIUS	:	1.027
MAX RADIUS	:	1.922
CENTROID X	:	-.158
CENTROID Y	:	-.241

4 Apr 2000 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6522277

CENTERFIRE PATTERN # 3



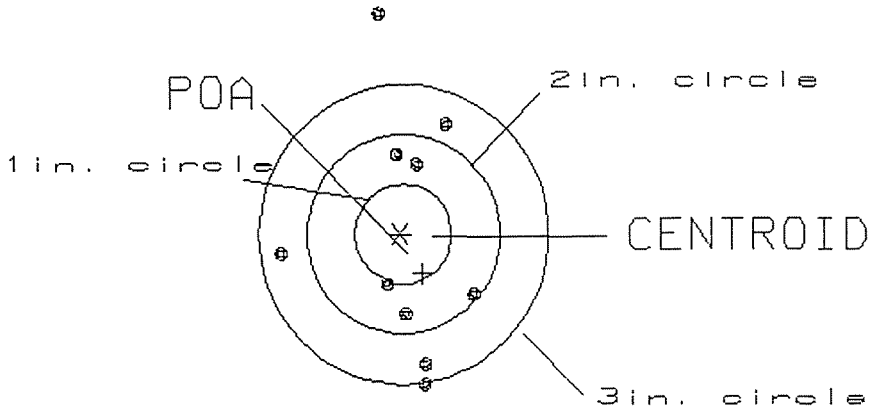
# OF SHOTS= 10	# IN CIRCLE
HS= 1.55	1
VS= 3.65	7
GS= 3.66	8

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

PATTERN #: □ 4 □	
POA TO CENTROID:	.459
MIN RADIUS :	.508
MEAN RADIUS :	1.127
MAX RADIUS :	2.183
CENTROID X :	-.232
CENTROID Y :	.396

4 Apr 2000 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6522277

CENTERFIRE PATTERN # 4



# OF SHOTS= 10	# IN CIRCLE
HS= 1.96	0
VS= 3.64	5
GS= 3.67	9

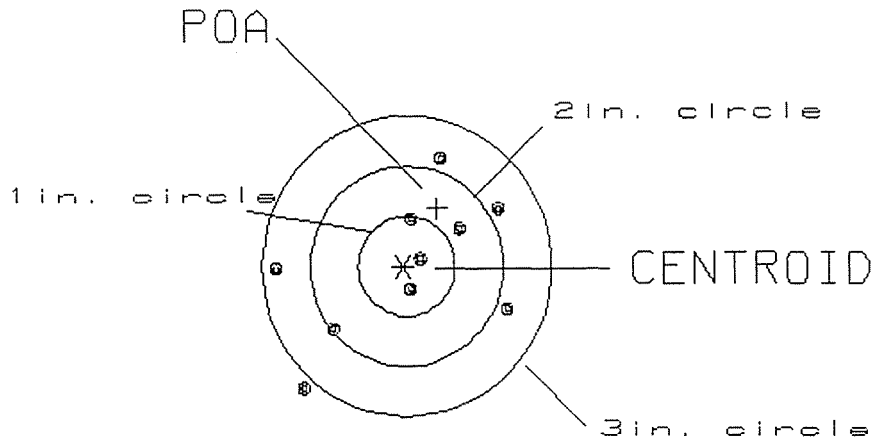
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: □ 5 □

POA TO CENTROID:		.672
MIN RADIUS	:	.141
MEAN RADIUS	:	.868
MAX RADIUS	:	1.614
CENTROID X	:	-.344
CENTROID Y	:	-.578

4 Apr 2000 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6522277

CENTERFIRE PATTERN # 5



# OF SHOTS= 10	# IN CIRCLE
HS= 2.36	2
VS= 2.30	5
GS= 2.67	9

Final Inspection

Sn: C6522277	Date Rec'd: 12-12-99	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: ___

21 DAY TURN - AROUND

M-24
CONTRACT # DAAA09-92-C-0834

R&E NO. **SERIAL NO.** C6522277

		LOG IN DATE: / /	DATE	INIT.
		INSPECT & VERIFY:		
OP. #		OP. NAME		
550		DIS-ASSEMBLE GUN	12-24-99	RW
560	A	RE-BARREL AT CUSTOM SHOP		
	B	DRILL & TAP		
	C	POLISH		
575		ASSEMBLE		
600		PROOF	1-12-00	RW
605		CHECK HEADSPACE	1-12-00	RW
610		DIS-ASSEMBLE		
612		MAGNAFLUX		
615		ROLLMARK CALIBER		
618		ROTO-BLAST		
620		APPLY COATINGS		
625	A	FINAL ASSEMBLY		
	B	TRIGGER PULL TEST		
	C	SAFETY ON FORCE		
	D	SAFETY OFF FORCE		
	E	FIRING PIN INDENT		
640		TARGET	4-4-00	RW
655		FINAL INSPECT	4-10-00	RW
660		PACK		
		QAR INSPECTION	SHIP DATE	

Remington®

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

VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.

MODEL 700™ M24

SERIAL NO.
C6522277

ORDER NO.
5716

MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee. 01

5716 C6522277

UPC
0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C C5222777

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		8/13/90	KS
600	Proof		8/13/90	KS
607	Check Headspace		8/13/90	KS
610	Dis-assemble Gun		8/13/90	KS
612	Magnaflux Barrel Action		8/16	KCR
	Magnaflux Bolt		8/16	KCR
615	Rollmark Caliber		8/16	GL
617	Drill and Tap Sight Holes		8/23/90	FB
618	Polish Barrel RB		8/23/90	WB
620	Apply Coatings (Barrel Action)		8/31/90	
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head			
	C) Inspect Ejector Hole for Chamfer			
	D) Oil Firing Pin Ass'y			
	E) Adjust Trigger Pull to Min Setting and Stake		9/13/90	WB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5 1/2	5 1/2	5 1/2			9/13/90	WB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			9/13/90	WB
	H) Trigger Pull Test & Retainability						9/13/90	WB
	I) Firing Pin Indent	.0215	.0215	.0215			9/13/90	WB
	J) Assemble Stock						9/14/90	KF
	K) Assemble Swivel Studs						9/17/90	JSS
	L) Attach Front and Rear Sight Assemblies						9/14/90	KF
	M) Iron Sight Alignment						9/14/90	KF
	N) Detach Front & Rear Sights & place in numbered container						9/14/90	KF
	O) Attach Scope to Rifle						9/14/90	KF
	P) Detach & Attach Scope 20 Times						9/14/90	KF
640	Gallery Target & Test						9-16-90	DH
	A) Time						9-16-90	DH
	B) Malfunctions						9-16-90	DH
	C) Pierced Primers						9-16-90	DH
	D) Optical Clearity of Scope						9-16-90	DH
645	Inspect for Live Ammo						9-16-90	DH
655	Final Inspection A) Headspace						9/17/90	JSS
	B) Trigger Pull	2.61	2.20	2.60	2.49	2.50	9-16-90	DH
	C) Function						9/17/90	JSS
660	Pack						9-19-90	DH

SWS TRIGGER PULL TEST

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

SERIAL NO. C6522277
DATE 9/13/90
TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.44	2.44	2.46	2.61	MIN. SETTING,
PULL #2	2.32	2.41	2.54	2.20	NO AVG. OF 5
PULL #3	2.24	2.37	2.57	2.40	READINGS ACCEPT-
PULL #4	2.31	2.43	2.58	2.49	ABLE LESS THAN 2#
PULL #5	2.39	2.42	2.56	2.50	
TOTAL	11.70	12.07	12.71	12.40	
AVG.	2.24	2.41	2.54	2.48	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.27	3.24		
PULL #2	3.27	3.24		
PULL #3	3.24	3.09		
PULL #4	3.22	3.20		
PULL #5	3.27	3.31		
TOTAL	16.27	16.08		
AVG.	3.25	3.21		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.00	4.07		4.11
PULL #2	3.96	4.07		4.10
PULL #3	3.95	4.02		3.95
PULL #4	3.95	4.01		4.07
PULL #5	4.00	4.06		4.02
TOTAL	19.86	20.23		20.25
AVG.	3.97	4.05		4.05

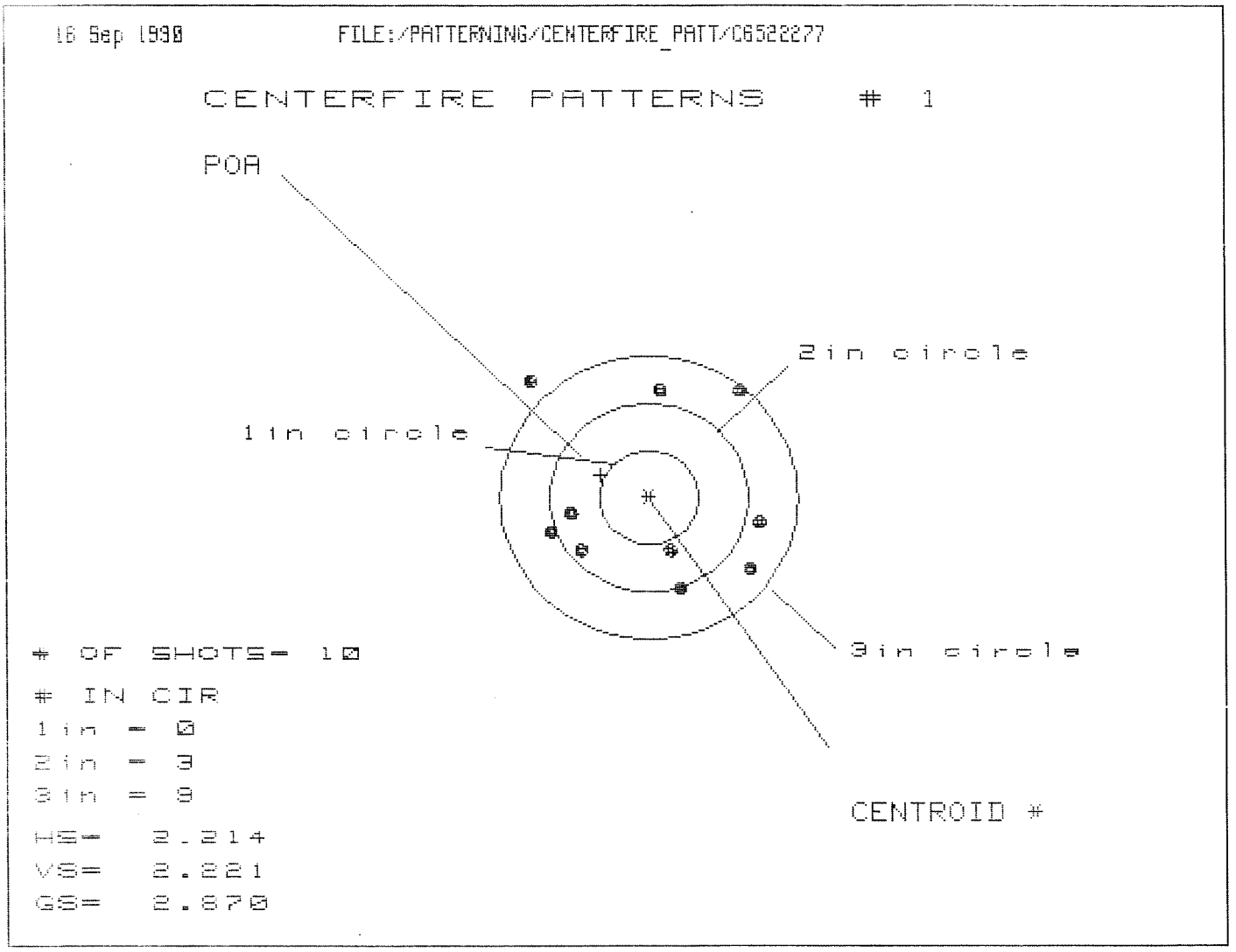
CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522277
16 Sep 1990

CENTROIDAL DISTANCES

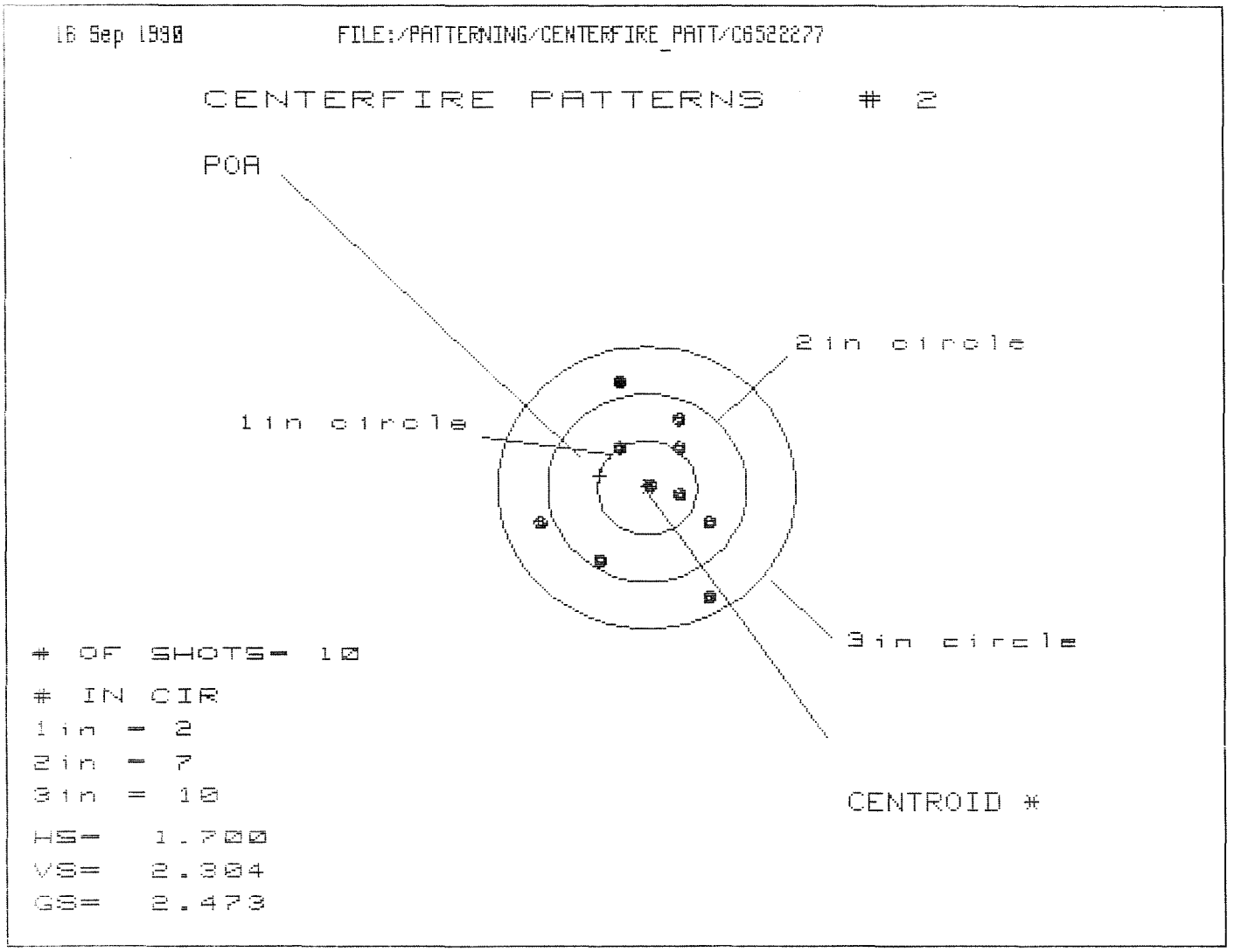
0	TO	1	.543369
1	TO	2	.113534
1	TO	3	.321125
1	TO	4	.497446
1	TO	5	.660048

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .4456
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .026
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .446358

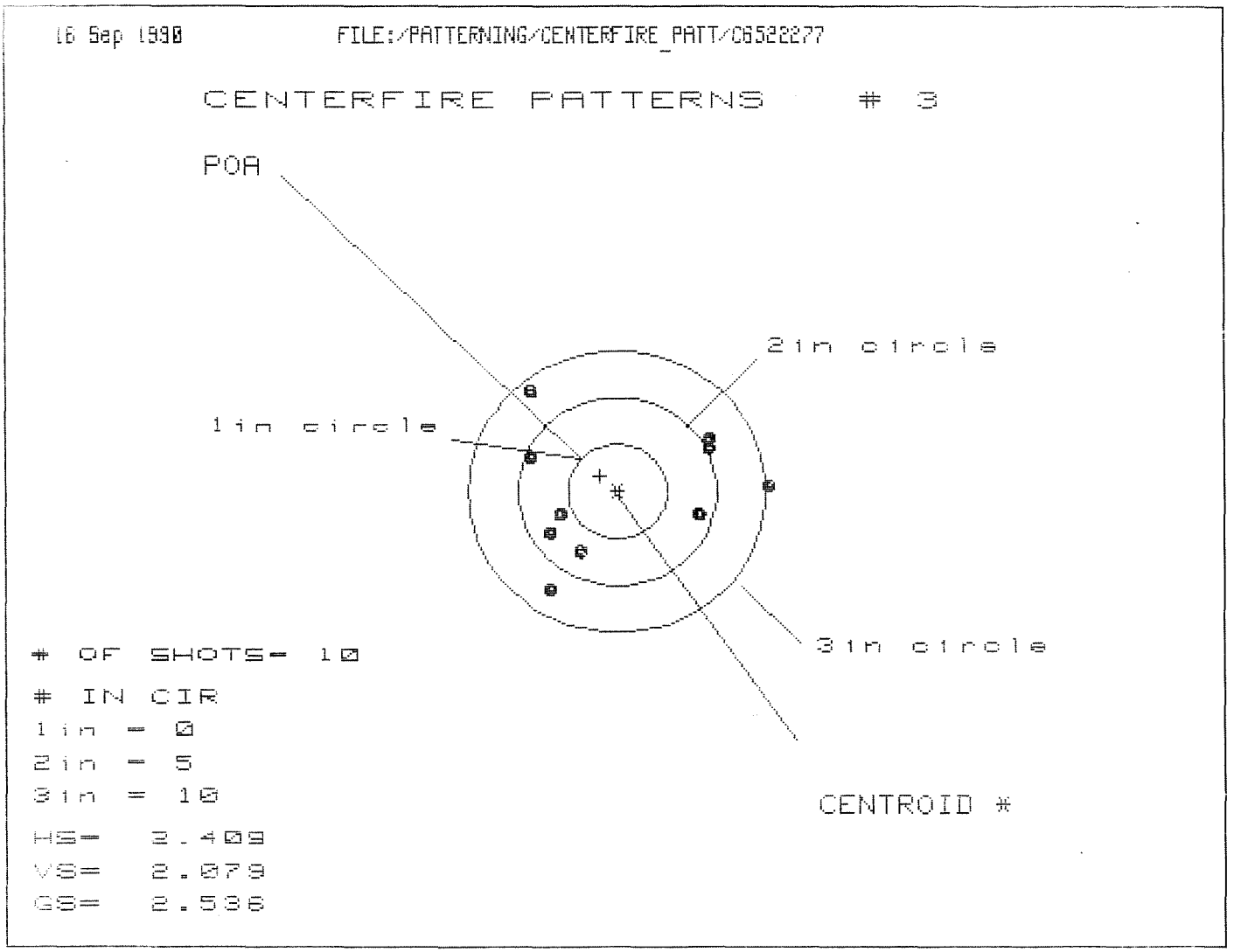
THE AMR FOR THIS RIFLE IS: .9486



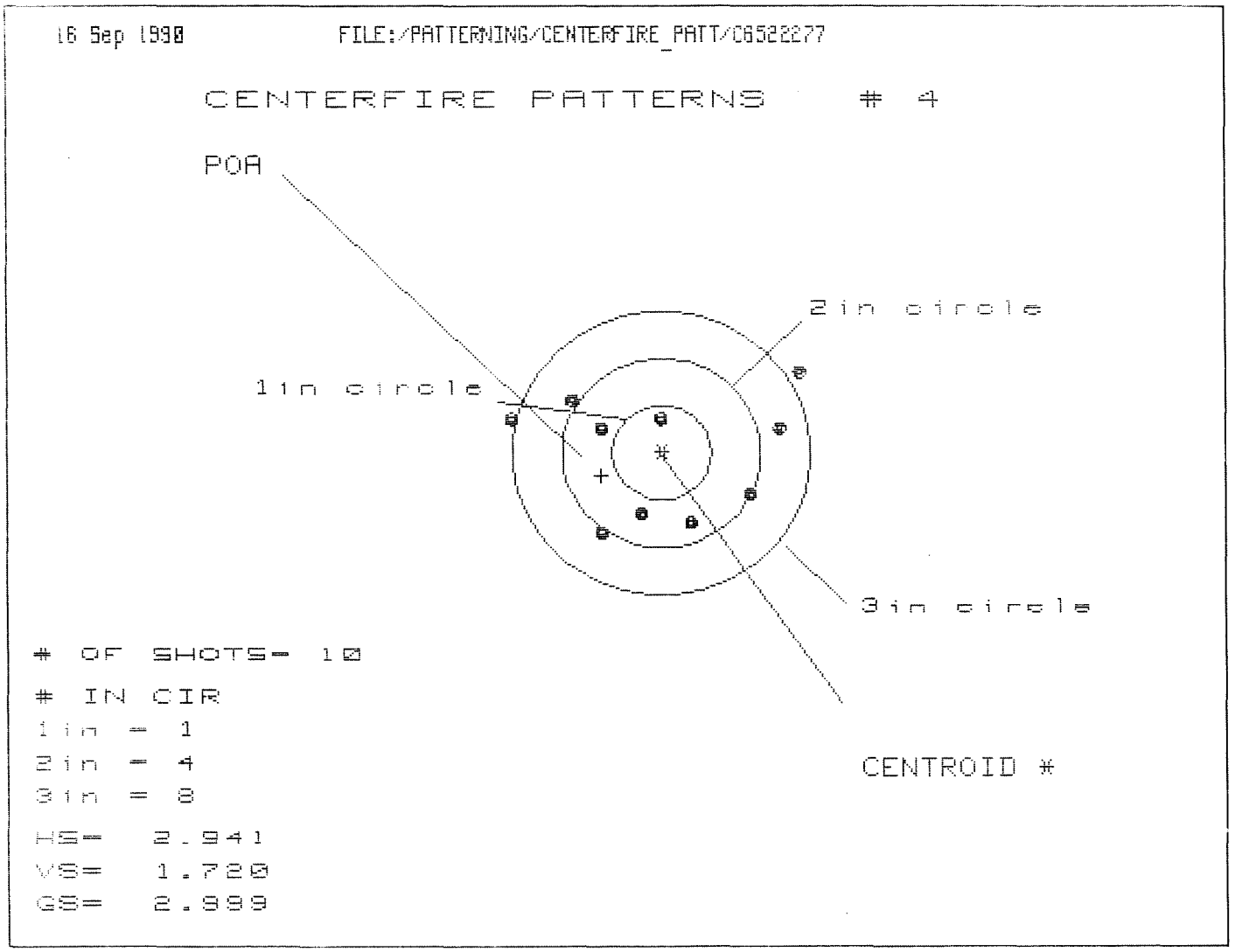
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.074	.947	1.046
MINIMUM X	:	-1.140	-1.080	-.981
MAXIMUM Y	:	1.235	1.323	1.486
MINIMUM Y	:	-.986	-.849	-.686
CENTROID X	:	.487	.614	.515
CENTROID Y	:	-.241	-.378	-.541
POA TO CENTROID in.	:	.544	.721	.746
MIN RADIUS	:	.569	.405	.286
MEAN RADIUS	:	1.094	.999	.890
MAX RADIUS	:	1.681	1.522	1.489
HORIZONTAL SPREAD	:	2.214	2.027	2.027
VERTICAL SPREAD	:	2.221	2.172	2.172
EXTREME SPREAD	:	2.870	2.420	2.178
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.622	.643	.617
MINIMUM X	:	-1.078	-1.009	-1.035
MAXIMUM Y	:	1.167	1.041	.765
MINIMUM Y	:	-1.137	-.870	-.740
CENTROID X	:	.476	.407	.433
CENTROID Y	:	-.128	-.002	-.132
POA TO CENTROID in.	:	.493	.407	.453
MIN RADIUS	:	.015	.159	.049
MEAN RADIUS	:	.748	.691	.631
MAX RADIUS	:	1.296	1.133	1.104
HORIZONTAL SPREAD	:	1.700	1.652	1.652
VERTICAL SPREAD	:	2.304	1.911	1.505
EXTREME SPREAD	:	2.473	1.925	1.780
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	



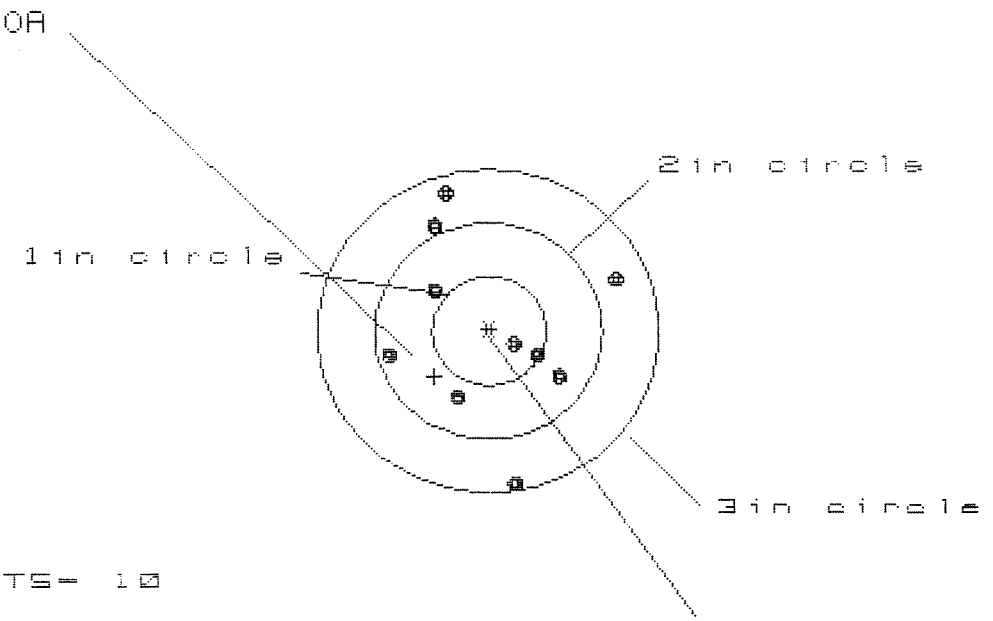
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.494	1.114	1.030
MINIMUM X	:	-.915	-.749	-.833
MAXIMUM Y	:	1.081	1.091	.746
MINIMUM Y	:	-.998	-.988	-.852
CENTROID X	:	.176	.010	.094
CENTROID Y	:	-.161	-.171	-.307
POA TO CENTROID in.	:	.238	.171	.321
MIN RADIUS	:	.637	.479	.526
MEAN RADIUS	:	1.023	.943	.888
MAX RADIUS	:	1.497	1.282	1.233
HORIZONTAL SPREAD	:	2.409	1.863	1.863
VERTICAL SPREAD	:	2.079	2.079	1.598
EXTREME SPREAD	:	2.536	2.245	2.245
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.424	1.342	1.172
MINIMUM X	:	-1.517	-1.359	-.885
MAXIMUM Y	:	.897	.705	.756
MINIMUM Y	:	-.823	-.723	-.672
CENTROID X	:	.610	.452	.622
CENTROID Y	:	.241	.141	.090
POA TO CENTROID in.	:	.656	.473	.628
MIN RADIUS	:	.339	.468	.490
MEAN RADIUS	:	.993	.897	.824
MAX RADIUS	:	1.683	1.419	1.240
HORIZONTAL SPREAD	:	2.941	2.701	2.057
VERTICAL SPREAD	:	1.720	1.428	1.428
EXTREME SPREAD	:	2.999	2.702	2.104
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

16 Sep 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C6522277

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

# IN CIR
1in = 2
2in = 6
3in = 10

HS= 1.964
VS= 2.741
GS= 2.807

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.071	1.095	1.049
MINIMUM X	:	-.893	-.869	-.915
MAXIMUM Y	:	1.284	1.123	.971
MINIMUM Y	:	-1.457	-.806	-.666
CENTROID X	:	.479	.455	.501
CENTROID Y	:	.419	.580	.440
POA TO CENTROID in.	:	.637	.738	.667
MIN RADIUS	:	.264	.401	.263
MEAN RADIUS	:	.885	.829	.755
MAX RADIUS	:	1.473	1.180	1.130
HORIZONTAL SPREAD	:	1.964	1.964	1.964
VERTICAL SPREAD	:	2.741	1.929	1.637
EXTREME SPREAD	:	2.807	2.082	2.082
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	10		