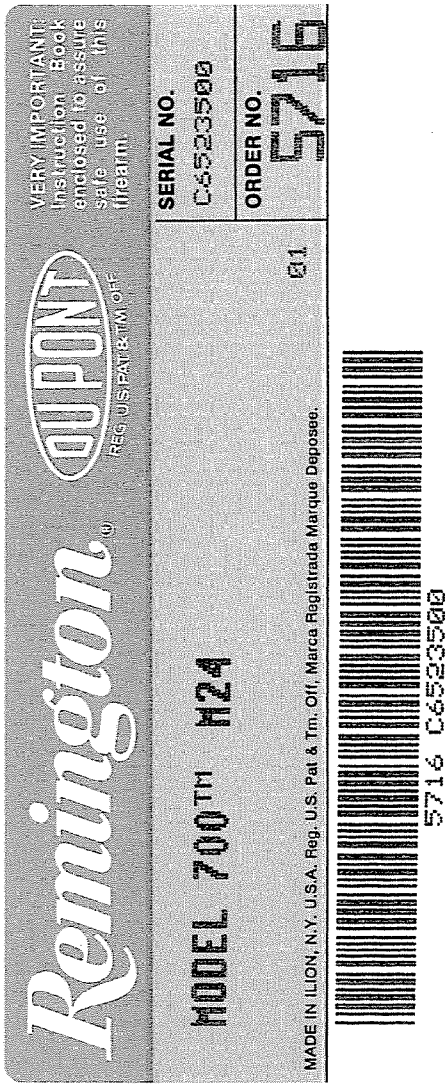
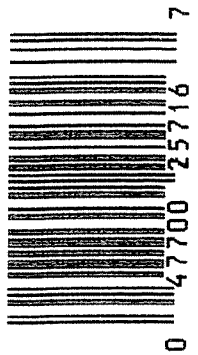
C652500
MODEL 700™ M24
Model SMS™
Action
Barrel Length
Capacity
Order No. 5715
*Includes 1 in chamber.
Remington


Remington
DUPONT
Reg. U.S. Pat. & TM. Off.
VERY IMPORTANT
Instruction Book enclosed to assure safe use of this firearm
MODEL 70™ H24
SERIAL NO.
C6523500
ORDER NO.
576
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off., Marca Registrada Marque Deposee.
5716 C6523500


UPC
0 47700 25716 7

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523500
14 Sep 1990

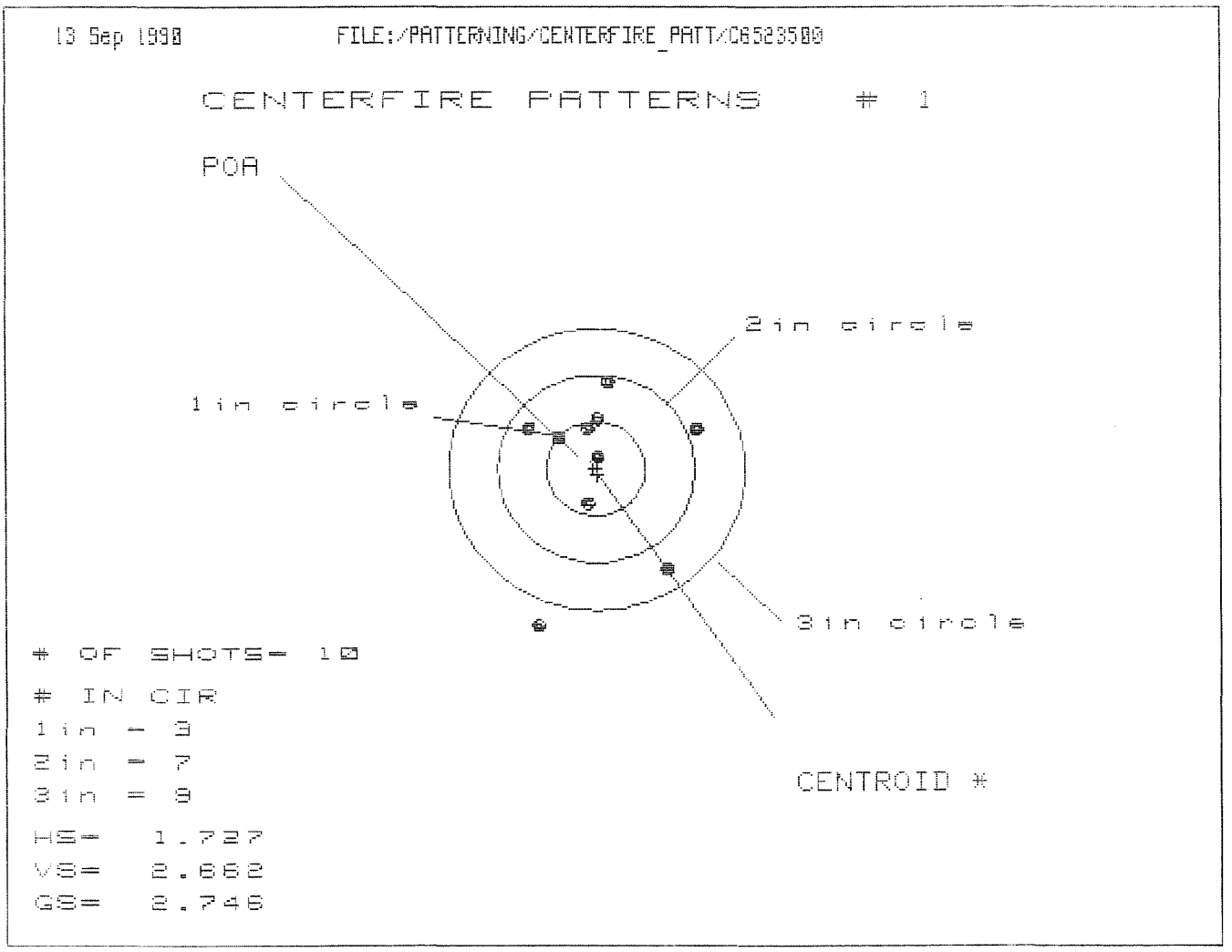
CENTROIDAL DISTANCES

0	TO	1	.0676831
1	TO	2	.116043
1	TO	3	.115248
1	TO	4	.311079
1	TO	5	.238254

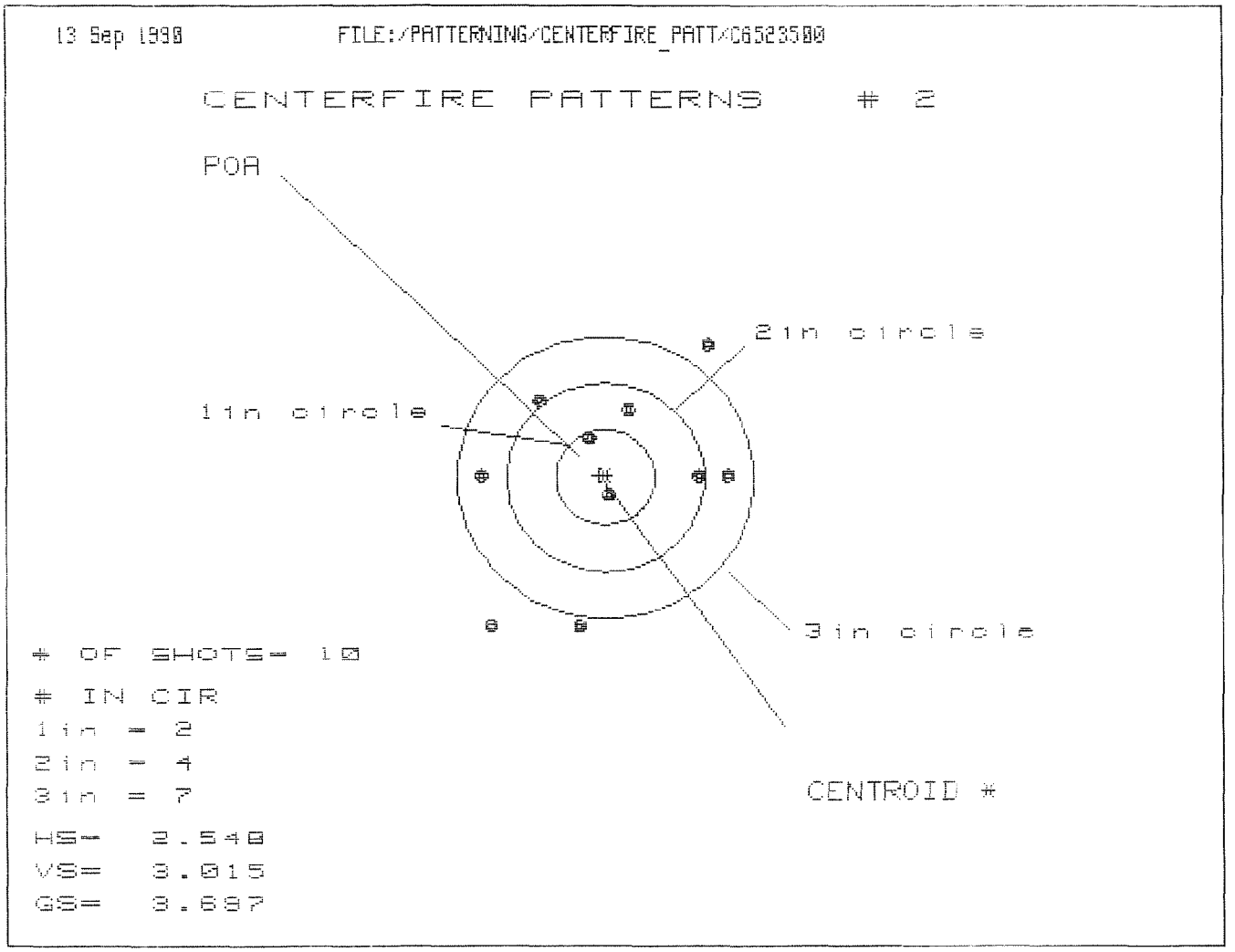
5
4 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0892
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0216
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .091778

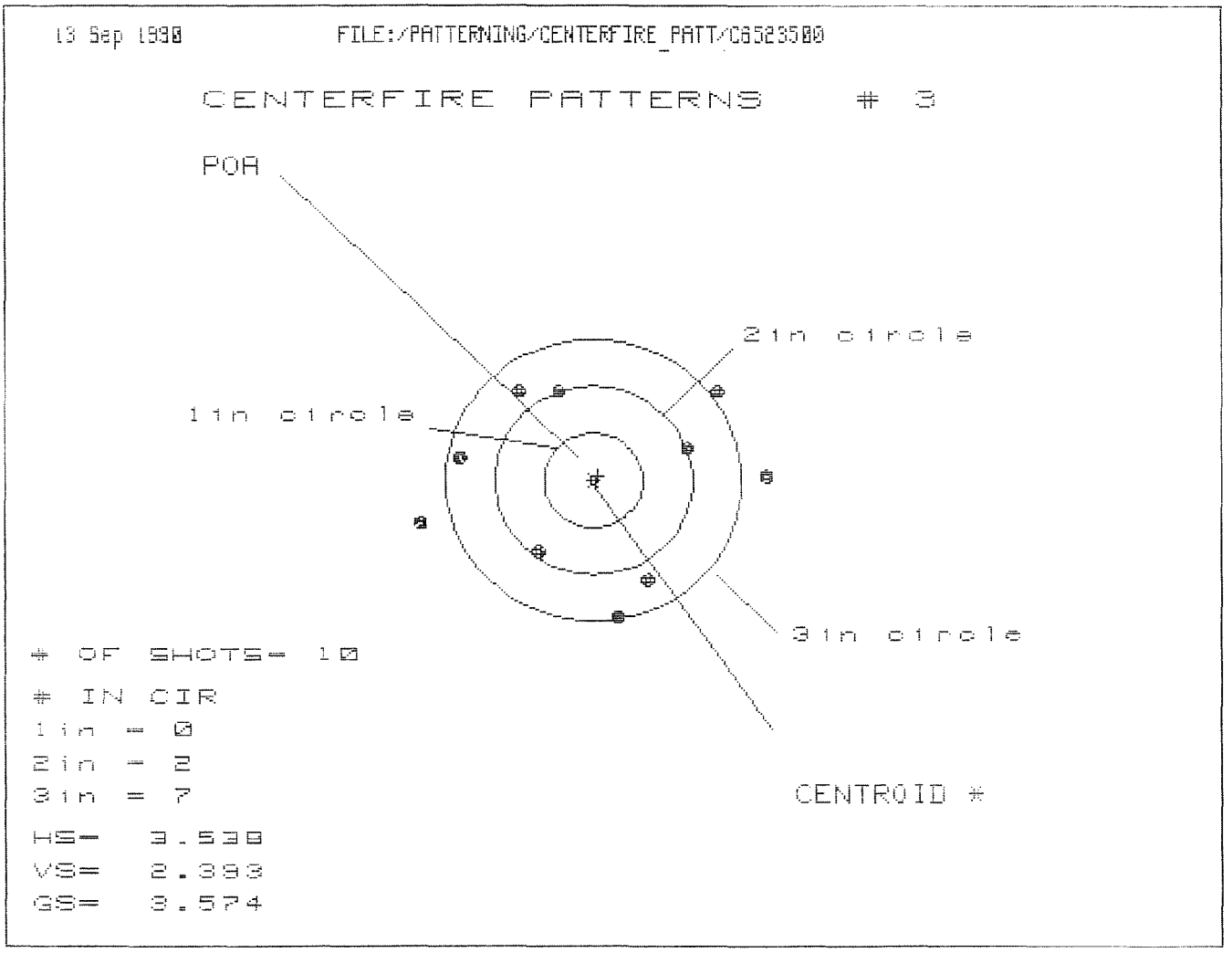
THE AMR FOR THIS RIFLE IS: 1.092



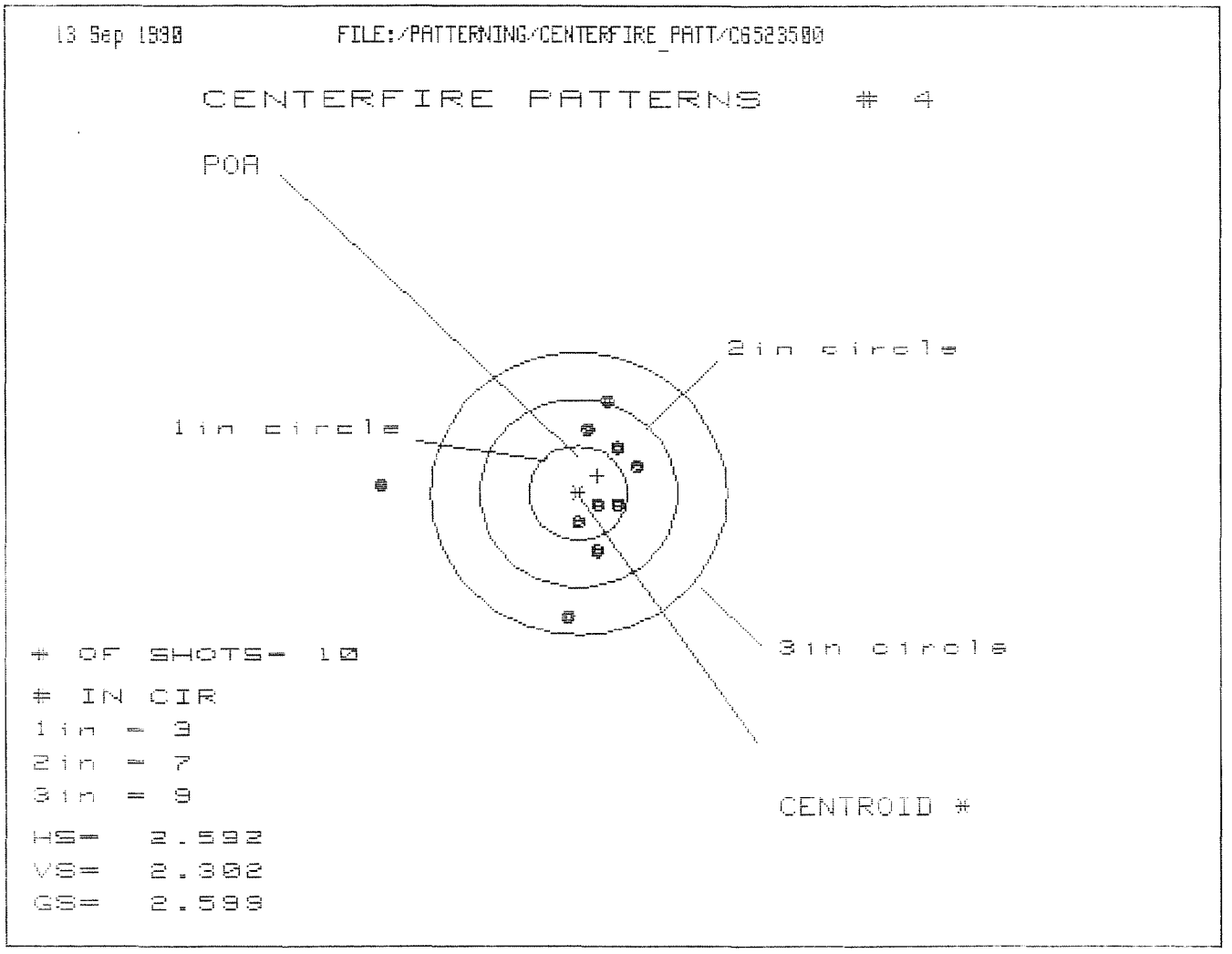
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.036	.974	1.051
MINIMUM X	:	-.691	-.753	-.676
MAXIMUM Y	:	.952	.762	.602
MINIMUM Y	:	-1.710	-1.274	-.724
CENTROID X	:	-.015	.047	-.030
CENTROID Y	:	.066	.256	.416
POA TO CENTROID in.	:	.068	.261	.417
MIN RADIUS	:	.097	.104	.120
MEAN RADIUS	:	.795	.645	.508
MAX RADIUS	:	1.799	1.415	1.052
HORIZONTAL SPREAD	:	1.727	1.727	1.727
VERTICAL SPREAD	:	2.662	2.036	1.326
EXTREME SPREAD	:	2.746	2.112	1.727
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	



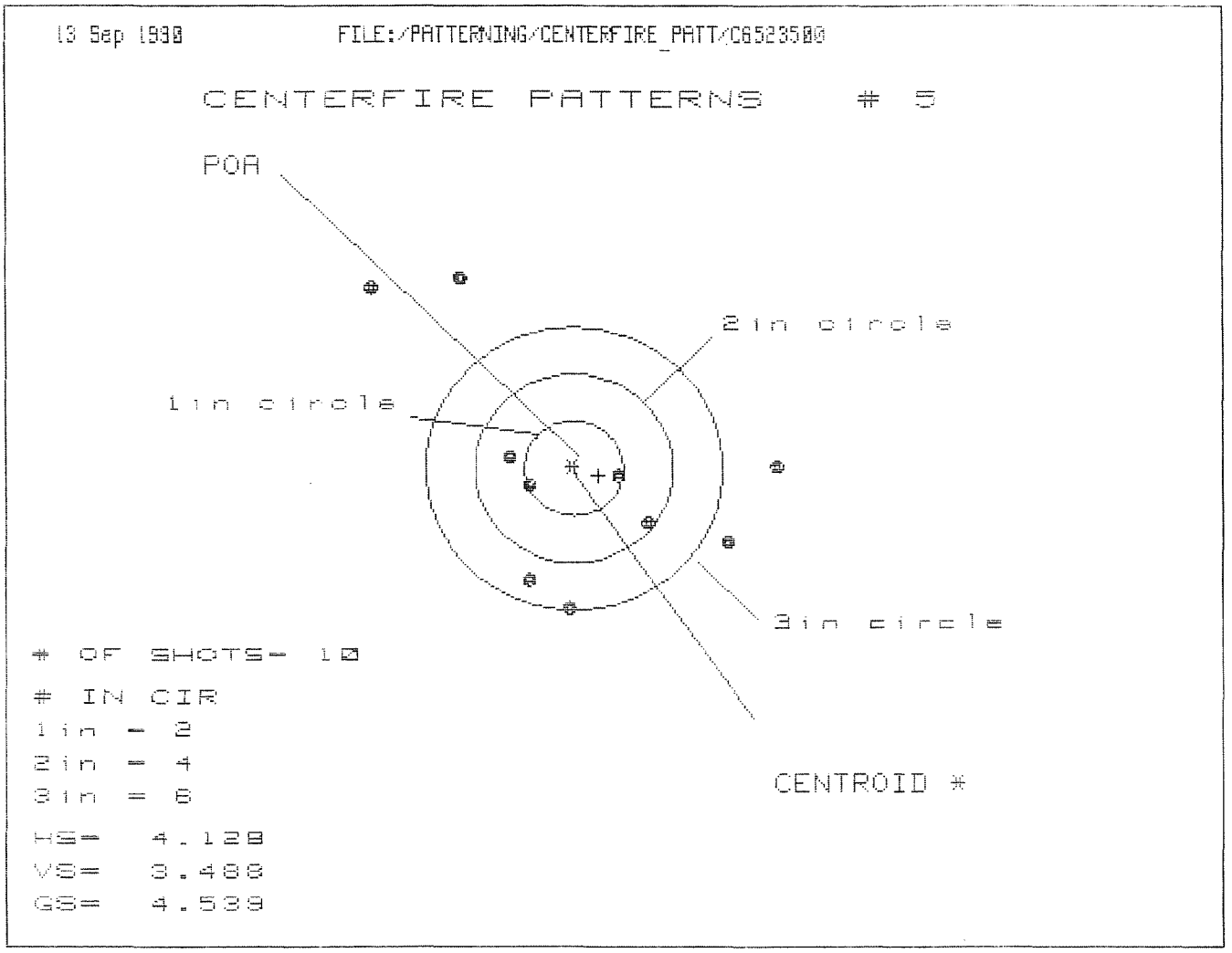
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.253	1.127	1.241
MINIMUM X	:	-1.295	-1.421	-1.307
MAXIMUM Y	:	1.386	1.208	.824
MINIMUM Y	:	-1.629	-1.807	-1.656
CENTROID X	:	.064	.190	.076
CENTROID Y	:	-.019	.158	.007
POA TO CENTROID in.	:	.067	.248	.076
MIN RADIUS	:	.221	.346	.247
MEAN RADIUS	:	1.135	1.015	.954
MAX RADIUS	:	1.964	1.858	1.687
HORIZONTAL SPREAD	:	2.548	2.548	2.548
VERTICAL SPREAD	:	3.015	3.015	2.480
EXTREME SPREAD	:	3.697	3.302	2.548
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.780	1.585	1.232
MINIMUM X	:	-1.758	-1.548	-1.350
MAXIMUM Y	:	.967	.922	.927
MINIMUM Y	:	-1.426	-1.471	-1.466
CENTROID X	:	-.046	.149	-.049
CENTROID Y	:	-.045	.000	-.005
POA TO CENTROID in.	:	.064	.149	.049
MIN RADIUS	:	.883	.785	.914
MEAN RADIUS	:	1.326	1.261	1.208
MAX RADIUS	:	1.805	1.585	1.538
HORIZONTAL SPREAD	:	3.538	3.133	2.582
VERTICAL SPREAD	:	2.393	2.393	2.393
EXTREME SPREAD	:	3.574	3.139	2.668
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		7	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.605	.384	.340
MINIMUM X	:	-1.987	-.355	-.287
MAXIMUM Y	:	.990	.998	.835
MINIMUM Y	:	-1.312	-1.304	-.789
CENTROID X	:	-.196	.025	.069
CENTROID Y	:	-.187	-.195	-.032
POA TO CENTROID in.	:	.271	.196	.076
MIN RADIUS	:	.203	.131	.298
MEAN RADIUS	:	.784	.593	.500
MAX RADIUS	:	1.988	1.352	.835
HORIZONTAL SPREAD	:	2.592	.739	.627
VERTICAL SPREAD	:	2.302	2.302	1.624
EXTREME SPREAD	:	2.599	2.339	1.625
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.060	1.830	1.659
MINIMUM X	:	-2.068	-1.367	-1.059
MAXIMUM Y	:	2.028	2.246	.654
MINIMUM Y	:	-1.460	-1.242	-.962
CENTROID X	:	-.253	-.023	.148
CENTROID Y	:	.077	-.141	-.421
POA TO CENTROID in.	:	.264	.142	.447
MIN RADIUS	:	.462	.299	.382
MEAN RADIUS	:	1.422	1.208	.998
MAX RADIUS	:	2.848	2.629	1.754
HORIZONTAL SPREAD	:	4.128	3.197	2.718
VERTICAL SPREAD	:	3.488	3.488	1.616
EXTREME SPREAD	:	4.539	3.835	2.797
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		6	

SWS TRIGGER PULL TEST

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

SERIAL NO. C6523500
DATE 9/11/90
TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.35	2.42	2.35	2.17	MIN. SETTING,
PULL #2	2.51	2.51	2.36	2.24	NO AVG. OF 5
PULL #3	2.42	2.47	2.38	2.21	READINGS ACCEPT-
PULL #4	2.47	2.41	2.38	2.16	ABLE LESS THAN 2#
PULL #5	2.32	2.38	2.46	2.31	
TOTAL	12.07	12.19	11.93	11.09	
AVG.	2.41	2.44	2.39	2.218	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.19	2.95		
PULL #2	3.00	2.90		
PULL #3	3.00	2.92		
PULL #4	2.95	2.90		
PULL #5	3.00	2.90		
TOTAL	15.14	14.57		
AVG.	3.03	2.91		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.09	3.90		4.25
PULL #2	3.95	3.90		4.10
PULL #3	4.11	3.90		4.10
PULL #4	4.00	3.92		4.12
PULL #5	4.01	3.90		4.06
TOTAL	20.16	19.52		20.63
AVG.	4.03	3.90		4.12

op. #	OP. NAME	READINGS					DATE	INIT
635 nt.	F) Safety On Force	4	4	4			9/11/90	WB
	G) Safety Off Force	2 1/4	2 1/4	2 1/4			9/11/90	WB
	H) Trigger Pull Test & Retainability						9/11/90	WB
	I) Firing Pin Indent	.0225	.023	.023			9/11/90	WB
	J) Assemble Stock						9/11/90	RW
	K) Assemble Swivel Studs						9/15/90	GS
	L) Attach Front and Rear Sight Assemblies						9/11/90	RW
	M) Iron Sight Alignment						9/11/90	RW
	N) Detach Front & Rear Sights & place in numbered container						9/11/90	RW
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test						9-13-90	KT
	A) Time						9-13-90	KT
	B) Malfunctions						9-13-90	KT
	C) Pierced Primers						9-13-90	KT
	D) Optical Clearity of Scope						9-13-90	KT
645	Inspect for Live Ammo						9-13-90	KT
655	Final Inspection A) Headspace						9/15/90	GS
	B) Trigger Pull	2.17	2.24	2.21	2.16	2.31	9-15-90	GS
	C) Function						9/15/90	GS
660	Pack						9/19/90	RE

CAL 7.62

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C652 3500

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		8-21-90	DB
600	Proof		8-21-90	DB
607	Check Headspace		8-21-90	DB
610	Dis-assemble Gun		8-21-90	DB
612	Magnaflux Barrel Action		8/22/90	KCK
	Magnaflux Bolt		8/22/90	KCK
615	Rollmark Caliber		8/22/90	GS
617	Drill and Tap Sight Holes		8/23/90	LB
618	Polish Barrel		8/23/90	WB
620	Apply Coatings (Barrel Action)		8/24/90	TSA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/31/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/31/90	RW
	C) Inspect Ejector Hole for Chamfer		8/31/90	RW
	D) Oil Firing Pin Ass'y		8/31/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		9/11/90	WB