ENTERED ✓

Report No. 852491

RESEARCH TEST & MEASUREMENT LAB WORK REQUEST

AREA OF TESTING

___ Developmental
X Design Assistance
___ Pre-Pilot
___ Pilot
___ Production Assistance

___ Safety Related
___ Competitive Evaluation
X New Design
___ Design Change
___ Plant Assistance

___ Litigation
___ Warehouse Audit
___ Cost Reduction
State ___
X Other ADDED CALIBER

FIREARM STATS.

MODEL: 700BDL
CAL or GAGE: 338 Win Mag
BARREL TYPE: MAG
PROOFED: YES X NO ___

REPORT REQ'D.

FORMAL ___
TEST RESULTS ONLY X

DATE REQUESTED: Sept 6, '75
DATE NEEDED BY: 1st Week ...
REQUESTED BY: R. A. Hughes
WORK ORDER NO: E0233-30C-Y

TEST TYPE

___ Strength Test
X Function Test
X Accuracy Test
___ Ammunition Test
___ Environmental Test
___ Customer Complaint
___ Dry Cycle Test
___ Measurements
___ Endurance Test
___ Photo/Video
___ Other ___

EXPLAIN IN DETAIL THE REASON FOR THIS TEST:

Five Model 700 MAG BDL Rifles caliber 338 Win Mag were fabricated in the Custom Shop (Barrel Assembly unit) and completed in production (Previous ... group) ie stock assembly, sights, magazine, firing pin, extractor). Conduct function & accuracy test plus proof — DO NOT CONDUCT ENDURANCE TEST, FOR THESE RIFLES WILL BE NEED FOR WRITER SEMINAR ETC. PLEASE.

GUNS REQUIRED:

B6688062, B6688083, B6688040, B6688070, B6688069

NOTE: NO firearms or parts will be tested in the Labs unless they are accompanied by a Work Request, and both are delivered to the Labs by the designer or engineer. All Work Requests are to be filled out in detail. No Exceptions.

DATE COMPLETED: ___
TEST COMPLETED BY: ___
REPORT DATE: ___

R2516292

BARBER - PRESALE R 0115304

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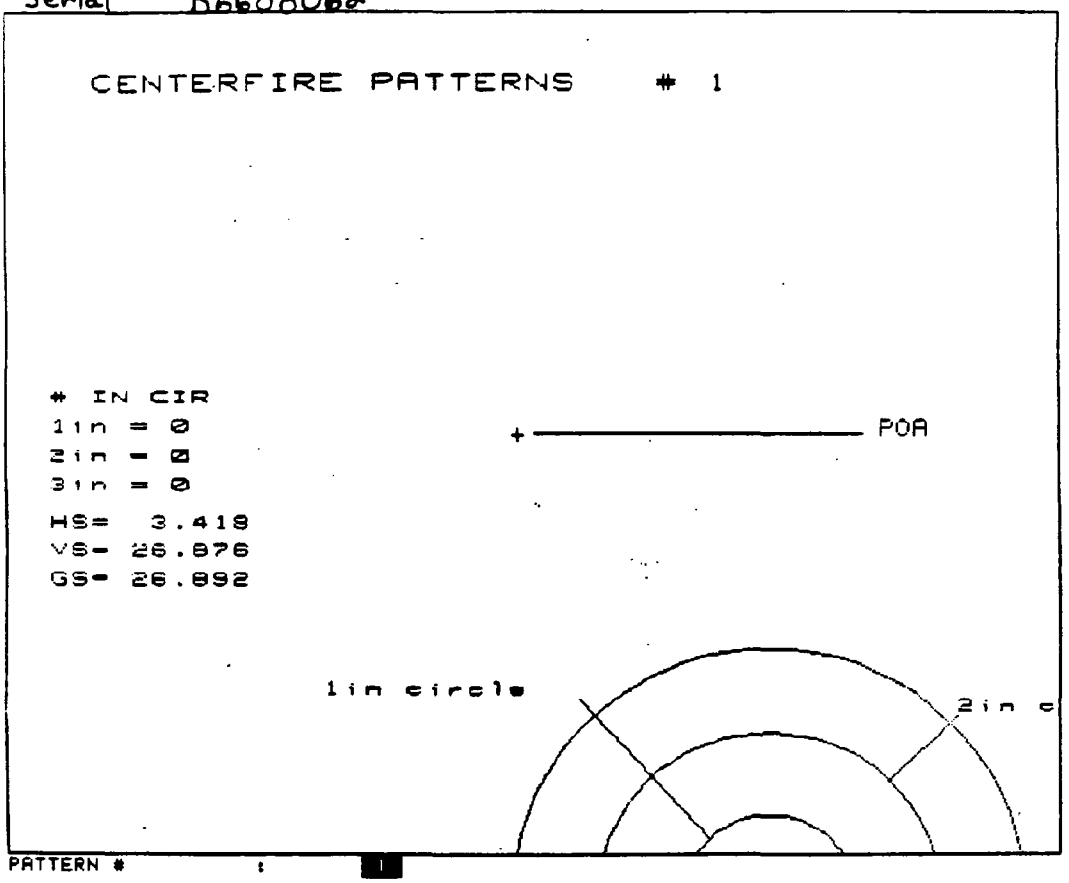
Serial # B6688062



PATTERN #	:	1	
NUMBER OF SHOTS	:	10	
MAXIMUM X & Y	:	3.192	-.226
MINIMUM X & Y	:	10.685	-16.191
CENTROID X & Y	:	1.457	-2.765
POA TO CENTROID RAD	:	3.1249	
MIN RADIUS	:	9.7426	
MEAN RADIUS	:	11.9977	
MAX RADIUS	:	13.4520	
HORIZONTAL SPREAD	:	3.4180	
VERTICAL SPREAD	:	26.8760	
EXTREME SPREAD	:	26.8919	

NUMBER IN ONE INCH CIRCLE	=	0
NUMBER IN TWO INCH CIRCLE	=	0
NUMBER IN THREE INCH CIRCLE	=	0

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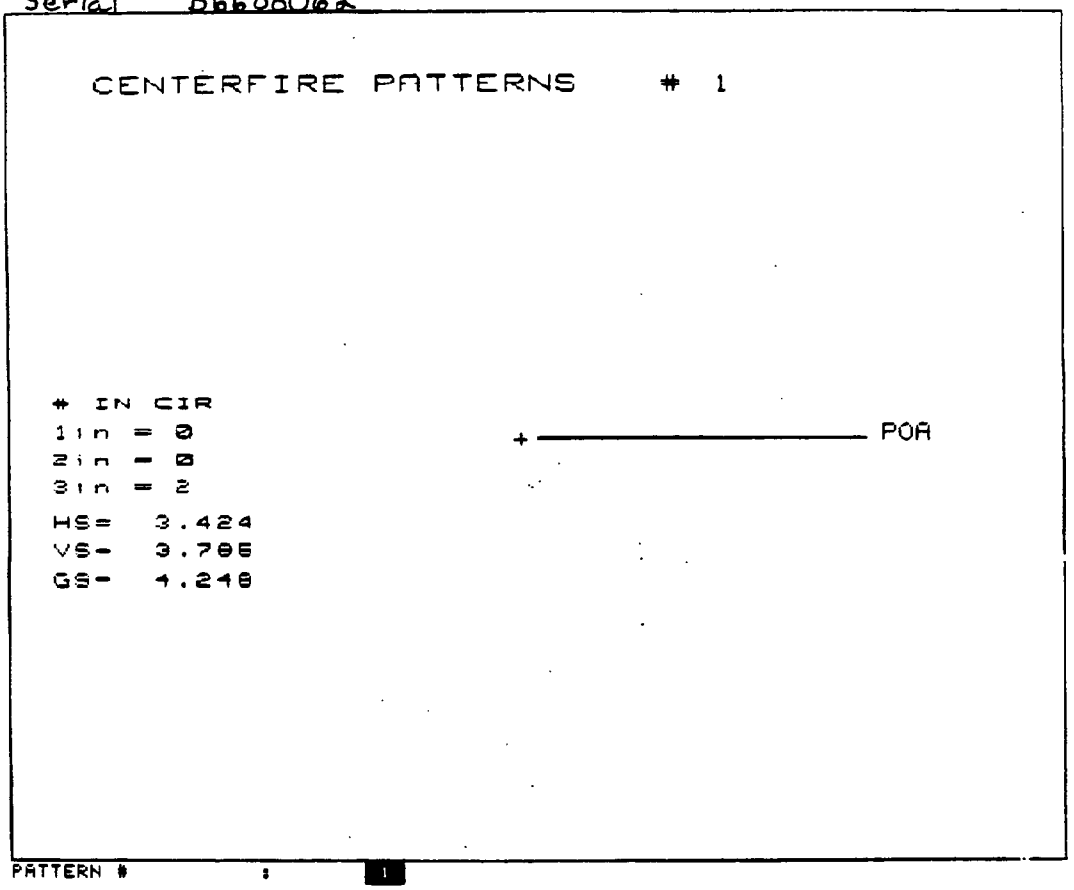
Serial # B6688062

CENTERFIRE PATTERNS # 1



PATTERN #	:	1	
NUMBER OF SHOTS	:	5	
MAXIMUM X & Y	:	3.166	-.258
MINIMUM X & Y	:	10.688	6.895
CENTROID X & Y	:	1.936	9.168
POA TO CENTROID RAD:		9.3697	
MIN RADIUS	:	1.0918	
MEAN RADIUS	:	1.7569	
MAX RADIUS	:	2.3807	
HORIZONTAL SPREAD	:	3.4240	
VERTICAL SPREAD	:	3.7850	
EXTREME SPREAD	:	4.2478	

NUMBER IN ONE INCH CIRCLE	=	0
NUMBER IN TWO INCH CIRCLE	=	0
NUMBER IN THREE INCH CIRCLE	=	2

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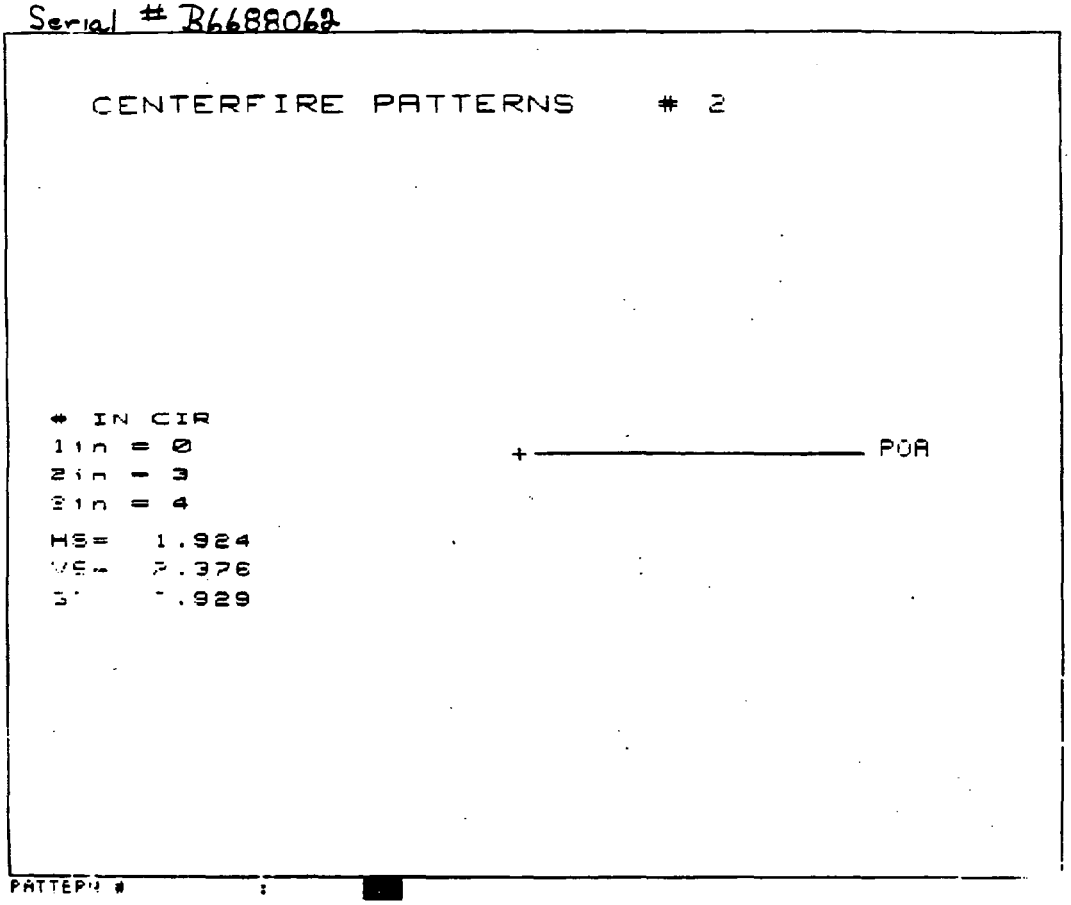
Serial # B6688062

CENTERFIRE PATTERNS # 2



PATTERN #	:	[redacted]	
NUMBER OF SHOTS	:	5	
MAXIMUM X & Y	:	2.088	.164
MINIMUM X & Y	:	-13.821	-16.197
CENTROID X & Y	:	.912	-14.711
POA TO CENTROID RAD	:	14.7388	
MIN RADIUS	:	.9164	
MEAN RADIUS	:	1.1465	
MAX RADIUS	:	1.8955	
HORIZONTAL SPREAD	:	1.9240	
VERTICAL SPREAD	:	2.3760	
EXTREME SPREAD	:	2.9287	

NUMBER IN ONE INCH CIRCLE	=	0
NUMBER IN TWO INCH CIRCLE	=	3
NUMBER IN THREE INCH CIRCLE	=	4