C6523396

MODEL 700™ M24

Model SWS™

Action

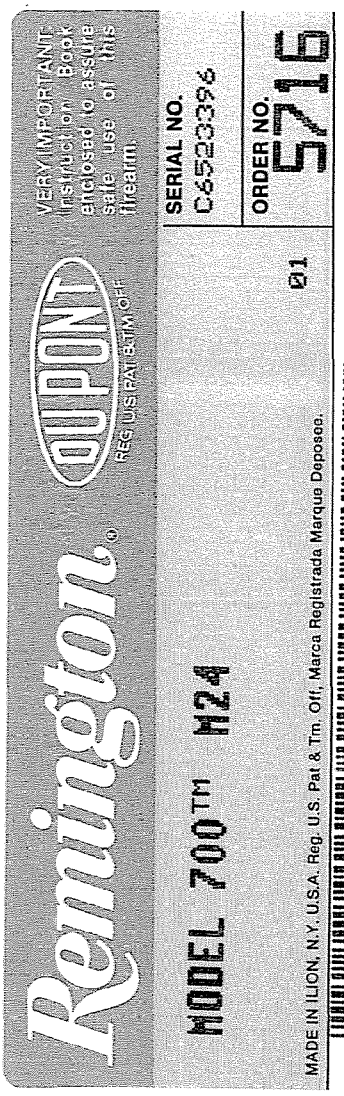
Barrel Length

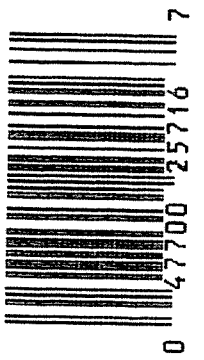
Capacity

Order No. 5716

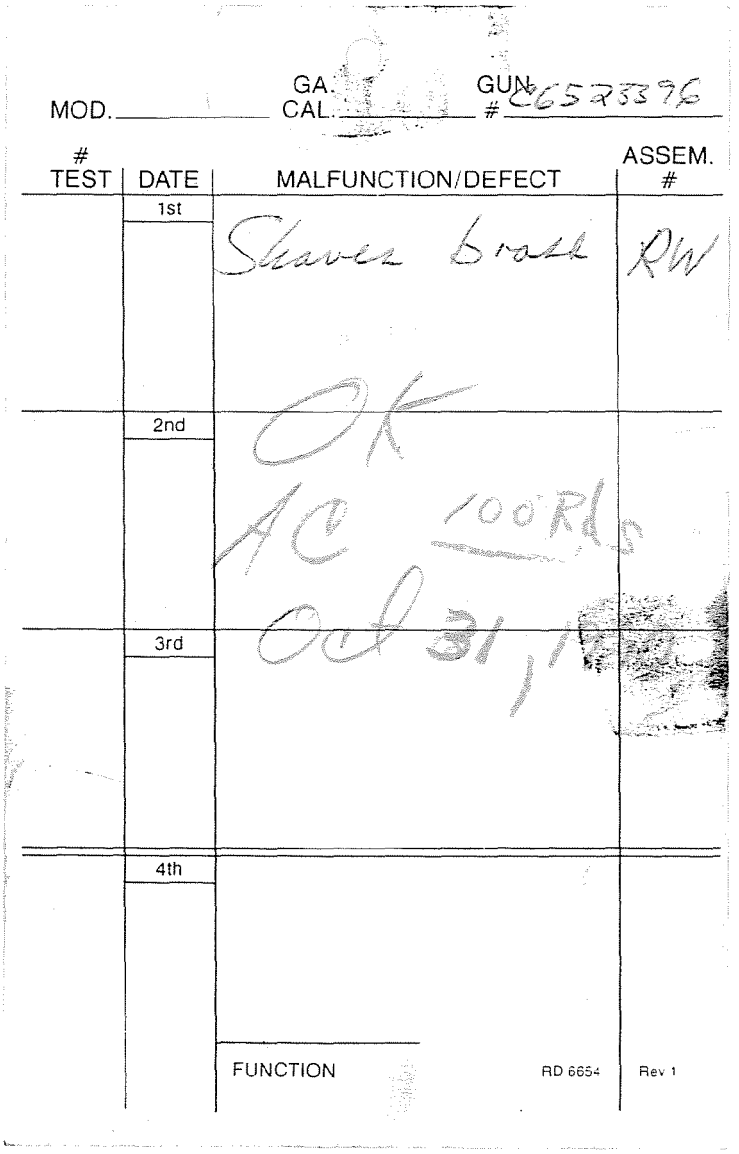
*Includes 1 in chamber.

Remington





Stock Crompro
Mark Sight Base



MOD. _____ GA. _____ CAL. _____ GUN # C6573396

# TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
	1st	Shaves Bad	RW
	2nd	OK AC 100 Rds Oct 31,	
	3rd		
	4th		

FUNCTION RD 6654 Rev 1

TEST	INIT.	ACTION TO CORRECT	ASSEM. #
PROOF		Ream Ejector Hole & Polish Ejector	10/30/40
TEST			
TGT			
PROOF			
TEST			
TGT			220
PROOF		ENGINEER	
TEST			
TGT			
PROOF		ENGINEER	
TEST			
TGT			

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6523396

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 24	90	RW
600	Proof	9 24	90	RW
607	Check Headspace	9 24	90	RW
610	Dis-assemble Gun	9 24	90	RW
612	Magnaflux Barrel Action		9-25-90	KR
	Magnaflux Bolt		9-25-90	K.R.
615	Rollmark Caliber	9-25-90		
617	Drill and Tap Sight Holes		9-25-90	FB
618	Polish Barrel RB		9/28/90	WB
620	Apply Coatings (Barrel Action)		10-2-90	DH
	Apply Coating (Bolt)		10-2-90	DH
625	Final Assembly A) Clean inside of Bolt Assembly		10/8/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/8/90	RW
	C) Inspect Ejector Hole for Chamfer		10/8/90	RW
	D) Oil Firing Pin Ass'y		10/8/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/15/90	DH

	OP. NAME	READINGS			DATE	I
625 cont.	F) Safety On Force	4	4	4	10/16/90	
	G) Safety Off Force	3½	3½	3½	10/16/90	
	H) Trigger Pull Test & Retainability				10/15/90	
	I) Firing Pin Indent	.021	.021	.021	10/16/90	
	J) Assemble Stock				10/16/90	
	K) Assemble Swivel Studs				11-20-90	
	L) Attach Front and Rear Sight Assemblies				10/16/90	
	M) Iron Sight Alignment				10/16/90	
	N) Detach Front & Rear Sights & place in numbered container				10/16/90	
	O) Attach Scope to Rifle				10/16/90	
	P) Detach & Attach Scope 20 Times				10/16/90	
640	Gallery Target & Test				10-19-90	
	A) Time				10-19-90	
	B) Malfunctions				10-19-90	
	C) Pierced Primers				10-19-90	
	D) Optical Clearity of Scope				10-19-90	
645	Inspect for Live Ammo				10-19-90	
655	Final Inspection A) Headspace				11-20-90	
	B) Trigger Pull	277	277	278	278	281	11-20-90	
	C) Function				11-20-90	
660	Pack				12/4/90	

SWS TRIGGER PULL TEST

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

SERIAL NO. C6523396

DATE 10/15/90

TESTER JP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.46	2.31	2.32	2.77	MIN. SETTING,
PULL #2	2.43	2.31	2.33	2.77	NO AVG. OF 5
PULL #3	2.43	2.38	2.30	2.78	READINGS ACCEPT-
PULL #4	2.19	2.26	2.39	2.78	ABLE LESS THAN 2#
PULL #5	2.30	2.33	2.18	2.81	
TOTAL	11.81	11.59	11.52		
AVG.	2.362	2.318	2.304		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.29	3.24		
PULL #2	3.31	3.23		
PULL #3	3.29	3.25		
PULL #4	3.24	3.29		
PULL #5	3.17	3.28		
TOTAL	16.3	16.29		
AVG.	3.26	3.258		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.24	4.32		4.34
PULL #2	4.28	4.30		4.31
PULL #3	4.32	4.29		4.33
PULL #4	4.36	4.26		4.33
PULL #5	4.33	4.33		4.33
TOTAL	21.53	21.50		21.64
AVG.	4.306	4.3		4.328

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523396
22 Oct 1990

CENTROIDAL DISTANCES

0	TO	1	.270858
1	TO	2	.311219
1	TO	3	.44553
1	TO	4	.391261
1	TO	5	.296624

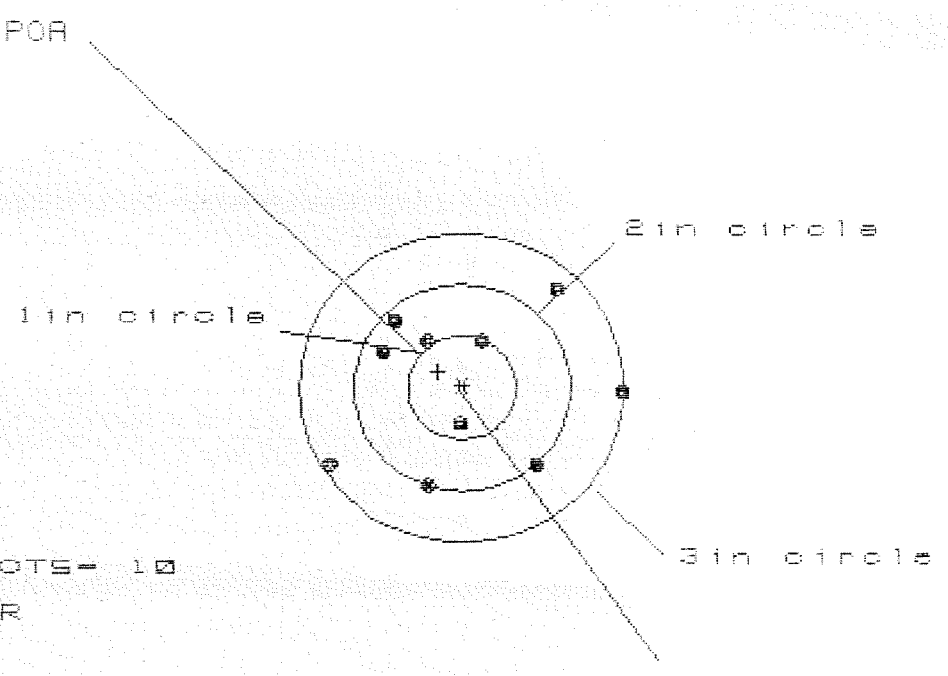
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0058
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0036
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .00682642

THE AMR FOR THIS RIFLE IS: .9114

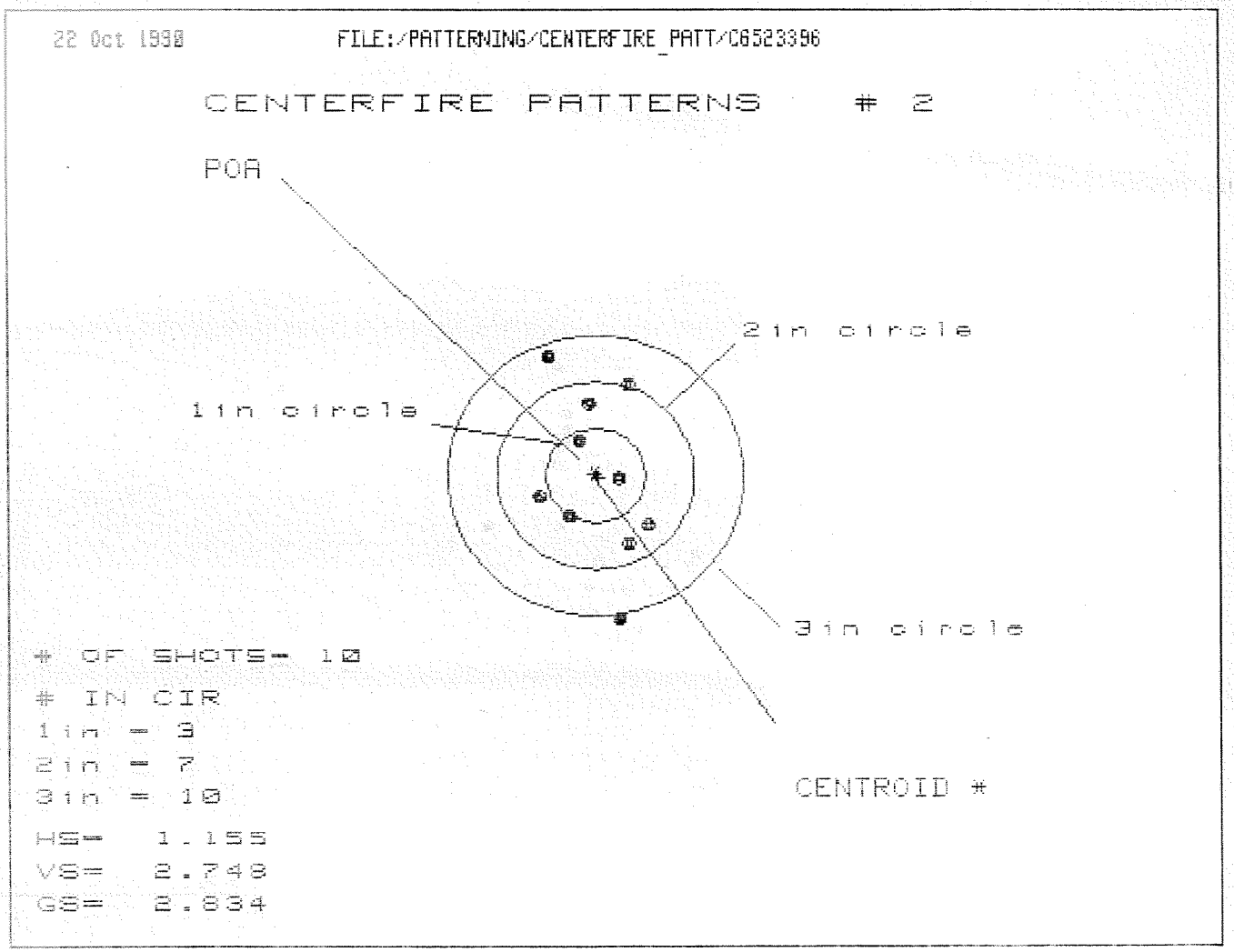
22 Oct 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C6523396

CENTERFIRE PATTERNS # 1

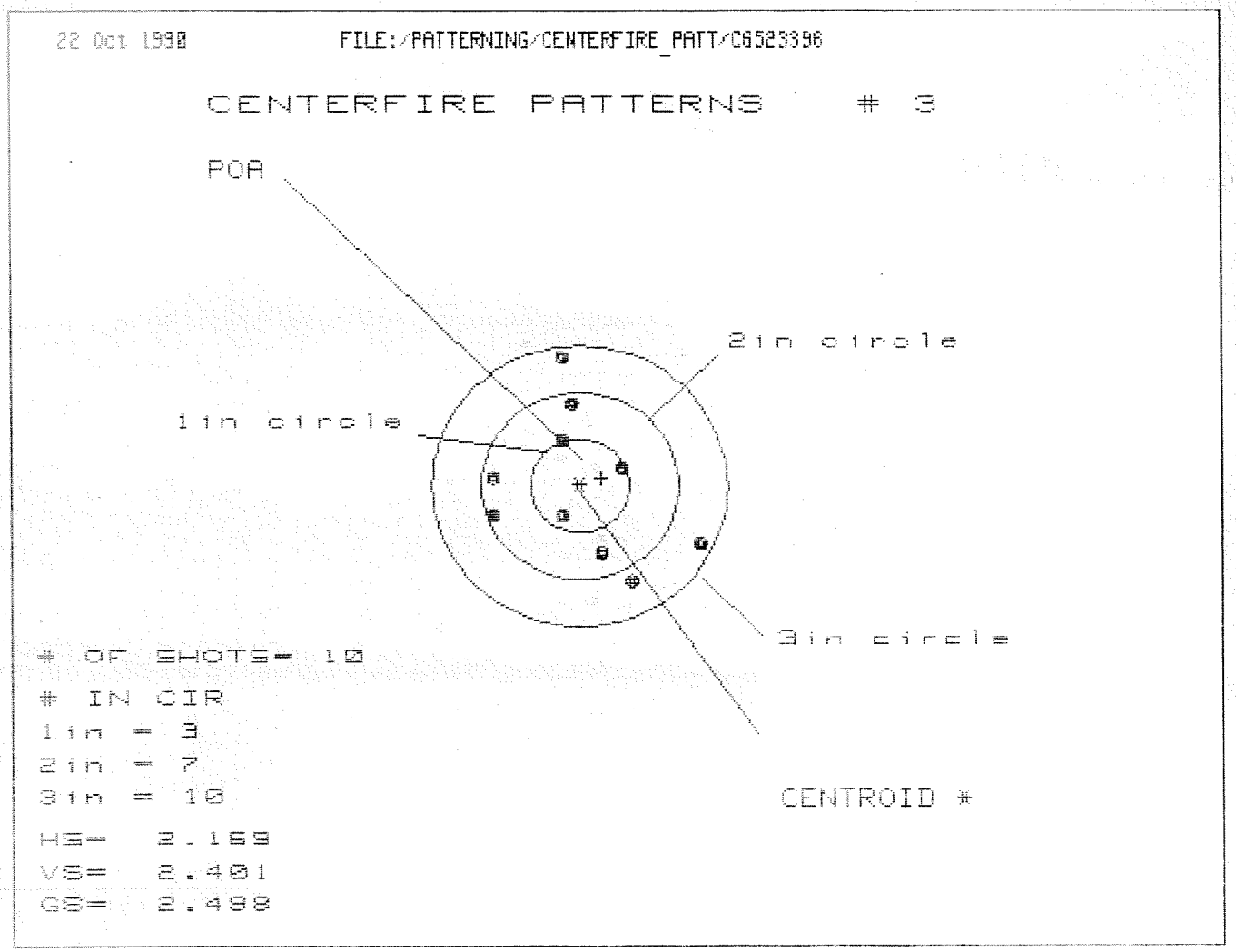


# OF SHOTS= 10
# IN CIR
1in = 2
2in = 6
3in = 9
HS= 2.716
VS= 1.909
GS= 2.798

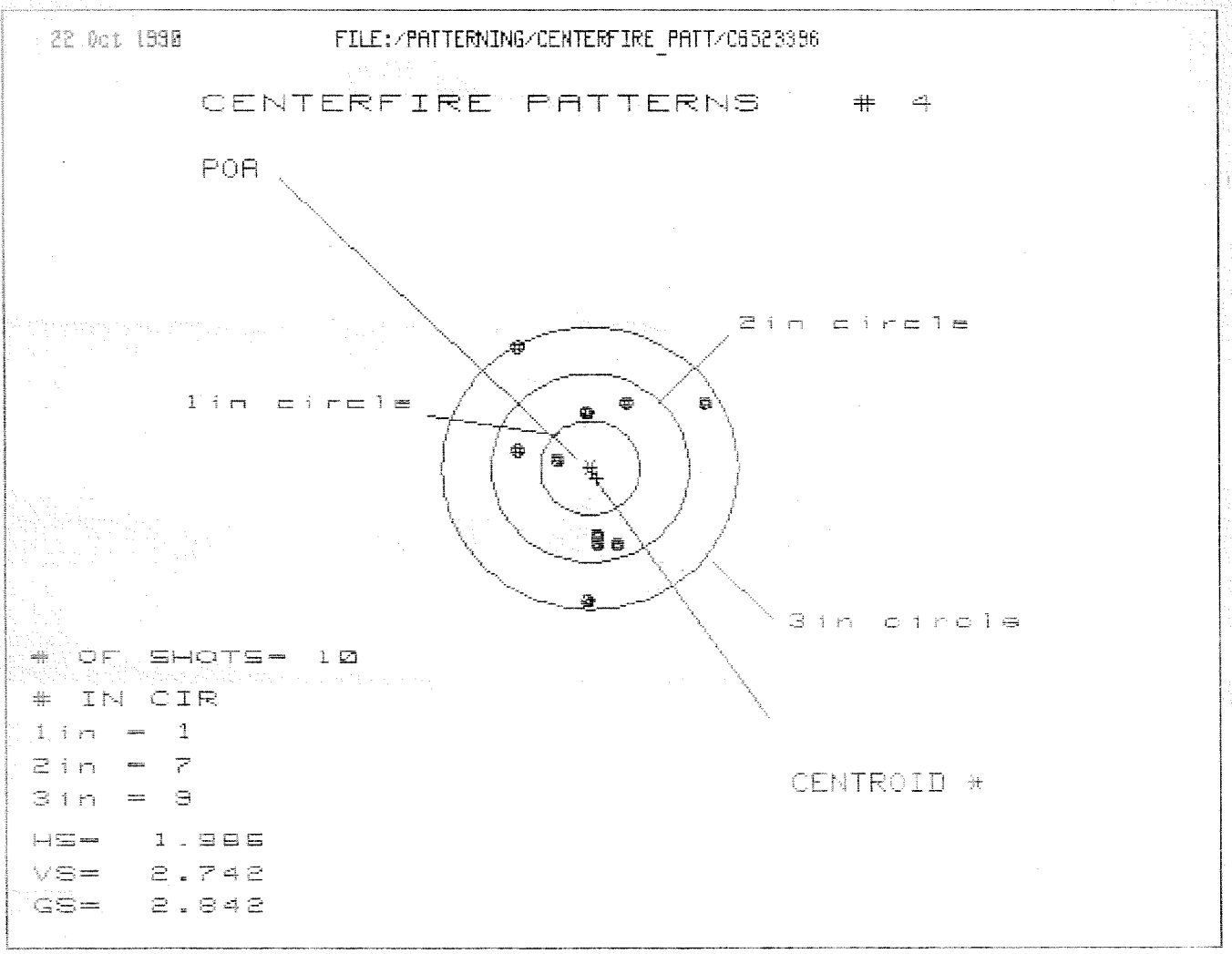
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.517	1.046	.917
MINIMUM X	:	-1.199	-1.030	-.729
MAXIMUM Y	:	.953	.949	.861
MINIMUM Y	:	-.956	-.960	-1.048
CENTROID X	:	.220	.051	.180
CENTROID Y	:	-.158	-.154	-.066
POA TO CENTROID in.	:	.270	.162	.192
MIN RADIUS	:	.377	.394	.430
MEAN RADIUS	:	.943	.859	.004
MAX RADIUS	:	1.518	1.412	1.258
HORIZONTAL SPREAD	:	2.716	2.076	1.646
VERTICAL SPREAD	:	1.909	1.909	1.909
EXTREME SPREAD	:	2.798	2.656	2.227
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.538	.560	.500
MINIMUM X	:	-.617	-.595	-.655
MAXIMUM Y	:	1.266	1.102	.985
MINIMUM Y	:	-1.482	-.939	-.801
CENTROID X	:	-.031	-.053	.007
CENTROID Y	:	.026	.190	.052
POA TO CENTROID in.	:	.040	.197	.053
MIN RADIUS	:	.276	.302	.248
MEAN RADIUS	:	.819	.739	.667
MAX RADIUS	:	1.494	1.201	1.026
HORIZONTAL SPREAD	:	1.155	1.155	1.155
VERTICAL SPREAD	:	2.748	2.041	1.786
EXTREME SPREAD	:	2.834	2.209	1.786
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	



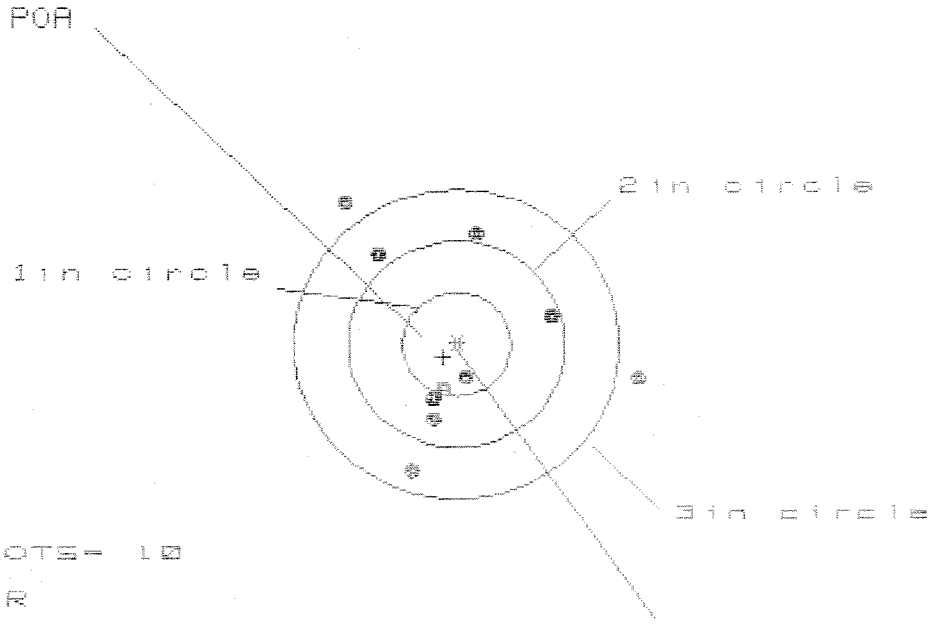
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.250	.681	.680
MINIMUM X	:	-.919	-.780	-.781
MAXIMUM Y	:	1.362	1.293	1.011
MINIMUM Y	:	-1.039	-1.108	-.946
CENTROID X	:	-.219	-.358	-.357
CENTROID Y	:	-.082	-.013	-.175
POA TO CENTROID in.	:	.234	.358	.397
MIN RADIUS	:	.374	.395	.246
MEAN RADIUS	:	.871	.801	.726
MAX RADIUS	:	1.396	1.301	1.165
HORIZONTAL SPREAD	:	2.169	1.461	1.461
VERTICAL SPREAD	:	2.401	2.401	1.957
EXTREME SPREAD	:	2.498	2.498	2.058
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.210	1.123	1.109
MINIMUM X	:	-.776	-.781	-.795
MAXIMUM Y	:	1.323	.879	.720
MINIMUM Y	:	-1.419	-1.272	-.826
CENTROID X	:	-.066	.021	.035
CENTROID Y	:	.109	-.038	.121
POA TO CENTROID in.	:	.127	.043	.126
MIN RADIUS	:	.375	.516	.468
MEAN RADIUS	:	.927	.854	.798
MAX RADIUS	:	1.534	1.426	1.322
HORIZONTAL SPREAD	:	1.986	1.904	1.904
VERTICAL SPREAD	:	2.742	2.151	1.546
EXTREME SPREAD	:	2.842	2.481	1.971
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

22 Oct 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C8523356

CENTERFIRE PATTERNS # 5



# OF SHOTS= 10
# IN CIR
1in = 2
2in = 5
3in = 8

HS= 2.751
VS= 2.578
GS= 3.242

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.670	1.558	.922
MINIMUM X	:	-1.073	-.865	-.670
MAXIMUM Y	:	1.389	1.207	1.185
MINIMUM Y	:	-1.189	-1.034	-1.056
CENTROID X	:	.125	.245	.050
CENTROID Y	:	.123	-.032	-.010
POA TO CENTROID in.	:	.175	.247	.051
MIN RADIUS	:	.349	.285	.245
MEAN RADIUS	:	.997	.874	.767
MAX RADIUS	:	1.756	1.568	1.229
HORIZONTAL SPREAD	:	2.751	2.423	1.592
VERTICAL SPREAD	:	2.578	2.241	2.241
EXTREME SPREAD	:	3.242	2.715	2.327
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

BARBER M24 0027356

RECEIVING AND ESTIMATING REPORT

COMMENTS: W/10X SCOPE,M-24 SNIPER,W/DEPLOYMENT KIT
ATTN: FRED MARTIN
SCOPE 0486

ORDER R 94-18327

INITIAL	CUSTOMER ORDER NO.
FDC	DAAA09-92-C-0834

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
06/11/94	06/11/94		C6523396		700 7.62 NATO

ACCESSORIES: SLING STRAP HARD CASE SCOPE MNTS SCOPE BASE

FROM:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL 36201-5025

SHIP TO:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL
36201-5025

CUST NO:098397 C.O.D.

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE	PROM. DATE	ESTIMATED	VIA
		☐			FRT

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.		B4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

PARTS

✓ Barrel	645.42
✓ Stock	471.11
Trigger ASSY	173.31
✓ Firing pin ASSY	9.96
✓ Mag Spring	1.20
CTI	50.00
	$1349.50

COMMENTS

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
			WB	WB	

GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
			7/29/96	7/29/96	

OFFICE COPY

RD6925 REV. 1/94

SWS TRIGGER PULL TEST

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

SERIAL NO. C6523396
DATE 11-15-95
TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.57	2.63	2.45		MIN. SETTING,
PULL #2	2.61	2.64	2.69		NO AVG. OF 5
PULL #3	2.53	2.69	2.69		READINGS ACCEPT-
PULL #4	2.60	2.59	2.62		ABLE LESS THAN 2#
PULL #5	2.60	2.64	2.65		
TOTAL	12.91	13.19	13.10		
AVG.	2.58	2.63	2.62		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.05	3.00		
PULL #2	3.10	3.04		
PULL #3	3.17	3.03		
PULL #4	3.07	3.03		
PULL #5	3.08	3.00		
TOTAL	15.47	15.10		
AVG.	3.09	3.02		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.10	4.08		4.04
PULL #2	4.05	4.09		4.10
PULL #3	4.13	4.05		4.18
PULL #4	4.13	4.12		4.24
PULL #5	4.10	4.06		4.17
TOTAL	20.51	20.46		20.73
AVG.	4.10	4.08		4.14

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C658 23396

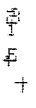
OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock			
600	Proof			
607	Check Headspace			
610	Dis-assemble Gun			
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	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			

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			3/7	AC
	G) Safety Off Force	3	3	3			3/7	AC
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.021	.0205	.020			3/7	AC
	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							
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clearity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection A) Headspace							
	B) Trigger Pull	2.59	2.65	2.55	2.62	2.58	3/1/96	GB
	C) Function							
660	Pack							

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523396
2 Jan 1900

CENTROIDAL DISTANCES

0	TO	1	1.03373
1	TO	2	.243666
1	TO	3	.25824
1	TO	4	.576453
1	TO	5	.493171

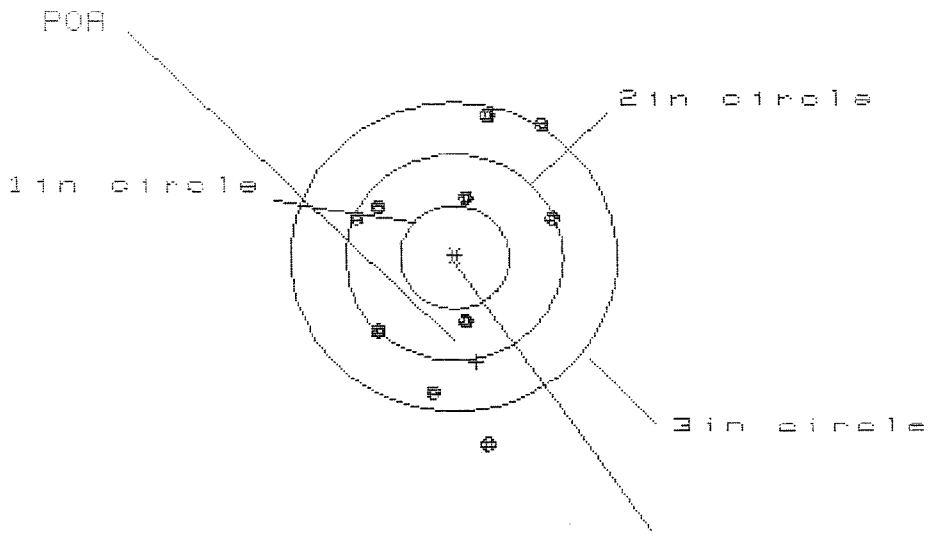


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2002
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .899
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .921022

THE AMR FOR THIS RIFLE IS: .9912

2 Jan 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6523396

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

CENTROID *

1in = 0

2in = 4

3in = 9

HS= 1.798

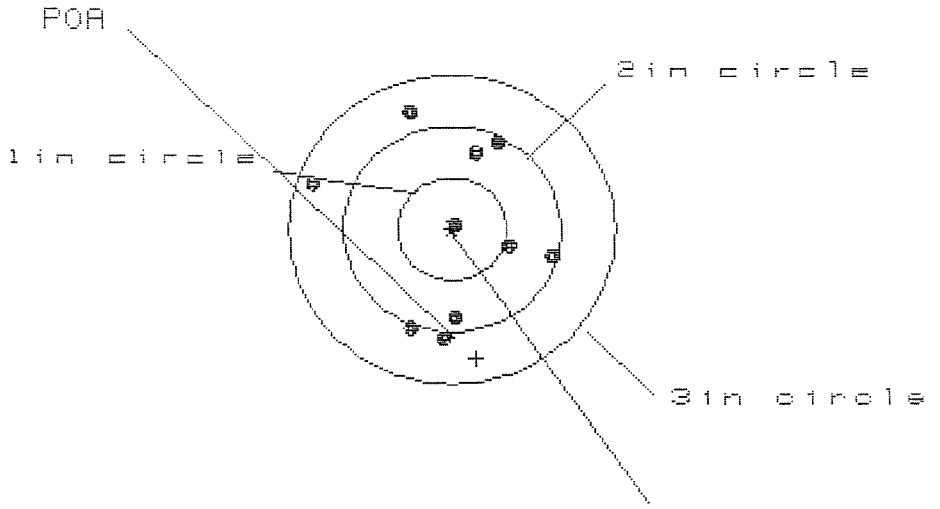
VS= 3.190

GS= 3.190

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.910	.943	1.045
MINIMUM X	:	-.888	-.855	-.753
MAXIMUM Y	:	1.382	1.181	1.311
MINIMUM Y	:	-1.808	-1.549	-1.419
CENTROID X	:	-.201	-.234	-.336
CENTROID Y	:	1.014	1.215	1.085
POA TO CENTROID in.	:	1.034	1.238	1.136
MIN RADIUS	:	.547	.357	.516
MEAN RADIUS	:	1.105	.997	.951
MAX RADIUS	:	1.832	1.556	1.420
HORIZONTAL SPREAD	:	1.798	1.798	1.798
VERTICAL SPREAD	:	3.190	2.730	2.730
EXTREME SPREAD	:	3.190	2.781	2.781
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

2 Jan 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6523896

CENTERFIRE PATTERNS # 2

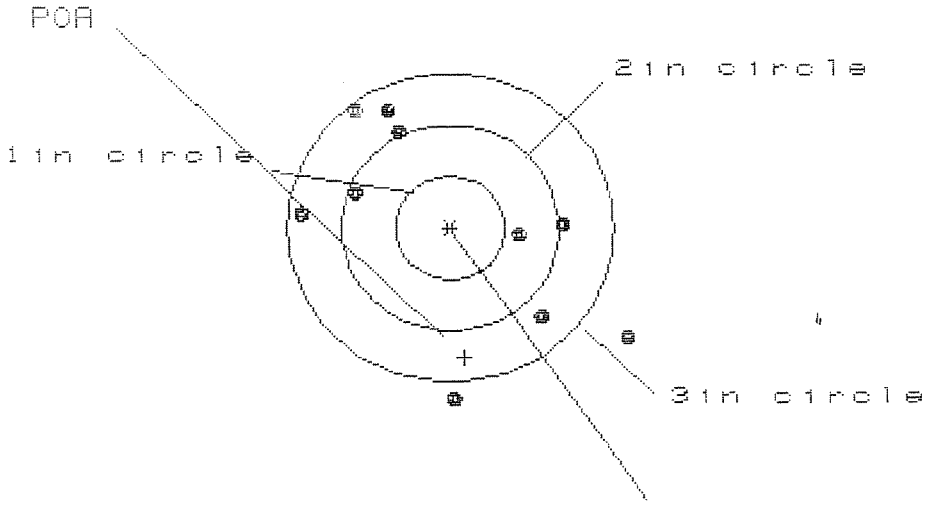


# OF SHOTS= 10
# IN CIR
1in = 1
2in = 6
3in = 10
HS= 2.127
VS= 2.241
GS= 2.267

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.876	.737	.673
MINIMUM X	:	-1.251	-.552	-.616
MAXIMUM Y	:	1.177	1.227	1.017
MINIMUM Y	:	-1.064	-1.014	-.861
CENTROID X	:	-.219	-.080	-.016
CENTROID Y	:	1.257	1.207	1.054
POA TO CENTROID in.	:	1.276	1.210	1.054
MIN RADIUS	:	.069	.190	.283
MEAN RADIUS	:	.875	.810	.732
MAX RADIUS	:	1.328	1.329	1.050
HORIZONTAL SPREAD	:	2.127	1.289	1.289
VERTICAL SPREAD	:	2.241	2.241	1.878
EXTREME SPREAD	:	2.267	2.267	1.974
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

2 Jan 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6523396

CENTERFIRE PATTERNS # 3



# OF SHOTS= 10
# IN CIR
1in = 0
2in = 3
3in = 8
HS= 3.068
VS= 2.867
GS= 3.400

PATTERN # : 3

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.674	1.251	1.278
MINIMUM X	:	-1.394	-1.208	-1.181
MAXIMUM Y	:	1.166	1.048	.820
MINIMUM Y	:	-1.701	-1.819	-1.167
CENTROID X	:	-.129	-.315	-.342
CENTROID Y	:	1.262	1.380	1.608
POA TO CENTROID in.	:	1.268	1.416	1.644
MIN RADIUS	:	.676	.743	.594
MEAN RADIUS	:	1.266	1.158	1.029
MAX RADIUS	:	1.987	1.832	1.551
HORIZONTAL SPREAD	:	3.068	2.459	2.459
VERTICAL SPREAD	:	2.867	2.867	1.987
EXTREME SPREAD	:	3.400	3.009	2.612

NUMBER IN ONE INCH CIRCLE = 0
NUMBER IN TWO INCH CIRCLE = 3
NUMBER IN THREE INCH CIRCLE = 8

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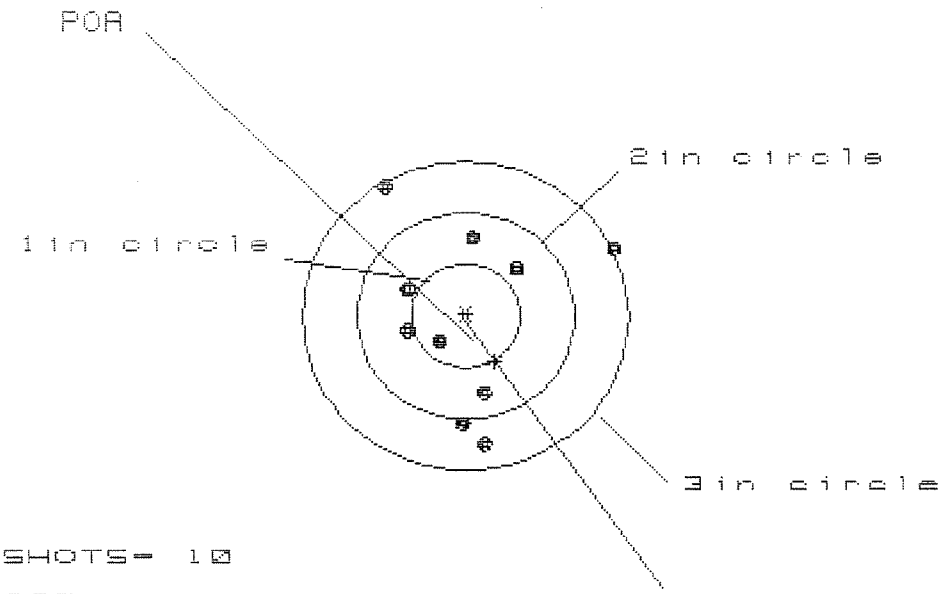
CENTERFIRE PATTERNS # 4



OF SHOTS= 10

# IN CIR
1in = 1
2in = 7
3in = 10

HS= 2.100
VS= 2.508
GS= 2.662

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.326	1.240	.536
MINIMUM X	:	-.774	-.663	-.508
MAXIMUM Y	:	1.240	.879	.973
MINIMUM Y	:	-1.268	-1.130	-1.036
CENTROID X	:	-.264	-.178	-.333
CENTROID Y	:	.441	.303	.209
POA TO CENTROID in.	:	.514	.351	.393
MIN RADIUS	:	.365	.360	.185
MEAN RADIUS	:	.882	.815	.696
MAX RADIUS	:	1.462	1.448	1.053
HORIZONTAL SPREAD	:	2.100	1.903	1.044
VERTICAL SPREAD	:	2.508	2.009	2.009
EXTREME SPREAD	:	2.662	2.234	2.009
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

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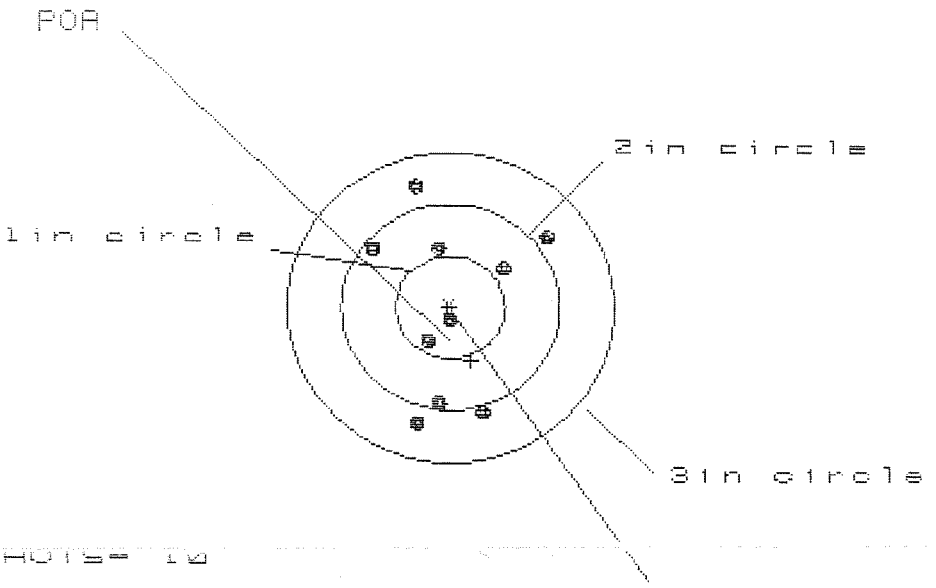
CENTERFIRE PATTERNS # 5



OF SHOTS= 10

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

HS= 1.619
VS= 2.281
GS= 2.281

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.876	.842	.801
MINIMUM X	:	-.743	-.777	-.818
MAXIMUM Y	:	1.138	1.011	.716
MINIMUM Y	:	-1.143	-1.130	-1.003
CENTROID X	:	-.188	-.154	-.113
CENTROID Y	:	.521	.648	.521
POA TO CENTROID in.	:	.554	.666	.533
MIN RADIUS	:	.096	.215	.096
MEAN RADIUS	:	.828	.789	.740
MAX RADIUS	:	1.182	1.160	1.074
HORIZONTAL SPREAD	:	1.619	1.619	1.619
VERTICAL SPREAD	:	2.281	2.141	1.719
EXTREME SPREAD	:	2.281	2.223	1.928
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	