C6587613

MODEL 700™ M24

Model SWS™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

BARBER M24 0023771

RECEIVING AND ESTIMATING REPORT

COMMENTS: W/10X SCOPE, M-24 SNIPER, W/DEPLOYMENT KIT
ATTN: FRED MARTIN
Scope S/N 90 0783

ORDER: R 94-18288

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

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
06/10/94	06/10/94		C6587613		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

New Barrel, Stock,
Trigger Assy.
Firing Pin Assy
Mag Spring
Front & Rear Sight Assy

COMMENTS

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
			✓	✓	
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
			5/16/96	5/16/96	

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. 6589613
DATE 5-7-96
TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.58	2.69	2.38		MIN. SETTING,
PULL #2	2.43	2.54	2.29		NO AVG. OF 5
PULL #3	2.56	2.48	2.32		READINGS ACCEPT-
PULL #4	2.54	2.45	2.27		ABLE LESS THAN 2#
PULL #5	2.48	2.45	2.33		
TOTAL	1259	1261	1159		
AVG.	2.51	2.52	2.31		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.13	2.98		
PULL #2	3.11	2.92		
PULL #3	3.06	3.00		
PULL #4	3.09	3.01		
PULL #5	3.08	2.98		
TOTAL	1547	1489		
AVG.	3.09	2.97		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.15	4.20		4.22
PULL #2	4.11	4.00		4.24
PULL #3	4.08	4.05		4.25
PULL #4	4.01	4.00		4.22
PULL #5	4.05	4.05		4.29
TOTAL	2040	2030		2122
AVG.	4.08	4.06		4.24

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587613
27 Mar 1900

CENTROIDAL DISTANCES

0	TO	1	.508936
1	TO	2	.233857
1	TO	3	.249303
1	TO	4	.13438
1	TO	5	.270675

<----POA

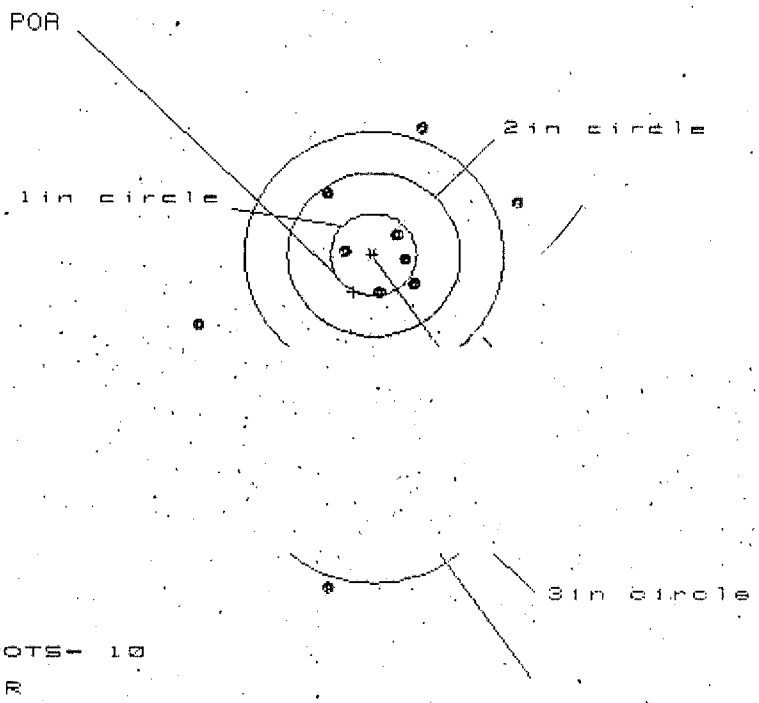
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2278
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .3994
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .459797

THE AMR FOR THIS RIFLE IS: 1.034

of ammo used for the test.

27 Mar 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6587613

CENTERFIRE PATTERNS # 1

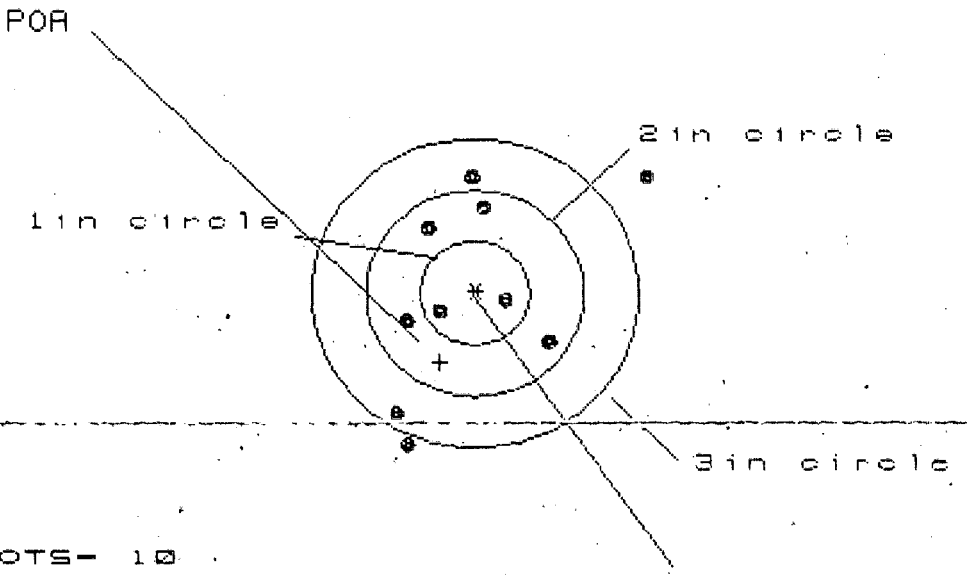


# OF SHOTS= 10
# IN CIR
1in = 4
2in = 6
3in = 6
HS= 3.690
VS= 3.034
GS= 3.975

PATTERN #	:	#1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.702	1.481	.530
MINIMUM X	:	-1.988	-.762	-.577
MAXIMUM Y	:	1.530	1.440	1.512
MINIMUM Y	:	-1.504	-1.594	-1.522
CENTROID X	:	.230	.451	.266
CENTROID Y	:	.454	.544	.472
POA-TO-CENTROID	:	.509	.707	.542
MIN RADIUS	:	.337	.143	.312
MEAN RADIUS	:	1.013	.862	.767
MAX RADIUS	:	2.147	1.756	1.618
HORIZONTAL SPREAD	:	3.690	2.243	1.107
VERTICAL SPREAD	:	3.034	3.034	3.034
EXTREME SPREAD	:	3.975	3.221	3.221
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		6	

27 Mar 1908 FILE:/PATTERNING/CENTERFIRE_PATT/C6587613

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

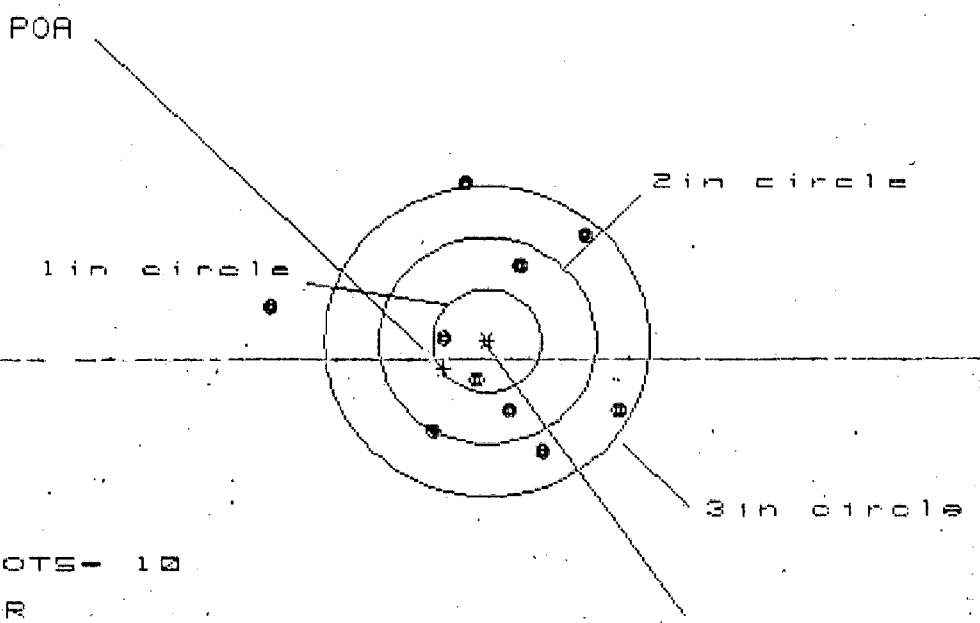
# IN CIR
1in = 2
2in = 6
3in = 8

HS= 2.261
VS= 2.606
GS= 3.422

PATTERN #	:	#2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.584	.848	.791
MINIMUM X	:	-.677	-.501	-.558
MAXIMUM Y	:	1.148	1.211	1.044
MINIMUM Y	:	-1.458	-1.330	-1.224
CENTROID X	:	.322	.146	.203
CENTROID Y	:	.669	.541	.708
POA TO CENTROID in.	:	.742	.561	.736
MIN RADIUS	:	.292	.132	.297
MEAN RADIUS	:	.973	.840	.765
MAX RADIUS	:	1.956	1.407	1.345
HORIZONTAL SPREAD	:	2.261	1.349	1.349
VERTICAL SPREAD	:	2.606	2.541	2.268
EXTREME SPREAD	:	3.422	2.622	2.370
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

27 Mar 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C6587613

CENTERFIRE PATTERNS # 3

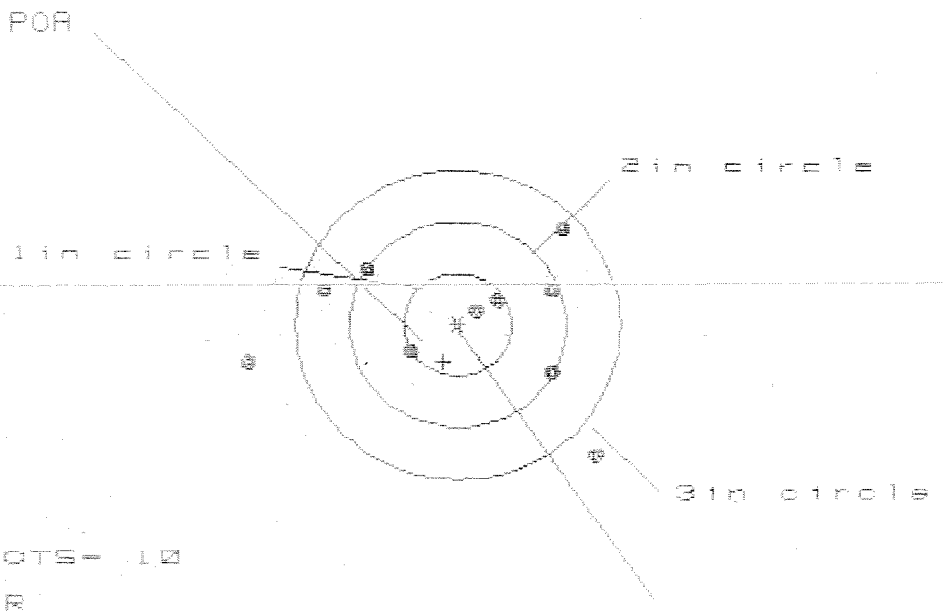


# OF SHOTS= 10
# IN CIR
1in = 2
2in = 4
3in = 8
HS= 3.197
VS= 2.585
GS= 3.328

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.242	1.025	.972
MINIMUM X	:	-1.955	-.668	-.721
MAXIMUM Y	:	1.537	1.569	1.296
MINIMUM Y	:	-1.048	-1.016	-.820
CENTROID X	:	.396	.613	.666
CENTROID Y	:	.268	.236	.040
POA TO CENTROID in.	:	.478	.657	.667
MIN RADIUS	:	.353	.457	.413
MEAN RADIUS	:	1.082	.980	.867
MAX RADIUS	:	1.976	1.625	1.453
HORIZONTAL SPREAD	:	3.197	1.693	1.693
VERTICAL SPREAD	:	2.585	2.585	2.116
EXTREME SPREAD	:	3.328	2.670	2.412
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

27 Mar 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C0587813

CENTERFIRE PATTERNS # 4

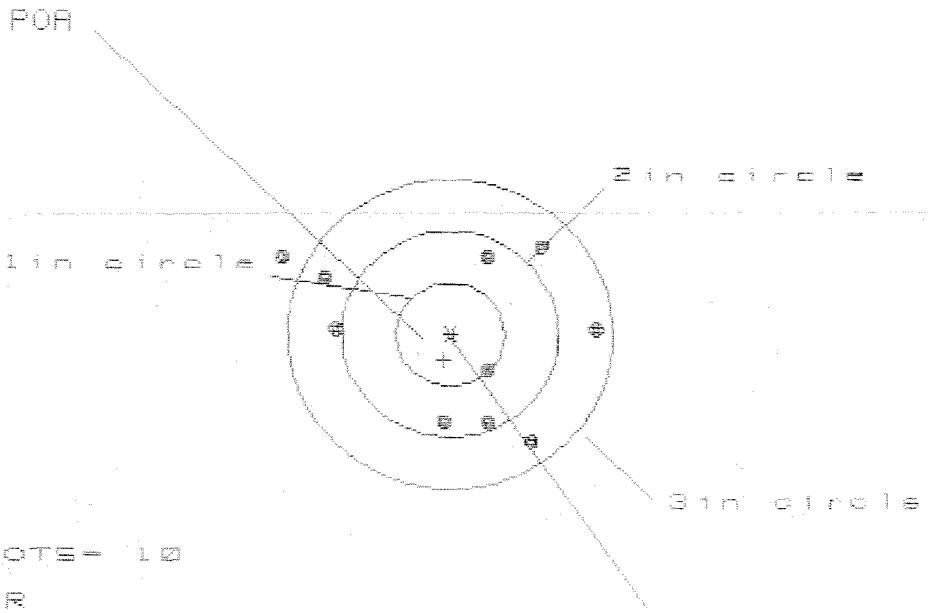


# OF SHOTS= 10
# IN CIR
1in = 3
2in = 6
3in = 8
HS= 3.242
VS= 2.180
GS= 3.356

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.278	1.060	.860
MINIMUM X	-1.964	-1.440	-1.307
MAXIMUM Y	.914	.870	.706
MINIMUM Y	-1.266	-1.310	-.708
CENTROID X	.133	.352	.219
CENTROID Y	.361	.405	.569
POA TO CENTROID in.	.385	.536	.610
MIN RADIUS	.152	.107	.122
MEAN RADIUS	1.028	.885	.779
MAX RADIUS	2.004	1.685	1.316
HORIZONTAL SPREAD	3.242	2.500	2.167
VERTICAL SPREAD	2.180	2.180	1.414
EXTREME SPREAD	3.356	2.981	2.237
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		8	

27 Mar 1900 FILE:/PATTERNING/CENTERFIRE_PATT/06507613

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

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

HS= 2.890
VS= 1.847
GS= 2.957

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.336	1.163	.795
MINIMUM X	:	-1.554	-1.331	-1.185
MAXIMUM Y	:	.809	.888	.909
MINIMUM Y	:	-1.038	-.959	-.938
CENTROID X	:	.058	.231	.085
CENTROID Y	:	.245	.166	.145
POA TO CENTROID in.	:	.252	.284	.169
MIN RADIUS	:	.437	.266	.352
MEAN RADIUS	:	1.075	.969	.946
MAX RADIUS	:	1.710	1.459	1.337
HORIZONTAL SPREAD	:	2.890	2.494	1.981
VERTICAL SPREAD	:	1.847	1.847	1.847
EXTREME SPREAD	:	2.957	2.531	2.437
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

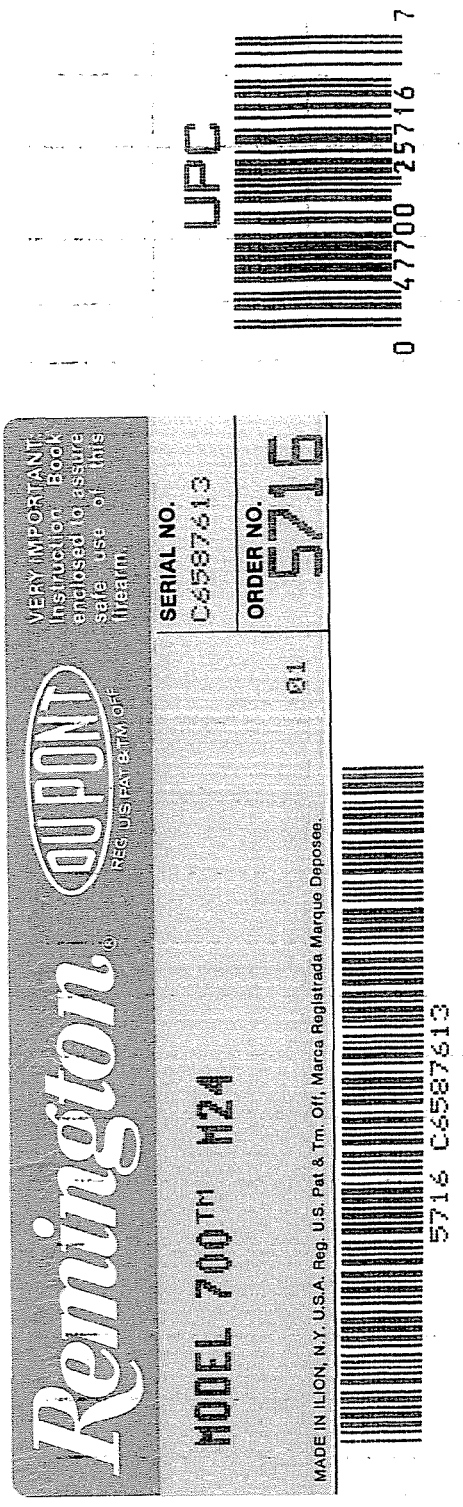
M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587613

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. #	BARBER - M24 0023780 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			5/29/96	AC
	G) Safety Off Force	3	3	3			5/29/96	AC
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.022	.023	.023			5/29/96	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	2.71	2.73	2.78	2.73	2.81	5/29/96	WS
	C) Function							
660	Pack							


Remington
DUPONT
REG. U.S. PAT. & TM. OFF.
VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm
MODEL 700™ M24
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off., Marca Registrada Marque Deposee.
SERIAL NO.
C6587613
ORDER NO.
5716
01
5716 C6587613

UPC
0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587613

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/24/90	KA
600	Proof		10/24/90	KA
607	Check Headspace		10/24/90	KA
610	Dis-assemble Gun		10/24/90	KA
612	Magnaflux Barrel Action		10/24/90	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	DS
617	Drill and Tap Sight Holes		10/25/90	KB
618	Polish Barrel KB		10/26/90	KB
620	Apply Coatings (Barrel Action)		11-7-90	KA
	Apply Coating (Bolt)		11-7-90	KA
625	Final Assembly A) Clean inside of Bolt Assembly		11/7/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/7/90	KS
	C) Inspect Ejector Hole for Chamfer		11/7/90	KS
	D) Oil Firing Pin Ass'y		11/7/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		11/26/90	KA

op. #	OP. NAME	READINGS	DATE	INIT
625 cont.	F) Safety On Force	3 1/2 | 3 1/2 | 3 1/2	11/26/90	WB
	G) Safety Off Force	2 | 2 | 2	11/26/90	WB
	H) Trigger Pull Test & Retainability		11/28/90	
	I) Firing Pin Indent	.021 | .022 | .0215	11/26/90	WB
	J) Assemble Stock		11/28/90	KS
	K) Assemble Swivel Studs		11-29-90	
	L) Attach Front and Rear Sight Assemblies		11/28/90	KS
	M) Iron Sight Alignment		11/28/90	KS
	N) Detach Front & Rear Sights & place in numbered container		11/28/90	KS
	O) Attach Scope to Rifle		11/28/90	KS
	P) Detach & Attach Scope 20 Times		11/28/90	KS
640	Gallery Target & Test		11/28/90	KT
	A) Time			KT
	B) Malfunctions			KT
	C) Pierced Primers			KT
	D) Optical Clearity of Scope			KT
645	Inspect for Live Ammo		11/28/90	KT
655	Final Inspection A) Headspace		11-29-90	
	B) Trigger Pull	285 | 293 | 283 | 287 | 285	11-29-90	
	C) Function		11-29-90	
660	Pack		12-7-90	

SWS TRIGGER PULL TEST

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

SERIAL NO. CC587613

DATE 11-20-90

TESTER

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.36	2.26	2.26	2.85	MIN. SETTING,
PULL #2	2.20	2.27	2.29	293	NO AVG. OF 5
PULL #3	2.15	2.28	2.32	283	READINGS ACCEPT-
PULL #4	2.16	2.27	2.32	287	ABLE LESS THAN 2#
PULL #5	2.31	2.34	2.36	285	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.34	3.32		
PULL #2	3.35	3.38		
PULL #3	3.18	3.32		
PULL #4	3.32	3.41		
PULL #5	3.24	3.25		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.39	4.23		4.20
PULL #2	4.29	4.34		4.31
PULL #3	4.32	4.32		4.27
PULL #4	4.28	4.27		4.33
PULL #5	4.27	4.28		4.23
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587613
29 Nov 1990

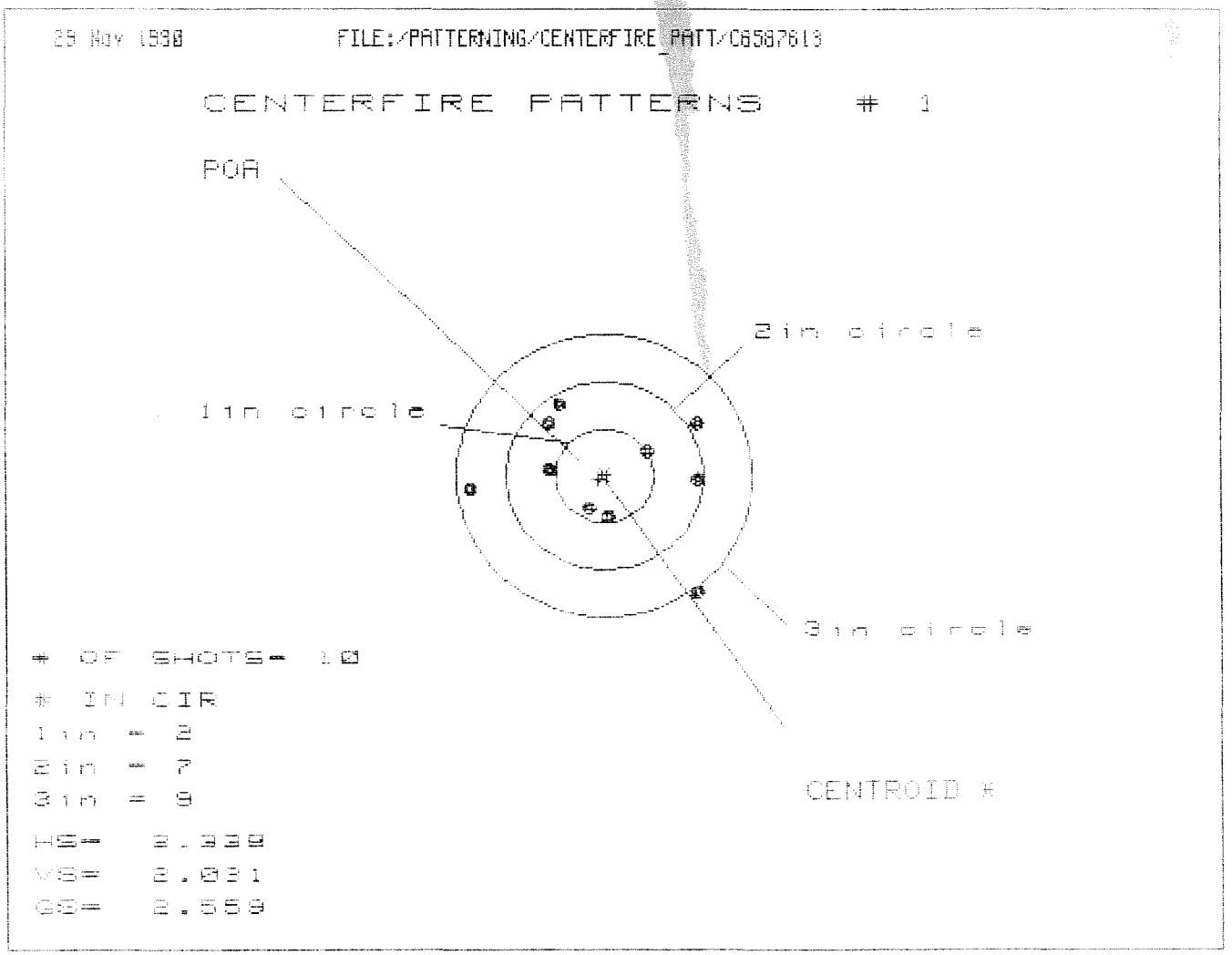
CENTROIDAL DISTANCES

0	TO	1	.0738241
1	TO	2	.470304
1	TO	3	.411011
1	TO	4	.127311
1	TO	5	.206932

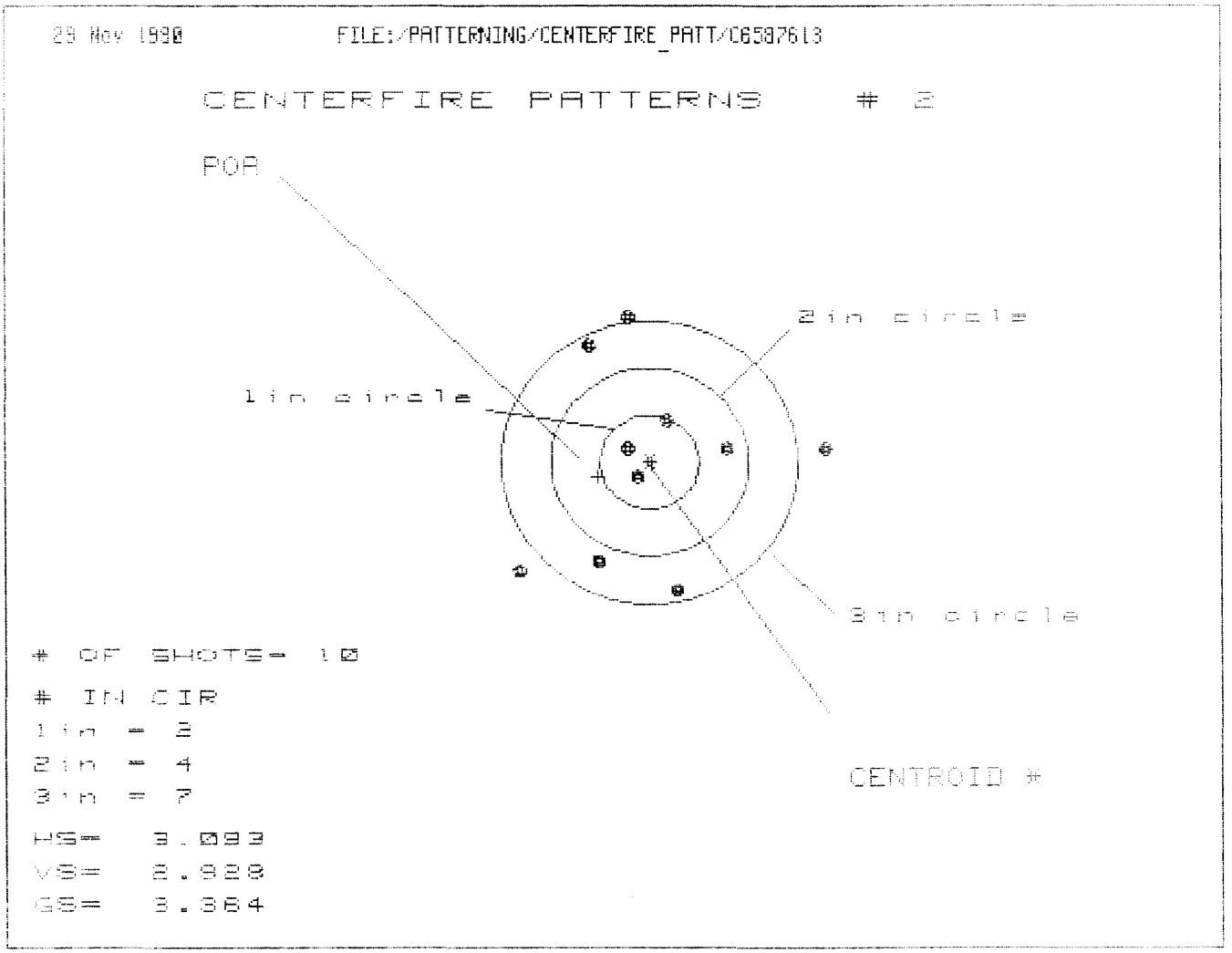
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1048
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0202
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .106729

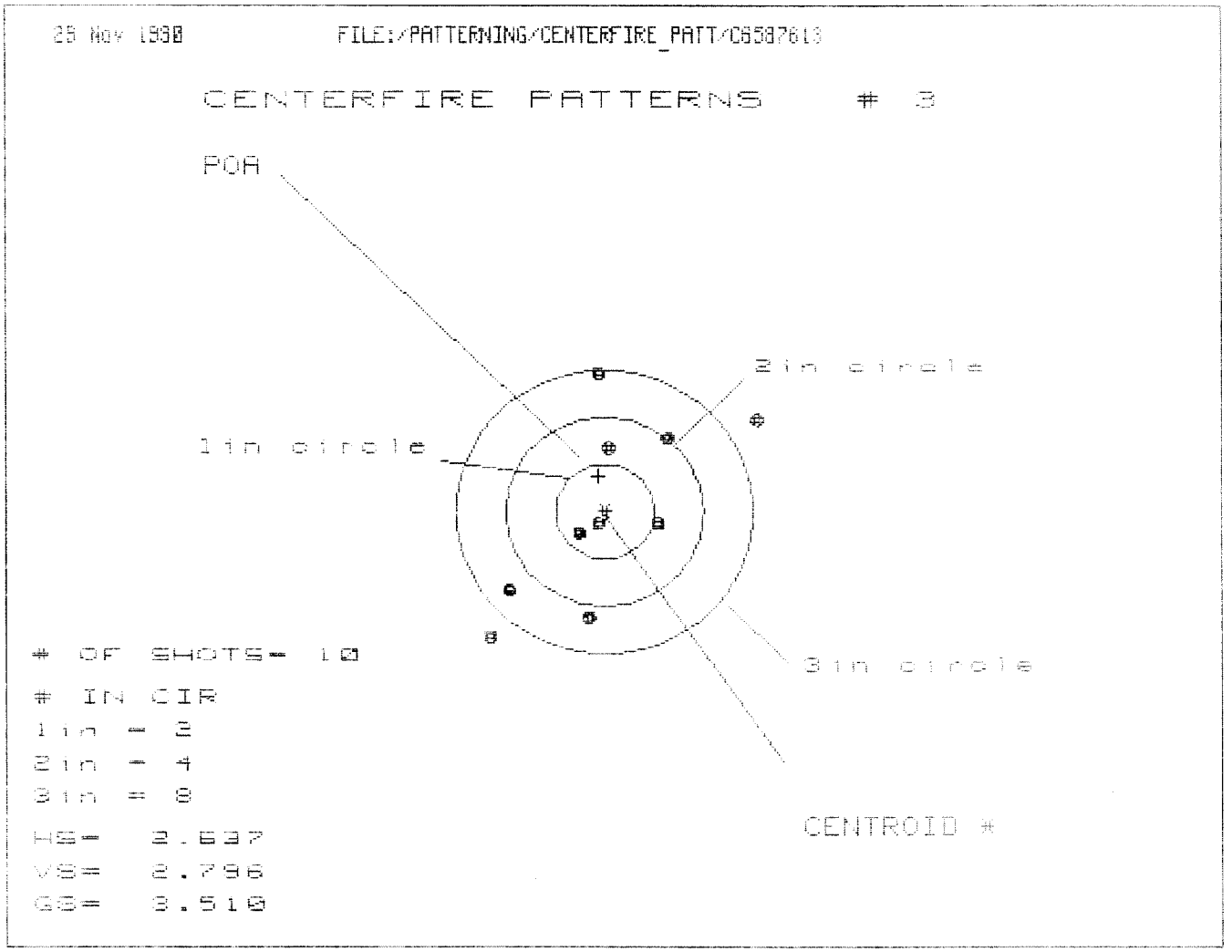
THE AMR FOR THIS RIFLE IS: .9512



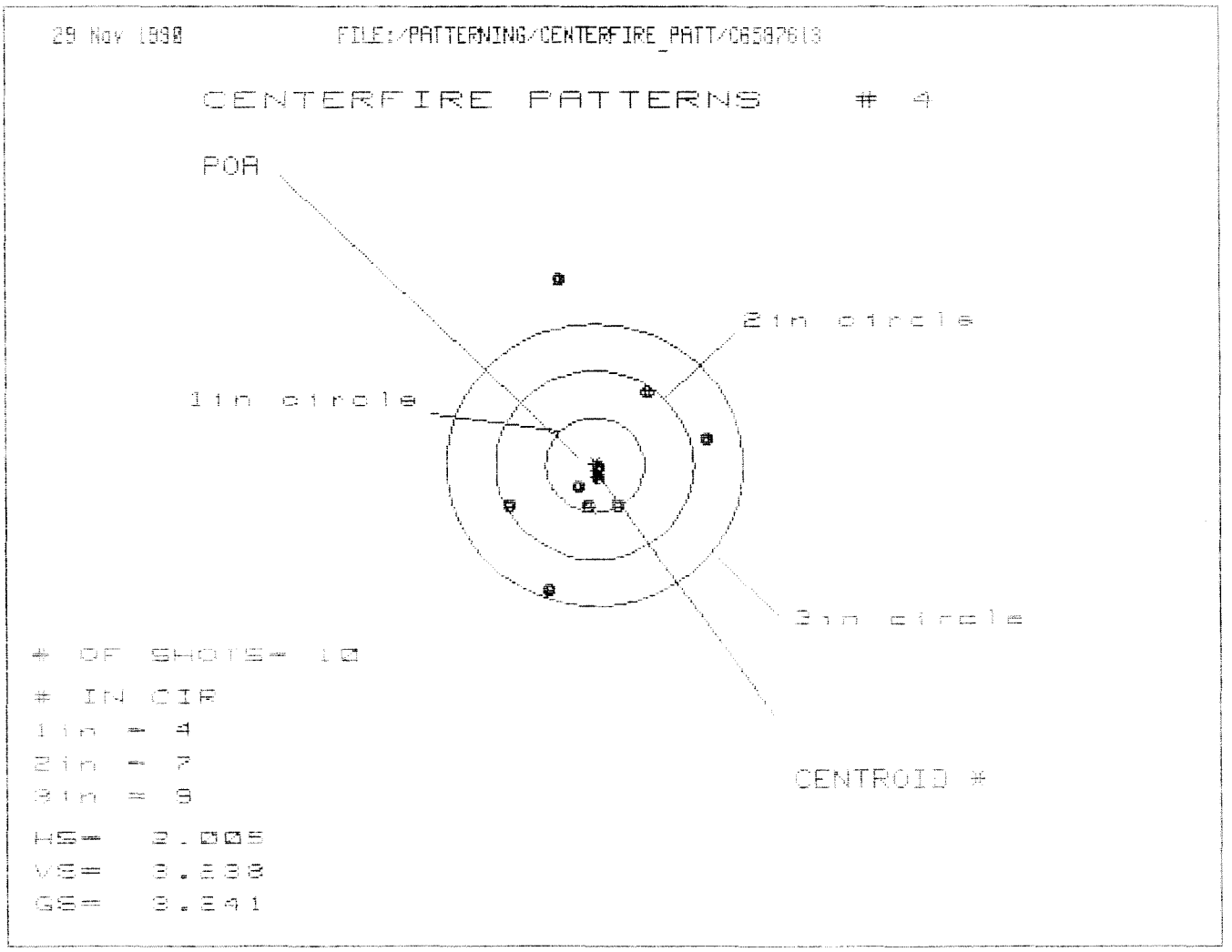
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.924	1.023	.858
MINIMUM X	:	-1.414	-1.315	-.618
MAXIMUM Y	:	.774	.634	.600
MINIMUM Y	:	-1.257	-.609	-.643
CENTROID X	:	.065	-.034	.131
CENTROID Y	:	.035	.175	.209
POA TO CENTROID in.	:	.074	.178	.247
MIN RADIUS	:	.396	.461	.375
MEAN RADIUS	:	.856	.770	.694
MAX RADIUS	:	1.538	1.344	.926
HORIZONTAL SPREAD	:	2.338	2.338	1.476
VERTICAL SPREAD	:	2.031	1.243	1.243
EXTREME SPREAD	:	2.559	2.423	1.585
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	



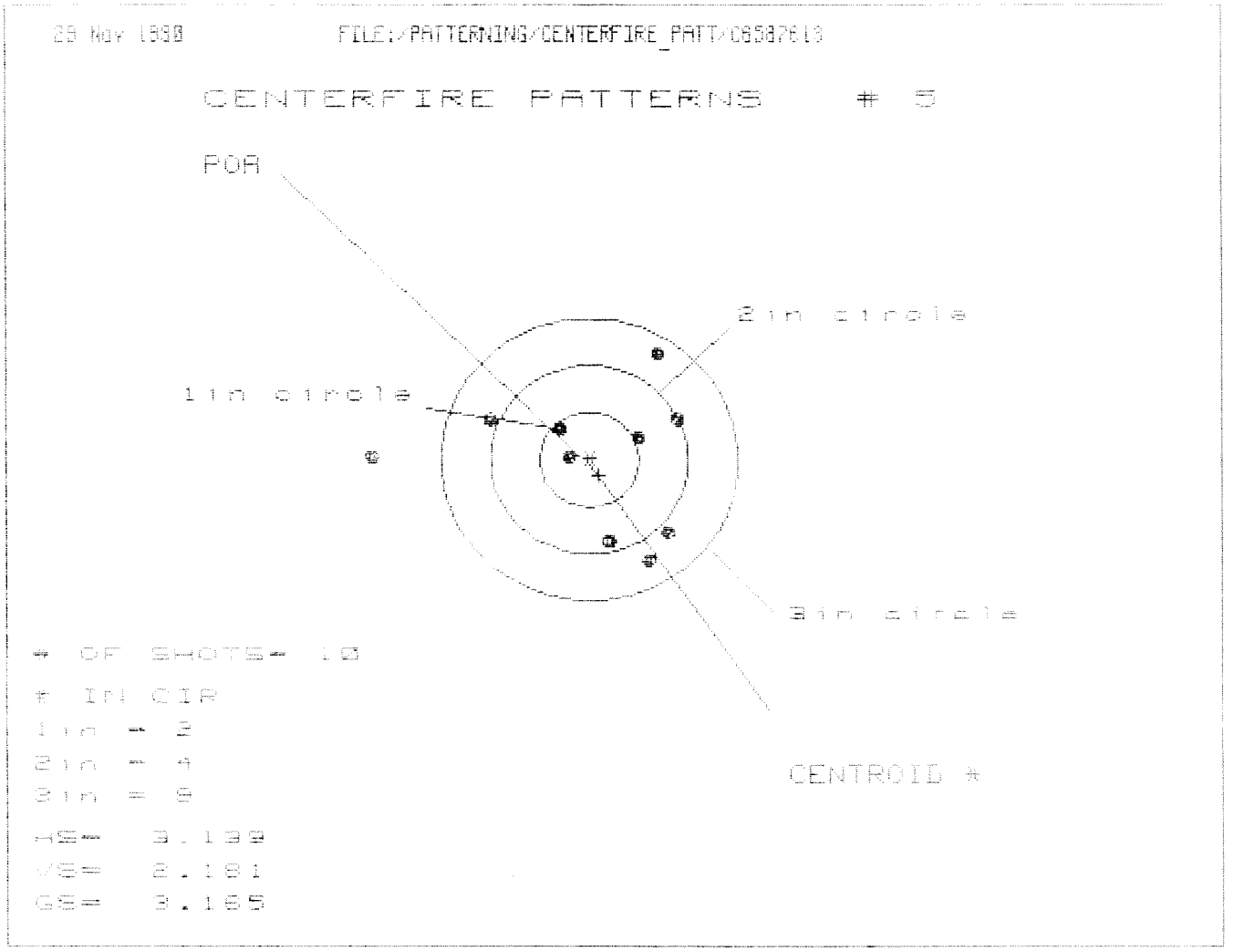
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.770	1.015	.874
MINIMUM X	:	-1.323	-1.126	-.558
MAXIMUM Y	:	1.541	1.562	1.422
MINIMUM Y	:	-1.387	-1.366	-1.506
CENTROID X	:	.520	.323	.464
CENTROID Y	:	.154	.133	.273
POA TO CENTROID in.	:	.542	.350	.538
MIN RADIUS	:	.182	.139	.217
MEAN RADIUS	:	1.085	.995	.904
MAX RADIUS	:	1.780	1.587	1.551
HORIZONTAL SPREAD	:	3.093	2.141	1.432
VERTICAL SPREAD	:	2.928	2.928	2.928
EXTREME SPREAD	:	3.364	2.970	2.970
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	:	1.516	.792	.673
MINIMUM X	:	-1.121	-.953	-.874
MAXIMUM Y	:	1.428	1.534	1.376
MINIMUM Y	:	-1.368	-1.262	-1.187
CENTROID X	:	.062	-.106	.013
CENTROID Y	:	-.376	-.482	-.324
POA TO CENTROID in.	:	.382	.493	.324
MIN RADIUS	:	.164	.147	.214
MEAN RADIUS	:	1.007	.904	.819
MAX RADIUS	:	1.788	1.582	1.277
HORIZONTAL SPREAD	:	2.637	1.745	1.547
VERTICAL SPREAD	:	2.796	2.796	2.563
EXTREME SPREAD	:	3.510	2.977	2.564
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.168	1.127	1.058
MINIMUM X	:	-.837	-.878	-.947
MAXIMUM Y	:	1.934	.950	.814
MINIMUM Y	:	-1.304	-1.089	-.350
CENTROID X	:	-.027	.014	.083
CENTROID Y	:	.123	-.092	.044
POA TO CENTROID in.	:	.126	.093	.094
MIN RADIUS	:	.075	.073	.081
MEAN RADIUS	:	.788	.607	.548
MAX RADIUS	:	1.969	1.239	1.124
HORIZONTAL SPREAD	:	2.005	2.005	2.005
VERTICAL SPREAD	:	3.238	2.039	1.164
EXTREME SPREAD	:	3.241	2.323	2.117
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.927	.681	.740
MINIMUM X	:	-2.212	-1.297	-1.238
MAXIMUM Y	:	1.139	1.142	.599
MINIMUM Y	:	-1.042	-1.039	-.896
CENTROID X	:	-.096	.150	.091
CENTROID Y	:	.165	.162	.019
POA TO CENTROID in.	:	.191	.221	.093
MIN RADIUS	:	.219	.359	.432
MEAN RADIUS	:	1.020	.868	.818
MAX RADIUS	:	2.213	1.375	1.376
HORIZONTAL SPREAD	:	3.139	1.978	1.978
VERTICAL SPREAD	:	2.181	2.181	1.495
EXTREME SPREAD	:	3.165	2.251	2.251
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	