C661574

MODEL 700™ M24

Model SWS™

Action

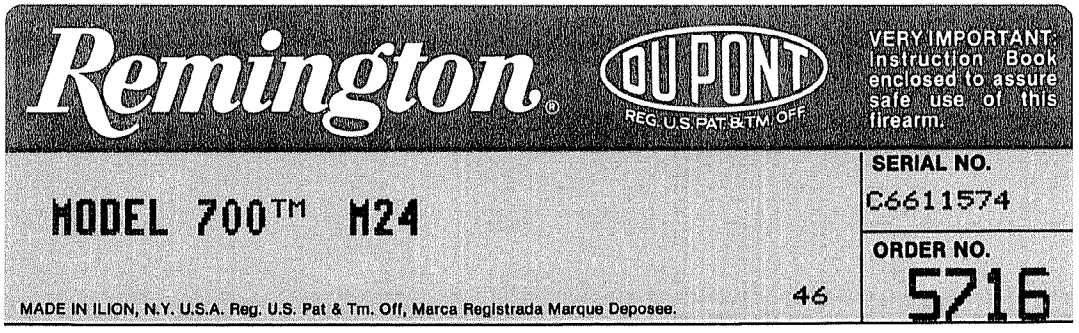
Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington



RECEIVING AND ESTIMATING REPORT

COMMENTS: Cycls 30 RT. W/10X SCOPE, M-24 SNIPER, W/DEPLOYMENT KIT ATTN: FRED MARTIN

ORDER: R 94-18410

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		C6611574		700 7.62 NATO

ACCESSORIES: SLING STRAP HARD CASE SCOPE MNTS SCOPE BASE

90-~~0544~~ 0546

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

Trigger Assy	$173.31
Firing pin Assy	9.96
CTL	50.00
	$233.27

COMMENTS

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
			AC		
GALLERY TESTER	**DATE**	**DATE**	**DATE**	**DATE**	**DATE**
			1/20		

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. C6611574
DATE 10-26-95
TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.48	2.45	2.41		MIN. SETTING,
PULL #2	2.45	2.29	2.34		NO AVG. OF 5
PULL #3	2.32	2.34	2.35		READINGS ACCEPT-
PULL #4	2.32	2.35	2.31		ABLE LESS THAN 2#
PULL #5	2.33	2.43	2.30		
TOTAL	11.90	11.86	11.71		
AVG.	2.38	2.37	2.34		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.15	2.86		
PULL #2	3.08	2.86		
PULL #3	3.06	2.80		
PULL #4	3.12	2.75		
PULL #5	3.08	2.80		
TOTAL	15.49	14.07		
AVG.	3.09	2.81		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.16	3.96	4.00	
PULL #2	3.90	3.94	4.09	
PULL #3	4.20	3.85	4.17	
PULL #4	4.00	3.91	4.14	
PULL #5	3.91	3.91	4.12	
TOTAL	20.17	19.57	20.52	
AVG.	4.03	3.91	4.10	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611574

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 1/2	6 1/2	6 1/2			1/24/96	WB
	G) Safety Off Force	7 3/4	7 3/4	7 3/4			1/24/96	WB
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.024	.023	.023			1/24/96	WB
	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						1/27/96	WB
	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	2.60	2.52	2.50	2.54	2.47	1/24/96	WB
	C) Function							
660	Pack							

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 66115574

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		3/26/91	K.S.
600	Proof		3/26/91	K.S.
607	Check Headspace		3/26/91	K.S.
610	Dis-assemble Gun		3/26/91	K.S.
612	Magnaflux Barrel Action	APR	2 1991	KR
	Magnaflux Bolt	APR	2 1991	"
615	Rollmark Caliber	APR	2 1991	
617	Drill and Tap Sight Holes	APR	5 1991	
618	Polish Barrel	APR	5 1991	
620	Apply Coatings (Barrel Action)		4-10-91	
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/10/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/10/91	KS
	C) Inspect Ejector Hole for Chamfer		4/10/91	KS
	D) Oil Firing Pin Ass'y		4/10/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		4/11/91	

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			4/11/91	JC
	G) Safety Off Force	3	3	3			4/11/91	JC
	H) Trigger Pull Test & Retainability						4/11/91	JC
	I) Firing Pin Indent	.0225	.0225	.0225			4/11/91	JC
	J) Assemble Stock						4/11/91	KS
	K) Assemble Swivel Studs						4-17-91	AC
	L) Attach Front and Rear Sight Assemblies						4/11/91	KS
	M) Iron Sight Alignment						4/11/91	KS
	N) Detach Front & Rear Sights & place in numbered container						4/11/91	KS
	O) Attach Scope to Rifle						4/11/91	KS
	P) Detach & Attach Scope 20 Times						4/11/91	KS
640	Gallery Target & Test						4-14-91	AC
	A) Time						4-12-91	AC
	B) Malfunctions						4-12-91	AC
	C) Pierced Primers						4-12-91	AC
	D) Optical Clearity of Scope						4-12-91	AC
645	Inspect for Live Ammo						4-12-91	AC
655	Final Inspection A) Headspace						4-17-91	AC
	B) Trigger Pull	2.49	2.48	2.48	2.66	2.54	4/12/91	JC
	C) Function						4-17-91	AC
660	Pack						4-17-91	AC

SWS TRIGGER PULL TEST

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

SERIAL NO C-6611574

DATE 4/11/91

TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.51	2.33	2.42	2.49	MIN. SETTING,
PULL #2	2.55	2.27	2.40	2.48	NO AVG. OF 5
PULL #3	2.51	2.39	2.28	2.48	READINGS ACCEPT-
PULL #4	2.35	2.39	2.40	2.56	ABLE LESS THAN 2#
PULL #5	2.31	2.41	2.42	2.54	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.55	3.25		
PULL #2	3.53	3.39		
PULL #3	3.32	3.40		
PULL #4	3.26	3.30		
PULL #5	3.37	3.28		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.36	4.46		4.49
PULL #2	4.51	4.44		4.55
PULL #3	4.39	4.52		4.47
PULL #4	4.42	4.43		4.46
PULL #5	4.34	4.47		4.38
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611574
12 Apr 1991

CENTROIDAL DISTANCES

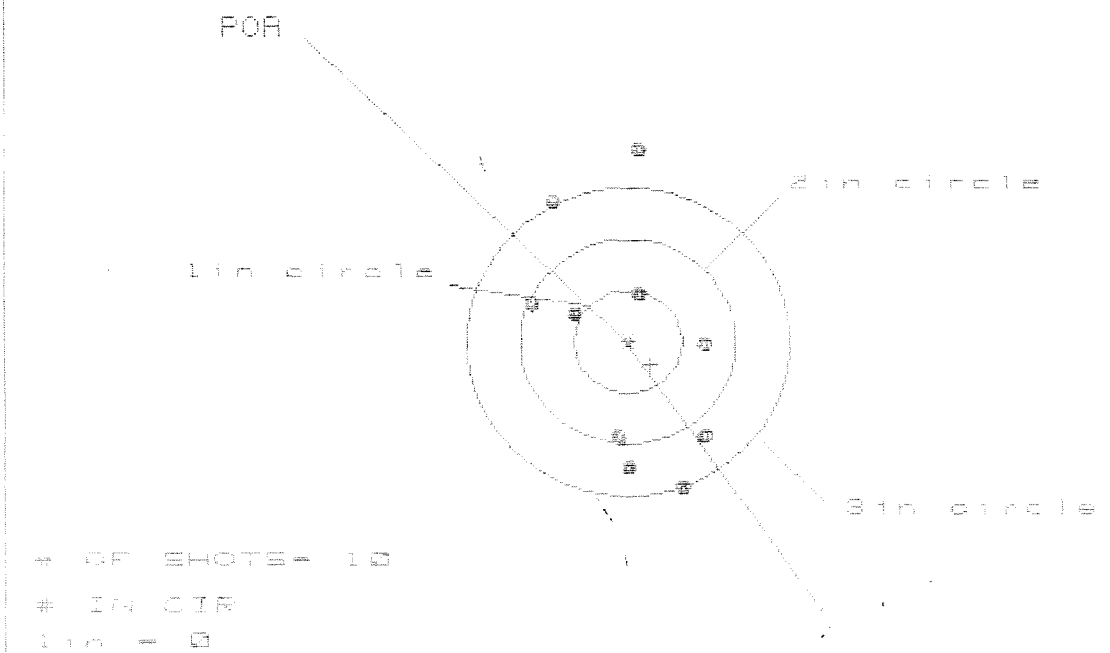
0	TO	1	.302853
1	TO	2	.0940479
1	TO	3	.424279
1	TO	4	.463427
1	TO	5	.639151

AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0204
AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0655
RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0 377

AMP FOR THIS RIFLE IS: .9273

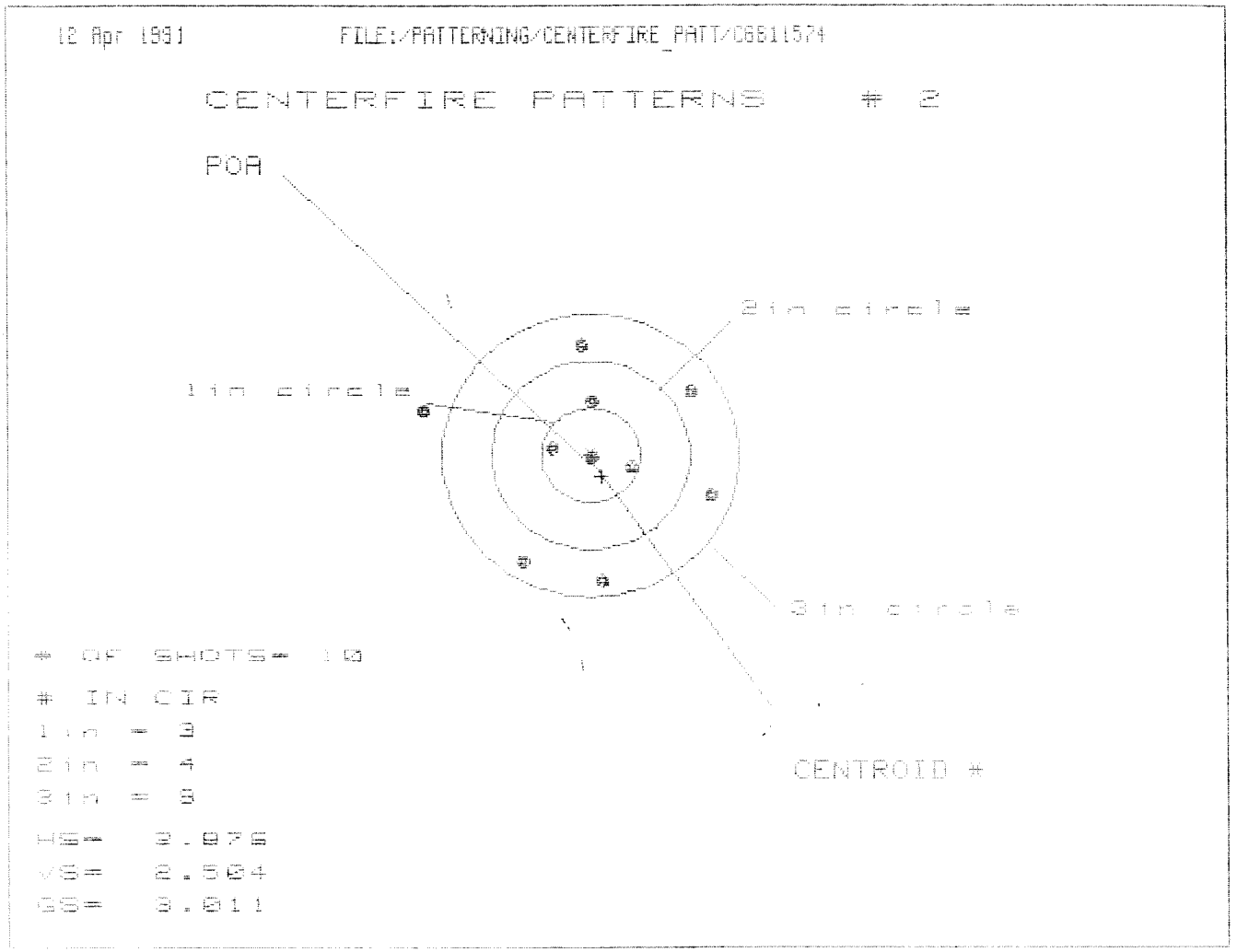
12 Apr 1991 FILE:/PATTERNING/CENTERFIRE_PATT/0611574

CENTERFIRE PATTERNS # 1

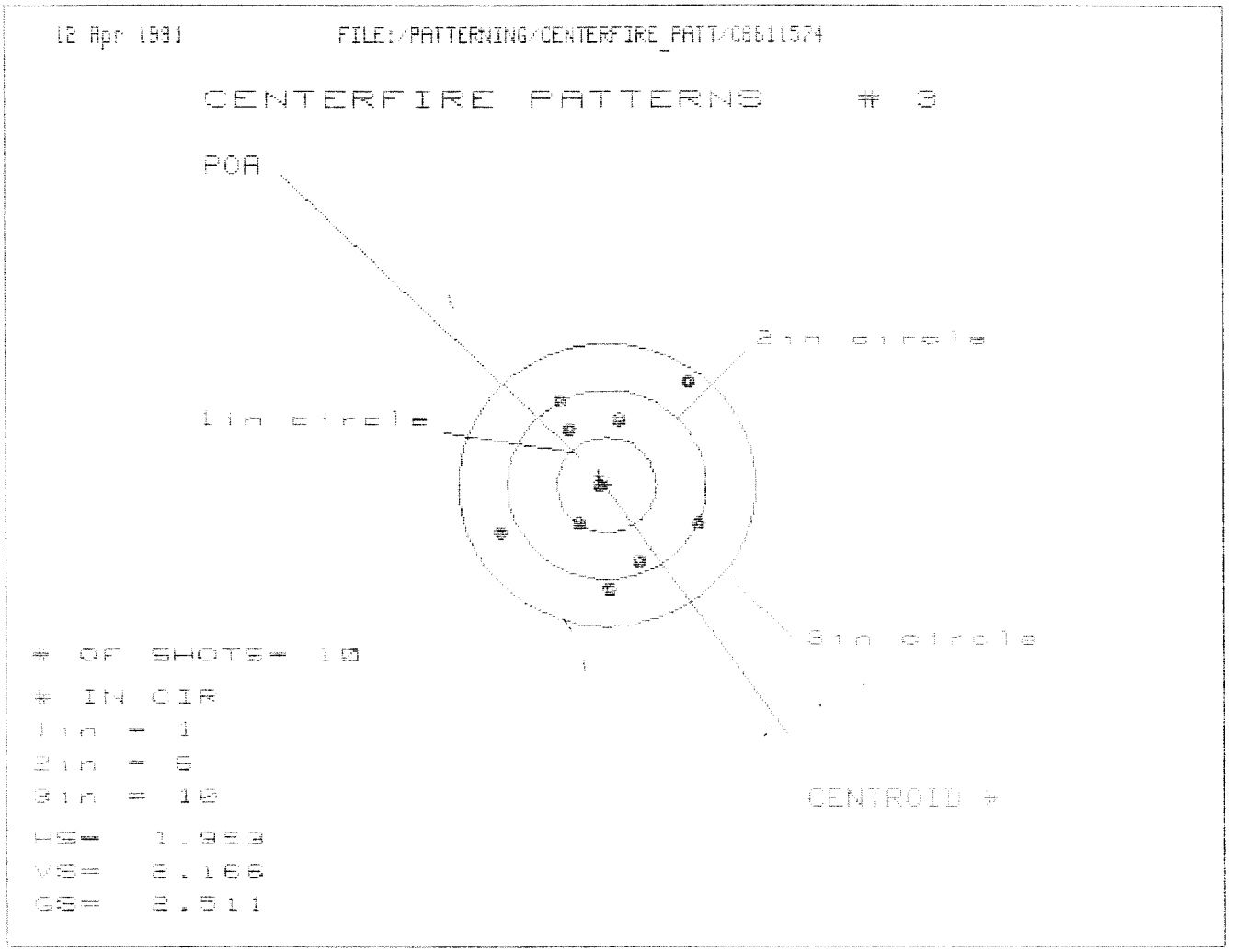


# OF SHOTS= 10
# IN CIR
1in = 0
2in = 5
3in = 8
HS= 1.574
VS= 3.870
GS= 3.400

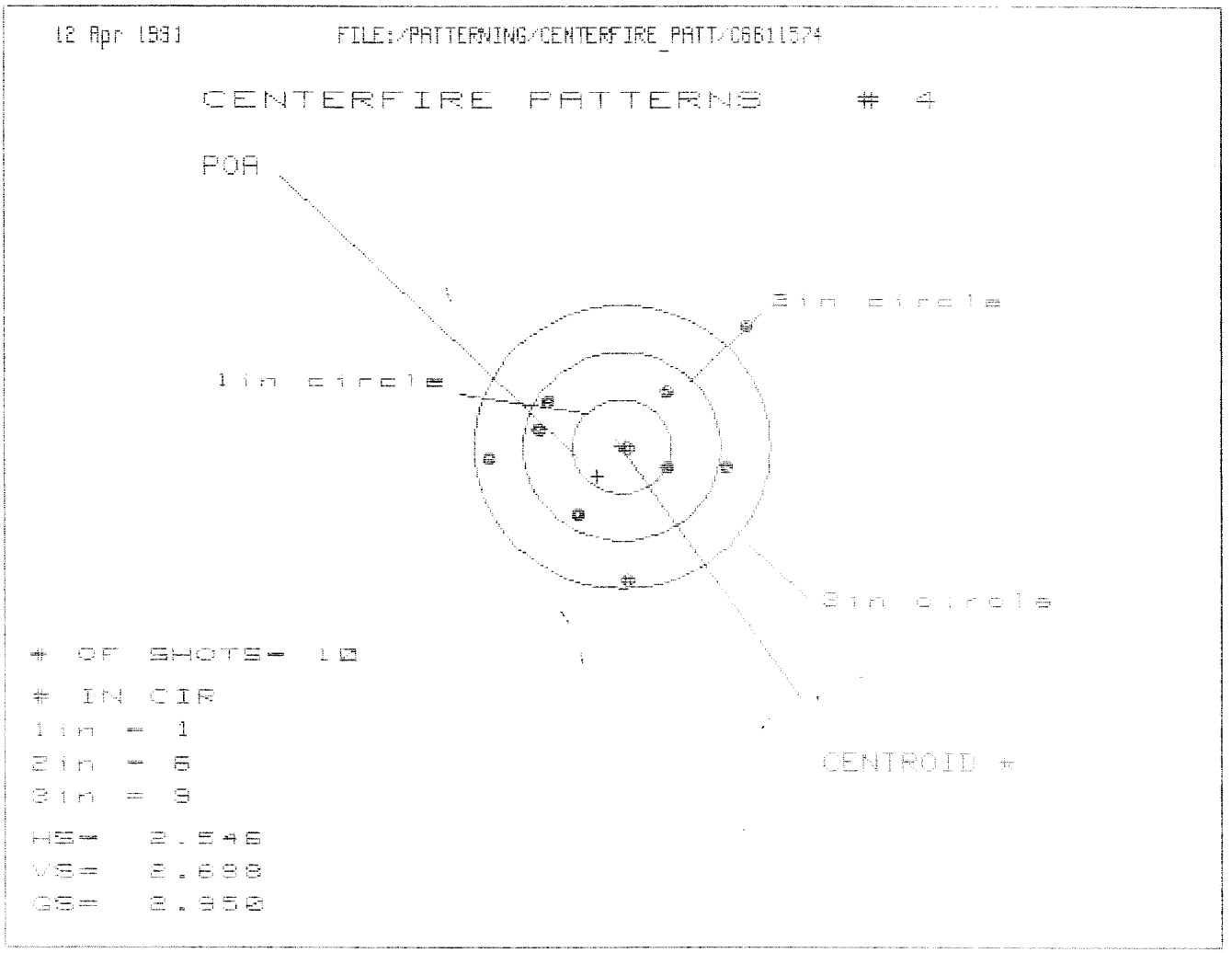
PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.704	.714	.703
MINIMUM X	:	-.870	-.860	-.791
MAXIMUM Y	:	1.915	1.546	1.391
MINIMUM Y	:	-1.455	-1.243	-1.115
CENTROID X	:	-.206	-.216	-.285
CENTROID Y	:	.222	.010	.163
POA TO CENTROID in.	:	.303	.216	.323
MIN RADIUS	:	.524	.668	.813
MEAN RADIUS	:	1.093	.900	.961
MAX RADIUS	:	1.917	1.687	1.512
HORIZONTAL SPREAD	:	1.574	1.574	1.574
VERTICAL SPREAD	:	3.870	2.789	2.506
EXTREME SPREAD	:	3.400	3.043	2.523
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	



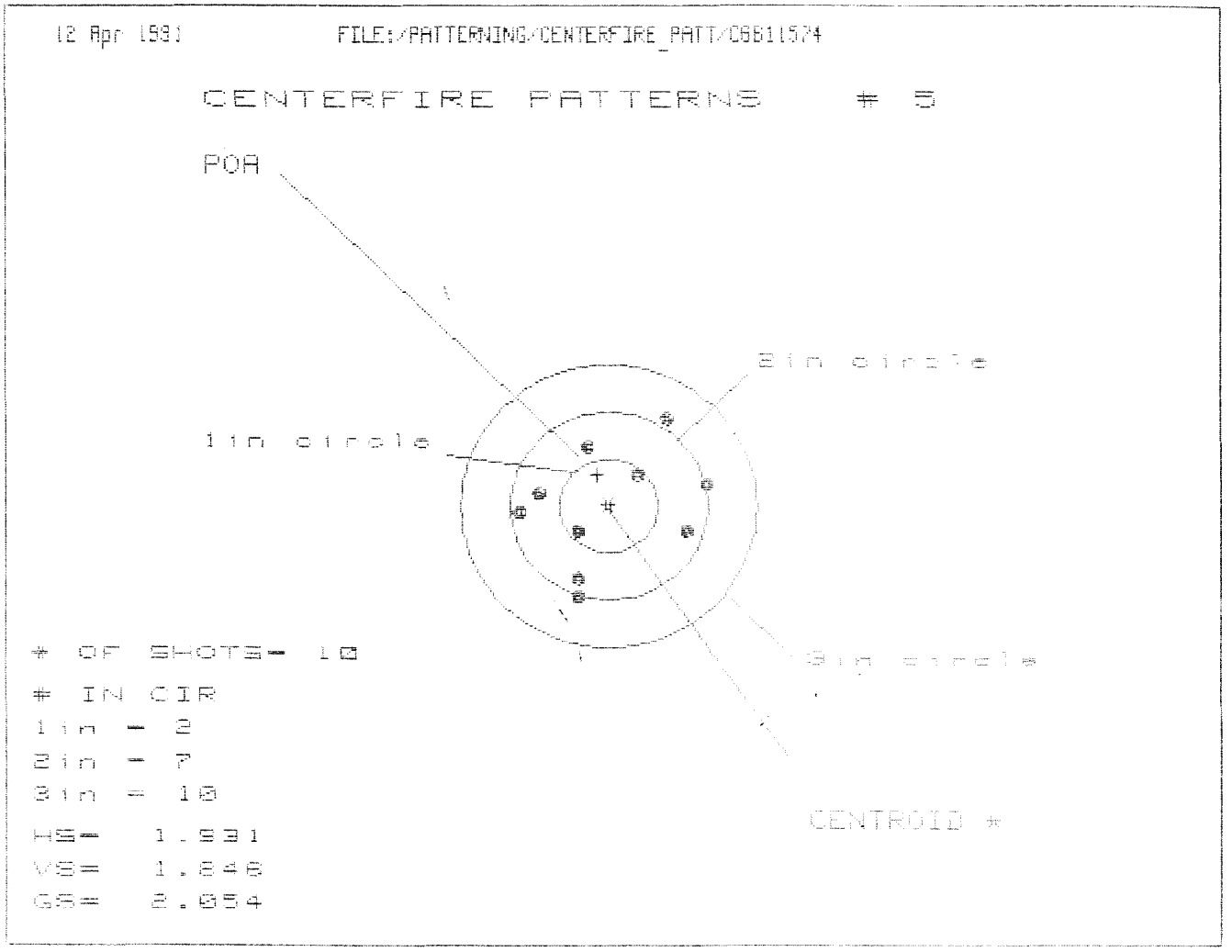
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.234	1.052	.344
MINIMUM X	:	-1.641	-.868	-.632
MAXIMUM Y	:	1.197	1.250	1.114
MINIMUM Y	:	-1.307	-1.254	-1.390
CENTROID X	:	-.112	.071	.179
CENTROID Y	:	.225	.172	.308
POA TO CENTROID in.	:	.251	.186	.356
MIN RADIUS	:	.012	.198	.284
MEAN RADIUS	:	.942	.863	.791
MAX RADIUS	:	1.708	1.389	1.401
HORIZONTAL SPREAD	:	2.876	1.920	1.976
VERTICAL SPREAD	:	2.504	2.504	2.504
EXTREME SPREAD	:	3.011	2.514	2.514
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.892	.983	.868
MINIMUM X	:	-1.060	-.964	-.504
MAXIMUM Y	:	1.070	1.002	.949
MINIMUM Y	:	-1.096	-.977	-1.030
CENTROID X	:	.076	-.020	.101
CENTROID Y	:	-.095	-.214	-.161
POA TO CENTROID in.	:	.122	.215	.190
MIN RADIUS	:	.097	.130	.142
MEAN RADIUS	:	.858	.788	.754
MAX RADIUS	:	1.376	1.073	1.075
HORIZONTAL SPREAD	:	1.953	1.953	1.872
VERTICAL SPREAD	:	2.166	1.979	1.979
EXTREME SPREAD	:	2.511	2.051	2.051
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.242	1.188	1.209
MINIMUM X	:	-1.304	-1.166	-1.145
MAXIMUM Y	:	1.310	.767	.613
MINIMUM Y	:	-1.377	-1.232	-.674
CENTROID X	:	.248	.110	.069
CENTROID Y	:	.315	.169	.323
POA TO CENTROID in.	:	.400	.201	.335
MIN RADIUS	:	.107	.241	.256
MEAN RADIUS	:	.957	.862	.804
MAX RADIUS	:	1.806	1.243	1.229
HORIZONTAL SPREAD	:	2.548	2.354	2.354
VERTICAL SPREAD	:	2.688	1.999	1.287
EXTREME SPREAD	:	2.950	2.355	2.357
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.013	1.073	.992
MINIMUM X	:	-.918	-.858	-.724
MAXIMUM Y	:	.906	.737	.702
MINIMUM Y	:	-.940	-.840	-.795
CENTROID X	:	.111	.051	-.084
CENTROID Y	:	-.383	-.433	-.478
POA TO CENTROID in.:		.351	.436	.488
MIN RADIUS	:	.367	.255	.166
MEAN RADIUS	:	.78E	.742	.6[illegible]
MAX RADIUS	:	1.056	1.182	1.200
HORIZONTAL SPREAD	:	1.931	1.931	1.[illegible]6
VERTICAL SPREAD	:	1.846	1.577	1.[illegible]7
EXTREME SPREAD	:	2.054	1.960	1.[illegible]
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	