652561

MODEL 700™ M24

Model SPS™

Action

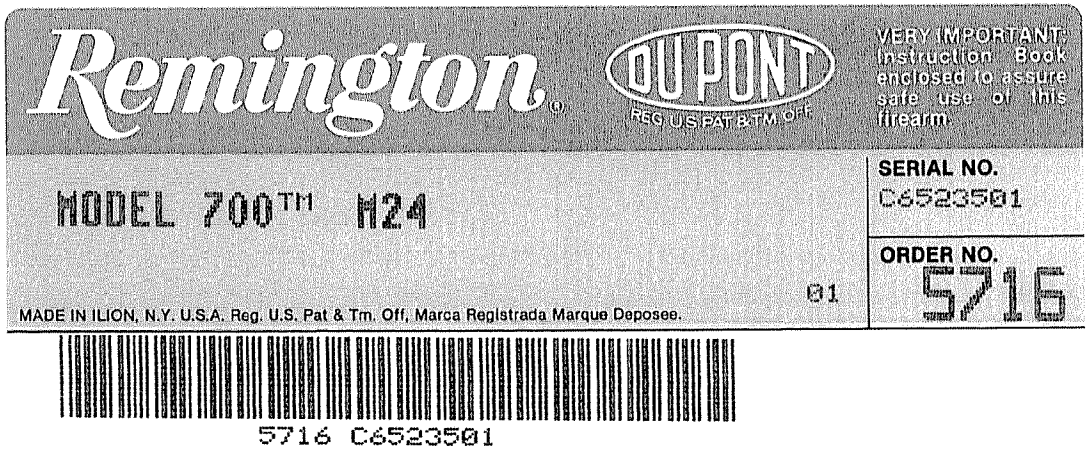
Barrel Length

Capacity

Order No. 57169

*Includes 1 in chamber.

Remington®



H 3.4

INTERCHANGEABILITY

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6523501

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1019	90	KW
600	Proof	1019	90	KW
607	Check Headspace	1019	90	KW
610	Dis-assemble Gun	1019	90	KW
612	Magnaflux Barrel Action		10/23/90	KR
	Magnaflux Bolt		10/23/90	KR
615	Rollmark Caliber		10/23/90	KR
617	Drill and Tap Sight Holes		10/26/90	FB
618	Polish Barrel RB		10/29/90	WB
620	Apply Coatings (Barrel Action)		11-7-90	
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/15/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/15/90	WB
	C) Inspect Ejector Hole for Chamfer		11/15/90	WB
	D) Oil Firing Pin Ass'y		11/15/90	WB
	E) Adjust Trigger Pull to Min Setting and Stake		11-16-90	

op. #	OP. NAME	READINGS	DATE	INIT
625 cont.	F) Safety On Force	4 : 4 : 4	11/16/90	WB
	G) Safety Off Force	2¼ : 2¼ : 2¼	11/16/90	WB
	H) Trigger Pull Test & Retainability		11-16-90	
	I) Firing Pin Indent	.024 : .0245 : .024	11/16/90	WB
	J) Assemble Stock		11	
	K) Assemble Swivel Studs		11-30-90	
	L) Attach Front and Rear Sight Assemblies		11/23/90	RW
	M) Iron Sight Alignment		11/23/90	RW
	N) Detach Front & Rear Sights & place in numbered container		11/23/90	RW
	O) Attach Scope to Rifle		11/23/90	RW
	P) Detach & Attach Scope 20 Times		11/23/90	RW
640	Gallery Target & Test		11/28/90	AF
	A) Time		"	AF
	B) Malfunctions		"	AF
	C) Pierced Primers		"	AF
	D) Optical Clearity of Scope		"	AF
645	Inspect for Live Ammo		11/28/90	AF
655	Final Inspection A) Headspace		11-30-90	
	B) Trigger Pull	2.38 : 2.14 : 2.06 : 2.59 : 2.42	11-30-90	
	C) Function		11-30-90	
660	Pack		12-17-90	

SWS TRIGGER PULL TEST

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

SERIAL NO. CC523501
DATE 11-16-90
TESTER JH

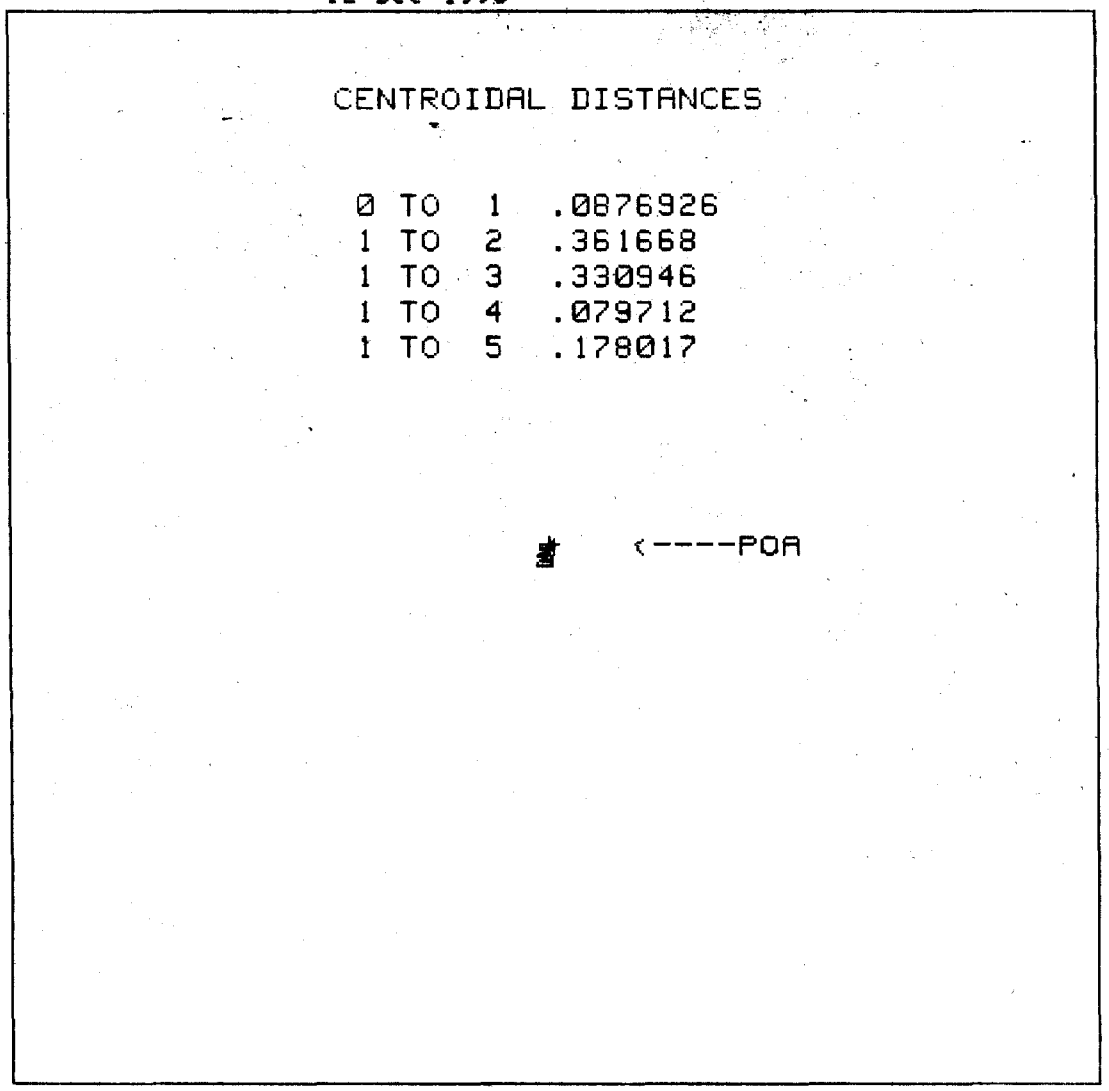
	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.41	2.20	2.43	2.38	MIN. SETTING,
PULL #2	2.36	2.33	2.45	2.14	NO AVG. OF 5
PULL #3	2.47	2.31	2.36	2.06	READINGS ACCEPT-
PULL #4	2.42	2.49	2.38	2.59	ABLE LESS THAN 2#
PULL #5	2.50	2.46	2.35	2.42	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.36	3.22		
PULL #2	3.25	3.28		
PULL #3	3.32	3.17		
PULL #4	3.29	3.25		
PULL #5	3.23	3.17		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.32	4.28		4.21
PULL #2	4.21	4.13		4.24
PULL #3	4.19	4.19		4.19
PULL #4	4.15	4.39		4.12
PULL #5	4.23	4.24		4.23
TOTAL				
AVG.				

INTERCHANGEABILITY

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523501
12 Dec 1990

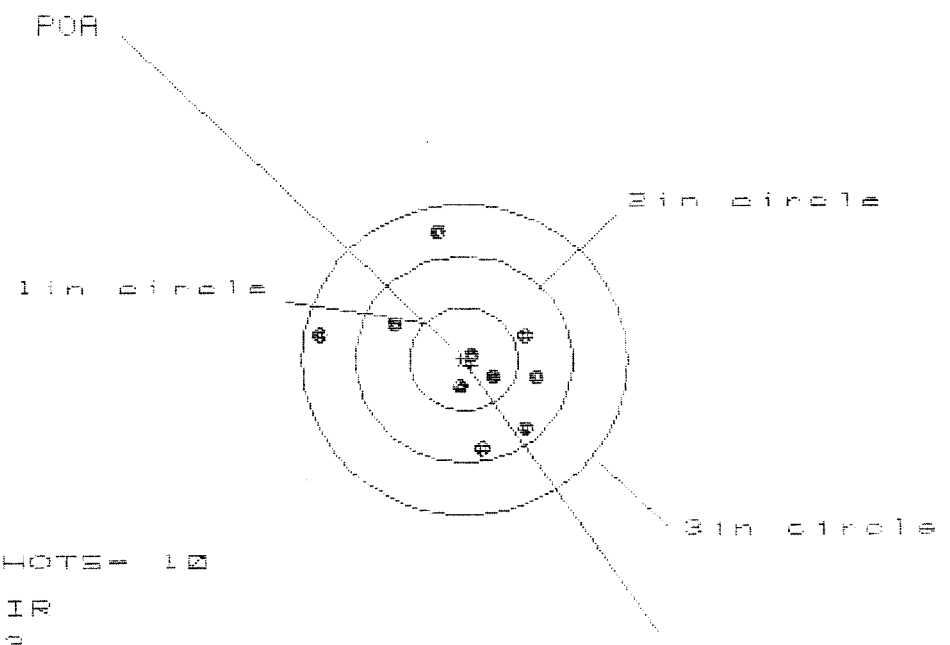


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1104
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1166
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .160573

THE AMR FOR THIS RIFLE IS: .9856

12 Dec 1988 FILE:/PATTERNING/CENTERFIRE_PATT/C6523501

CENTERFIRE PATTERNS # 1

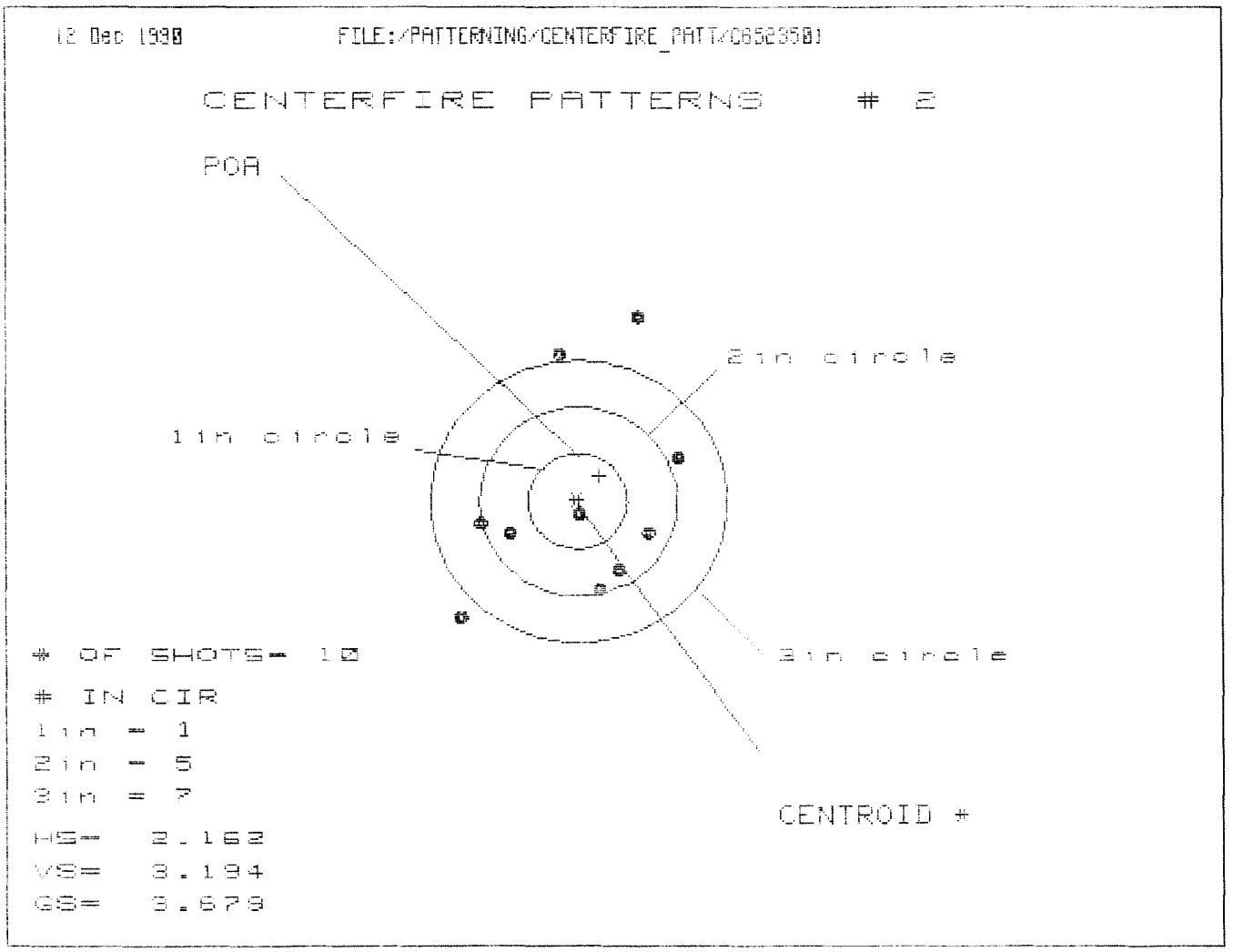


OF SHOTS= 10

# IN CIR
1in = 3
2in = 8
3in = 10

HS= 1.975
VS= 2.140
GS= 2.165

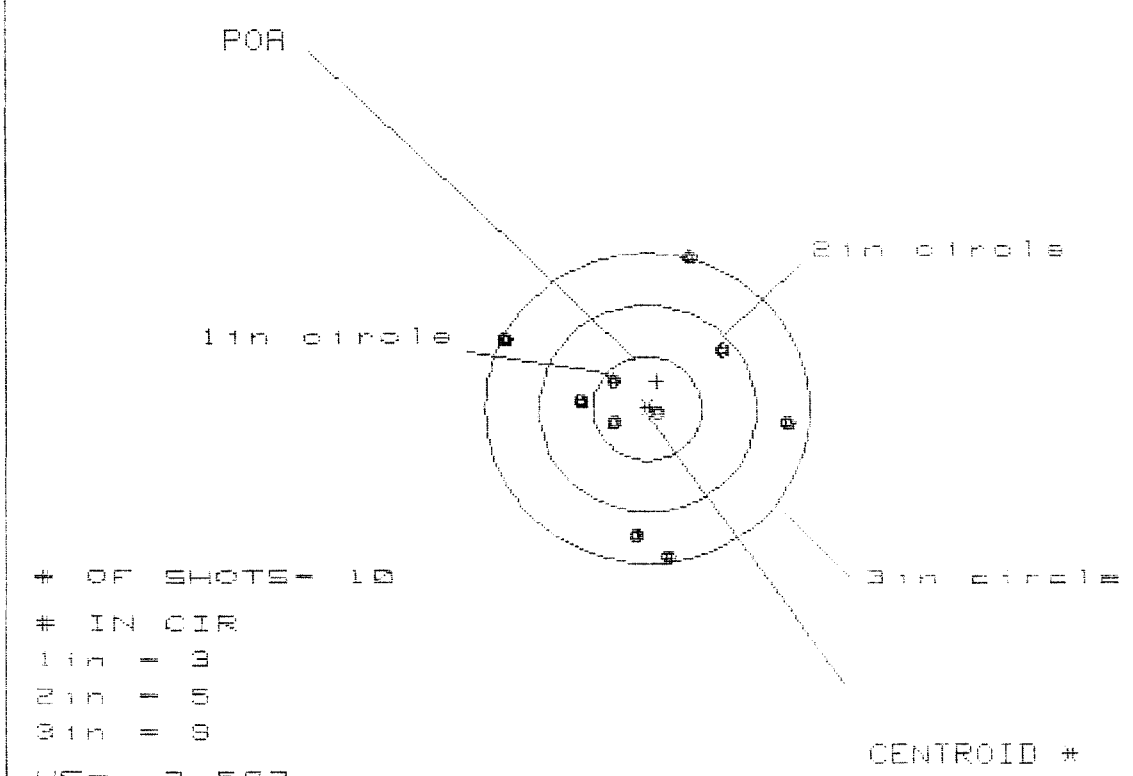
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.623	.472	.420
MINIMUM X	:	-1.352	-.803	-.847
MAXIMUM Y	:	1.244	1.268	.524
MINIMUM Y	:	-.896	-.872	-.713
CENTROID X	:	-.063	.088	.132
CENTROID Y	:	.061	.037	-.122
POA TO CENTROID in.	:	.087	.095	.179
MIN RADIUS	:	.044	.123	.118
MEAN RADIUS	:	.698	.596	.484
MAX RADIUS	:	1.369	1.317	.998
HORIZONTAL SPREAD	:	1.975	1.275	1.275
VERTICAL SPREAD	:	2.140	2.140	1.237
EXTREME SPREAD	:	2.165	2.165	1.585
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.992	1.065	.928
MINIMUM X	:	-1.170	-1.097	-1.064
MAXIMUM Y	:	1.989	1.749	1.626
MINIMUM Y	:	-1.206	-.985	-.859
CENTROID X	:	-.211	-.284	-.147
CENTROID Y	:	-.269	-.490	-.367
POA TO CENTROID in.	:	.342	.567	.396
MIN RADIUS	:	.155	.104	.081
MEAN RADIUS	:	1.097	.938	.869
MAX RADIUS	:	2.094	1.754	1.647
HORIZONTAL SPREAD	:	2.162	2.162	1.992
VERTICAL SPREAD	:	3.194	2.734	2.485
EXTREME SPREAD	:	3.679	2.903	2.525
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

12 Dec 1990 FILE:/PATTERNING/CENTERFIRE_PATT/C0523501

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

# IN CIR
1in = 3
2in = 5
3in = 9

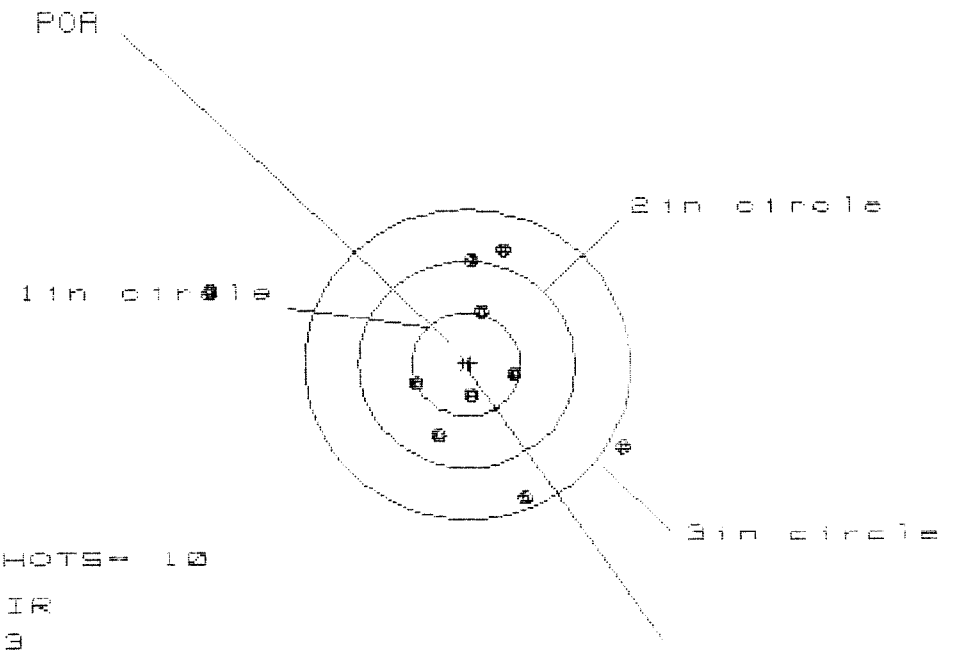
HS= 2.582
VS= 2.884
GS= 2.896

PATTERN # : 3

SHOTS (BEST OF) :	10	9	8
MAXIMUM X :	1.264	1.311	1.152
MINIMUM X :	-1.319	-1.271	-.675
MAXIMUM Y :	1.449	.835	.815
MINIMUM Y :	-1.435	-1.274	-1.170
CENTROID X :	-.088	-.136	.023
CENTROID Y :	-.269	-.430	-.534
POA TO CENTROID in.:	.283	.451	.534
MIN RADIUS :	.074	.136	.217
MEAN RADIUS :	.908	.838	.784
MAX RADIUS :	1.510	1.521	1.171
HORIZONTAL SPREAD :	2.582	2.582	1.827
VERTICAL SPREAD :	2.884	2.109	1.935
EXTREME SPREAD :	2.896	2.704	2.040
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		9	

12 Dec 1990 FILE:/PATTERNING/CENTERFIRE_PATT/C6502501

CENTERFIRE PATTERNS # 4

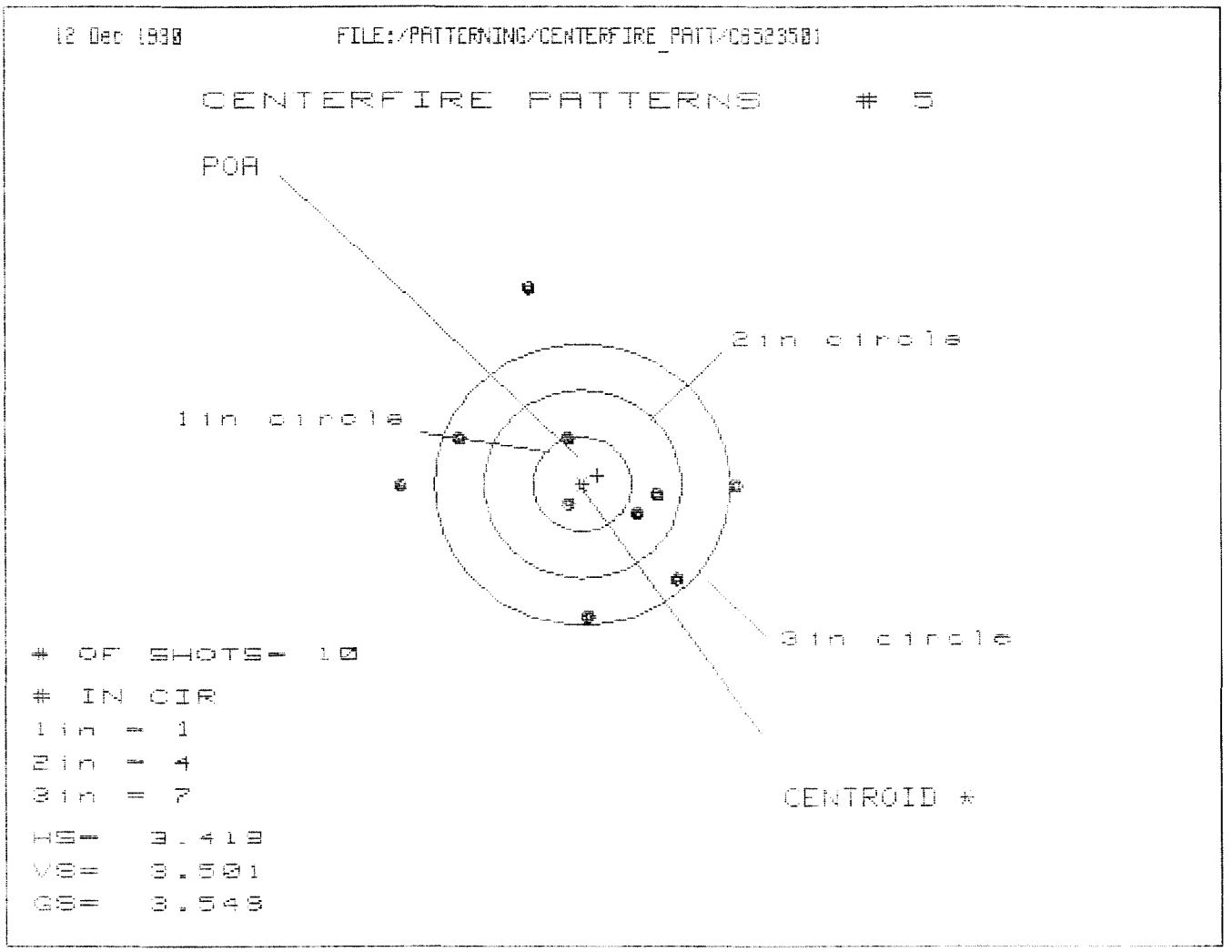


OF SHOTS= 10

# IN CIR
1in = 3
2in = 5
3in = 8

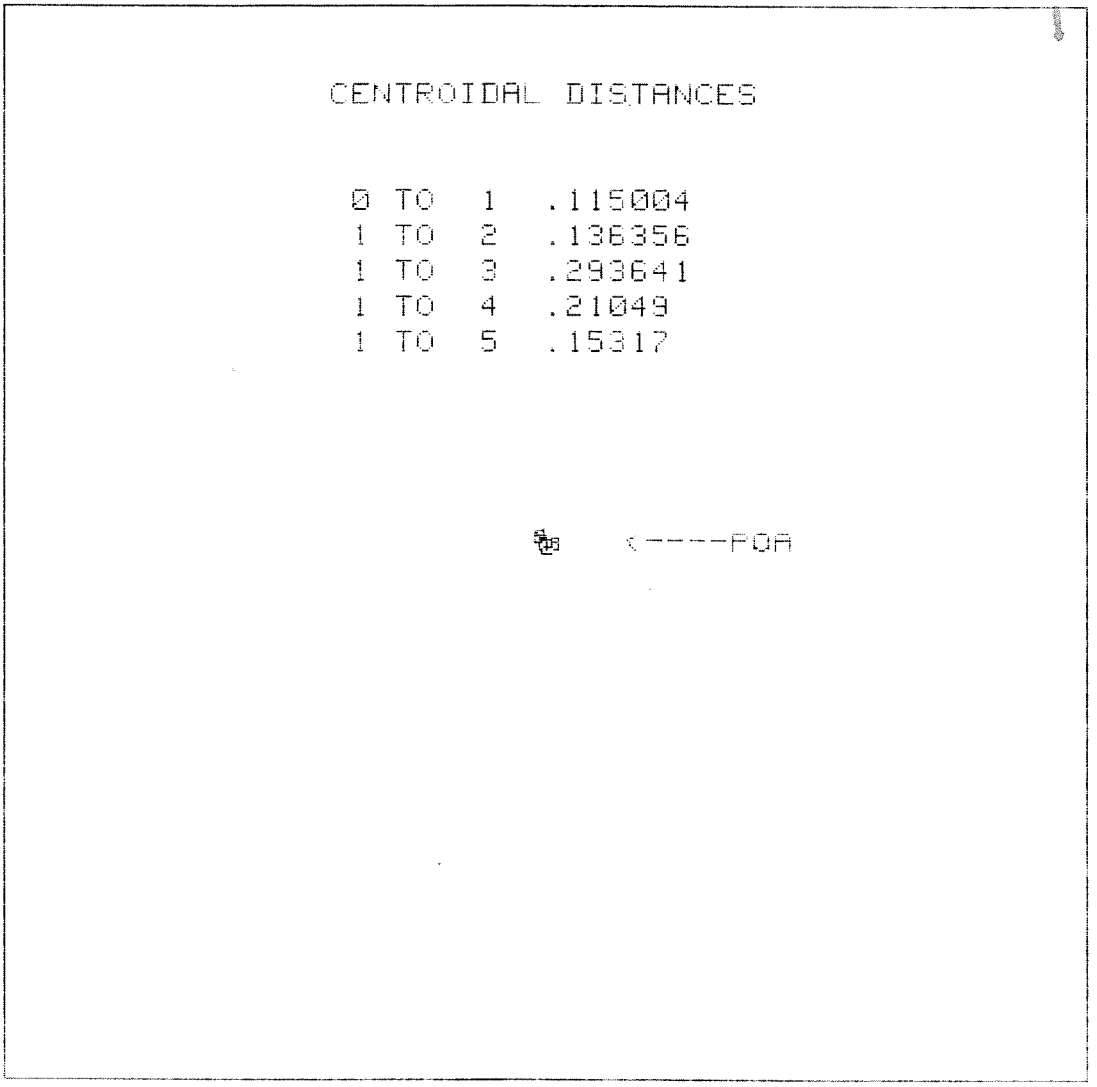
HS= 3.894
VS= 2.415
GS= 4.185

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.483	1.215	.462
MINIMUM X	:	-2.411	-.750	-.598
MAXIMUM Y	:	1.093	1.174	1.083
MINIMUM Y	:	-1.322	-1.241	-1.332
CENTROID X	:	-.036	.232	.080
CENTROID Y	:	-.014	-.095	-.004
POA TO CENTROID in.	:	.038	.250	.080
MIN RADIUS	:	.287	.186	.290
MEAN RADIUS	:	1.028	.838	.752
MAX RADIUS	:	2.519	1.414	1.410
HORIZONTAL SPREAD	:	3.894	1.965	1.060
VERTICAL SPREAD	:	2.415	2.415	2.415
EXTREME SPREAD	:	4.185	2.427	2.427
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	



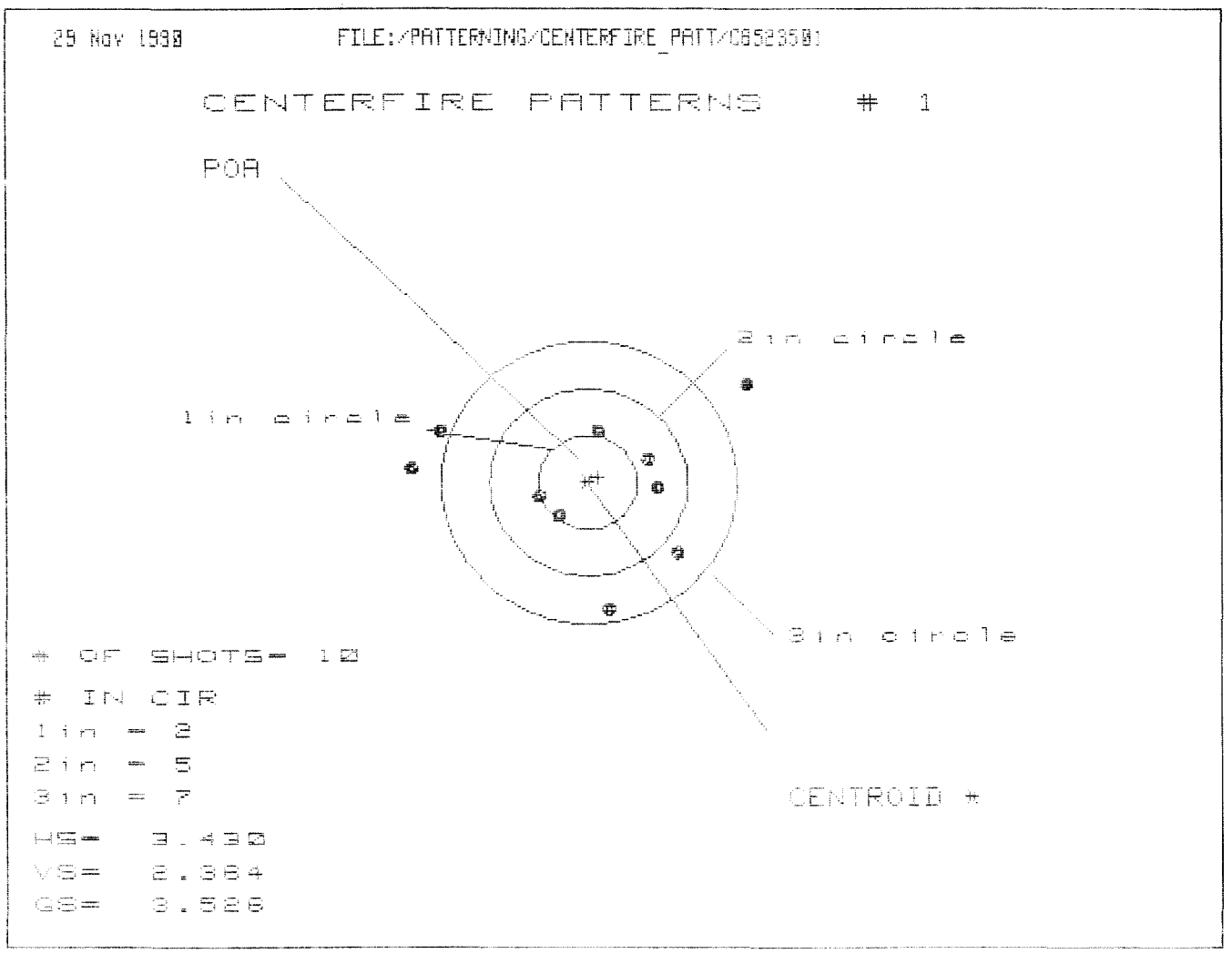
PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.537	1.482	1.240
MINIMUM X	:	-1.882	-1.937	-1.510
MAXIMUM Y	:	2.103	.726	.753
MINIMUM Y	:	-1.398	-1.165	-1.138
CENTROID X	:	-.154	-.098	.144
CENTROID Y	:	-.092	-.325	-.352
POA TO CENTROID in.	:	.179	.340	.381
MIN RADIUS	:	.290	.210	.303
MEAN RADIUS	:	1.197	1.060	.912
MAX RADIUS	:	2.161	1.949	1.686
HORIZONTAL SPREAD	:	3.419	3.419	2.750
VERTICAL SPREAD	:	3.501	1.891	1.891
EXTREME SPREAD	:	3.548	3.419	2.793
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523501
29 Nov 1990



THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0162
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0136
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .02272

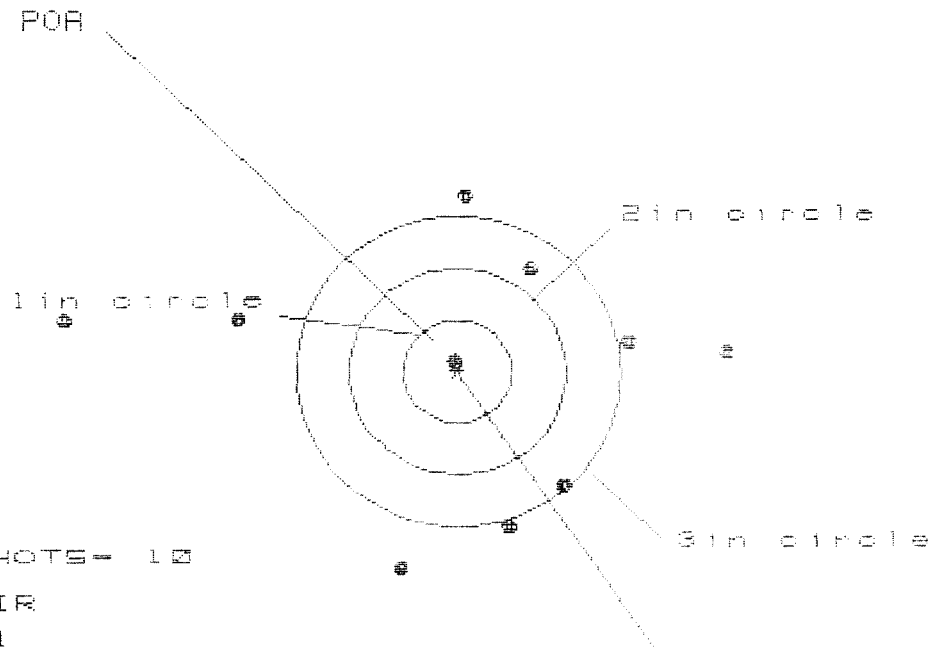
THE AMR FOR THIS RIFLE IS: 1.247



PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.613	1.114	.909
MINIMUM X	:	-1.817	-1.637	-1.572
MAXIMUM Y	:	1.014	.711	.750
MINIMUM Y	:	-1.350	-1.238	-1.199
CENTROID X	:	-.101	-.281	-.076
CENTROID Y	:	-.055	-.167	-.206
POA TO CENTROID in.	:	.115	.327	.219
MIN RADIUS	:	.453	.253	.383
MEAN RADIUS	:	1.088	.983	.884
MAX RADIUS	:	1.905	1.666	1.742
HORIZONTAL SPREAD	:	3.430	2.751	2.481
VERTICAL SPREAD	:	2.364	1.949	1.949
EXTREME SPREAD	:	3.526	2.917	2.837
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

29 Nov 1990 FILE:/PATTERNING/CENTERFIRE_PATT/C6529581

CENTERFIRE PATTERNS # 2

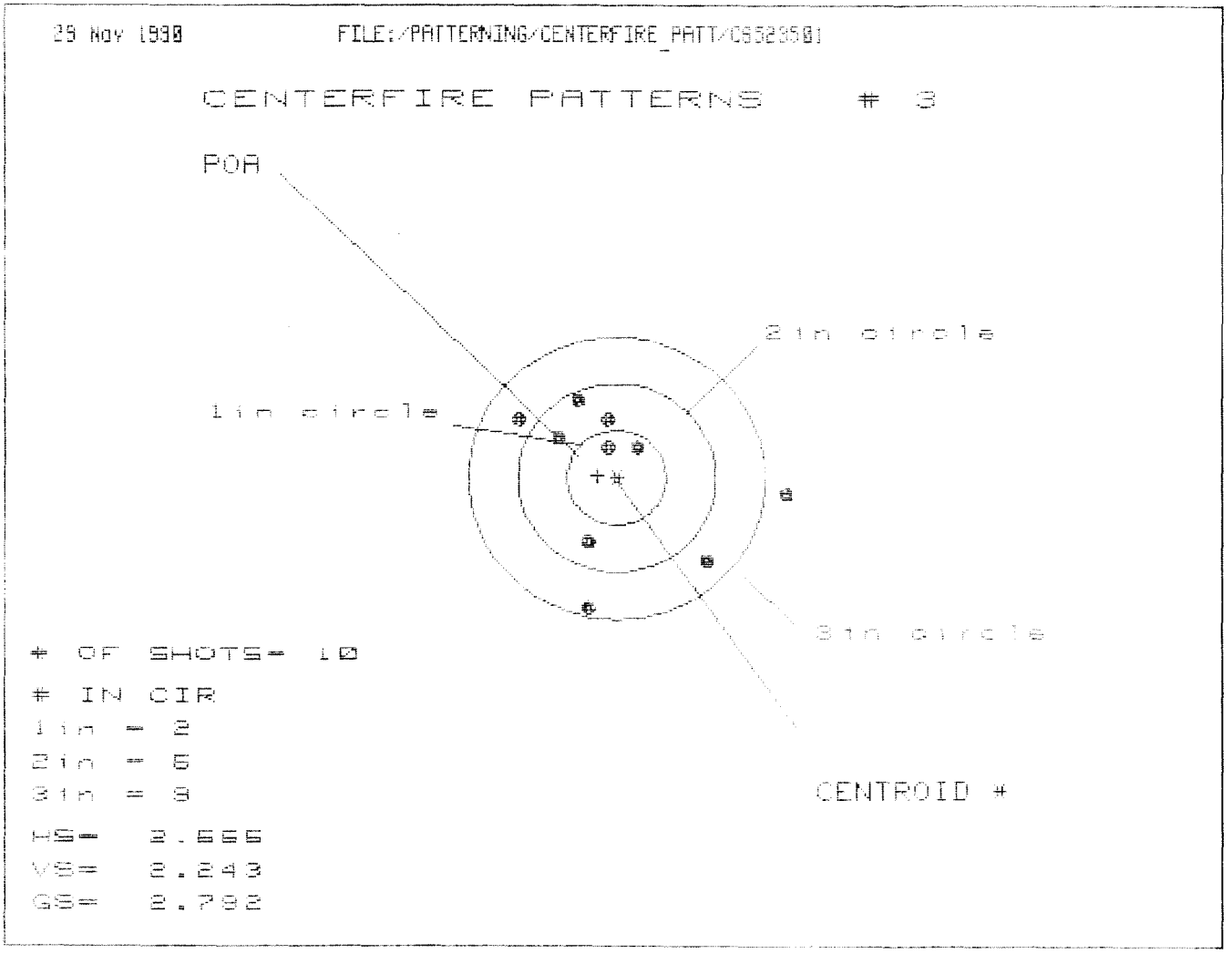


OF SHOTS= 10

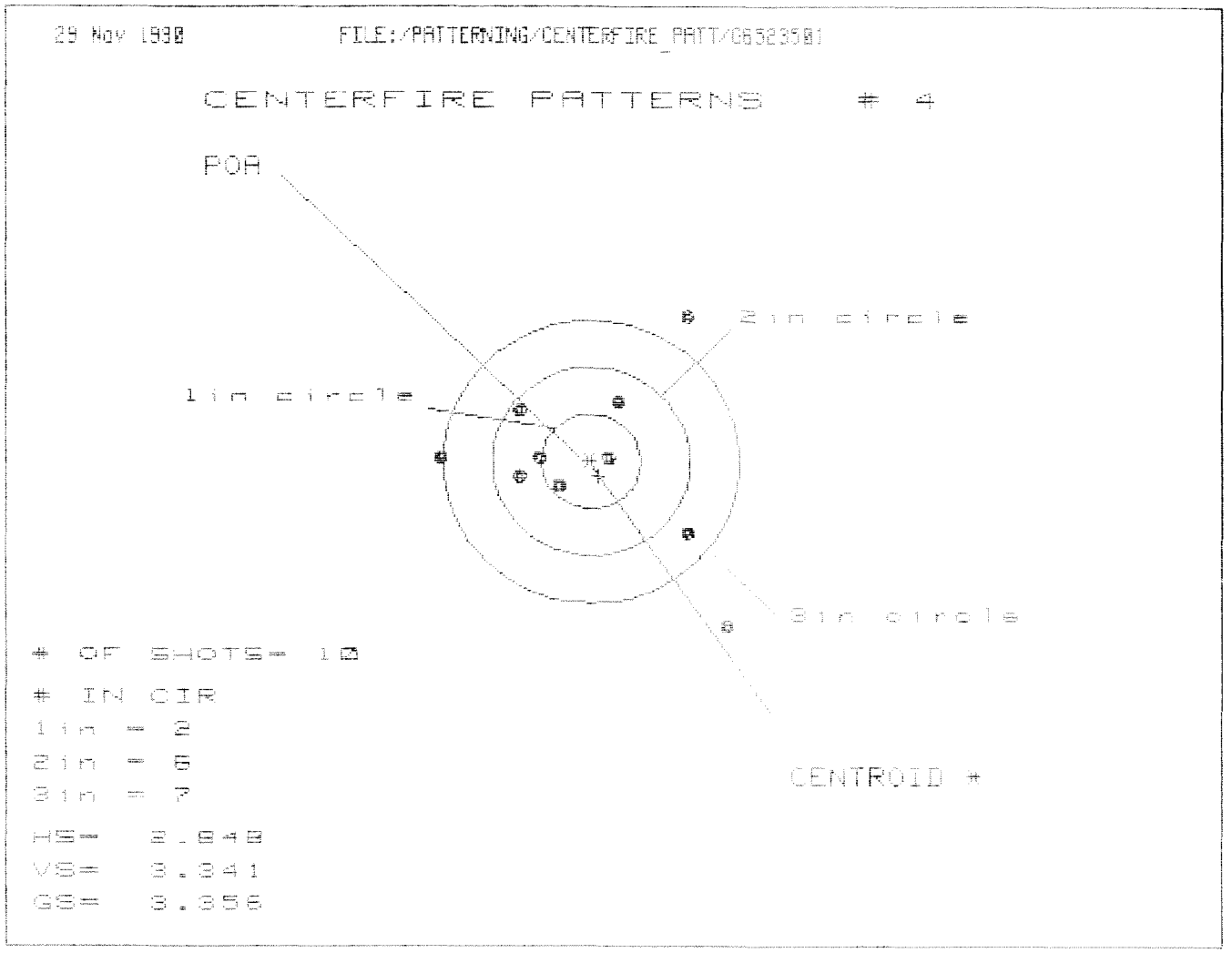
# IN CIR	
1in	1
2in	1
3in	3

HS= 6.089
VS= 3.629
GS= 6.097

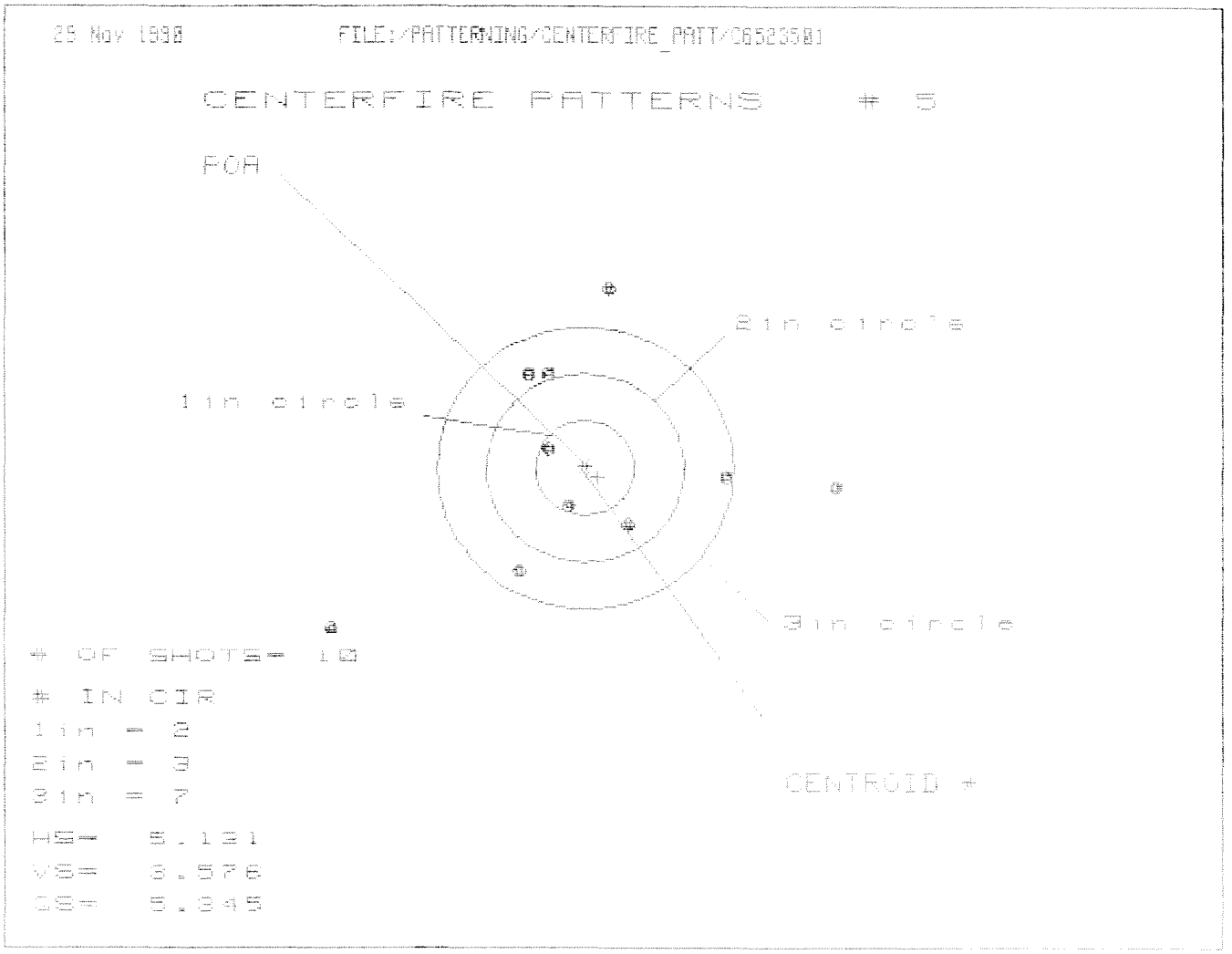
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.437	2.031	1.434
MINIMUM X	:	-3.652	-2.401	-2.147
MAXIMUM Y	:	1.747	1.808	1.845
MINIMUM Y	:	-1.882	-1.821	-1.784
CENTROID X	:	.027	.433	.179
CENTROID Y	:	-.102	-.163	-.201
POA TO CENTROID in.	:	.106	.462	.269
MIN RADIUS	:	.149	.514	.320
MEAN RADIUS	:	1.793	1.541	1.470
MAX RADIUS	:	3.693	2.470	2.234
HORIZONTAL SPREAD	:	6.089	4.432	3.581
VERTICAL SPREAD	:	3.629	3.629	3.629
EXTREME SPREAD	:	6.097	4.441	3.694
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		1	
NUMBER IN THREE INCH CIRCLE	=		3	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.703	1.147	1.131
MINIMUM X	:	-.963	-.773	-.788
MAXIMUM Y	:	.856	.833	.656
MINIMUM Y	:	-1.387	-1.410	-1.123
CENTROID X	:	.191	.001	.016
CENTROID Y	:	-.024	-.001	.175
POA TO CENTROID in.	:	.192	.002	.176
MIN RADIUS	:	.319	.274	.101
MEAN RADIUS	:	.936	.818	.680
MAX RADIUS	:	1.716	1.487	1.595
HORIZONTAL SPREAD	:	2.666	1.920	1.920
VERTICAL SPREAD	:	2.243	2.243	1.780
EXTREME SPREAD	:	2.792	2.464	2.464
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.338	1.170	1.236
MINIMUM X	:	-1.510	-1.361	-1.215
MAXIMUM Y	:	1.593	1.388	.593
MINIMUM Y	:	-1.748	-.905	-.730
CENTROID X	:	-.076	-.225	-.371
CENTROID Y	:	.154	.349	.174
POA TO CENTROID in.	:	.172	.415	.410
MIN RADIUS	:	.199	.370	.215
MEAN RADIUS	:	1.018	.861	.695
MAX RADIUS	:	2.202	1.823	1.435
HORIZONTAL SPREAD	:	2.848	2.531	2.451
VERTICAL SPREAD	:	3.341	2.303	1.229
EXTREME SPREAD	:	3.356	2.990	2.552
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		7	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.560	2.275	1.477
MINIMUM X	:	-2.571	-.947	-.663
MAXIMUM Y	:	1.861	1.670	1.619
MINIMUM Y	:	-1.716	-1.270	-1.321
CENTROID X	:	-.132	.154	-.130
CENTROID Y	:	.095	.285	.336
POA TO CENTROID in.	:	.162	.324	.360
MIN RADIUS	:	.392	.653	.374
MEAN RADIUS	:	1.400	1.237	1.040
MAX RADIUS	:	3.090	2.311	1.629
HORIZONTAL SPREAD	:	5.131	3.222	2.140
VERTICAL SPREAD	:	3.576	2.940	2.940
EXTREME SPREAD	:	5.345	3.335	3.059
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	

RECEIVING AND ESTIMATING REPORT

COMMENTS: W/10X SCOPE M-24 SNIPER, W/DEPLOYMENT KIT
ATTN: FRED MARTIN
Scope 90-1046

ORDER: R 94-18119

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

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
06/09/94	06/09/94		C6523501		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

V Stock	$471.11
Trigger Assy	193.31
✓ Firing pin Assy	9.96
CTI	50.00
	$280.38

COMMENTS

WB

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
			AC		
GALLERY TESTER	**DATE**	**DATE**	**DATE**	**DATE**	**DATE**
			11-1-95		

OFFICE COPY 11/95

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. C652351
DATE 8-28-95
TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.90	2.57	2.65		MIN. SETTING,
PULL #2	2.75	2.57	2.65		NO AVG. OF 5
PULL #3	2.61	2.49	2.68		READINGS ACCEPT-
PULL #4	2.61	2.52	2.72		ABLE LESS THAN 2#
PULL #5	2.70	2.49	2.70		
TOTAL	13.57	12.64	1340		
AVG.	2.71	2.52	2.68		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.02	2.93		
PULL #2	3.04	2.96		
PULL #3	3.07	2.94		
PULL #4	3.10	2.93		
PULL #5	3.14	2.95		
TOTAL	15.37	1471		
AVG.	3.07	2.94		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.09	4.00	4.35	
PULL #2	4.14	4.09	4.12	
PULL #3	4.12	4.13	4.30	
PULL #4	4.09	4.11	4.45	
PULL #5	4.13	4.16	4.43	
TOTAL	20.57	20.49	21.65	
AVG.	4.11	4.09	4.33	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6523501

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	6½	7	6½			12/14	WB
	G) Safety Off Force	3	3	2¾			12/14	WB
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.0225	.022	.022			12/14	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							
	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	2.20	2.29	2.22	2.28	2.37	12/14	WB
	C) Function							
660	Pack							