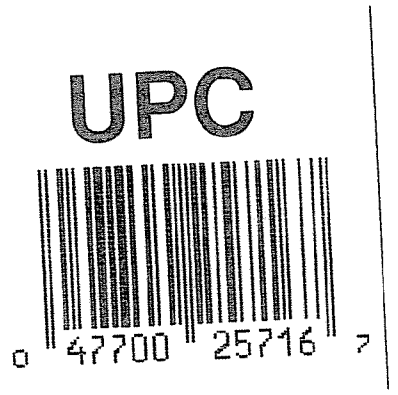
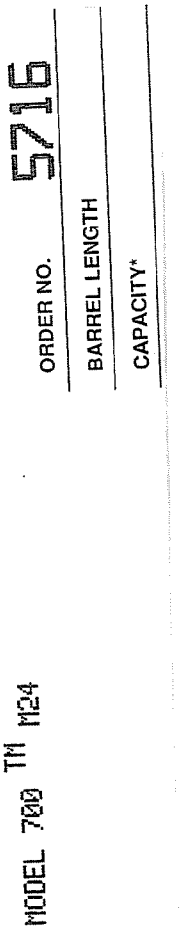
FOLD



C6649185

*INCLUDES 1 IN CHAMBER


ORDER NO. 5716
BARREL LENGTH
CAPACITY*
MODEL 700 TM M24

Remington

DUPONT
REG. U.S. PAT. & TM. OFF.

VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.

MODEL 700 TM M24

SERIAL NO. C6649185

20

ORDER NO. 5716

MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.

5716 C6649185

ORDER 5716
MODEL 700 TM M24
UPC

0 47700 25716 7

ORDER 5716
MODEL 700 TM M24
UPC

0 47700 25716 7

M-24

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649185

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10 1	91	
600	Proof	10 1	91	
607	Check Headspace	10 1	91	
610	Dis-assemble Gun	10 1	91	
612	Magnaflux Barrel Action	OCT	1 0 1991	ITR
	Magnaflux Bolt	OCT	1 0 1991	KR
615	Rollmark Caliber	OCT	1 0 1991	GL
617	Drill and Tap Sight Holes	OCT	1 0 1991	LB
618	Polish Barrel		10/15/91	WB
620	Apply Coatings (Barrel Action)		11-8-91	
	Apply Coating (Bolt)		11-8-91	
625	Final Assembly A) Clean inside of Bolt Assembly		11/11/91	
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/11/91	
	C) Inspect Ejector Hole for Chamfer		11/11/91	
	D) Oil Firing Pin Ass'y		11/11/91	
	E) Adjust Trigger Pull to Min Setting and Stake		12/30/91	WB

op. #	BARBER M24 0065908	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			12/31/91	WB
	G) Safety Off Force	2 3/4	2 3/4	2 3/4			12/31/91	WB
	H) Trigger Pull Test & Retainability						12/30/91	WB
	I) Firing Pin Indent	.022	.021	.0215			12/31/91	WB
	J) Assemble Stock						1/2/92	RW
	K) Assemble Swivel Studs						1-3-92	DH
	L) Attach Front and Rear Sight Assemblies						1/2/92	RW
	M) Iron Sight Alignment						1/2/92	RW
	N) Detach Front & Rear Sights & place in numbered container						1/2/92	RW
	O) Attach Scope to Rifle						1/2/92	RW
	P) Detach & Attach Scope 20 Times						1/2/92	RW
640	Gallery Target & Test						1-3-92	DH
	A) Time						1-3-92	DH
	B) Malfunctions						1-3-92	DH
	C) Pierced Primers						1-3-92	DH
	D) Optical Clearity of Scope						1-3-92	DH
645	Inspect for Live Ammo						1-3-92	DH
655	Final Inspection A) Headspace						1-3-92	DH
	B) Trigger Pull	244	255	248	253	242	1-3-92	DH
	C) Function						1-3-92	DH
660	Pack						2-25-92	WB

SWS TRIGGER PULL TEST

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

SERIAL NO. C6649185
DATE 12/30/91
TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.54	2.32	2.39	2.44	MIN. SETTING,
PULL #2	2.36	2.51	2.25	2.55	NO AVG. OF 5
PULL #3	2.59	2.34	2.29	2.48	READINGS ACCEPT-
PULL #4	2.49	2.44	2.23	2.53	ABLE LESS THAN 2#
PULL #5	2.49	2.52	2.06	2.42	
TOTAL	12.47	12.13	11.22		
AVG.	2.49	2.43	2.24		

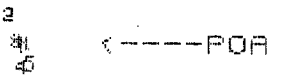
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.20	3.20		
PULL #2	3.15	3.20		
PULL #3	3.12	3.17		
PULL #4	3.09	3.17		
PULL #5	3.17	3.08		
TOTAL	15.73	15.82		
AVG.	3.14	3.16		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.19	4.01		4.07
PULL #2	4.14	4.27		4.05
PULL #3	4.31	4.08		3.95
PULL #4	4.23	4.06		3.92
PULL #5	4.23	4.10		3.98
TOTAL	21.10	20.52		19.97
AVG.	4.22	4.10		3.99

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6649185
3 Jan 1992

CENTROIDAL DISTANCES

0	TO	1	.113283
1	TO	2	.600171
1	TO	3	.188452
1	TO	4	.430674
1	TO	5	.377955

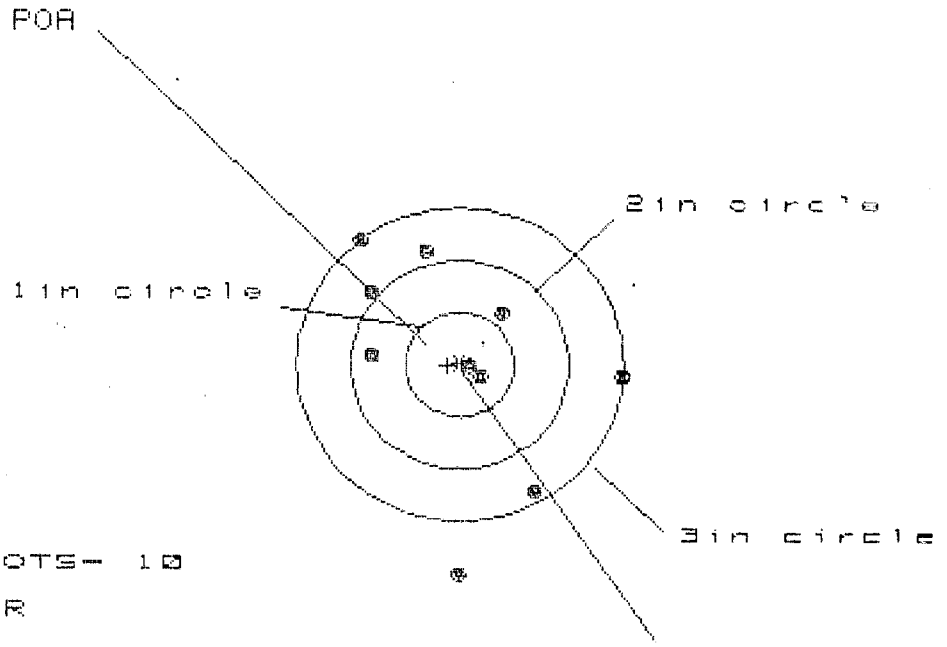


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0078
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0402
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .04094

[illegible] FOR THIS RIFLE IS: 1.088

3 Jan 1992 FILE:/PATTERNING/CENTERFIRE_PATT/C6649165

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

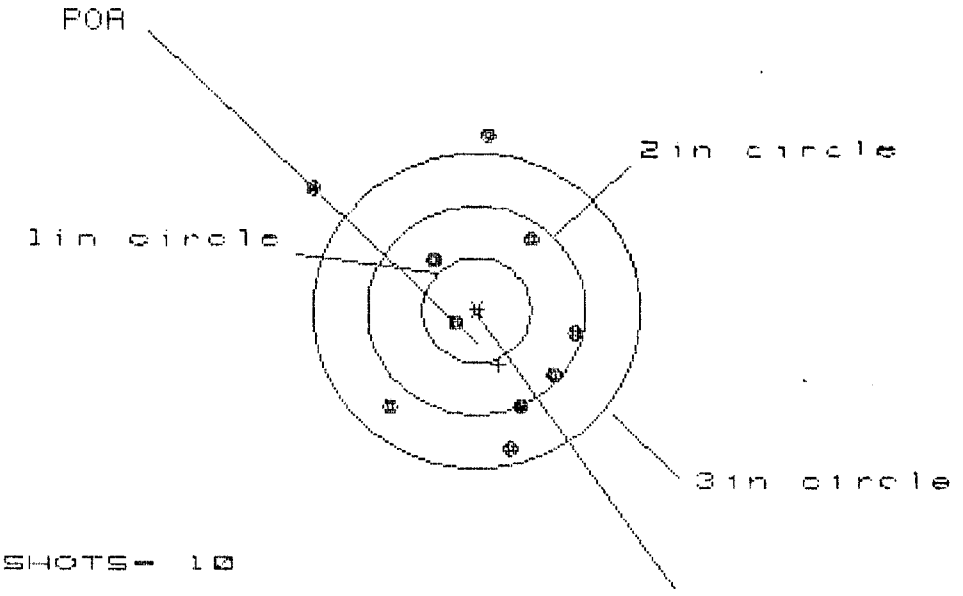
# IN CIR
1in = 2
2in = 4
3in = 8

HS= 2.429
VS= 3.162
GS= 3.288

PATTERN #	:	[illegible]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.512	1.511	.838
MINIMUM X	:	-.917	-.918	-.730
MAXIMUM Y	:	1.173	.952	.912
MINIMUM Y	:	-1.989	-1.476	-1.516
CENTROID X	:	.113	.114	-.074
CENTROID Y	:	.008	.229	.269
POA TO CENTROID in.	:	.113	.256	.279
MIN RADIUS	:	.136	.293	.439
MEAN RADIUS	:	1.049	.933	.853
MR RADIUS	:	1.989	1.612	1.732
HORIZONTAL SPREAD	:	2.429	2.429	1.568
VERTICAL SPREAD	:	3.162	2.428	2.428
GROUP SPREAD	:	3.288	2.890	2.890
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

3 Jan 1992 FILE:/PATTERNING/CENTERFIRE_PATT/C6849165

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

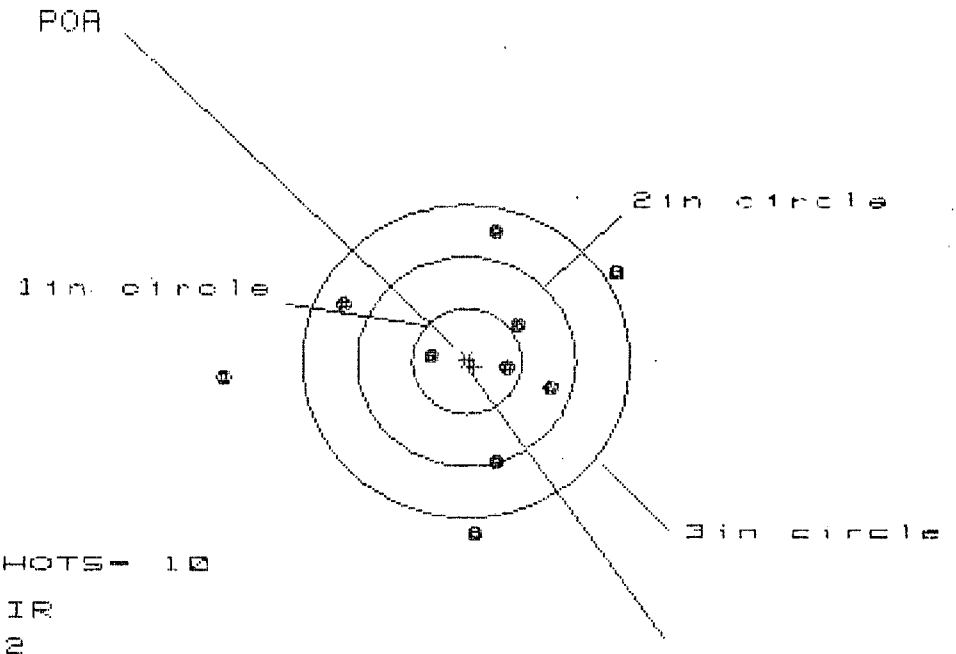
# IN CIR
1in = 1
2in = 5
3in = 8

HS= 2.432
VS= 2.973
GS= 3.092

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.907	.738	.734
MINIMUM X	:	-1.525	-.978	-.982
MAXIMUM Y	:	1.698	1.833	1.083
MINIMUM Y	:	-1.275	-1.140	-.911
CENTROID X	:	-.205	-.036	-.033
CENTROID Y	:	.517	.382	.153
POA TO CENTROID in.	:	.557	.383	.156
MIN RADIUS	:	.239	.380	.458
MEAN RADIUS	:	1.076	.956	.817
MAX RADIUS	:	1.953	1.833	1.129
HORIZONTAL SPREAD	:	2.432	1.716	1.716
VERTICAL SPREAD	:	2.973	2.973	1.994
EXTREME SPREAD	:	3.092	2.977	2.092
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

3 Jan 1992 FILE:/PATTERNING/CENTERFIRE_PATT/C6649185

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

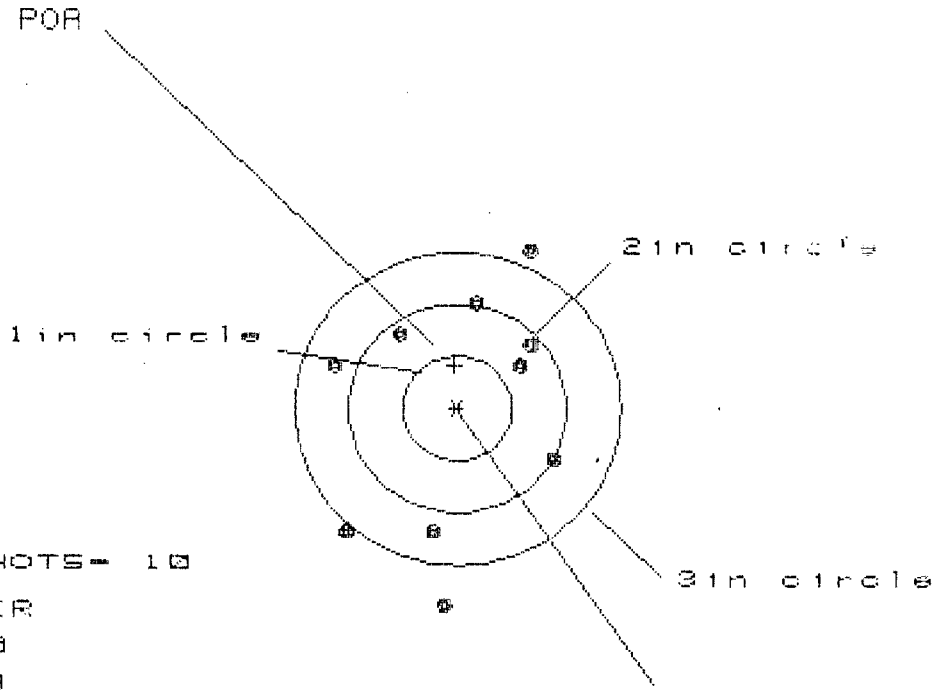
# IN CIR
1in = 2
2in = 4
3in = 7

HS= 3.553
VS= 2.932
GS= 3.691

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.337	1.090	1.074
MINIMUM X	:	-2.216	-1.351	-1.367
MAXIMUM Y	:	1.242	1.230	1.017
MINIMUM Y	:	-1.690	-1.702	-1.218
CENTROID X	:	-.070	.176	.192
CENTROID Y	:	.053	.065	.270
POA TO CENTROID in.	:	.088	.187	.333
MIN RADIUS	:	.314	.173	.240
MEAN RADIUS	:	1.112	.939	.834
MAX RADIUS	:	2.219	1.707	1.395
HORIZONTAL SPREAD	:	3.553	2.441	2.441
VERTICAL SPREAD	:	2.932	2.932	2.235
EXTREME SPREAD	:	3.691	2.937	2.472
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

3 Jan 1992 FILE:/PATTERNING/CENTERFIRE_PATT/C664918*

CENTERFIRE PATTERNS # 4

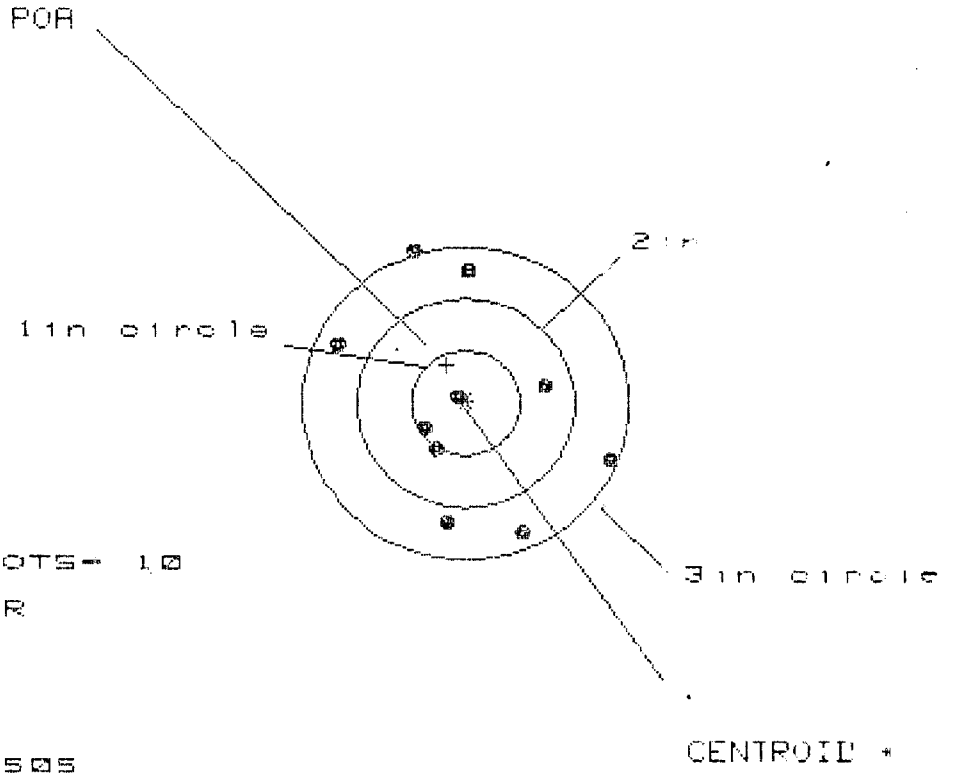


# OF SHOTS= 10
# IN CIR
1in = 0
2in = 3
3in = 7
HS= 2.015
VS= 3.337
GS= 3.442

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.905	.892	.930
MINIMUM X	:	-1.110	-1.123	-1.035
MAXIMUM Y	:	1.477	1.270	1.006
MINIMUM Y	:	-1.860	-1.378	-1.219
CENTROID X	:	.027	.040	-.048
CENTROID Y	:	-.414	-.207	-.[illegible]
POA TO CENTROID in.	:	.415	.211	.3[illegible]
MIN RADIUS	:	.672	.564	.[illegible]
MEAN RADIUS	:	1.197	1.082	1.054
MAX RADIUS	:	1.864	1.715	1.[illegible]
HORIZONTAL SPREAD	:	2.015	2.015	2.[illegible]
VERTICAL SPREAD	:	3.337	2.648	2.[illegible]
EXTREME SPREAD	:	3.442	3.162	2.[illegible]
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	

3 Jan 1992 FILE:/PATTERNING/CENTERFIRE_PATT

CENTERFIRE PATTERN



\# OF SHOTS= 10
\# IN CIR
1 in = 2
2 in = 4
3 in = 9
HS= 2.505
VS= 2.760
GS= 2.965

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.300	1.243	[illegible]
MINIMUM X	:	-1.205	-1.262	[illegible]
MAXIMUM Y	:	1.482	1.440	[illegible]
MINIMUM Y	:	-1.278	-1.114	[illegible]
CENTROID X	:	.174	.231	[illegible]
CENTROID Y	:	-.365	-.529	[illegible]
POA TO CENTROID in.	:	.404	.579	[illegible]
MIN RADIUS	:	.144	.311	[illegible]
MEAN RADIUS	:	1.006	.936	[illegible]
[illegible] RADIUS	:	1.568	1.470	[illegible]
[illegible] SPREAD	:	2.505	2.505	[illegible]
[illegible] SPREAD	:	2.760	2.554	[illegible]
[illegible] SPREAD	:	2.965	2.749	[illegible]
[illegible] ONE INCH CIRCLE	=		2	[illegible]
[illegible] TWO INCH CIRCLE	=		4	[illegible]
[illegible] THREE INCH CIRCLE	=		9	[illegible]

ENDURANCE GUN
LOT RAC91F001-013

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611430

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		3/12/91	K.S.
600	Proof		3/12/91	K.S.
607	Check Headspace		3/12/91	K.S.
610	Dis-assemble Gun		3/12/91	K.S.
612	Magnaflux Barrel Action		3-20-91	KR
	Magnaflux Bolt		11	KR
615	Rollmark Caliber		3/27/91	GS
617	Drill and Tap Sight Holes	APR	3 1991	
618	Polish Barrel	APR	3 1991	
620	Apply Coatings (Barrel Action)		4-18 91	
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/30/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/30/91	KS
	C) Inspect Ejector Hole for Chamfer		4/30/91	KS
	D) Oil Firing Pin Ass'y		4/30/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		5/2/91	

op. #	OPERATION	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			5-2-91	DH
	G) Safety Off Force	3	3	3			5-2-91	DH
	H) Trigger Pull Test & Retainability						5/2/91	DH
	I) Firing Pin Indent	.020	.020	.020			5-2-91	DH
	J) Assemble Stock						5/4/91	KS
	K) Assemble Swivel Studs						5-16-91	DH
	L) Attach Front and Rear Sight Assemblies						5/4/91	KS
	M) Iron Sight Alignment						5/4/91	KS
	N) Detach Front & Rear Sights & place in numbered container						5/4/91	KS
	O) Attach Scope to Rifle						5/4/91	KS
	P) Detach & Attach Scope 20 Times						5/4/91	KS
640	Gallery Target & Test						5-4-91	MF
	A) Time						"	MF
	B) Malfunctions						"	MF
	C) Pierced Primers						"	MF
	D) Optical Clearity of Scope						"	MF
645	Inspect for Live Ammo						5-4-91	MF
655	Final Inspection A) Headspace						5-16-91	DH
	B) Trigger Pull	2.37	2.46	2.49	2.38	2.42	5/13/91	DH
	C) Function						5-16-91	DH
660	Pack							

SWS TRIGGER PULL TEST

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

SERIAL NO. C661430
DATE 5/2/91
TESTER

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.32	2.29	2.30	2.37	MIN. SETTING,
PULL #2	2.35	2.39	2.38	2.46	NO AVG. OF 5
PULL #3	2.20	2.32	2.31	2.49	READINGS ACCEPT-
PULL #4	2.36	2.41	2.39	2.38	ABLE LESS THAN 2#
PULL #5	2.38	2.33	2.40	2.42	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.55	3.31		
PULL #2	3.51	3.45		
PULL #3	3.49	3.41		
PULL #4	3.47	3.45		
PULL #5	3.48	3.42		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.34	4.35		4.42
PULL #2	4.33	4.35		4.37
PULL #3	4.34	4.36		4.29
PULL #4	4.34	4.40		4.33
PULL #5	4.24	4.41		4.40
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611430
4 May 1991

0 Rounds

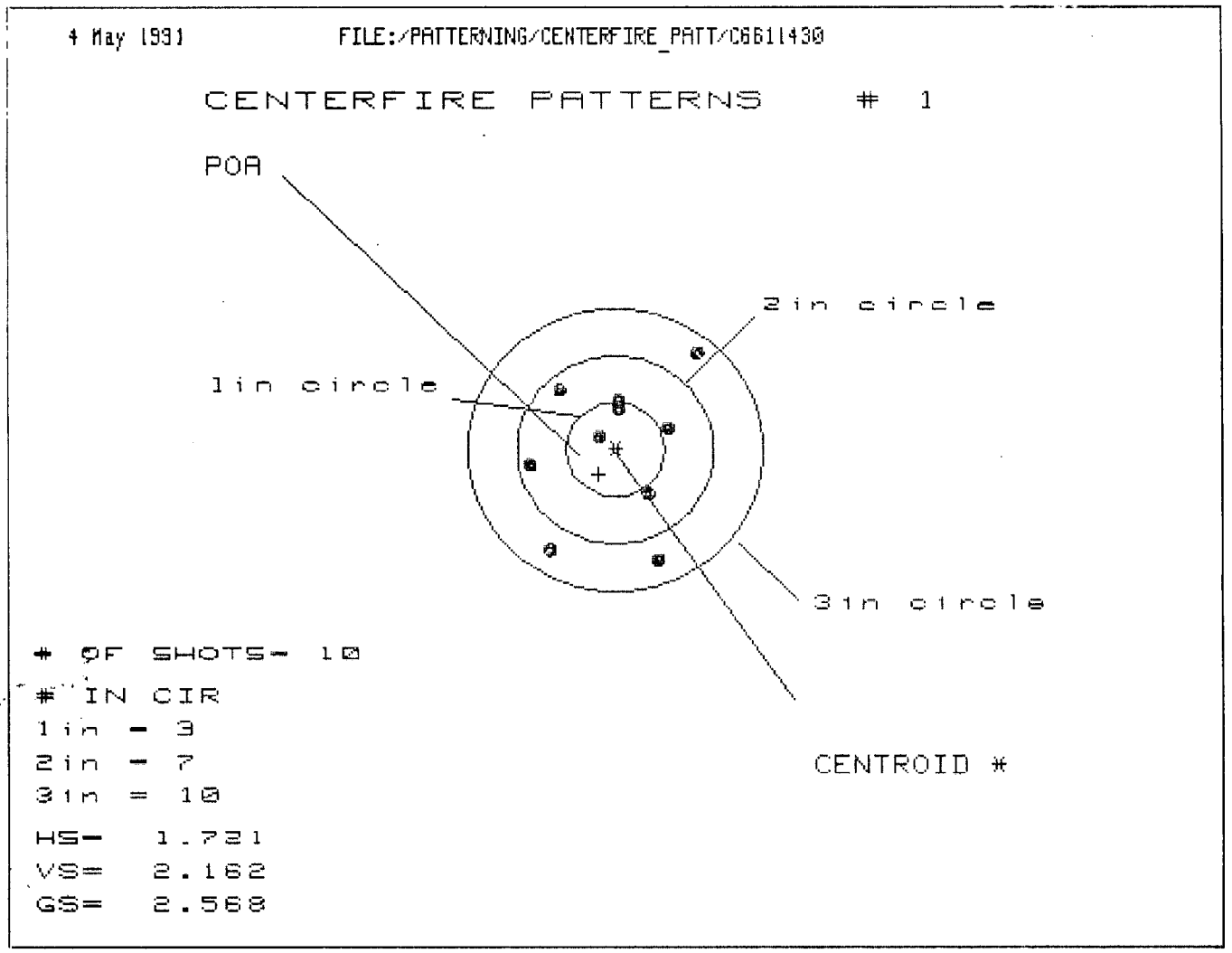
CENTROIDAL DISTANCES

Ø	TO	1	.315146
1	TO	2	.241814
1	TO	3	.53917
1	TO	4	.35223
1	TO	5	.661461

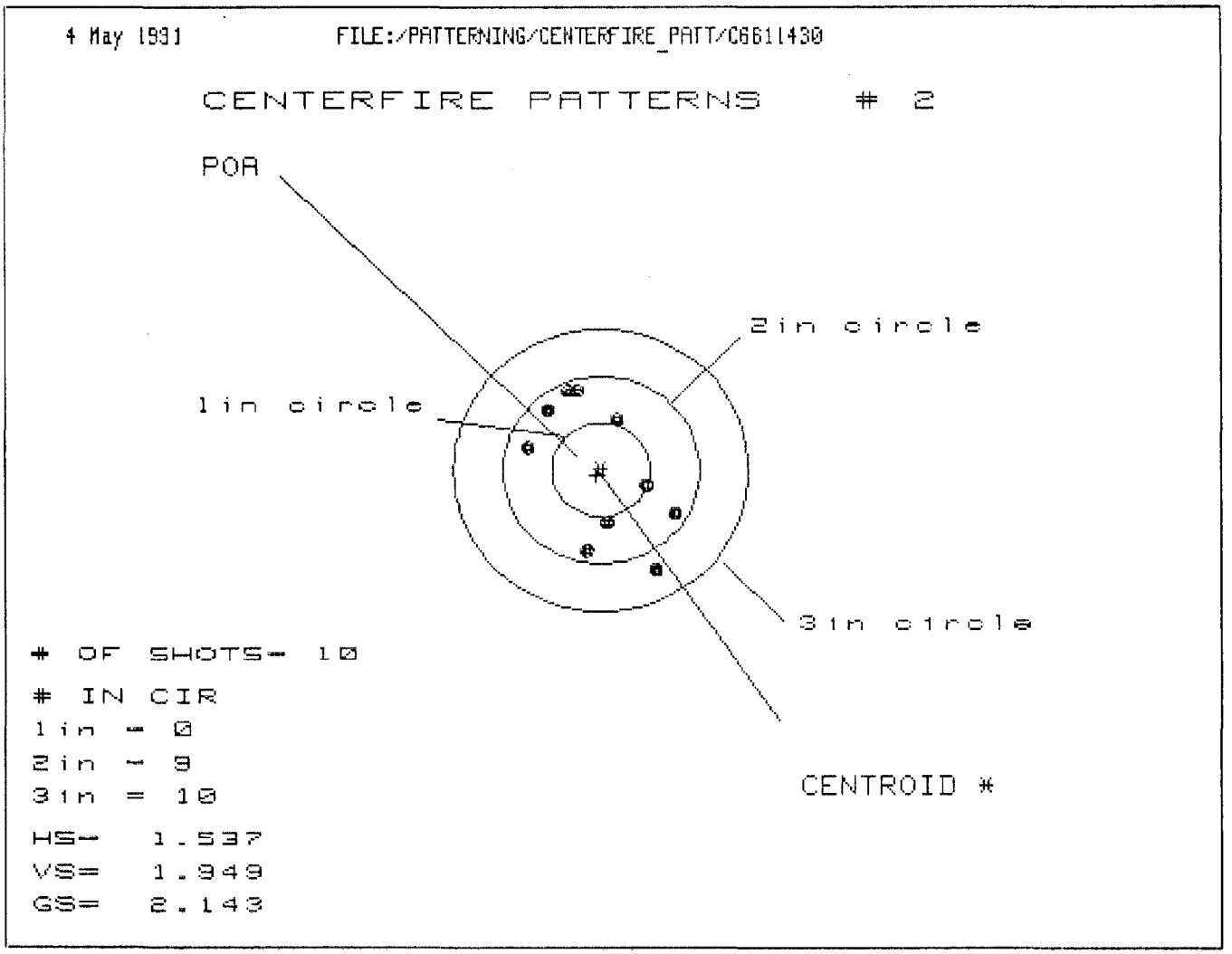
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0628
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0018
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .[illegible]

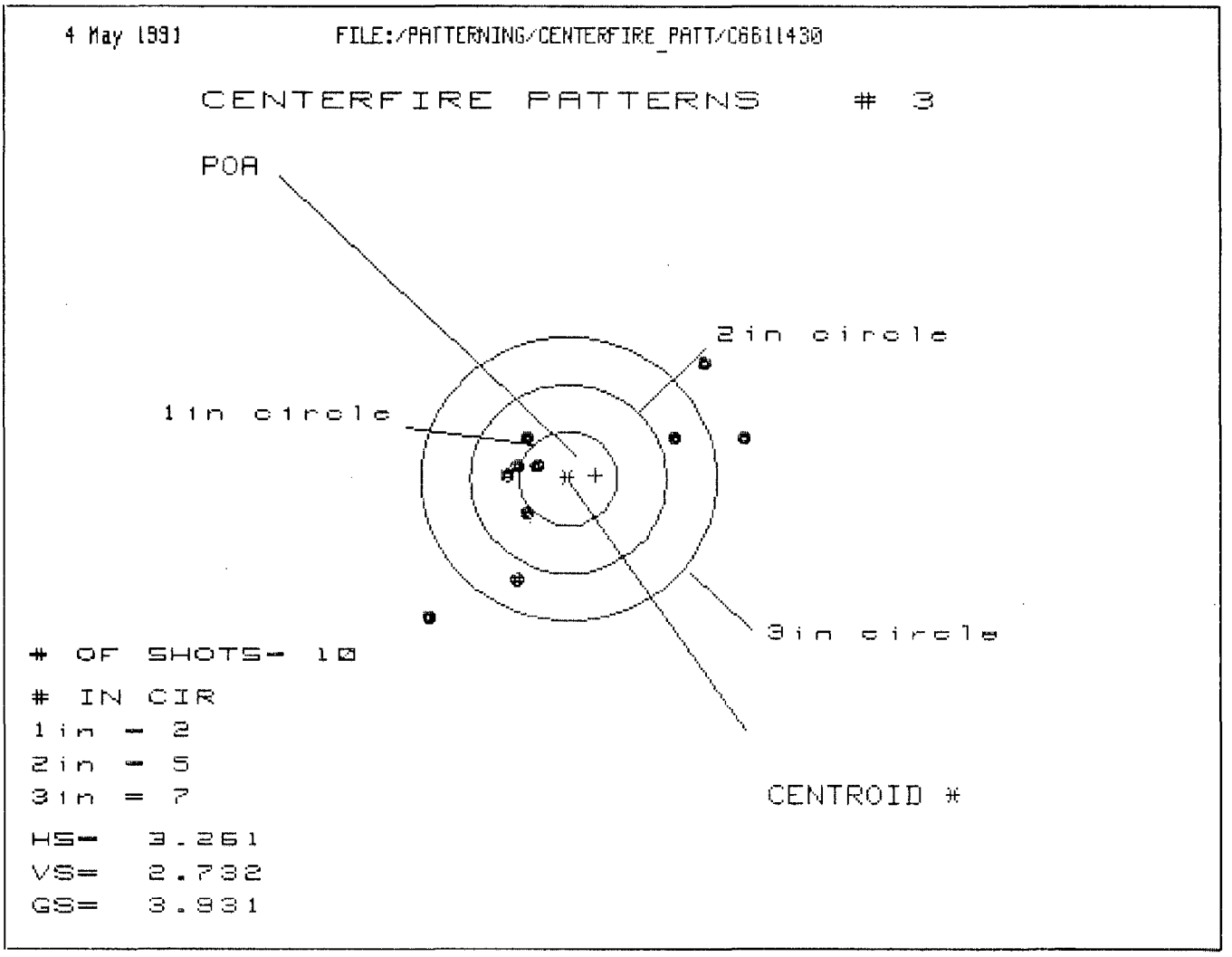
THE AMR FOR THIS RIFLE IS: .9342



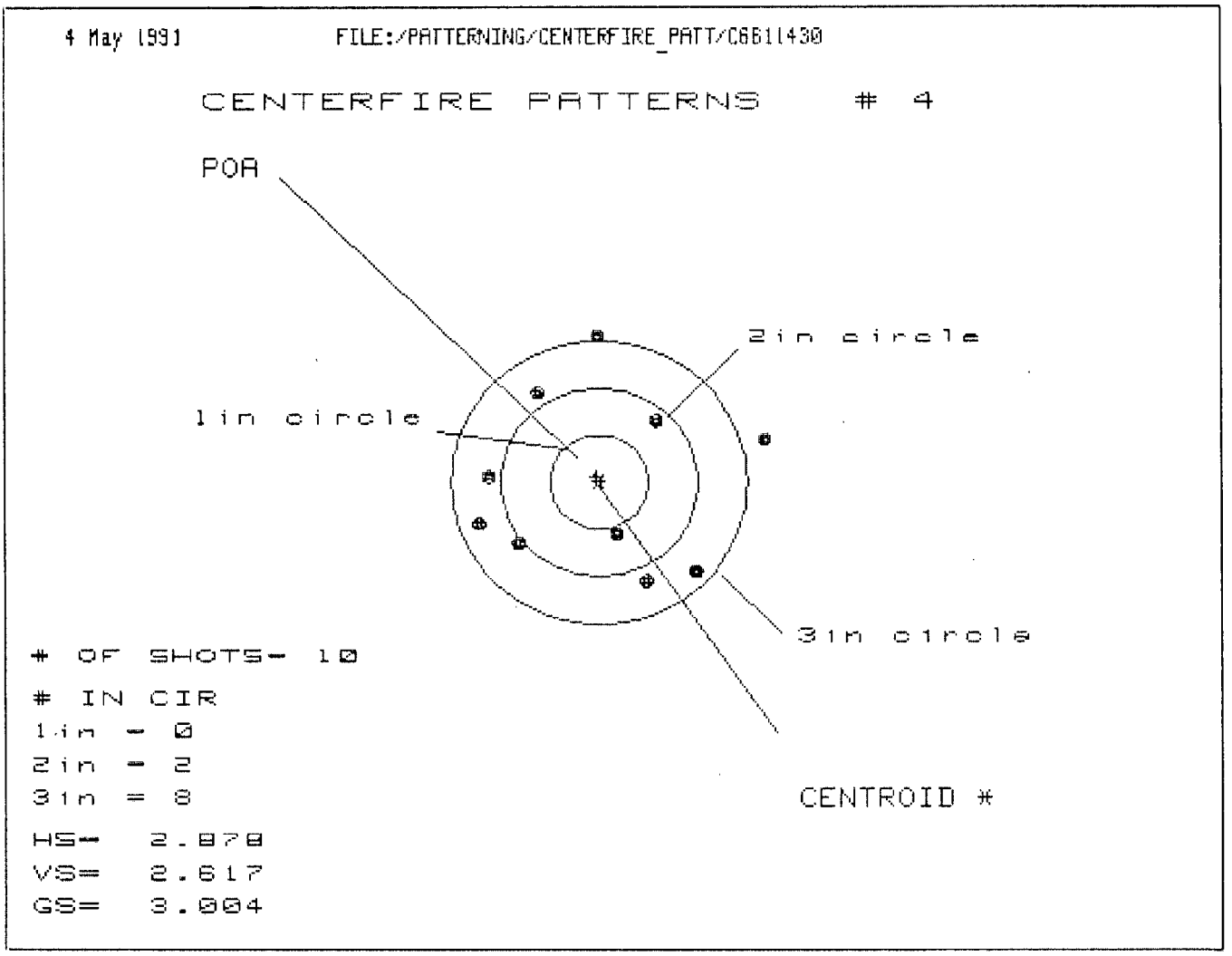
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.853	.585	.519
MINIMUM X	:	-.868	-.774	-.840
MAXIMUM Y	:	.993	.756	.631
MINIMUM Y	:	-1.169	-1.058	-1.183
CENTROID X	:	.169	.075	.141
CENTROID Y	:	.266	.155	.280
POA TO CENTROID in.	:	.315	.172	.313
MIN RADIUS	:	.204	.244	.172
MEAN RADIUS	:	.780	.736	.647
MAX RADIUS	:	1.309	1.200	1.284
HORIZONTAL SPREAD	:	1.721	1.359	1.359
VERTICAL SPREAD	:	2.162	1.814	1.814
EXTREME SPREAD	:	2.568	2.080	2.080
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	10		



PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.774	.838	.804
MINIMUM X	:	-.763	-.699	-.733
MAXIMUM Y	:	.868	.748	.841
MINIMUM Y	:	-1.081	-1.017	-.924
CENTROID X	:	.044	-.020	.014
CENTROID Y	:	.059	.179	.086
POA TO CENTROID in.	:	.073	.180	.088
MIN RADIUS	:	.504	.472	.540
MEAN RADIUS	:	.817	.758	.753
MAX RADIUS	:	1.225	1.037	.956
HORIZONTAL SPREAD	:	1.537	1.537	1.537
VERTICAL SPREAD	:	1.949	1.765	1.765
EXTREME SPREAD	:	2.143	1.770	1.770
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	



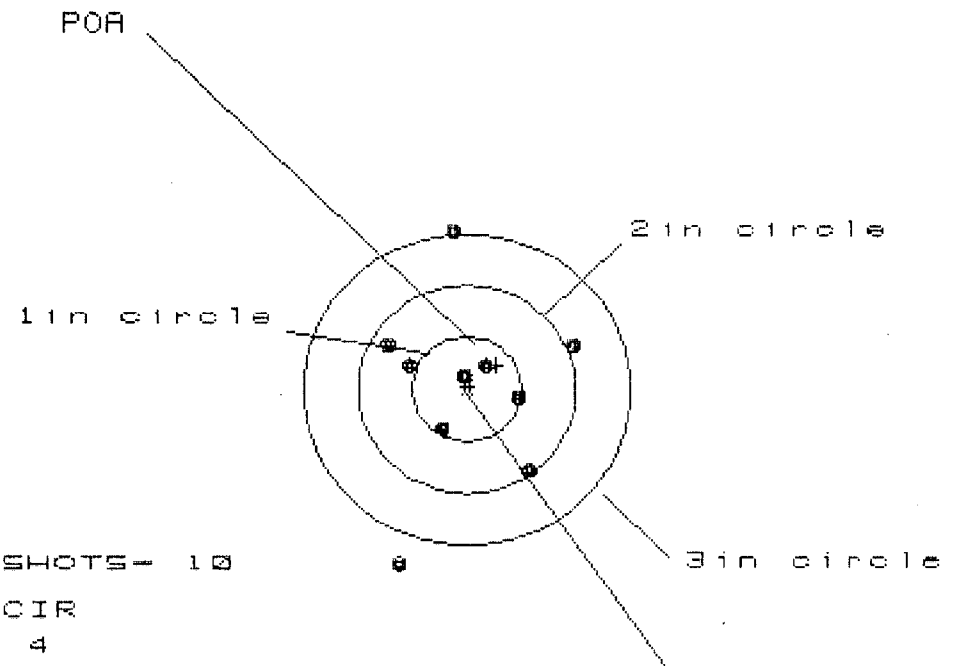
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.828	1.669	1.823
MINIMUM X	:	-1.433	-.828	-.674
MAXIMUM Y	:	1.270	1.108	.446
MINIMUM Y	:	-1.462	-1.210	-1.072
CENTROID X	:	-.279	-.120	-.274
CENTROID Y	:	-.034	.128	-.010
POA TO CENTROID in.	:	.281	.175	.274
MIN RADIUS	:	.379	.520	.377
MEAN RADIUS	:	1.091	1.018	.873
MAX RADIUS	:	2.047	1.687	1.864
HORIZONTAL SPREAD	:	3.261	2.497	2.497
VERTICAL SPREAD	:	2.732	2.318	1.518
EXTREME SPREAD	:	3.931	3.000	2.758
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.638	1.158	1.173
MINIMUM X	:	-1.240	-1.058	-1.043
MAXIMUM Y	:	1.540	1.588	1.231
MINIMUM Y	:	-1.077	-1.029	-.830
CENTROID X	:	.024	-.158	-.173
CENTROID Y	:	-.055	-.103	-.301
POA TO CENTROID in.	:	.060	.189	.348
MIN RADIUS	:	.543	.588	.460
MEAN RADIUS	:	1.192	1.119	1.031
MAX RADIUS	:	1.693	1.592	1.371
HORIZONTAL SPREAD	:	2.878	2.216	2.216
VERTICAL SPREAD	:	2.617	2.617	2.061
EXTREME SPREAD	:	3.004	2.706	2.493
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		8	

4 May 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6811430

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

# IN CIR
1in = 4
2in = 7
3in = 9

HS= 1.660
VS= 3.140
GS= 3.176

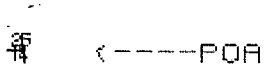
PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.954	.886	.861
MINIMUM X	:	-.706	-.774	-.799
MAXIMUM Y	:	1.489	1.306	.402
MINIMUM Y	:	-1.651	-.926	-.763
CENTROID X	:	-.272	-.204	-.179
CENTROID Y	:	-.227	-.044	-.207
POA TO CENTROID in.	:	.354	.209	.273
MIN RADIUS	:	.095	.148	.151
MEAN RADIUS	:	.791	.674	.581
MAX RADIUS	:	1.760	1.321	.943
HORIZONTAL SPREAD	:	1.660	1.660	1.660
VERTICAL SPREAD	:	3.140	2.232	1.165
EXTREME SPREAD	:	3.176	2.350	1.752
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611430
21 May 1991

500 RDS

CENTROIDAL DISTANCES

0	TO	1	.256223
1	TO	2	.103175
1	TO	3	.663268
1	TO	4	.268464
1	TO	5	.0774726

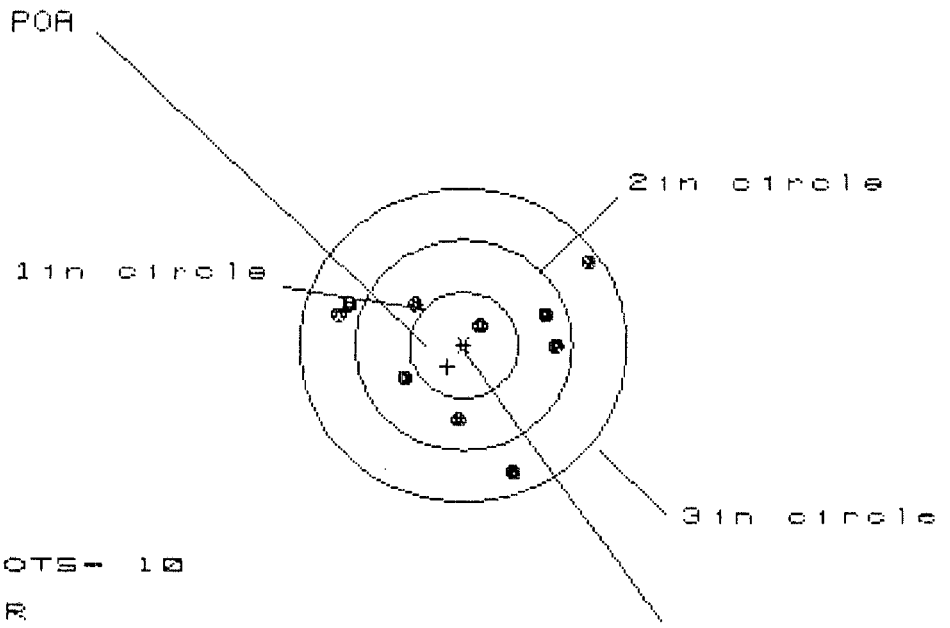


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0492
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .247
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .251852

THE AMR FOR THIS RIFLE IS: .8898

21 May 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6811430.1

CENTERFIRE PATTERNS # 1

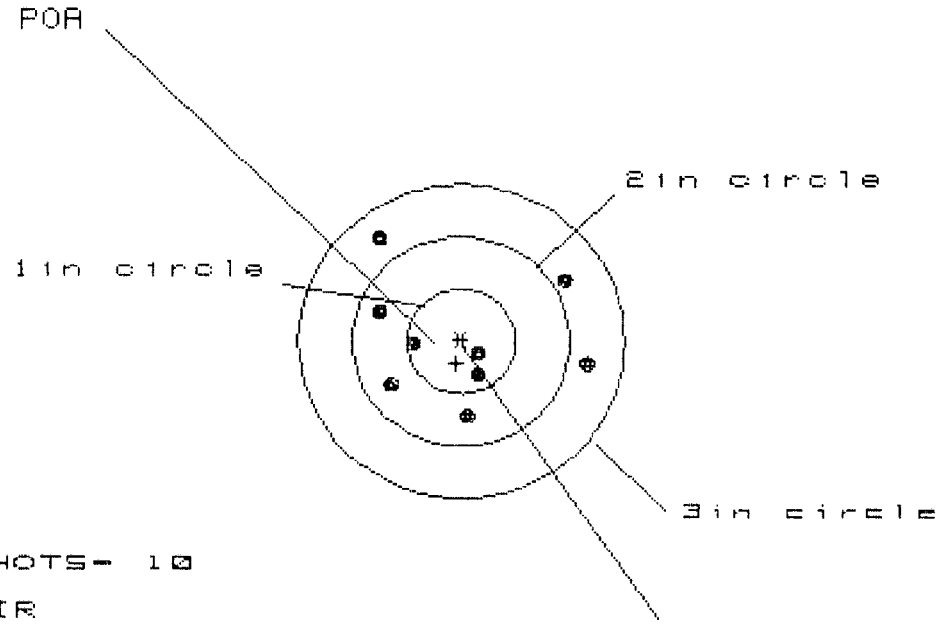


# OF SHOTS= 10
# IN CIR
1in = 1
2in = 6
3in = 10
HS= 2.288
VS= 2.012
GS= 2.335

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.124	.983	1.049
MINIMUM X	:	-1.164	-1.039	-.973
MAXIMUM Y	:	.771	.525	.381
MINIMUM Y	:	-1.241	-1.155	-.806
CENTROID X	:	.151	.026	-.040
CENTROID Y	:	.207	.121	.266
POA TO CENTROID in.	:	.256	.124	.269
MIN RADIUS	:	.213	.356	.326
MEAN RADIUS	:	.880	.821	.747
MAX RADIUS	:	1.363	1.270	1.055
HORIZONTAL SPREAD	:	2.288	2.022	2.022
VERTICAL SPREAD	:	2.012	1.680	1.186
EXTREME SPREAD	:	2.335	2.201	2.053
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

21 May 1993 FILE:/PATTERNING/CENTERFIRE_PATT/C6811430.1

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

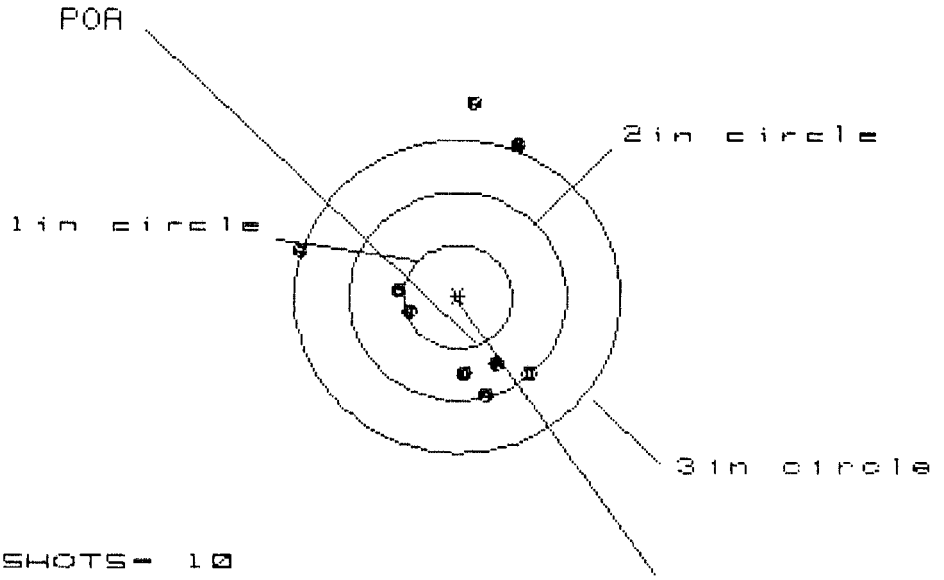
# IN CIR
1in = 4
2in = 7
3in = 10

HS= 1.892
VS= 1.672
GS= 2.215

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.135	1.054	1.024
MINIMUM X	:	-.757	-.838	-.706
MAXIMUM Y	:	.993	.725	.713
MINIMUM Y	:	-.679	-.569	-.582
CENTROID X	:	.048	.129	-.003
CENTROID Y	:	.213	.103	.115
POA TO CENTROID in.	:	.219	.165	.116
MIN RADIUS	:	.179	.042	.164
MEAN RADIUS	:	.705	.608	.562
MAX RADIUS	:	1.230	1.150	1.247
HORIZONTAL SPREAD	:	1.892	1.892	1.730
VERTICAL SPREAD	:	1.672	1.294	1.294
EXTREME SPREAD	:	2.215	1.950	1.931
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

21 May 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6811430.1

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

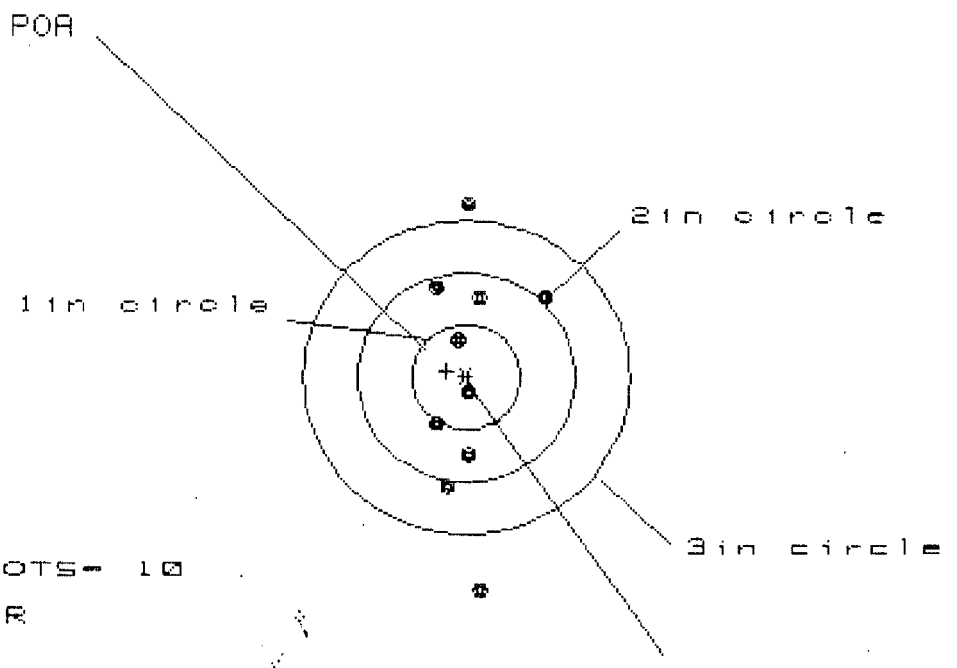
# IN CIR
1in = 0
2in = 7
3in = 8

HS= 2.040
VS= 2.831
GS= 2.833

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.630	.644	.719
MINIMUM X	:	-1.410	-1.396	-1.321
MAXIMUM Y	:	1.891	1.648	.861
MINIMUM Y	:	-.940	-.730	-.524
CENTROID X	:	-.354	-.368	-.443
CENTROID Y	:	.637	.427	.221
POA TO CENTROID in.	:	.729	.564	.495
MIN RADIUS	:	.506	.481	.349
MEAN RADIUS	:	1.011	.848	.685
MAX RADIUS	:	1.895	1.755	1.576
HORIZONTAL SPREAD	:	2.040	2.040	2.040
VERTICAL SPREAD	:	2.831	2.378	1.385
EXTREME SPREAD	:	2.833	2.406	2.365
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

21 May 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6811430.1

CENTERFIRE PATTERNS # 4

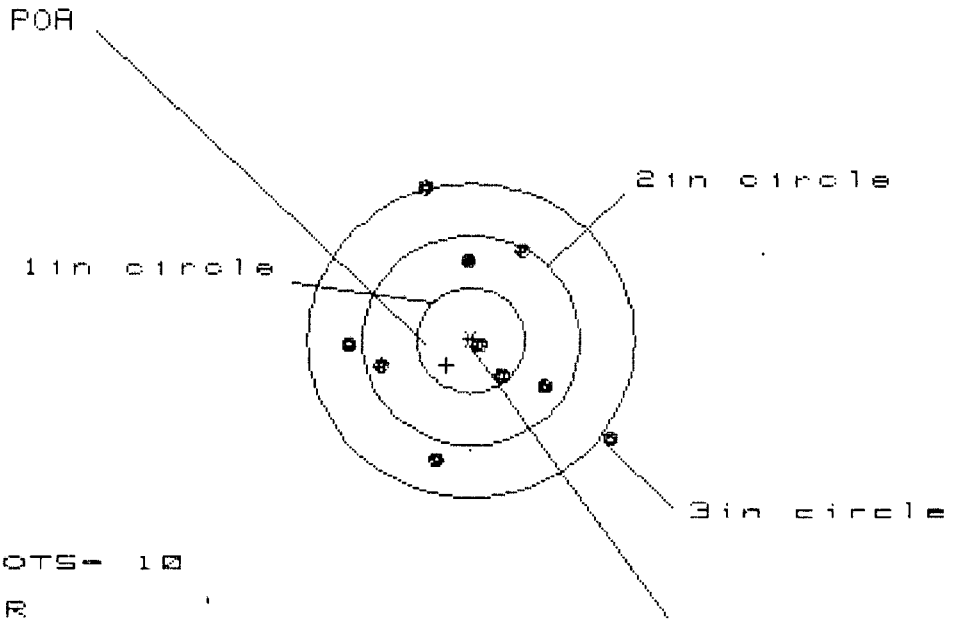


# OF SHOTS= 10
# IN CIR
1in = 2
2in = 6
3in = 8
HS= .999
VS= 3.649
GS= 3.650

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.687	.699	.703
MINIMUM X	:	-.312	-.300	-.296
MAXIMUM Y	:	1.613	1.386	.841
MINIMUM Y	:	-2.037	-1.303	-1.129
CENTROID X	:	.179	.167	.163
CENTROID Y	:	-.060	.167	-.006
POA TO CENTROID in.	:	.188	.236	.163
MIN RADIUS	:	.141	.197	.193
MEAN RADIUS	:	.926	.786	.702
MAX RADIUS	:	2.039	1.387	1.145
HORIZONTAL SPREAD	:	.999	.999	.999
VERTICAL SPREAD	:	3.649	2.689	1.971
EXTREME SPREAD	:	3.650	2.699	2.016
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

21 May 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6B11430.1

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

# IN CIR
1in = 2
2in = 6
3in = 9

HS= 2.392
VS= 2.571
GS= 2.843

PATTERN # : 5

SHOTS (BEST OF) :	10	9	8
MAXIMUM X :	1.273	.771	.741
MINIMUM X :	-1.119	-.977	-1.007
MAXIMUM Y :	1.420	1.321	.929
MINIMUM Y :	-1.151	-1.250	-1.085
CENTROID X :	.222	.080	.110
CENTROID Y :	.238	.337	.172
POA TO CENTROID in.:	.325	.347	.204
MIN RADIUS :	.134	.305	.238
MEAN RADIUS :	.927	.871	.788
MAX RADIUS :	1.556	1.342	1.103
HORIZONTAL SPREAD :	2.392	1.748	1.748
VERTICAL SPREAD :	2.571	2.571	2.014
EXTREME SPREAD :	2.843	2.572	2.150

NUMBER IN ONE INCH CIRCLE = 2
NUMBER IN TWO INCH CIRCLE = 6
NUMBER IN THREE INCH CIRCLE = 9

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611430
31 May 1991

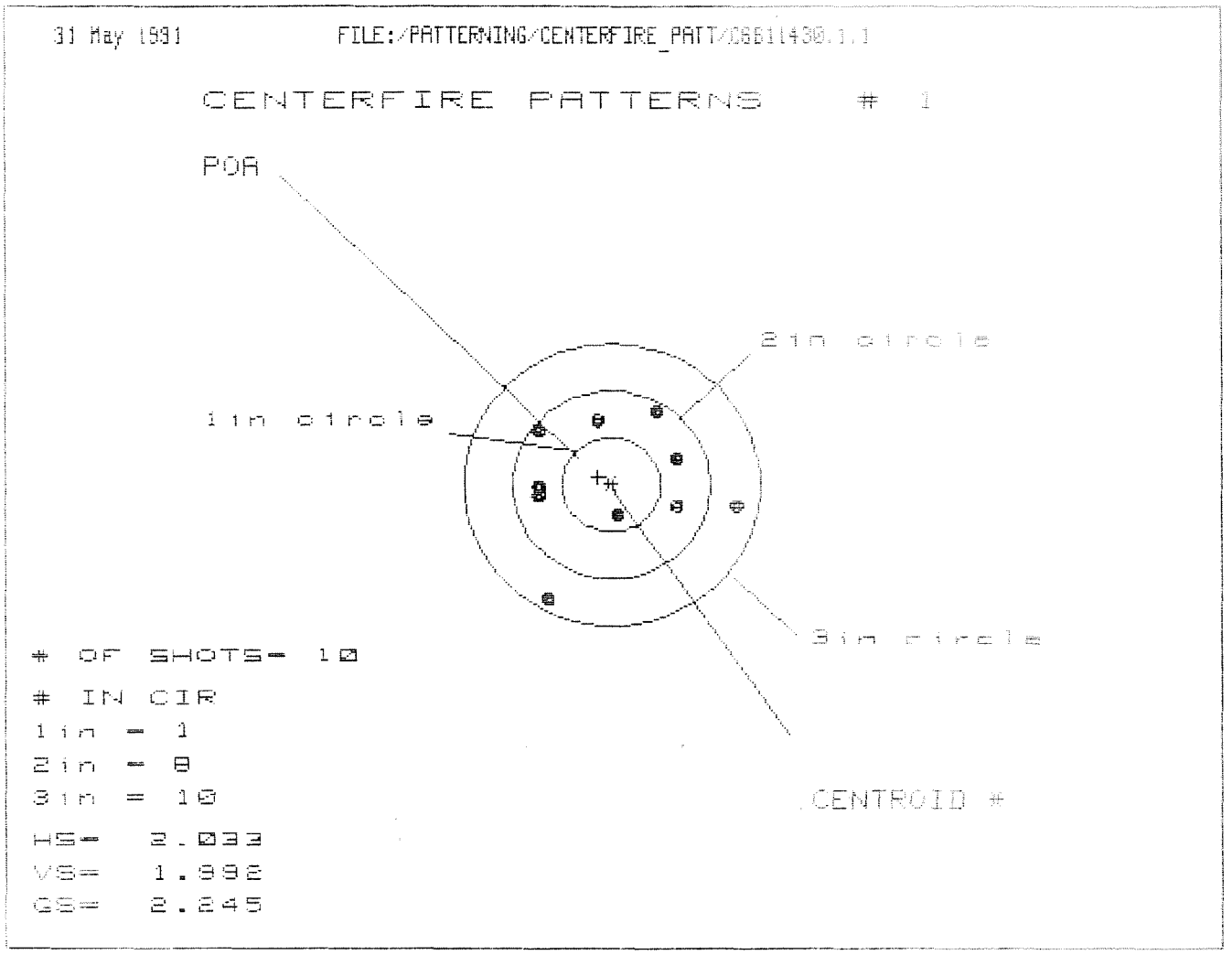
4,500 Rds

CENTROIDAL DISTANCES

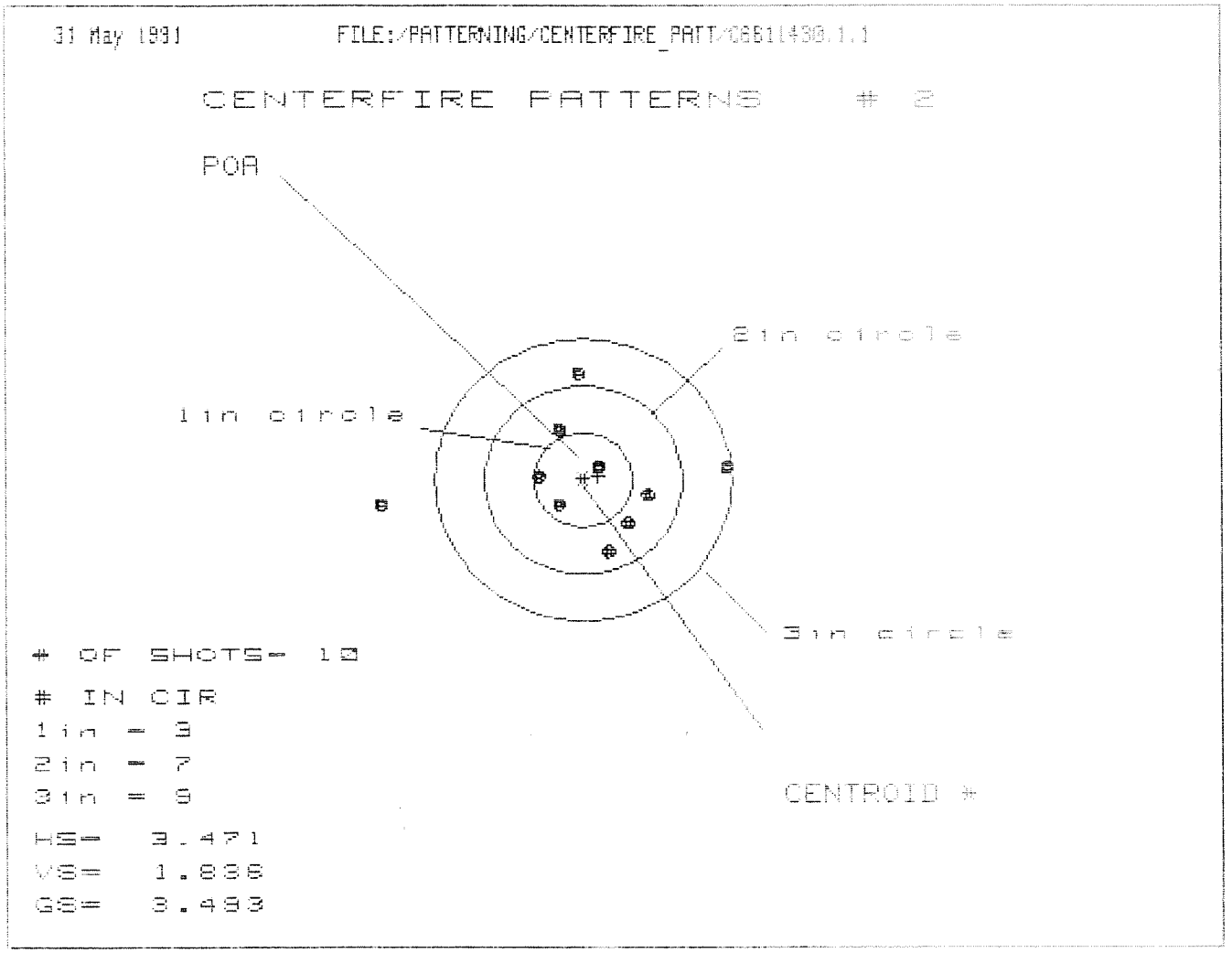
0	TO	1	.160524
1	TO	2	.29416
1	TO	3	.195328
1	TO	4	.0186011
1	TO	5	.239985

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0316
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0832
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0889989

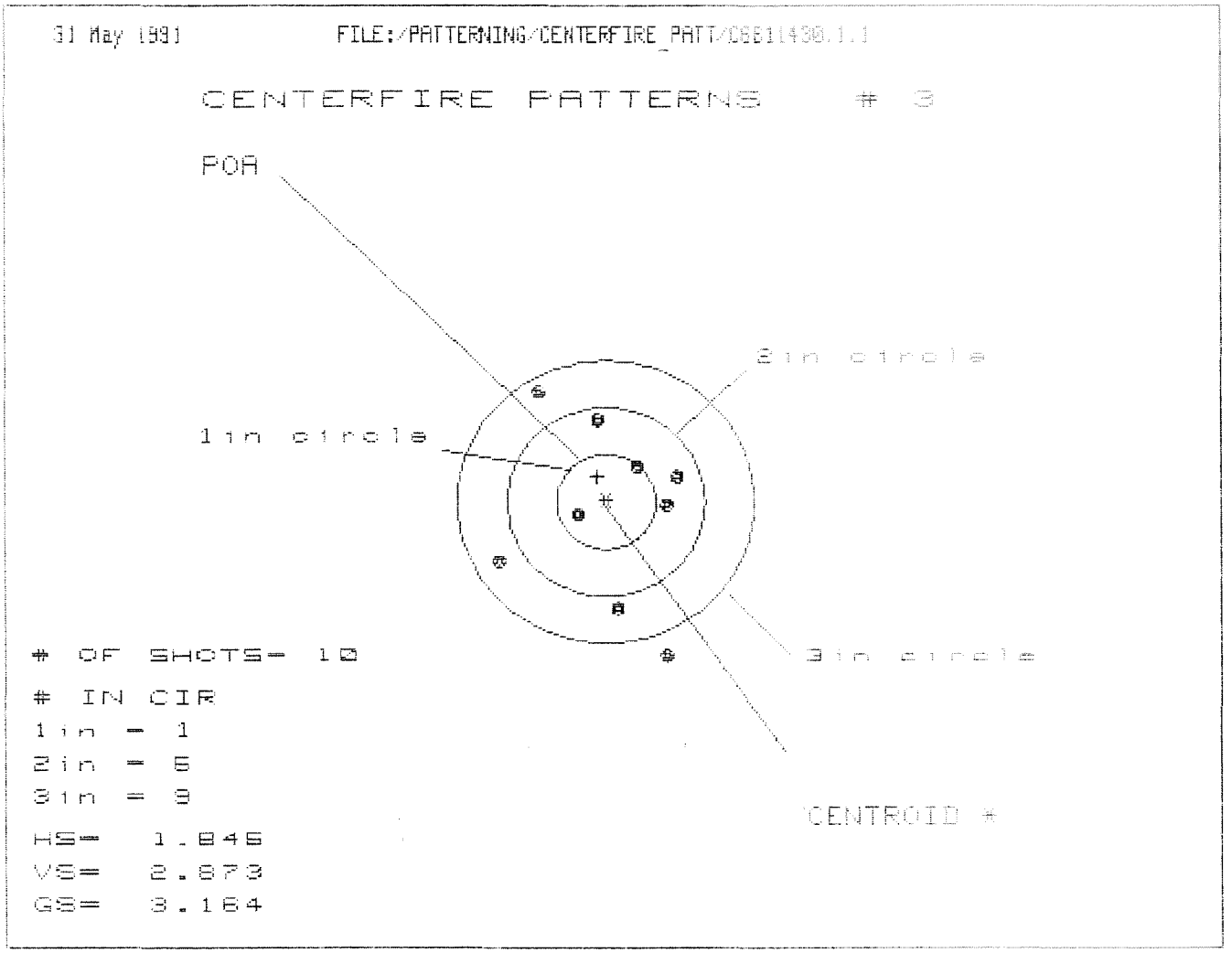
THE AMR FOR THIS RIFLE IS: .8258



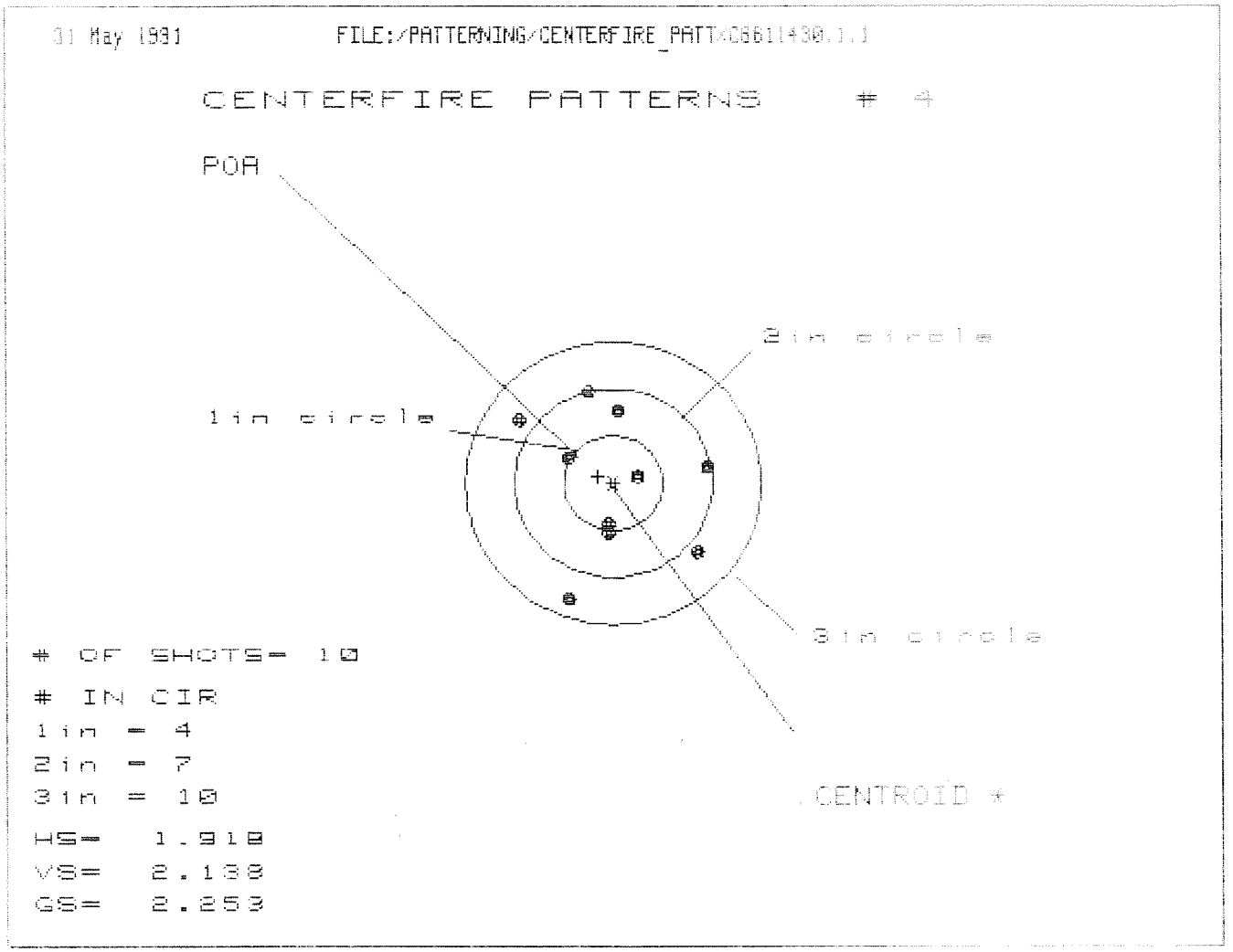
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.254	1.187	.757
MINIMUM X	:	-.779	-.846	-.698
MAXIMUM Y	:	.753	.616	.568
MINIMUM Y	:	-1.239	-.450	-.498
CENTROID X	:	.138	.205	.056
CENTROID Y	:	-.082	.055	.103
POA TO CENTROID in.	:	.161	.212	.117
MIN RADIUS	:	.314	.452	.459
MEAN RADIUS	:	.829	.759	.686
MAX RADIUS	:	1.377	1.246	.855
HORIZONTAL SPREAD	:	2.033	2.033	1.455
VERTICAL SPREAD	:	1.992	1.066	1.066
EXTREME SPREAD	:	2.245	2.182	1.642
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.443	1.217	.592
MINIMUM X	:	-2.028	-.661	-.509
MAXIMUM Y	:	1.097	1.066	1.076
MINIMUM Y	:	-.739	-.770	-.760
CENTROID X	:	-.153	.073	-.079
CENTROID Y	:	-.039	-.008	-.018
POA TO CENTROID in.	:	.158	.073	.081
MIN RADIUS	:	.163	.122	.098
MEAN RADIUS	:	.826	.681	.592
MAX RADIUS	:	2.048	1.220	1.078
HORIZONTAL SPREAD	:	3.471	1.879	1.101
VERTICAL SPREAD	:	1.836	1.836	1.836
EXTREME SPREAD	:	3.493	1.879	1.850
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	



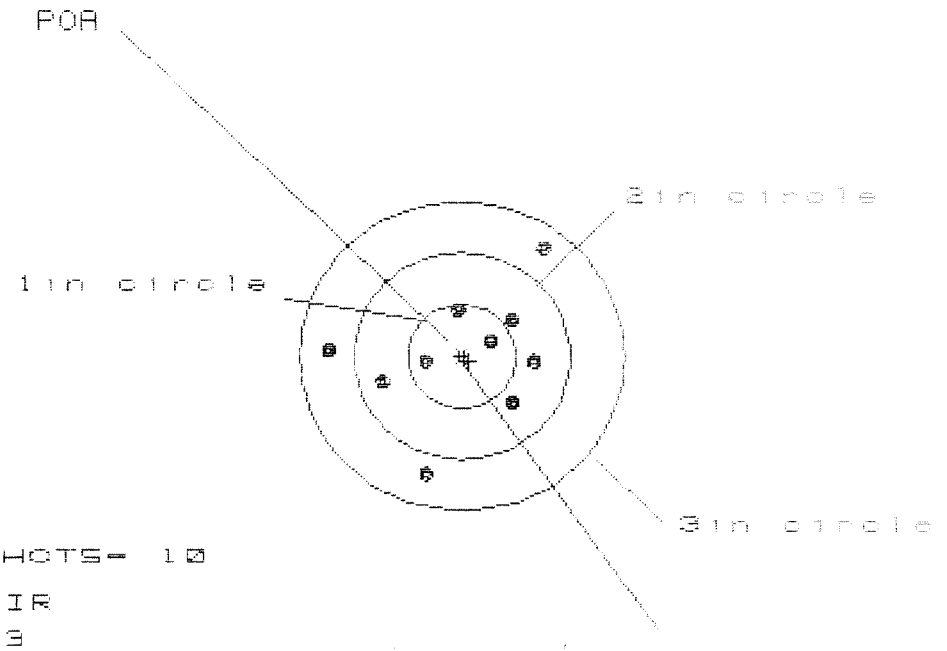
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.719	.786	.704
MINIMUM X	:	-1.127	-1.060	-1.142
MAXIMUM Y	:	1.209	1.024	.786
MINIMUM Y	:	-1.664	-1.299	-1.171
CENTROID X	:	.085	.018	.100
CENTROID Y	:	-.270	-.085	-.213
POA TO CENTROID in.	:	.283	.087	.235
MIN RADIUS	:	.328	.411	.371
MEAN RADIUS	:	.944	.830	.774
MAX RADIUS	:	1.770	1.310	1.310
HORIZONTAL SPREAD	:	1.846	1.846	1.846
VERTICAL SPREAD	:	2.873	2.323	1.957
EXTREME SPREAD	:	3.164	2.464	2.025
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.969	.922	.799
MINIMUM X	:	-.949	-.996	-.576
MAXIMUM Y	:	.937	.804	.867
MINIMUM Y	:	-1.201	-.869	-.806
CENTROID X	:	.153	.200	.324
CENTROID Y	:	-.071	.062	-.001
POA TO CENTROID in.	:	.169	.209	.324
MIN RADIUS	:	.272	.201	.087
MEAN RADIUS	:	.786	.723	.662
MAX RADIUS	:	1.273	1.175	1.046
HORIZONTAL SPREAD	:	1.918	1.918	1.374
VERTICAL SPREAD	:	2.138	1.673	1.673
EXTREME SPREAD	:	2.253	2.253	1.979
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

31 May 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C661430.1.1

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

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

HS= 1.975
VS= 2.210
GS= 2.457

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.759	.716	.687
MINIMUM X	:	-1.216	-1.132	-1.161
MAXIMUM Y	:	1.023	.535	.401
MINIMUM Y	:	-1.187	-1.073	-.462
CENTROID X	:	-.065	-.149	-.120
CENTROID Y	:	.046	-.068	.066
POA TO CENTROID in.	:	.079	.164	.137
MIN RADIUS	:	.324	.237	.287
MEAN RADIUS	:	.744	.691	.619
MAX RADIUS	:	1.274	1.143	1.161
HORIZONTAL SPREAD	:	1.975	1.848	1.848
VERTICAL SPREAD	:	2.210	1.608	.863
EXTREME SPREAD	:	2.457	1.849	1.849
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611430
1 Jun 1991

5000 RDS

CENTROIDAL DISTANCES

0	TO	1	.103392
1	TO	2	.457751
1	TO	3	.223707
1	TO	4	.114965
1	TO	5	.17322

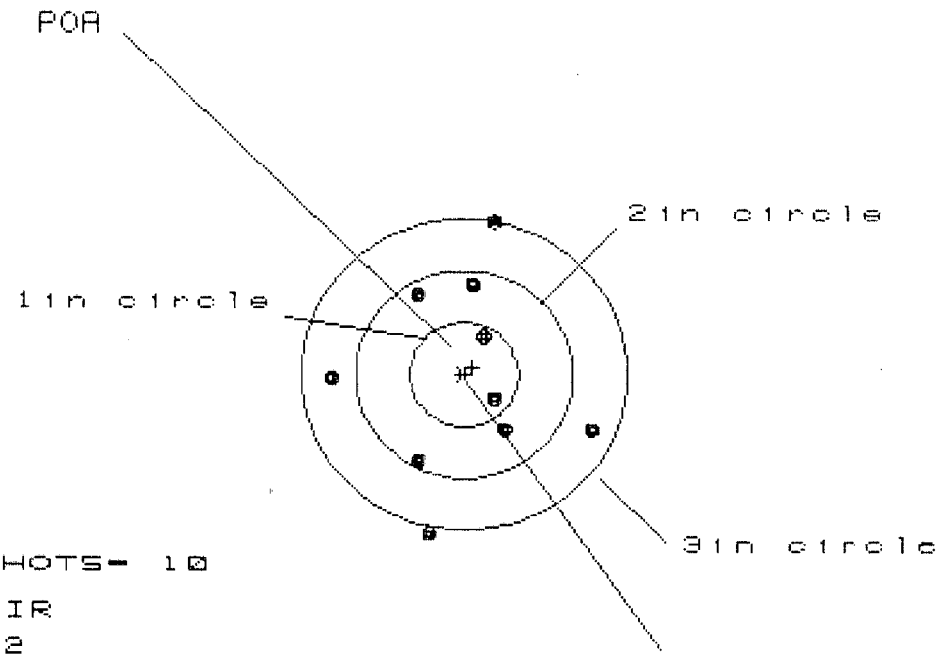
5 #2 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0178
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0332
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0376707

THE AMR FOR THIS RIFLE IS: .8928

1 Jun 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6611430.1.1.1

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

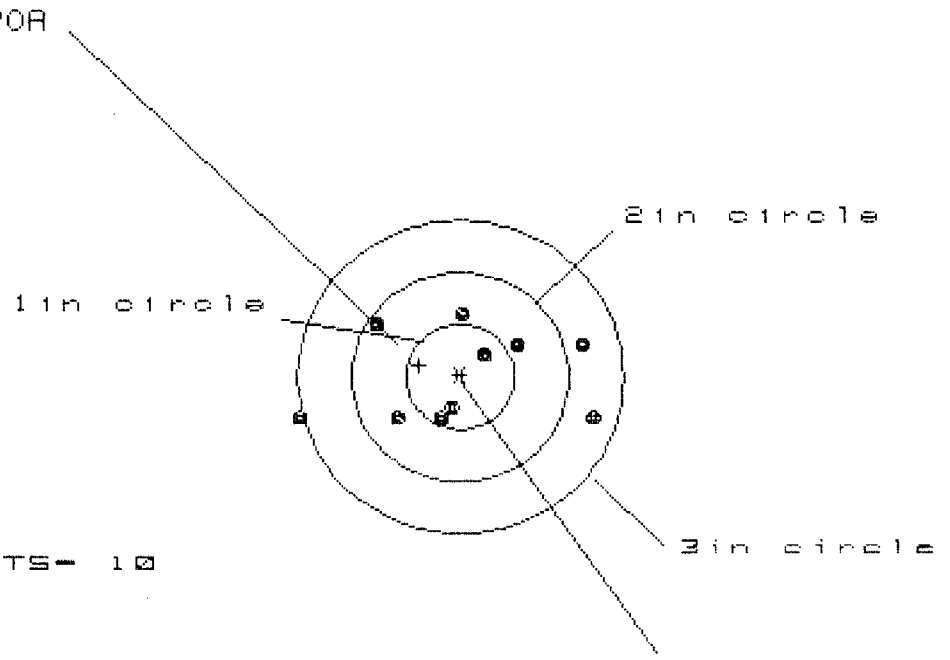
# IN CIR
1in = 2
2in = 6
3in = 8

HS= 2.350
VS= 2.964
GS= 3.021

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.129	1.097	1.129
MINIMUM X	:	-1.221	-1.253	-1.221
MAXIMUM Y	:	1.478	1.313	.857
MINIMUM Y	:	-1.486	-.978	-.814
CENTROID X	:	-.077	-.045	-.077
CENTROID Y	:	-.069	.096	-.068
POA TO CENTROID in.	:	.103	.106	.103
MIN RADIUS	:	.351	.278	.352
MEAN RADIUS	:	.948	.869	.808
MAX RADIUS	:	1.514	1.339	1.228
HORIZONTAL SPREAD	:	2.350	2.350	2.350
VERTICAL SPREAD	:	2.964	2.291	1.671
EXTREME SPREAD	:	3.021	2.399	2.399
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

1 Jun 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6611430.1.1.1

CENTERFIRE PATTERNS # 2



# OF SHOTS= 10
# IN CIR
1in = 3
2in = 7
3in = 10
HS= 2.694
VS= 1.020
GS= 2.695

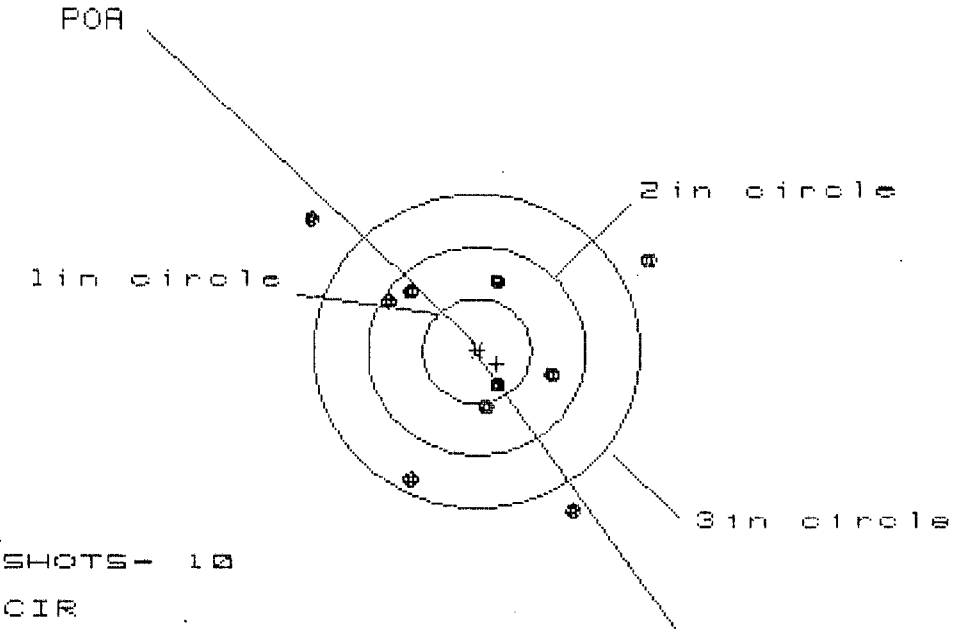
PATTERN # : 2

SHOTS (BEST OF) :	10	9	8
MAXIMUM X :	1.242	1.080	1.102
MINIMUM X :	-1.453	-.939	-.804
MAXIMUM Y :	.583	.544	.485
MINIMUM Y :	-.437	-.476	-.535
CENTROID X :	.379	.540	.405
CENTROID Y :	-.109	-.070	-.012
POA TO CENTROID in.:	.394	.544	.405
MIN RADIUS :	.262	.146	.182
MEAN RADIUS :	.779	.690	.619
MAX RADIUS :	1.495	1.176	1.124
HORIZONTAL SPREAD :	2.694	2.019	1.906
VERTICAL SPREAD :	1.020	1.020	1.020
EXTREME SPREAD :	2.695	2.225	1.915

NUMBER IN ONE INCH CIRCLE = 3
NUMBER IN TWO INCH CIRCLE = 7
NUMBER IN THREE INCH CIRCLE = 10

1 Jun 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6811430.1.1.1

CENTERFIRE PATTERNS # 3

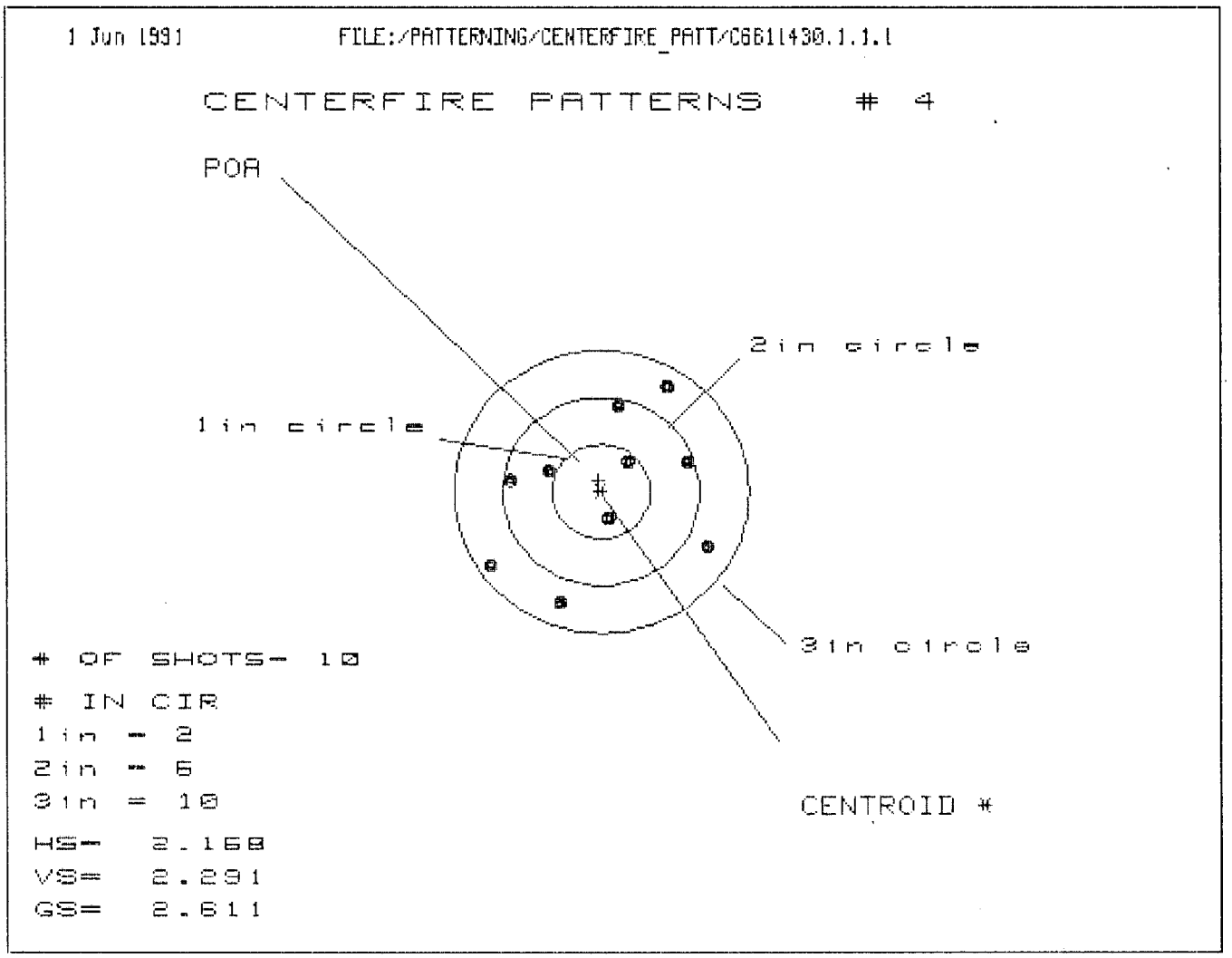


OF SHOTS= 10

# IN CIR	
1in =	1
2in =	6
3in =	7

HS= 3.061
VS= 2.772
GS= 3.674

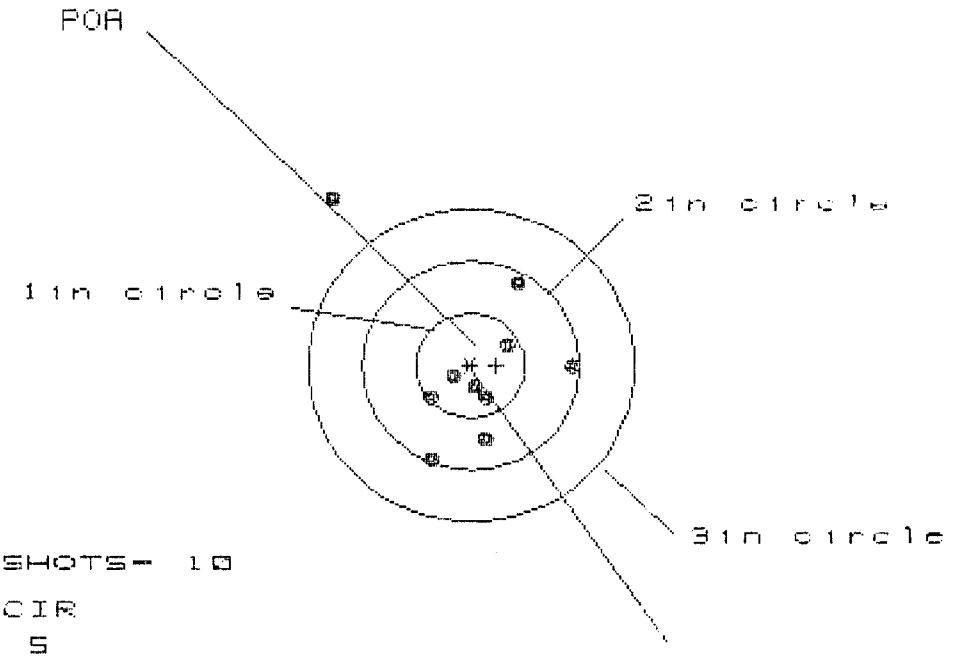
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.551	1.383	.907
MINIMUM X	:	-1.510	-.943	-.770
MAXIMUM Y	:	1.260	.994	.903
MINIMUM Y	:	-1.512	-1.372	-1.247
CENTROID X	:	-.183	-.015	-.188
CENTROID Y	:	.128	-.012	-.136
POA TO CENTROID in.	:	.223	.020	.233
MIN RADIUS	:	.404	.216	.218
MEAN RADIUS	:	1.095	.968	.864
MAX RADIUS	:	1.967	1.704	1.543
HORIZONTAL SPREAD	:	3.061	2.326	1.677
VERTICAL SPREAD	:	2.772	2.366	2.151
EXTREME SPREAD	:	3.674	2.992	2.620
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		7	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.029	.903	.832
MINIMUM X	:	-1.139	-1.074	-1.145
MAXIMUM Y	:	1.089	.997	.835
MINIMUM Y	:	-1.202	-1.294	-.859
CENTROID X	:	.027	.153	.224
CENTROID Y	:	-.118	-.026	.136
POA TO CENTROID in.	:	.121	.155	.262
MIN RADIUS	:	.323	.269	.092
MEAN RADIUS	:	.919	.848	.747
MAX RADIUS	:	1.406	1.412	1.196
HORIZONTAL SPREAD	:	2.168	1.977	1.977
VERTICAL SPREAD	:	2.291	2.291	1.694
EXTREME SPREAD	:	2.611	2.531	2.111
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

1 Jun 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C681.430 1.1.1

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

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

HS= 2.259
VS= 2.568
GS= 2.813

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.960	.815	.757
MINIMUM X	:	-1.299	-.486	-.544
MAXIMUM Y	:	1.632	.955	.860
MINIMUM Y	:	-.936	-.754	-.611
CENTROID X	:	-.235	-.090	-.032
CENTROID Y	:	.002	-.180	-.085
POA TO CENTROID in.	:	.235	.201	.091
MIN RADIUS	:	.177	.076	.182
MEAN RADIUS	:	.723	.519	.491
MAX RADIUS	:	2.086	1.003	.895
HORIZONTAL SPREAD	:	2.259	1.301	1.301
VERTICAL SPREAD	:	2.568	1.709	1.471
EXTREME SPREAD	:	2.813	1.876	1.505
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		9	

SWS ENDURANCE TEST REPORT

SERIAL NO. C6611430 SHOOTER _____ DATE April 4, 1991

	AMMO CODE	AMMO TYPE	RDS.	RESULTS	OBSERVATIONS
60		7.62	60	OK NF AC	NONE (Target)
90		7.62	30	OK S-21-PC	NONE TEST
120		7.62	30	OK	NONE TEST
150		7.62	30	OK	NONE TEST
180		7.62	30	OK	NONE TEST
210		7.62	30	OK	NONE TEST
240		7.62	30	OK	NONE TEST
270		7.62	30	OK	NONE TEST
300		7.62	30	OK	NONE TEST
330		7.62	30	OK	NONE TEST
360		7.62	30	OK	NONE TEST
390		7.62	30	OK	NONE TEST
420		7.62	30	OK	NONE TEST
440		7.62	20	OK	NONE TEST
			440	TOTAL	
500		7.62	60	OK S-21-91NF	NONE (TARGET)
560		7.62	60	OK S-21-91KB	NONE TEST
620		7.62	60	OK	NONE TEST
680		7.62	60	OK	NONE TEST
740		7.62	60	OK	NONE TEST
800		7.62	60	OK	NONE TEST
			400	TOTAL	

SWS ENDURANCE TEST REPORT

SERIAL NO. LC6611430 SHOOTER _____ DATE 5-22

	AMMO CODE	AMMO TYPE	RDS.	RESULTS	OBSERVATIONS
830		7.62	30	OK 5-21 PS	NONE TEST
860		7.62	30	OK	NONE TEST
890		7.62	30	OK	NONE TEST
920		7.62	30	OK	NONE TEST
950		7.62	30	OK	NONE TEST
980		7.62	30	OK	NONE TEST
1010		7.62	30	OK	NONE TEST
1040		7.62	30	OK	NONE TEST
1070		7.62	30	OK	NONE TEST
1100		7.62	30	OK	NONE TEST
1130		7.62	30	OK	NONE TEST
1160		7.62	30	OK	NONE TEST
1190		7.62	30	OK	NONE TEST
1220		7.62	30	OK	NONE TEST
1250		7.62	30	OK	NONE TEST
1280		7.62	30	OK	NONE TEST
1300		7.62	20	OK	NONE TEST
			1300	TOTAL	
1330		7.62	30	OK 5-23 PC	NONE TEST
1360		7.62	30	OK	NONE TEST
1390		7.62	30	OK	NONE TEST
1420		7.62	30	OK	NONE TEST
			1420	TOTAL	

SWS ENDURANCE TEST REPORT

SERIAL NO. C6611430 SHOOTER _____ DATE 5-23

	AMMO CODE	AMMO TYPE	RDS.	RESULTS	OBSERVATIONS
1450		7.62	30	OK 5-23 P.C.	NONE TEST
1480		7.62	30	OK	NONE TEST
1510		7.62	30	OK	NONE TEST
1540		7.62	30	OK	NONE TEST
1570		7.62	30	OK	NONE TEST
1600		7.62	30	OK	NONE TEST
1630		7.62	30	OK	NONE TEST
1660		7.62	30	OK	NONE TEST
1690		7.62	30	OK	NONE TEST
1720		7.62	30	OK	NONE TEST
1750		7.62	30	OK	NONE TEST
1780		7.62	30	OK	NONE TEST
1800		7.62	20	OK	NONE TEST
			1800	TOTAL	
1830		7.62	30	OK 5-24 P.C.	NONE TEST
1860		7.62	30	OK	NONE TEST
1890		7.62	30	OK	NONE TEST
1920		7.62	30	OK	NONE TEST
1950		7.62	30	OK	NONE TEST
1980		7.62	30	OK	NONE TEST
2010		7.62	30	OK	NONE TEST
2040		7.62	30	OK	NONE
			2040	TOTAL	

SWS ENDURANCE TEST REPORT

SERIAL NO. C66N1430 SHOOTER _____ DATE 5-24

	AMMO CODE	AMMO TYPE	RDS.	RESULTS	OBSERVATIONS
2070		7.62	30	OK 5-24 P.C.	NONE TEST
2100		7.62	30	OK	NONE TEST
2130		7.62	30	OK	NONE TEST
2160		7.62	30	OK	NONE TEST
2190		7.62	30	OK	NONE TEST
2220		7.62	30	OK	NONE TEST
2250		7.62	30	OK	NONE TEST
2280		7.62	30	OK	NONE TEST
2300		7.62	20	OK	NONE TEST
			2300	TOTAL	
2360		7.62	60	OK 5-24-91 KB	NONE TEST
2420		7.62	60	OK	NONE TEST
2480		7.62	60	OK	NONE TEST
2500		7.62	20	OK	NONE TEST
			2500	OK	MAGNAFLUX
2530		7.62	30	OK 2-28 P.C.	NONE TEST
2560		7.62	30	OK	NONE TEST
2590		7.62	30	OK	NONE TEST
2620		7.62	30	OK	NONE TEST
2650		7.62	30	OK	NONE TEST
2680		7.62	30	OK	NONE TEST
2710		7.62	30	OK	NONE TEST
			2710	TOTAL	

SWS ENDURANCE TEST REPORT

SERIAL NO. C6611430 SHOOTER _____ DATE 5-28-91

	AMMO CODE	AMMO TYPE	RDS.	RESULTS	OBSERVATIONS
2740		7.62	30	OK 5-28 PC	NONE TEST
2770		7.62	30	OK	NONE TEST
2800		7.62	30	OK	NONE TEST
			2800	TOTAL	
		7.62	60	OK R.B.	NONE
		7.62	60	O.K. R.B.	NONE
		7.62	60	OK. RB	NONE
3040		7.62	60	OK R.B.	NONE
			3040	TOTAL 5/28/91 R.B.	
3070		7.62	30	OK 5-29 P.C.	NONE TEST
3100		7.62	30	OK	NONE TEST
3130		7.62	30	OK	NONE TEST
3160		7.62	30	OK	NONE TEST
3190		7.62	30	OK	NONE TEST
3220		7.62	30	OK	NONE TEST
3250		7.62	30	OK	NONG TEST
3280		7.62	30	OK	NONE TEST
3310		7.62	30	OK	NONE TEST
3340		7.62	30	OK	NONE TEST
3370		7.62	30	OK	NONE TEST
3400		7.62	30	OK	NONE TEST
3430		7.62	30	OK	NONE TEST
			3430	TOTAL	

SWS ENDURANCE TEST REPORT

SERIAL NO. CG611430 SHOOTER _____ DATE 5-29

	AMMO CODE	AMMO TYPE	RDS.	RESULTS	OBSERVATIONS
3460	~~7.62~~	7.62	30	OK 5-29 PC.	NONE TEST
3490		7.62	30	OK	NONE TEST
3520		7.62	30	OK	NONE TEST
3540		7.62	20	OK	NONE TEST
			3540	TOTAL	
3600		7.62	60	OK. 5-29 KB	NONE TEST
3660		7.62	60	OK	NONE TEST
3720		7.62	60	OK	NONE TEST
3740		7.62	20	OK	NONE TEST
			3740	TOTAL	
3770		7.62	30	OK 5-30 PC.	NONE TEST
3800		7.62	30	OK	NONE TEST
3830		7.62	30	OK	NONE TEST
3860		7.62	30	OK	NONE TEST
3890		7.62	30	OK	NONE TEST
3920		7.62	30	OK	NONE TEST
3950		7.62	30	OK	NONE TEST
3980		7.62	30	OK	NONE TEST
4010		7.62	30	OK	NONE TEST
4040		7.62	30	OK	NONE TEST
4070		7.62	30	OK	NONE TEST
4100		7.62	30	OK	NONE TEST
			4100	TOTAL	

Sheet 7 of 12

SWS ENDURANCE TEST REPORT

SERIAL NO. C66 11430 SHOOTER _____ DATE 5-30

	AMMO CODE	AMMO TYPE	RDS.	RESULTS	OBSERVATIONS
4130		7.62	30	OK 5-30 P.C.	NONE TEST
4160		7.62	30	OK	NONE TEST
4190		7.62	30	OK	NONE TEST
4220		7.62	30	OK	NONE TEST
4240		7.62	20	OK	NONE TEST
			4240	TOTAL	
4300		7.62	60	OK 5-30 KB	NONE TEST
4360		7.62	60	OK	NONE TEST
4420		7.62	60	OK	NONE TEST
4480		7.62	60	OK	NONE TEST
4500		7.62	20	OK	NONE TEST
			4500	TOTAL	
			60	TARGET & test	5-31-91 AC
			4560	TOTAL	
4590		7.62	30	OK 5-31 P.C.	NONE TEST
4620		7.62	30	OK	NONE TEST
4640		7.62	30	OK	NONE TEST
			4640	TOTAL	
4670		7.62	30	OK 6-1 P.C.	NONE TEST
4700		7.62	30	OK	NONE TEST
4730		7.62	30	OK	NONE TEST
4760		7.62	30	OK	NONE TEST
			4760	TOTAL	

SWS ENDURANCE TEST REPORT

SERIAL NO. C661430 SHOOTER _____ DATE 6-1

	AMMO CODE	AMMO TYPE	RDS.	RESULTS	OBSERVATIONS
4790		7.62	30	OK 6 pc	NONE TEST
4820		7.62	30	OK	NONE TEST
4850		7.62	30	OK	NONE TEST
4880		7.62	30	OK	NONE TEST
4910		7.62	30	OK	NONE TEST
4940		7.62	30	OK	NONE TEST
			4940	TOTAL	
	T+A.	6/1/91	60	AF	
			5000	Total	MAGNAFLUX
5060		7.62	60	OK 6 pc.	NONE TEST
5120		7.62	60	OK	NONE TEST
5180		7.62	60	OK	NONE TEST
5240		7.62	60	OK	NONE TEST
5300		7.62	60	OK	NONE TEST
5360		7.62	60	OK	NONE TEST
5420		7.62	60	OK	NONE TEST
5480		7.62	60	OK	NONE TEST
5540		7.62	60	OK	NONE TEST
5600		7.62	60	OK	NONE TEST
			5600	TOTAL	
5660		7.62	60	OK 6-4 pc.	NONE TEST
5720		7.62	60	OK	NONE TEST
			5720	TOTAL	

SWS ENDURANCE TEST REPORT

SERIAL NO. C6611430 SHOOTER _____ DATE 6-4

	AMMO CODE	AMMO TYPE	RDS.	RESULTS	OBSERVATIONS
5780		7.62	60	OK 6-4 PC	NONE TEST
5840		7.62	60	OK	NONE TEST
5900		7.62	60	OK	NONE TEST
5960		7.62	60	OK	NONE TEST
6000		7.62	40	OK	NONE TEST
			6000	TOTAL	MAGNAFLUX
6060		7.62	60	OK 6-4 PC	NONE TEST
6120		7.62	60	OK	NONE TEST
6180		7.62	60	OK	NONE TEST
6200		7.62	20	OK	NONE TEST
			6200	TOTAL	
6260		7.62	60	OK 6-5 PC	NONE TEST
6320		7.62	60	OK	NONE TEST
6380		7.62	60	OK	NONE TEST
6440		7.62	60	OK	NONE TEST
6500		7.62	60	OK	NONE TEST
6560		7.62	60	OK	NONE TEST
6620		7.62	60	OK	NONE TEST
6680		7.62	60	OK	NONE TEST
6740		7.62	60	OK	NONE TEST
6800		7.62	60	OK	NONE TEST
6860		7.62	60	OK	NONE TEST
			6860	TOTAL	

SWS ENDURANCE TEST REPORT

SERIAL NO. C6611430 SHOOTER _____ DATE 6-5

AMMO CODE	AMMO TYPE	RDS.	RESULTS	OBSERVATIONS
6920	7.62	60	OK 6-5 PC	NONE TEST
6980	7.62	60	OK	NONE TEST
7000	7.62	20	OK	NONE TEST
		7000	TOTAL	MAGNAFLUX
7060	7.62	60	OK 6-6 PC	NONE TEST
7120	7.62	60	OK	NONE TEST
7180	7.62	60	OK	NONE TEST
7200	7.62	20	OK	NONE TEST
		7200	TOTAL	
7260	7.62	60	OK 6-7 PC	NONE TEST
7320	7.62	60	OK	NONE TEST
7380	7.62	60	OK	NONE TEST
7440	7.62	60	OK	NONE TEST
7500	7.62	60	OK	NONE TEST
7560	7.62	60	OK	NONE TEST
7620	7.62	60	OK	NONE TEST
7680	7.62	60	OK	NONE TEST
7740	7.62	60	OK	NONE TEST
7760	7.62	20	OK	NONE TEST
		7760	TOTAL	
7820	7.62	60	KB	NONE TEST
7880	7.62	60		NONE TEST
		7880	TOTAL	

SWS ENDURANCE TEST REPORT

SERIAL NO. C6611430 SHOOTER _____ DATE 6-7

	AMMO CODE	AMMO TYPE	RDS.	RESULTS	OBSERVATIONS
7940		7.62	60	OK 6-7 KB	NONE TEST
8000		7.62	60	OK	NONE
			8000	TOTAL	MAGNAFLUX
8060		7.62	60	OK 6pc	NONE TEST
8120		7.62	60	OK	NONE TEST
8180		7.62	60	OK	NONE TEST
8240		7.62	60	OK	NONE TEST
8300		7.62	60	OK	NONE TEST
8360		7.62	60	OK	NONE TEST
8420		7.62	60	OK	NONE TEST
8480		7.62	60	OK	NONE TEST
8540		7.62	60	OK	NONE TEST
8600		7.62	60	OK	NONE TEST
8660		7.62	60	OK	NONE TEST
8700		7.62	40	OK	NONE TEST
			8700	TOTAL	
8760		7.62	60	OK 6-10pc	NONE TEST
8820		7.62	60	OK	NONE TEST
8880		7.62	60	OK	NONE TEST
8940		7.62	60	OK	NONE TEST
9000		7.62	60	OK	NONE TEST
			9000	TOTAL	

SWS ENDURANCE TEST REPORT

SERIAL NO. C661430 SHOOTER _____ DATE 6-10

	AMMO CODE	AMMO TYPE	RDS.	RESULTS	OBSERVATIONS
9000		7.62		MAGNAFLUX	
			9000	TOTAL	
9060		7.62	60	ok 6-10 KB	NONE TEST
9120		7.62	60	ok	NONE TEST
			9120	TOTAL	
9180		7.62	60	OK 6-11 KC	NONE TEST
9240		7.62	60	OK	NONE TEST
9300		7.62	60	OK	NONE TEST
9360		7.62	60	OK	NONE TEST
9420		7.62	60	OK	NONE TEST
9480		7.62	60	OK	NONE TEST
9540		7.62	60	OK	NONE TEST
9600		7.62	60	OK	NONE TEST
9660		7.62	60	OK	NONE TEST
9720		7.62	60	OK	NONE TEST
9780		7.62	60	OK	NONE TEST
9840		7.62	60	OK	NONE TEST
9900		7.62	60	OK	NONE TEST
9960		7.62	60	OK	NONE TEST
10,000		7.62	40	OK	NONE TEST
			10,000	TOTAL	
				OK Complete	6/11/91

QP 0041

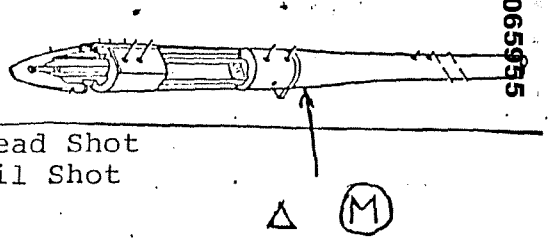
Endurance B/A & Bolt
#C-66 11430

PART NUMBER C-66 11 430

MAGNETIC PARTICLE INSPECTION

PART NAME Final Bbl.Assem. MATERIAL Bbl. Rem.Spec.#155-Rec.Spec.4137M OPERATION NUMBER 615

METHOD	SINGLE PARTS			MULTIPLE PARTS			SKETCH AND/OR REMARKS
	HEAD SHOT	HEAD SHOT CENTRAL CONDUCTOR	COIL SHOT	HEAD SHOT CENTRAL CONDUCTOR	COIL SHOT IN BASKET	AMPERES	
NON-FLUORSECENT CONTINUOUS WET							
FLUORESCENT CONTINUOUS WET	Yes		Yes (2 Overlapping)			900-1100-Head Shot 600-800-Coil Shot	
NON-FLUORESCENT RESIDUAL WET							
FLUORESCENT RESIDUAL WET							



APPROVAL:
INSP. _____ LEV III _____
DATE: _____ DATE: _____

STAMPING

STEEL STAMP ON. Triangular stamp (△) and letter "M" circled

OTHER Location-right side near Receiver.

ACCEPTANCE STANDARD

No Indications acceptable in the Locking Lug area of Receiver or chamber area of Bbl.

PROCEDURE:

1. All parts must be cleaned before testing.
2. All parts shall be satisfactorally demagnetized after all magnetization has been completed.
3. The magnetic substance shall be completely removed from all parts after inspection and demagnetization.
4. All accepted parts must be marked with a mangaflux stamp, acid etch, or ink stamp (If the part is too small or is a critical part, contact inspection supervisor).
5. Parts having indications not acceptable shall be segregated and identified, and are to be reviewed by Metallurgy and inspection groups.
6. All areas to be inspected 100%.
7. Inspection to be performed by a certified Level I, acceptance or rejection of product will be done by a certified Level II, or Level III.

USE BACK SIDE OF THIS CARD TO RECORD EACH LOT INSPECTED.
ALL BLOCKS MUST BE PROPERLY FILLED IN.

LEV III. Karl C. Rice
INSP. 8158-8096

FORM QP-0041-1 "B" Stamp

Endurance B/A & Bolt

QP 0041 # C- 66 11 430

Rds Fired

DATE	~~MFG.~~ ORDER NO.	QUANTITY	SERIAL #	QUANTITY OF PARTS ACCEPTED	QUANTITY OF PARTS REJECTED
5-28-91	2,500	1		1	0
6-3-91	5,000	1		1	0
6-4-91	6,000	1		1	0
6-5-91	7,000	1		1	0
6-6-91	8,000	1	ACTUAL MAGNAFLUX 7760 RDS	1	0
6-7-91	9,000	1		1	0
6-12-91	10,000	1		1	0

OK
6/12/91