

Sheet1

No Electrical Load

cup weight	oz.	grams	cup weight
	0.15	4.25	
 # weights			 # weights
0	0.15	4.25 no fall	0
1+nickel		damped	1
1	0.50	14.17 damped	2
1+2 dimes		damped	2+nickel
1+n+d			3
1+d+4 microchip		damped	3+nickel
1+d+5 microchip		damped	4
1+d+6 microchip		critical	5
		critical	
2	0.80	42.52 critical	
3	1.15	0.00 critical	
3+nickel		critical	
3+nickel+1m		critical	
3+nickel+2m		critical	
3+nickel+3m		v. critical/fall	
3+nickel+4m		fall	
3+nickel+dime		fall	
4	1.50	0.00 fall	
5	1.85	0.00	
	in.	mm	
disc radius to string		0.00	
	oz.	grams	
disc mass:	1.75	0.00	
	in.	mm	
disc radius		0.00	

Sheet1

Single 2.2 Ohm Load

oz.	grams
0.15	4.25
0.15	4.25 no fall
0.50	14.17 no fall
0.80	22.68 damped
	damped
1.15	32.60 critical
	critical
1.50	42.52 fall
1.85	52.45

Single Lead Shorted

	oz.	grams
cup weight	0.15	4.25
batt weight	0.00	0.00
# weights		
0	0.15	4.25
1	0.50	14.17
2	0.80	22.68
3		
3+nickel	1.15	32.60
4	1.50	42.52
5	1.85	52.45

Sheet1

One Lead Shorted, 1 2.2 Ohm Load

		oz.	grams	
	cup weight	0.15	4.25	
	batt weight	0.00	0.00	
	# weights			
no fall	0	0.15	4.25	
no fall	1	0.50	14.17	
no fall	2	0.80	22.68	damped
no fall	3			
sl. critical	3+nickel	1.15	32.60	subcritical
	3+pochahontas			
	3+2 dimes			very critical
	4	1.50	42.52	critical
	4+nickel			critical
	5	1.85	52.45	fall
fall				
	time			
	1.88s			
	peaks			
			10	
				pos peaks per
				200

Both Leads Shorted

	oz.	grams
cup weight	0.15	4.25
batt weight	0.00	0.00
# weights		
0	0.15	4.25
1	0.50	14.17
2	0.80	22.68
3		damped
3+nickel	1.15	32.60 critical
4	1.50	42.52 fall
5	1.85	52.45
batt+wtg		
0		0.00
1		0.00
2		0.00
3		0.00
4		0.00
5		0.00

rotation