

t	a(t) (tangential, fpsps)	v ² /r (radial, fpsps)	a(t) (radial, fpsps)	r(t) (feet)	ax(t) (fpsps)	ay(t) (fpsps)	x(t) (feet)	y(t) (feet)	vx(t) (mph)	vy(t) (mph)	v (mph)	parameters
0.00	0.00	32.00	32.00	167.50	-15.41	28.05	48.15	-87.65	43.75	24.03	49.92	r0 100 feet
0.05	0.25	32.00	31.82	168.52	-15.71	27.67	51.32	-85.81	43.23	24.99	49.93	r_1 200 feet
0.10	0.49	31.98	31.64	169.60	-16.01	27.30	54.45	-83.91	42.69	25.93	49.95	r 167.5 feet
0.15	0.74	31.97	31.47	170.75	-16.29	26.93	57.54	-81.94	42.14	26.86	49.98	alpha 28.78 degrees
0.20	0.98	31.94	31.29	171.97	-16.56	26.56	60.59	-79.90	41.59	27.78	50.01	h 59.16 feet
0.25	1.23	31.91	31.11	173.27	-16.82	26.20	63.60	-77.80	41.02	28.69	50.06	w 100 feet
0.30	1.48	31.86	30.93	174.63	-17.07	25.84	66.56	-75.63	40.45	29.58	50.11	k 3.25 seconds
0.35	1.72	31.81	30.76	176.07	-17.30	25.48	69.49	-73.40	39.87	30.46	50.17	v0 49.92 mph
0.40	1.97	31.76	30.58	177.59	-17.53	25.13	72.37	-71.10	39.28	31.33	50.24	amax 16 fpsps
0.45	2.22	31.69	30.40	179.18	-17.74	24.78	75.20	-68.74	38.68	32.19	50.32	deltat 0.05 seconds
0.50	2.46	31.62	30.22	180.86	-17.95	24.44	78.00	-66.32	38.08	33.03	50.41	g 32 fpsps
0.55	2.71	31.54	30.04	182.61	-18.14	24.10	80.74	-63.83	37.46	33.87	50.50	k_unwind 9.00 seconds
0.60	2.95	31.45	29.87	184.44	-18.32	23.77	83.45	-61.29	36.85	34.69	50.60	
0.65	3.20	31.35	29.69	186.36	-18.50	23.44	86.10	-58.69	36.22	35.50	50.72	
0.70	3.45	31.25	29.51	188.37	-18.66	23.12	88.71	-56.02	35.59	36.30	50.84	
0.75	3.69	31.14	29.33	190.46	-18.81	22.81	91.28	-53.30	34.95	37.09	50.96	
0.80	3.94	31.02	29.16	192.64	-18.96	22.50	93.79	-50.53	34.31	37.86	51.10	
0.85	4.18	30.89	28.98	194.92	-19.10	22.19	96.26	-47.69	33.67	38.63	51.24	
0.90	4.43	30.75	28.80	197.29	-19.22	21.90	98.68	-44.81	33.02	39.39	51.39	
0.95	4.68	30.60	28.62	199.75	-19.35	21.61	101.05	-41.86	32.36	40.13	51.55	
1.00	4.92	30.45	28.44	202.32	-19.46	21.32	103.38	-38.87	31.70	40.87	51.72	
1.05	5.17	30.28	28.27	204.99	-19.56	21.05	105.66	-35.82	31.04	41.60	51.90	
1.10	5.42	30.11	28.09	207.76	-19.66	20.78	107.88	-32.71	30.37	42.31	52.09	
1.15	5.66	29.93	27.91	210.64	-19.75	20.52	110.06	-29.56	29.70	43.02	52.28	
1.20	5.91	29.74	27.73	213.63	-19.84	20.26	112.19	-26.35	29.03	43.72	52.48	
1.25	6.15	29.54	27.56	216.73	-19.92	20.01	114.27	-23.09	28.35	44.41	52.69	
1.30	6.40	29.33	27.38	219.94	-19.99	19.77	116.30	-19.79	27.67	45.09	52.91	
1.35	6.65	29.11	27.20	223.28	-20.05	19.54	118.28	-16.43	26.99	45.77	53.13	
1.40	6.89	28.88	27.02	226.74	-20.11	19.32	120.21	-13.03	26.31	46.44	53.37	
1.45	7.14	28.64	26.84	230.32	-20.17	19.10	122.09	-9.57	25.62	47.09	53.61	
1.50	7.38	28.39	26.67	234.03	-20.22	18.89	123.91	-6.07	24.93	47.74	53.86	
1.55	7.63	28.13	26.49	237.88	-20.26	18.69	125.69	-2.52	24.24	48.39	54.12	
1.60	7.88	27.85	26.31	241.86	-20.31	18.49	127.42	1.07	23.55	49.03	54.39	
1.65	8.12	27.57	26.13	245.98	-20.34	18.31	129.10	4.71	22.86	49.66	54.67	
1.70	8.37	27.27	25.96	250.25	-20.37	18.13	130.72	8.40	22.17	50.28	54.95	
1.75	8.62	26.96	25.78	254.66	-20.40	17.96	132.30	12.13	21.47	50.90	55.24	
1.80	8.86	26.64	25.60	259.23	-20.43	17.79	133.82	15.91	20.78	51.51	55.54	
1.85	9.11	26.31	25.42	263.96	-20.45	17.64	135.29	19.73	20.08	52.12	55.85	
1.90	9.35	25.96	25.24	268.84	-20.47	17.49	136.71	23.60	19.38	52.72	56.17	
1.95	9.60	25.60	25.07	273.90	-20.48	17.35	138.08	27.51	18.69	53.32	56.49	
2.00	9.85	25.22	24.89	279.12	-20.49	17.22	139.40	31.46	17.99	53.91	56.83	
2.05	10.09	24.83	24.71	284.52	-20.50	17.09	140.67	35.46	17.29	54.49	57.17	
2.10	10.34	24.42	24.42	291.42	-20.40	16.94	141.89	39.50	16.59	55.08	57.52	
2.15	10.58	24.00	24.00	300.30	-20.17	16.77	143.05	43.58	15.90	55.65	57.88	
2.20	10.83	23.55	23.55	309.84	-19.91	16.60	144.17	47.70	15.21	56.23	58.25	
2.25	11.08	23.09	23.09	320.12	-19.63	16.45	145.23	51.87	14.53	56.79	58.62	
2.30	11.32	22.61	22.61	331.24	-19.32	16.32	146.25	56.07	13.86	57.35	59.00	
2.35	11.57	22.10	22.10	343.30	-18.98	16.19	147.22	60.32	13.20	57.91	59.39	

2.40	11.82	21.58	21.58	356.43	-18.62	16.08	148.14	64.61	12.55	58.46	59.79
2.45	12.06	21.03	21.03	370.78	-18.22	15.99	149.01	68.93	11.92	59.01	60.20
2.50	12.31	20.45	20.45	386.55	-17.79	15.90	149.84	73.30	11.30	59.55	60.62
2.55	12.55	19.84	19.84	403.98	-17.33	15.83	150.63	77.71	10.69	60.10	61.04
2.60	12.80	19.20	19.20	423.36	-16.84	15.78	151.37	82.15	10.10	60.64	61.47
2.65	13.05	18.53	18.53	445.08	-16.30	15.74	152.07	86.64	9.53	61.17	61.91
2.70	13.29	17.81	17.81	469.63	-15.71	15.72	152.72	91.17	8.97	61.71	62.36
2.75	13.54	17.05	17.05	497.70	-15.08	15.71	153.34	95.73	8.44	62.25	62.82
2.80	13.78	16.25	16.25	530.20	-14.39	15.71	153.92	100.33	7.92	62.78	63.28
2.85	14.03	15.38	15.38	568.45	-13.64	15.73	154.47	104.98	7.43	63.32	63.75
2.90	14.28	14.45	14.45	614.37	-12.81	15.76	154.98	109.66	6.97	63.85	64.23
2.95	14.52	13.43	13.43	671.01	-11.89	15.80	155.46	114.38	6.53	64.39	64.72
3.00	14.77	12.31	12.31	743.39	-10.87	15.86	155.91	119.14	6.12	64.93	65.22
3.05	15.02	11.05	11.05	840.70	-9.70	15.93	156.33	123.95	5.75	65.47	65.72
3.10	15.26	9.61	9.61	982.08	-8.33	16.00	156.73	128.79	5.42	66.01	66.24
3.15	15.51	7.88	7.88	1217.01	-6.66	16.07	157.10	133.67	5.14	66.56	66.76
3.20	15.75	5.59	5.59	1741.72	-4.43	16.12	157.46	138.59	4.91	67.11	67.29
3.25	16.00	0.00	0.00	#####	0.00	15.96	157.81	143.55	4.76	67.66	67.82
3.30	16.00	0.00	0.00	#DIV/0!	0.00	15.96	158.16	148.55	4.76	68.20	68.37
3.35	16.00	0.00	0.00	#DIV/0!	0.00	15.96	158.51	153.59	4.76	68.74	68.91
3.40	16.00	0.00	0.00	#DIV/0!	0.00	15.96	158.86	158.67	4.76	69.29	69.45
3.45	16.00	0.00	0.00	#DIV/0!	0.00	15.96	159.21	163.79	4.76	69.83	69.99
3.50	16.00	0.00	0.00	#DIV/0!	0.00	15.96	159.56	168.96	4.76	70.38	70.54
3.55	16.00	0.00	0.00	#DIV/0!	0.00	15.96	159.91	174.16	4.76	70.92	71.08
3.60	16.00	0.00	0.00	#DIV/0!	0.00	15.96	160.26	179.40	4.76	71.47	71.62
3.65	16.00	0.00	0.00	#DIV/0!	0.00	15.97	160.61	184.68	4.76	72.01	72.17
3.70	16.00	0.00	0.00	#DIV/0!	0.00	15.97	160.95	190.00	4.76	72.55	72.71
3.75	16.00	0.00	0.00	#DIV/0!	0.00	15.97	161.30	195.36	4.76	73.10	73.25
3.80	16.00	0.00	0.00	#DIV/0!	0.00	15.97	161.65	200.76	4.76	73.64	73.80
3.85	16.00	0.00	0.00	#DIV/0!	0.00	15.97	162.00	206.20	4.76	74.19	74.34
3.90	16.00	0.00	0.00	#DIV/0!	0.00	15.97	162.35	211.68	4.76	74.73	74.88
3.95	16.00	0.00	0.00	#DIV/0!	0.00	15.97	162.70	217.20	4.76	75.28	75.43
4.00	16.00	0.00	0.00	#DIV/0!	0.00	15.97	163.05	222.76	4.76	75.82	75.97
4.05	16.00	0.00	0.00	#DIV/0!	0.00	15.97	163.40	228.36	4.76	76.36	76.51
4.10	16.00	0.00	0.00	#DIV/0!	0.00	15.97	163.75	234.00	4.76	76.91	77.06
4.15	16.00	0.00	0.00	#DIV/0!	0.00	15.97	164.10	239.68	4.76	77.45	77.60
4.20	16.00	0.00	0.00	#DIV/0!	0.00	15.97	164.45	245.40	4.76	78.00	78.14
4.25	16.00	0.00	0.00	#DIV/0!	0.00	15.97	164.79	251.16	4.76	78.54	78.69
4.30	16.00	0.00	0.00	#DIV/0!	0.00	15.97	165.14	256.96	4.76	79.09	79.23
4.35	16.00	0.00	0.00	#DIV/0!	0.00	15.97	165.49	262.80	4.76	79.63	79.77
4.40	16.00	0.00	0.00	#DIV/0!	0.00	15.97	165.84	268.68	4.76	80.17	80.32
4.45	16.00	0.00	0.00	#DIV/0!	0.00	15.97	166.19	274.60	4.76	80.72	80.86
4.50	16.00	0.00	0.00	#DIV/0!	0.00	15.97	166.54	280.56	4.76	81.26	81.40
4.55	16.00	0.00	0.00	#DIV/0!	0.00	15.97	166.89	286.56	4.76	81.81	81.95
4.60	16.00	0.00	0.00	#DIV/0!	0.00	15.97	167.24	292.60	4.76	82.35	82.49
4.65	16.00	0.00	0.00	#DIV/0!	0.00	15.97	167.59	298.67	4.76	82.90	83.03
4.70	16.00	0.00	0.00	#DIV/0!	0.00	15.97	167.94	304.79	4.76	83.44	83.58
4.75	16.00	0.00	0.00	#DIV/0!	0.00	15.97	168.29	310.95	4.76	83.99	84.12
4.80	16.00	0.00	0.00	#DIV/0!	0.00	15.97	168.64	317.15	4.76	84.53	84.67
4.85	16.00	0.00	0.00	#DIV/0!	0.00	15.98	168.98	323.39	4.76	85.08	85.21
4.90	16.00	0.00	0.00	#DIV/0!	0.00	15.98	169.33	329.67	4.76	85.62	85.75

4.95	16.00	0.00	0.00	#DIV/0!	0.00	15.98	169.68	335.99	4.76	86.17	86.30
5.00	16.00	0.00	0.00	#DIV/0!	0.00	15.98	170.03	342.35	4.76	86.71	86.84
5.05	16.00	0.00	0.00	#DIV/0!	0.00	15.98	170.38	348.75	4.76	87.25	87.38
5.10	16.00	0.00	0.00	#DIV/0!	0.00	15.98	170.73	355.18	4.76	87.80	87.93
5.15	16.00	0.00	0.00	#DIV/0!	0.00	15.98	171.08	361.66	4.76	88.34	88.47
5.20	16.00	0.00	0.00	#DIV/0!	0.00	15.98	171.43	368.18	4.76	88.89	89.02
5.25	16.00	0.00	0.00	#DIV/0!	0.00	15.98	171.78	374.74	4.76	89.43	89.56
5.30	16.00	0.00	0.00	#DIV/0!	0.00	15.98	172.13	381.34	4.76	89.98	90.10
5.35	16.00	0.00	0.00	#DIV/0!	0.00	15.98	172.48	387.98	4.76	90.52	90.65
5.40	16.00	0.00	0.00	#DIV/0!	0.00	15.98	172.82	394.65	4.76	91.07	91.19
5.45	16.00	0.00	0.00	#DIV/0!	0.00	15.98	173.17	401.37	4.76	91.61	91.74
5.50	16.00	0.00	0.00	#DIV/0!	0.00	15.98	173.52	408.13	4.76	92.16	92.28
5.55	16.00	0.00	0.00	#DIV/0!	0.00	15.98	173.87	414.93	4.76	92.70	92.82
5.60	16.00	0.00	0.00	#DIV/0!	0.00	15.98	174.22	421.77	4.76	93.25	93.37
5.65	16.00	0.00	0.00	#DIV/0!	0.00	15.98	174.57	428.64	4.76	93.79	93.91
5.70	16.00	0.00	0.00	#DIV/0!	0.00	15.98	174.92	435.56	4.76	94.34	94.46
5.75	16.00	0.00	0.00	#DIV/0!	0.00	15.98	175.27	442.52	4.76	94.88	95.00
5.80	16.00	0.00	0.00	#DIV/0!	0.00	15.98	175.62	449.52	4.76	95.42	95.54
5.85	16.00	0.00	0.00	#DIV/0!	0.00	15.98	175.97	456.56	4.76	95.97	96.09
5.90	16.00	0.00	0.00	#DIV/0!	0.00	15.98	176.32	463.63	4.76	96.51	96.63
5.95	16.00	0.00	0.00	#DIV/0!	0.00	15.98	176.67	470.75	4.76	97.06	97.18
6.00	16.00	0.00	0.00	#DIV/0!	0.00	15.98	177.01	477.91	4.76	97.60	97.72
6.05	16.00	0.00	0.00	#DIV/0!	0.00	15.98	177.36	485.11	4.76	98.15	98.26
6.10	16.00	0.00	0.00	#DIV/0!	0.00	15.98	177.71	492.34	4.76	98.69	98.81
6.15	16.00	0.00	0.00	#DIV/0!	0.00	15.98	178.06	499.62	4.76	99.24	99.35
6.20	16.00	0.00	0.00	#DIV/0!	0.00	15.98	178.41	506.94	4.76	99.78	99.90
6.25	16.00	0.00	0.00	#DIV/0!	0.00	15.98	178.76	514.30	4.76	100.33	100.44
6.30	16.00	0.00	0.00	#DIV/0!	0.00	15.98	179.11	521.69	4.76	100.87	100.99
6.35	16.00	0.00	0.00	#DIV/0!	0.00	15.98	179.46	529.13	4.76	101.42	101.53
6.40	16.00	0.00	0.00	#DIV/0!	0.00	15.98	179.81	536.61	4.76	101.96	102.07
6.45	16.00	0.00	0.00	#DIV/0!	0.00	15.98	180.16	544.13	4.76	102.51	102.62
6.50	16.00	0.00	0.00	#DIV/0!	0.00	15.98	180.51	551.68	4.76	103.05	103.16
6.55	16.00	0.00	0.00	#DIV/0!	0.00	15.98	180.85	559.28	4.76	103.60	103.71
6.60	16.00	0.00	0.00	#DIV/0!	0.00	15.98	181.20	566.92	4.76	104.14	104.25
6.65	16.00	0.00	0.00	#DIV/0!	0.00	15.98	181.55	574.59	4.76	104.69	104.80
6.70	16.00	0.00	0.00	#DIV/0!	0.00	15.98	181.90	582.31	4.76	105.23	105.34
6.75	16.00	0.00	0.00	#DIV/0!	0.00	15.98	182.25	590.07	4.76	105.78	105.88
6.80	16.00	0.00	0.00	#DIV/0!	0.00	15.98	182.60	597.87	4.76	106.32	106.43
6.85	16.00	0.00	0.00	#DIV/0!	0.00	15.98	182.95	605.70	4.76	106.87	106.97
6.90	16.00	0.00	0.00	#DIV/0!	0.00	15.98	183.30	613.58	4.76	107.41	107.52
6.95	16.00	0.00	0.00	#DIV/0!	0.00	15.98	183.65	621.50	4.76	107.96	108.06
7.00	16.00	0.00	0.00	#DIV/0!	0.00	15.98	184.00	629.45	4.76	108.50	108.61
7.05	16.00	0.00	0.00	#DIV/0!	0.00	15.98	184.35	637.45	4.76	109.05	109.15
7.10	16.00	0.00	0.00	#DIV/0!	0.00	15.98	184.70	645.49	4.76	109.59	109.69
7.15	16.00	0.00	0.00	#DIV/0!	0.00	15.99	185.04	653.56	4.76	110.14	110.24
7.20	16.00	0.00	0.00	#DIV/0!	0.00	15.99	185.39	661.68	4.76	110.68	110.78
7.25	16.00	0.00	0.00	#DIV/0!	0.00	15.99	185.74	669.84	4.76	111.23	111.33
7.30	16.00	0.00	0.00	#DIV/0!	0.00	15.99	186.09	678.03	4.76	111.77	111.87
7.35	16.00	0.00	0.00	#DIV/0!	0.00	15.99	186.44	686.27	4.76	112.32	112.42
7.40	16.00	0.00	0.00	#DIV/0!	0.00	15.99	186.79	694.55	4.76	112.86	112.96
7.45	16.00	0.00	0.00	#DIV/0!	0.00	15.99	187.14	702.86	4.76	113.41	113.51

7.50	16.00	0.00	0.00	#DIV/0!	0.00	15.99	187.49	711.22	4.76	113.95	114.05
7.55	16.00	0.00	0.00	#DIV/0!	0.00	15.99	187.84	719.62	4.76	114.50	114.59
7.60	16.00	0.00	0.00	#DIV/0!	0.00	15.99	188.19	728.05	4.76	115.04	115.14
7.65	16.00	0.00	0.00	#DIV/0!	0.00	15.99	188.54	736.53	4.76	115.59	115.68
7.70	16.00	0.00	0.00	#DIV/0!	0.00	15.99	188.88	745.04	4.76	116.13	116.23
7.75	16.00	0.00	0.00	#DIV/0!	0.00	15.99	189.23	753.60	4.76	116.68	116.77
7.80	16.00	0.00	0.00	#DIV/0!	0.00	15.99	189.58	762.20	4.76	117.22	117.32
7.85	16.00	0.00	0.00	#DIV/0!	0.00	15.99	189.93	770.83	4.76	117.77	117.86
7.90	16.00	0.00	0.00	#DIV/0!	0.00	15.99	190.28	779.51	4.76	118.31	118.41
7.95	16.00	0.00	0.00	#DIV/0!	0.00	15.99	190.63	788.22	4.76	118.86	118.95
8.00	16.00	0.00	0.00	#DIV/0!	0.00	15.99	190.98	796.98	4.76	119.40	119.50
8.05	16.00	0.00	0.00	#DIV/0!	0.00	15.99	191.33	805.78	4.76	119.95	120.04
8.10	16.00	0.00	0.00	#DIV/0!	0.00	15.99	191.68	814.61	4.76	120.49	120.59
8.15	16.00	0.00	0.00	#DIV/0!	0.00	15.99	192.03	823.49	4.76	121.04	121.13
8.20	16.00	0.00	0.00	#DIV/0!	0.00	15.99	192.38	832.40	4.76	121.58	121.67
8.25	16.00	0.00	0.00	#DIV/0!	0.00	15.99	192.73	841.36	4.76	122.13	122.22
8.30	16.00	0.00	0.00	#DIV/0!	0.00	15.99	193.07	850.36	4.76	122.67	122.76
8.35	16.00	0.00	0.00	#DIV/0!	0.00	15.99	193.42	859.39	4.76	123.22	123.31
8.40	16.00	0.00	0.00	#DIV/0!	0.00	15.99	193.77	868.47	4.76	123.76	123.85
8.45	16.00	0.00	0.00	#DIV/0!	0.00	15.99	194.12	877.58	4.76	124.31	124.40
8.50	16.00	0.00	0.00	#DIV/0!	0.00	15.99	194.47	886.74	4.76	124.85	124.94
8.55	16.00	0.00	0.00	#DIV/0!	0.00	15.99	194.82	895.94	4.76	125.40	125.49
8.60	16.00	0.00	0.00	#DIV/0!	0.00	15.99	195.17	905.17	4.76	125.94	126.03
8.65	16.00	0.00	0.00	#DIV/0!	0.00	15.99	195.52	914.45	4.76	126.49	126.58
8.70	16.00	0.00	0.00	#DIV/0!	0.00	15.99	195.87	923.76	4.76	127.03	127.12
8.75	16.00	0.00	0.00	#DIV/0!	0.00	15.99	196.22	933.12	4.76	127.58	127.67
8.80	16.00	0.00	0.00	#DIV/0!	0.00	15.99	196.57	942.51	4.76	128.12	128.21
8.85	16.00	0.00	0.00	#DIV/0!	0.00	15.99	196.91	951.95	4.76	128.67	128.75
8.90	16.00	0.00	0.00	#DIV/0!	0.00	15.99	197.26	961.43	4.76	129.21	129.30
8.95	16.00	0.00	0.00	#DIV/0!	0.00	15.99	197.61	970.94	4.76	129.76	129.84
9.00	16.00	0.00	0.00	#DIV/0!	0.00	15.99	197.96	980.50	4.76	130.30	130.39
9.05	16.00	0.00	0.00	#DIV/0!	0.00	15.99	198.31	990.09	4.76	130.85	130.93
9.10	16.00	0.00	0.00	#DIV/0!	0.00	15.99	198.66	999.73	4.76	131.39	131.48
9.15	16.00	0.00	0.00	#DIV/0!	0.00	15.99	199.01	1009.40	4.76	131.94	132.02
9.20	16.00	0.00	0.00	#DIV/0!	0.00	15.99	199.36	1019.12	4.76	132.48	132.57
9.25	16.00	0.00	0.00	#DIV/0!	0.00	15.99	199.71	1028.87	4.76	133.03	133.11
9.30	16.00	0.00	0.00	#DIV/0!	0.00	15.99	200.06	1038.67	4.76	133.57	133.66
9.35	16.00	0.00	0.00	#DIV/0!	0.00	15.99	200.41	1048.50	4.76	134.12	134.20
9.40	16.00	0.00	0.00	#DIV/0!	0.00	15.99	200.76	1058.38	4.76	134.66	134.75
9.45	16.00	0.00	0.00	#DIV/0!	0.00	15.99	201.10	1068.29	4.76	135.21	135.29
9.50	16.00	0.00	0.00	#DIV/0!	0.00	15.99	201.45	1078.25	4.76	135.75	135.84
9.55	16.00	0.00	0.00	#DIV/0!	0.00	15.99	201.80	1088.24	4.76	136.30	136.38
9.60	16.00	0.00	0.00	#DIV/0!	0.00	15.99	202.15	1098.28	4.76	136.84	136.93
9.65	16.00	0.00	0.00	#DIV/0!	0.00	15.99	202.50	1108.36	4.76	137.39	137.47
9.70	16.00	0.00	0.00	#DIV/0!	0.00	15.99	202.85	1118.47	4.76	137.93	138.02
9.75	16.00	0.00	0.00	#DIV/0!	0.00	15.99	203.20	1128.63	4.76	138.48	138.56
9.80	16.00	0.00	0.00	#DIV/0!	0.00	15.99	203.55	1138.82	4.76	139.02	139.11
9.85	16.00	0.00	0.00	#DIV/0!	0.00	15.99	203.90	1149.06	4.76	139.57	139.65
9.90	16.00	0.00	0.00	#DIV/0!	0.00	15.99	204.25	1159.33	4.76	140.11	140.20
9.95	16.00	0.00	0.00	#DIV/0!	0.00	15.99	204.60	1169.65	4.76	140.66	140.74
10.00	16.00	0.00	0.00	#DIV/0!	0.00	15.99	204.94	1180.00	4.76	141.20	141.28

10.05	16.00	0.00	0.00	#DIV/0!	0.00	15.99	205.29	1190.40	4.76	141.75	141.83
10.10	16.00	0.00	0.00	#DIV/0!	0.00	15.99	205.64	1200.83	4.76	142.29	142.37
10.15	16.00	0.00	0.00	#DIV/0!	0.00	15.99	205.99	1211.31	4.76	142.84	142.92
10.20	16.00	0.00	0.00	#DIV/0!	0.00	15.99	206.34	1221.82	4.76	143.39	143.46
10.25	16.00	0.00	0.00	#DIV/0!	0.00	15.99	206.69	1232.38	4.76	143.93	144.01
10.30	16.00	0.00	0.00	#DIV/0!	0.00	15.99	207.04	1242.97	4.76	144.48	144.55
10.35	16.00	0.00	0.00	#DIV/0!	0.00	15.99	207.39	1253.60	4.76	145.02	145.10
10.40	16.00	0.00	0.00	#DIV/0!	0.00	15.99	207.74	1264.28	4.76	145.57	145.64
10.45	16.00	0.00	0.00	#DIV/0!	0.00	15.99	208.09	1274.99	4.76	146.11	146.19
10.50	16.00	0.00	0.00	#DIV/0!	0.00	15.99	208.44	1285.75	4.76	146.66	146.73
10.55	16.00	0.00	0.00	#DIV/0!	0.00	15.99	208.79	1296.54	4.76	147.20	147.28
10.60	16.00	0.00	0.00	#DIV/0!	0.00	15.99	209.13	1307.38	4.76	147.75	147.82
10.65	16.00	0.00	0.00	#DIV/0!	0.00	15.99	209.48	1318.25	4.76	148.29	148.37
10.70	16.00	0.00	0.00	#DIV/0!	0.00	15.99	209.83	1329.17	4.76	148.84	148.91
10.75	16.00	0.00	0.00	#DIV/0!	0.00	15.99	210.18	1340.12	4.76	149.38	149.46
10.80	16.00	0.00	0.00	#DIV/0!	0.00	15.99	210.53	1351.12	4.76	149.93	150.00
10.85	16.00	0.00	0.00	#DIV/0!	0.00	15.99	210.88	1362.15	4.76	150.47	150.55
10.90	16.00	0.00	0.00	#DIV/0!	0.00	15.99	211.23	1373.23	4.76	151.02	151.09
10.95	16.00	0.00	0.00	#DIV/0!	0.00	15.99	211.58	1384.34	4.76	151.56	151.64