Table 6-1. Pibal Time vs. Height Table

MINUTE	Assumed HT ABOVE SFC (METERS) 30gram/100gram	SECONDS	ASSUMED HEIGHT(FT) 30g/100g
0			SURFACE
1	216/350	60	700/1150
2	414/670	120	1350/2200
3	612/980	180	2000/3200
4	801/1285	240	2630/4300
5	990/1585	300	3250/5400
6	1170/1880	360	3850/6200
7	1350/2170	420	4430/7100
8	1530/2455	480	5350/8050
9	1710/2740	540	5600/9000
10	1890/3020	600	6200/9900
11	2070/3300	660	6800/10800
12	2250/3580	720	7400/11750
13	2430/3855	780	8000/12650
14	2610/4130	840	8550/13550
15	2790/4405	900	9150/14450
16	2970/4675	960	9750/15300
17	3150/4945	1020	10300/16200
18	3330/5215	1080	10900/17100
19	3510/5485	1140	11500/18000
20	3690/5755	1200	12100/19000
21	3870/6025	1260	12700/19800
22	4050/6296	1320	13300/20650
23	4230/6565	1380	13900/21500
24	4410/6835	1440	14500/22400
25	4590/7105	1500	15000/23300
26	4770/7375	1560	16600/24200
27	4950/7645	1620	16200/25000
28	5130/7915	1680	16800/26000
29	5310/8186	1740	17400/26850
30	5490/8455	1800	18000/27800

Note: This Table is valid for an ascent rate of approximately 300 meters per minute. To achieve this the following Combined Inflation Nozzle and Counterweight free lift values are recommended.

		Helium	Hydrogen
30 Gram Balloons	Day	139 grams	125 grams
	Night	192 grams w/light	170 grams w/light
100 Gram Balloons	Day	515 grams	450 grams
	Night	552 grams w/light	482 grams w/light