## Raspberry Pi - P-HAB ( High-Altitude Balloon)

1. 04 Jun 2014 Balloon Launch
2. 06 Jul 2014 Balloon launch more photos from sky
3. 13 Jul 2014 Balloon launch function test fly
4. 20 Jul 2014 Balloon launch function test fly
5. 27 Jul 2014 Balloon launch function test fly

## 3. 13 Jul 2014 Balloon Launch

This is function test fly, for test cut down (software) function will work in 8000M? also test the on board temperature sensor and Raspberry pi without extra protection, under cool temperature
still working?

1. The cutdown work at 8000 M , (software setting, you can change)
2. BoardTemp -36 Raspberry Pi \& P-HAB board still working.

P-HAB signal


P-HAB signal reach at 25639.3m and drop and landed about 21:55


at 20:16:08 reach $\mathbf{1 4 5 8 9 . 5 M}$

at 20:54:46 reach 21167.8M


at 21:55:25 drop to 364M
log file, short data mode send back
time, count, latitude, longitude, satellites, flightmode, board_temp, ext_temp, altitude, cutdown
19:32:17,220,52.290456,-1.631995,10,1,1.00,-14.60,7984.6,0
21:20:06,561,51.75966,-1.250715,11,1,-33.00,-40.40,25639.3,1
21:34:19,606,51.67725,-1.192295,10,1,-36.00,-42.00,10392.0,1
hab-13-jul-2014-log.txt - Notepad
File Edit Format View Help
$21: 15: 59,548,51.757395,-1.227665,10,1,-33.00,-40.50,24946.5,1$
$21: 16: 18,549,51.757083,-1.229743,10,1,-33.00,-40.50,25000.8,1$
$21: 16: 37,550,51.756906,-1.232138,10,1,-33.00,-40.50,25051.8,1$
$21: 16: 56,551,51.75683,-1.234675,10,1,-33.00,-40.50,25102.5,1$
$21: 17: 15,552,51.756871,-1.237226,10,1,-33.00,-40.50,25151.2,1$
$21: 17: 34,553,51.756921,-1.239488,10,1,-33.00,-40.50,25199.6,1$
$21: 17: 53,554,51.756966,-1.24138,10,1,-33.00,-40.50,25249.7,1$
$21: 18: 12,555,51.757165,-1.242785,11,1,-33.00,-40.50,25298.7,1$
$21: 18: 31,556,51.757623,-1.244378,11,1,-33.00,-40.50,25350.5,1$
$21: 18: 50,557,51.758128,-1.245776,11,1,-33.00,-40.50,25403.1,1$
$21: 19: 09,558,51.758501,-1.24726,11,1,-33.00,-40.50,25460.4,1$
$21: 19: 28,559,51.758931,-1.248418,11,1,-33.00,-40.50,25522.0,1$
$21: 19: 47,560,51.759266,-1.249611,11,1,-33.00,-40.50,25580.0,1$
$21: 20: 06,561,51.75966,-1.250715,11,1,-33.00,-40.40,25639.3,1$
$21: 20: 25,562,51.759976,-1.251938,11,1,-33.00,-40.40,25276.6,1$
$21: 20: 44,563,51.759963,-1.253785,11,1,-33.00,-40.50,24684.1,1$
$21: 21: 03,564,51.760266,-1.255266,11,1,-33.00,-40.50,24113.0,1$
$21: 21: 22,565,51.76021,-1.25708,11,1,-33.00,-40.50,23554.7,1$
$21: 21: 41,566,51.760346,-1.25797,09,1,-33.00,-40.60,23015.9,1$
$21: 22: 00,567,51.760583,-1.259441,11,1,-33.00,-40.70,22496.1,1$
$21: 22: 19,568,51.760548,-1.261015,11,1,-33.00,-40.80,21994.3,1$
$21: 22: 38,569,51.761145,-1.262526,11,1,-33.00,-40.80,21511.2,1$
$\leqslant$

