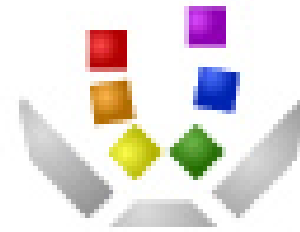




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UNIVERSITY



UNISEC

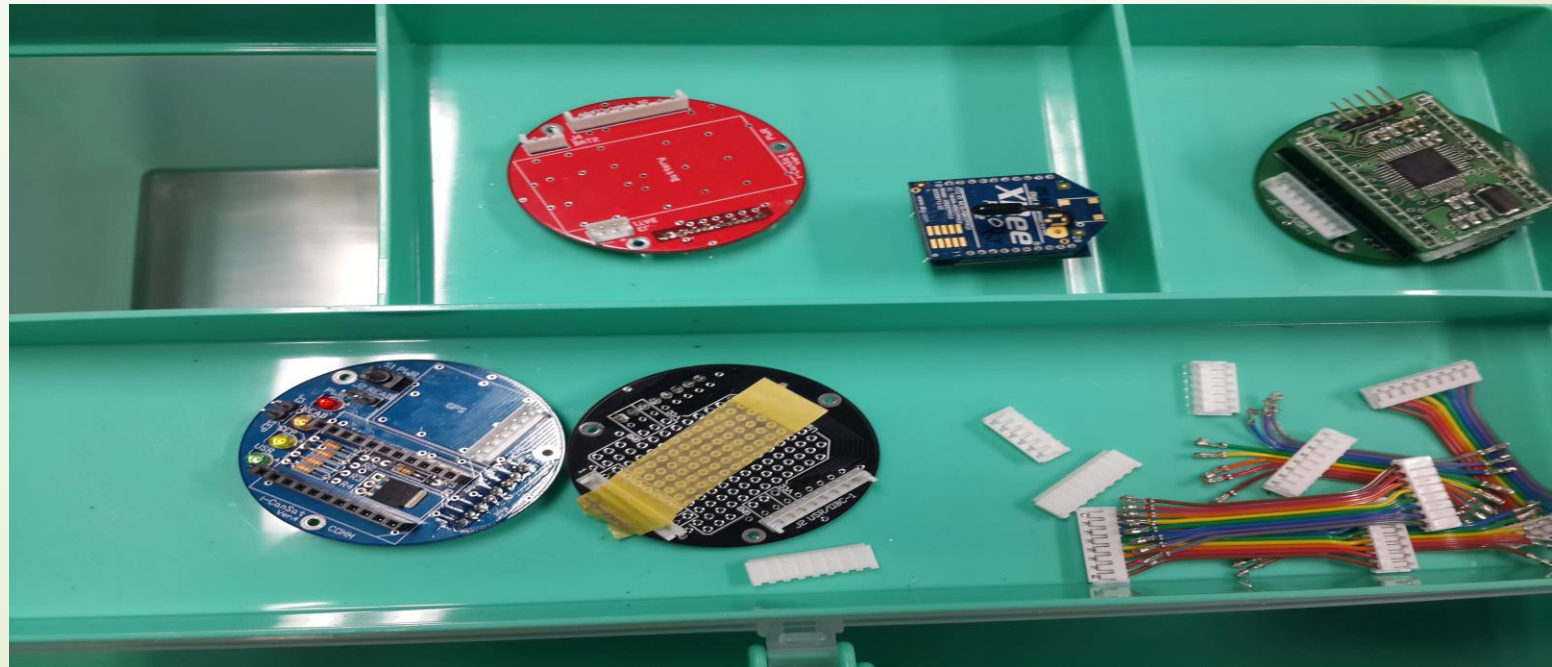
University Space Engineering Consortium

CLTP5

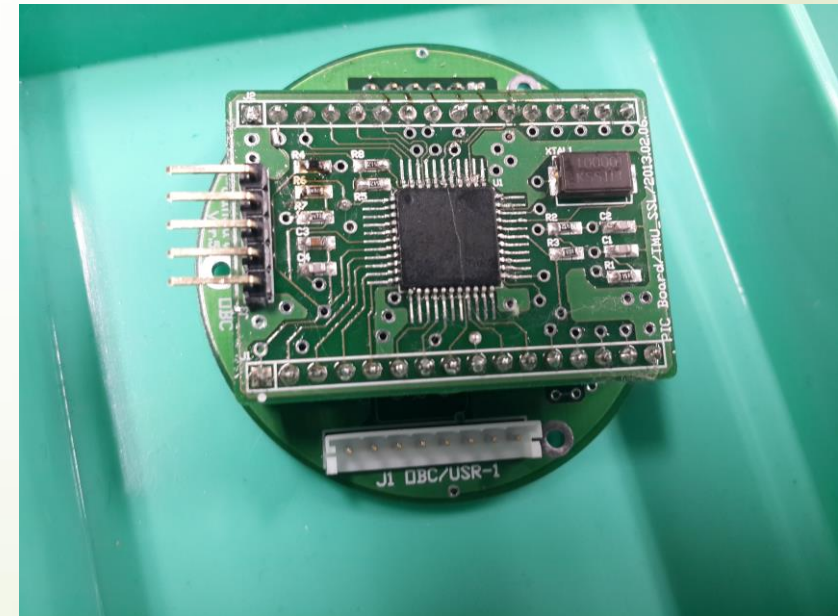
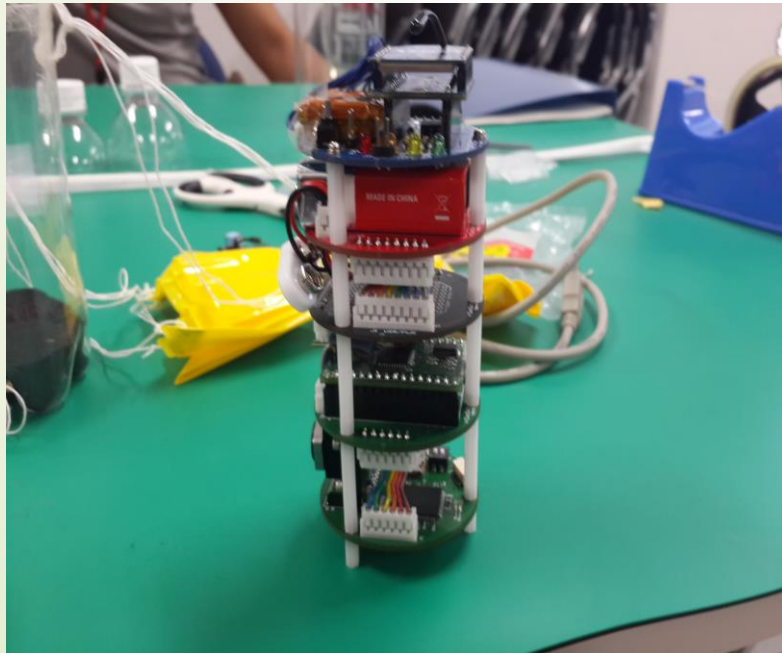
CanSat --- Guillermo Wenceslao Zarate Segura

Final Review

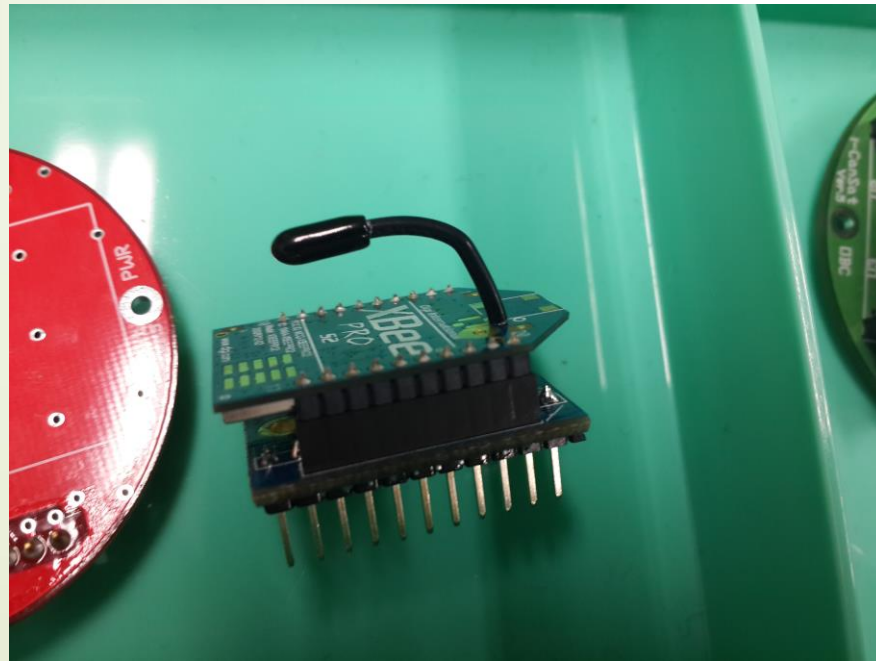
- ▶ We start following some instructions and we follow the steps from cansat's guide.
- ▶ We start soldering some resistor, capacitor, and memory chip.



- The next day, we continue soldering some other layer of CanSat: wired connections.
- Later, we assemble all parts. I had many problems trying to solder the CPU.

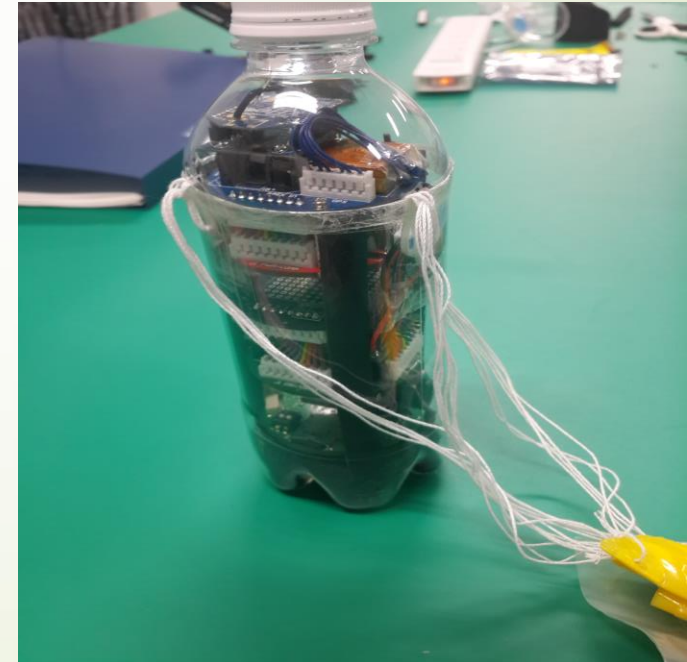


- We made some mechanics thing about the cam's protection.
- Later we start to do some test in Xbee, ground station and the programming.

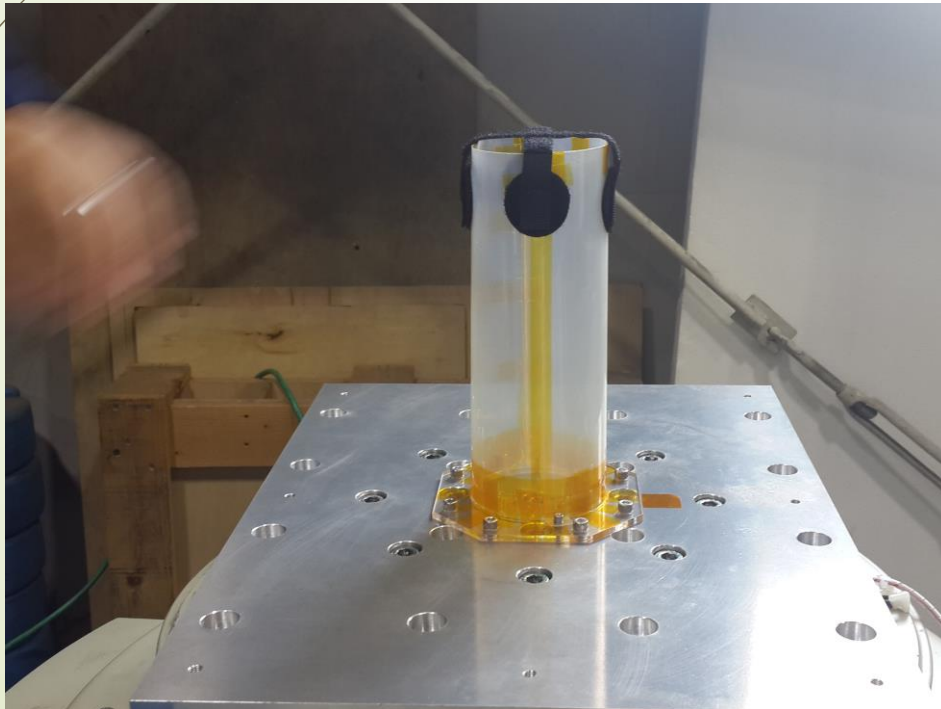


The fourth day we have assemble all cansat. And we test the comuncations using the gps.

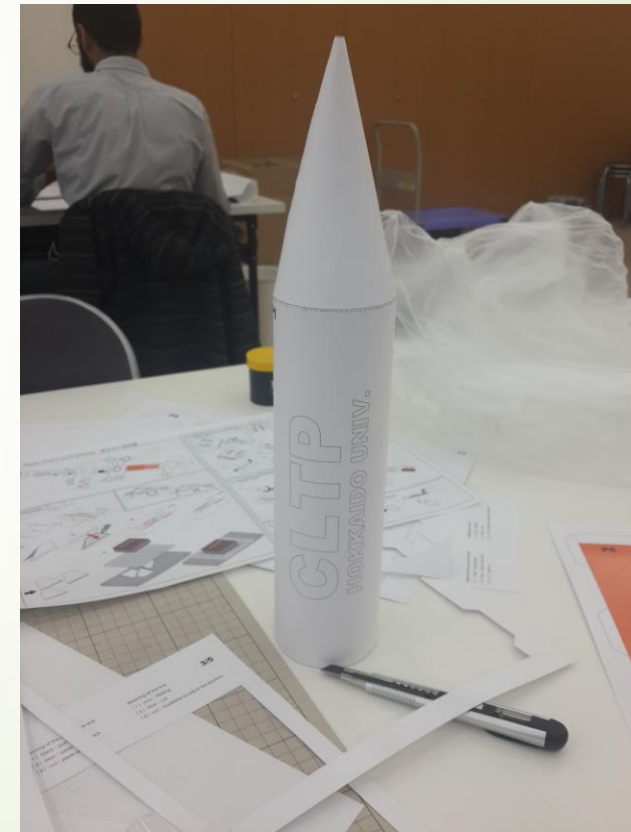
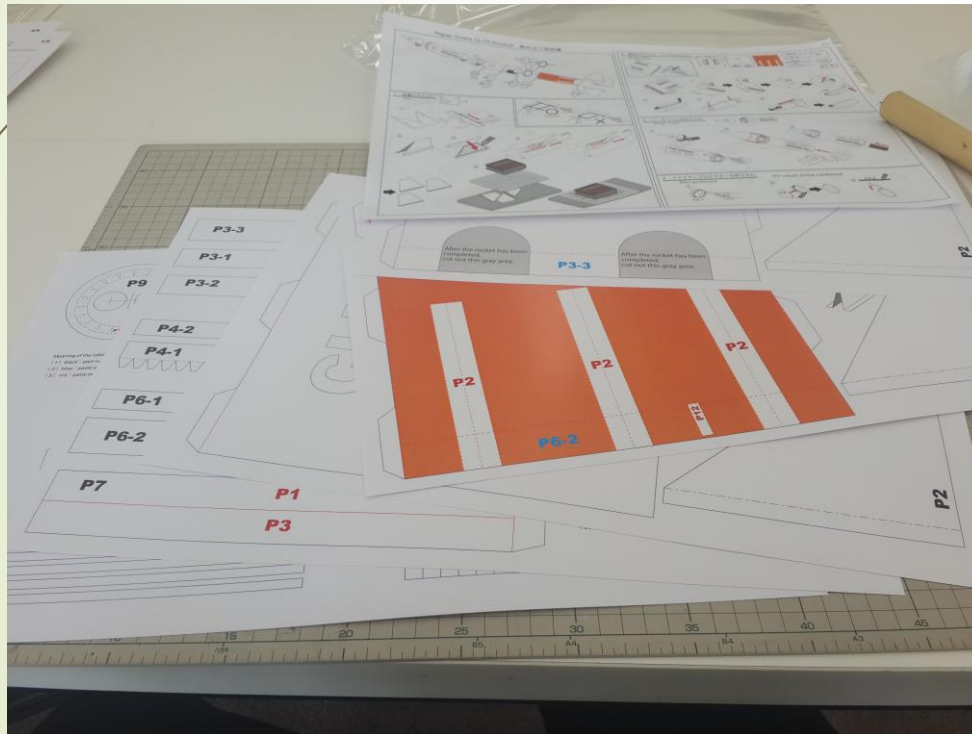
Later, we cut some bottles and tie up the parachutes in the bottles for cansat's launch.



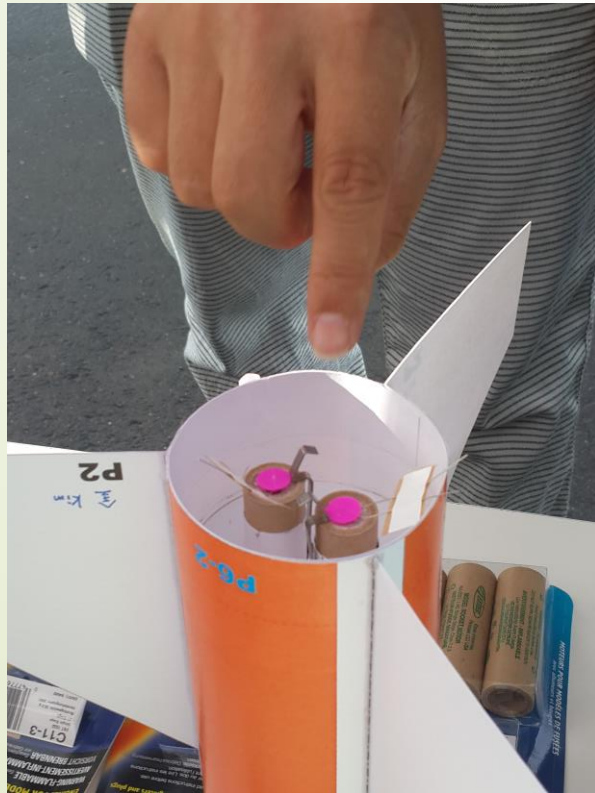
- We tested our cansat in some vibration tests, shock test, and random.
- We tested our cansat in a thermal camera.



➤ We made our paper rocket.

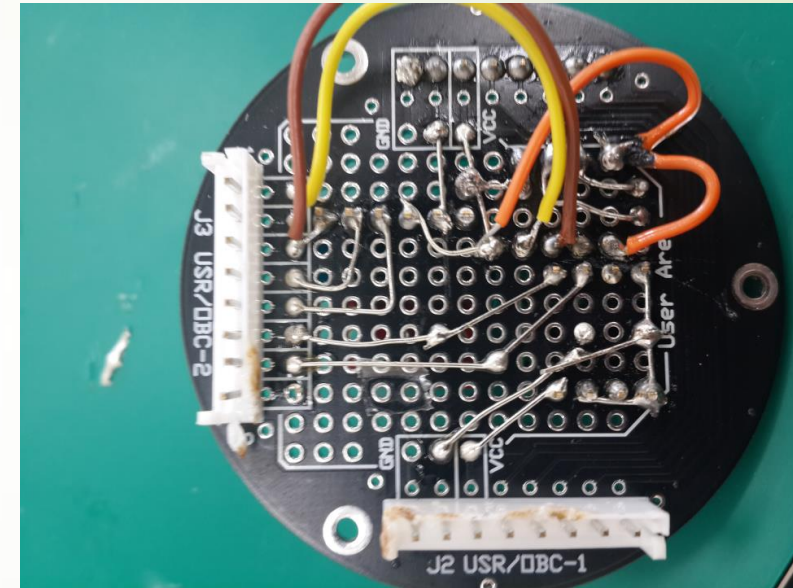
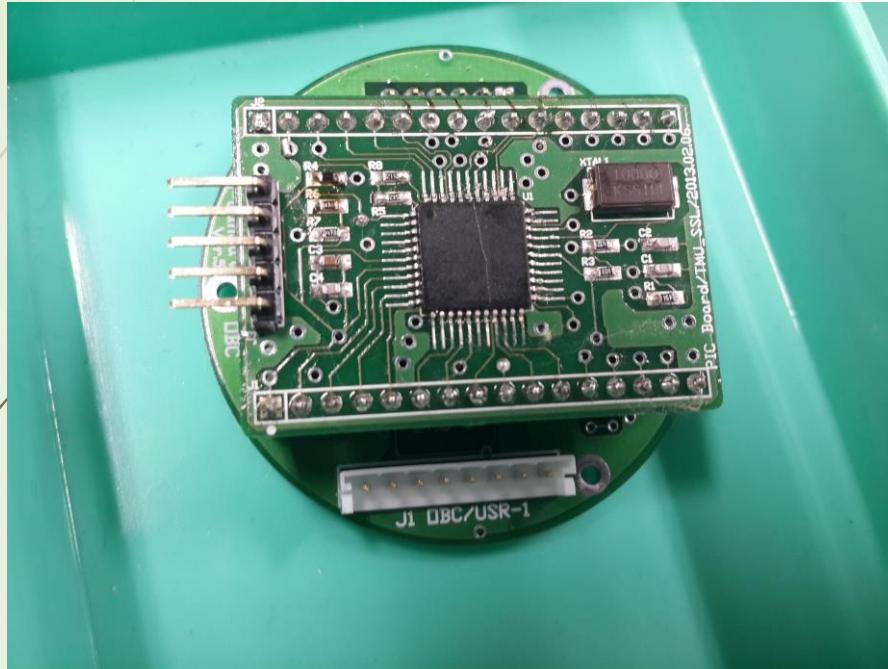


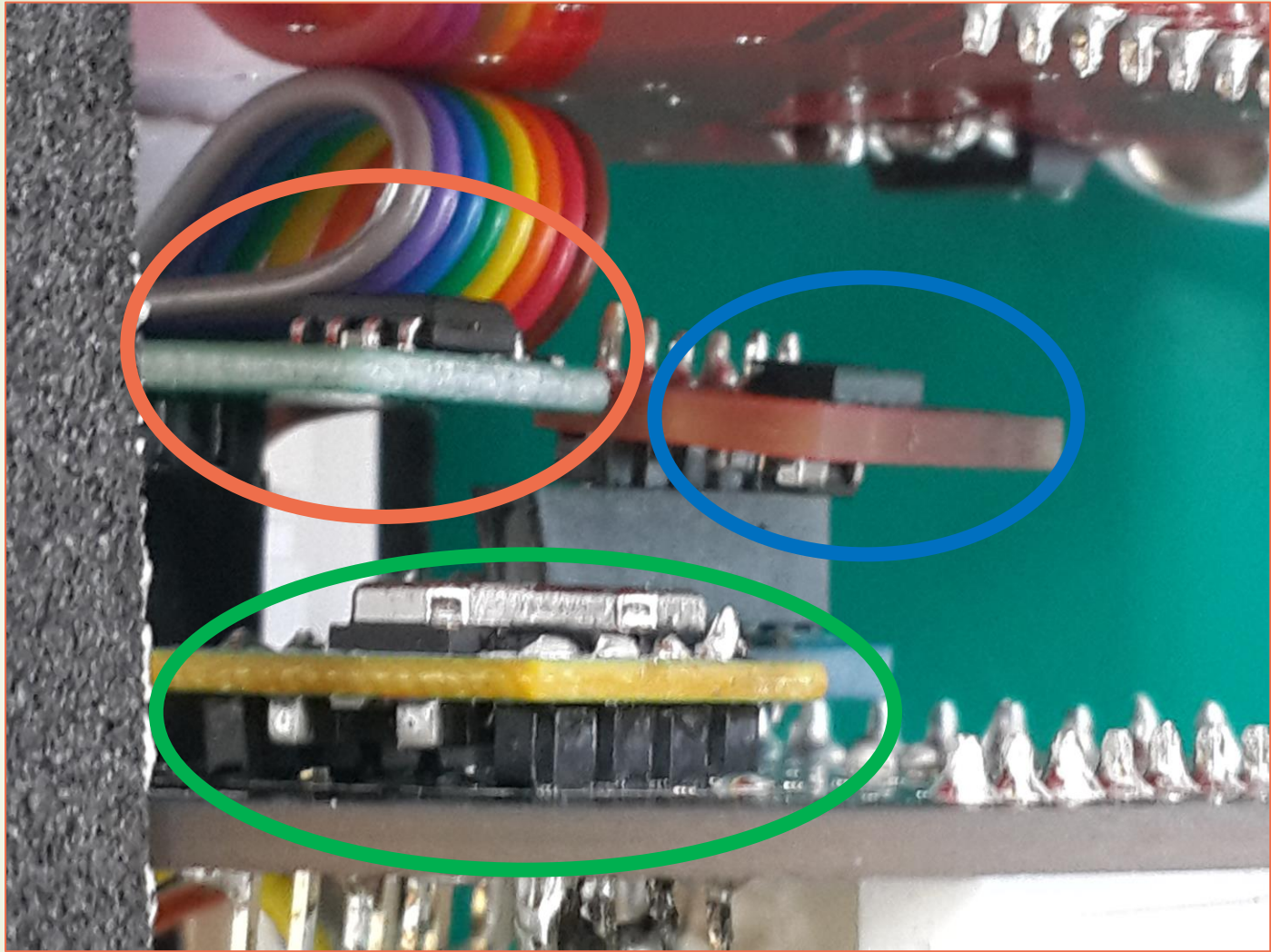
- We launch our Cansat in the rocket.

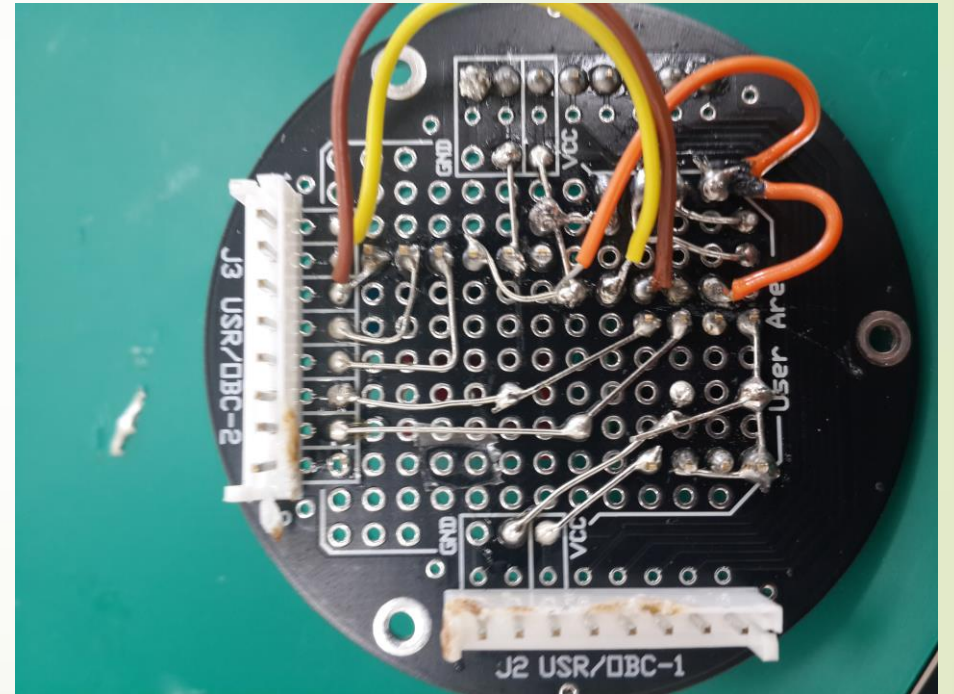
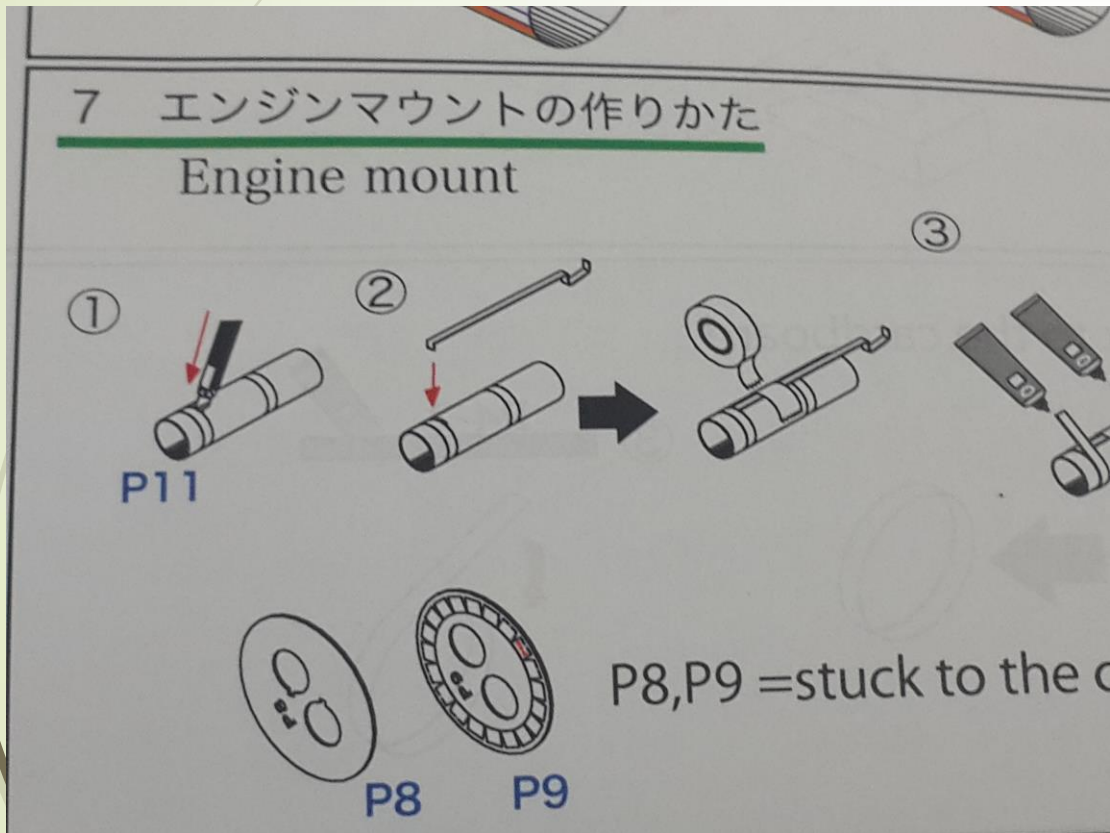




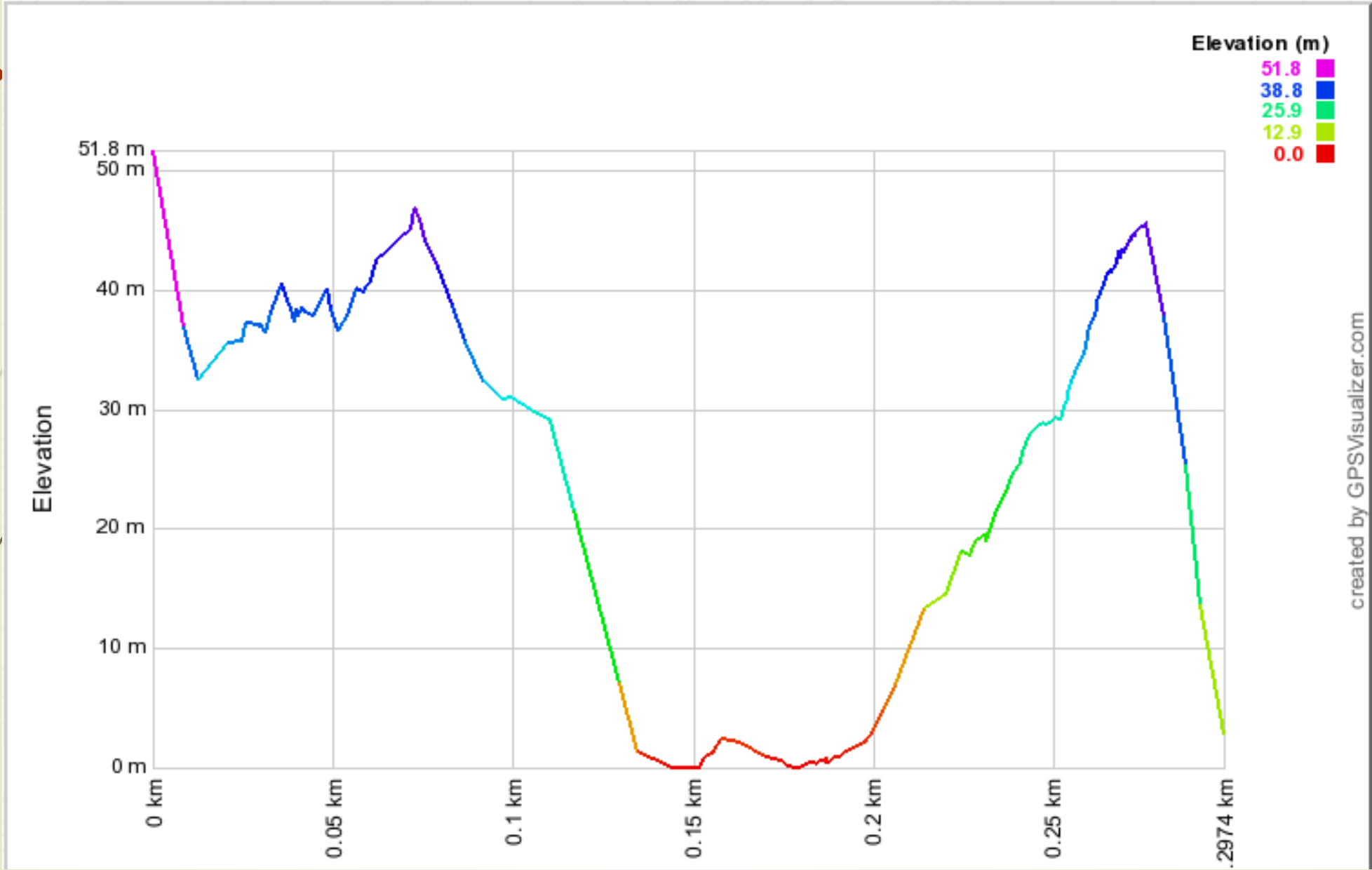
Some Mistakes







type	time	latitude	longitude	altitude (m)	sat	hdop	fix	name
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new_file_guillermo								
T	2014-09-18 02:05:44.117	43.579181667	141.999580000	36.9	6	2.7	1	
T	2014-09-18 02:05:46.117	43.579145000	141.999571667	32.5	4	5.4	1	
T	2014-09-18 02:05:48.117	43.579073333	141.999595000	35.5	3	5.4	1	
T	2014-09-18 02:05:50.117	43.579110000	141.999590000	35.7	3	5.4	1	
T	2014-09-18 02:05:52.117	43.579111667	141.999578333	37.2	4	2.9	1	
T	2014-09-18 02:05:54.117	43.579110000	141.999580000	37.3	4	2.9	1	
T	2014-09-18 02:05:56.117	43.579115000	141.999576667	37.3	4	2.9	1	
T	2014-09-18 02:05:58.117	43.579120000	141.999573333	37.2	6	2.7	1	
T	2014-09-18 02:06:00.117	43.579123333	141.999571667	37.1	4	2.9	1	



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