



ARLISS 2012

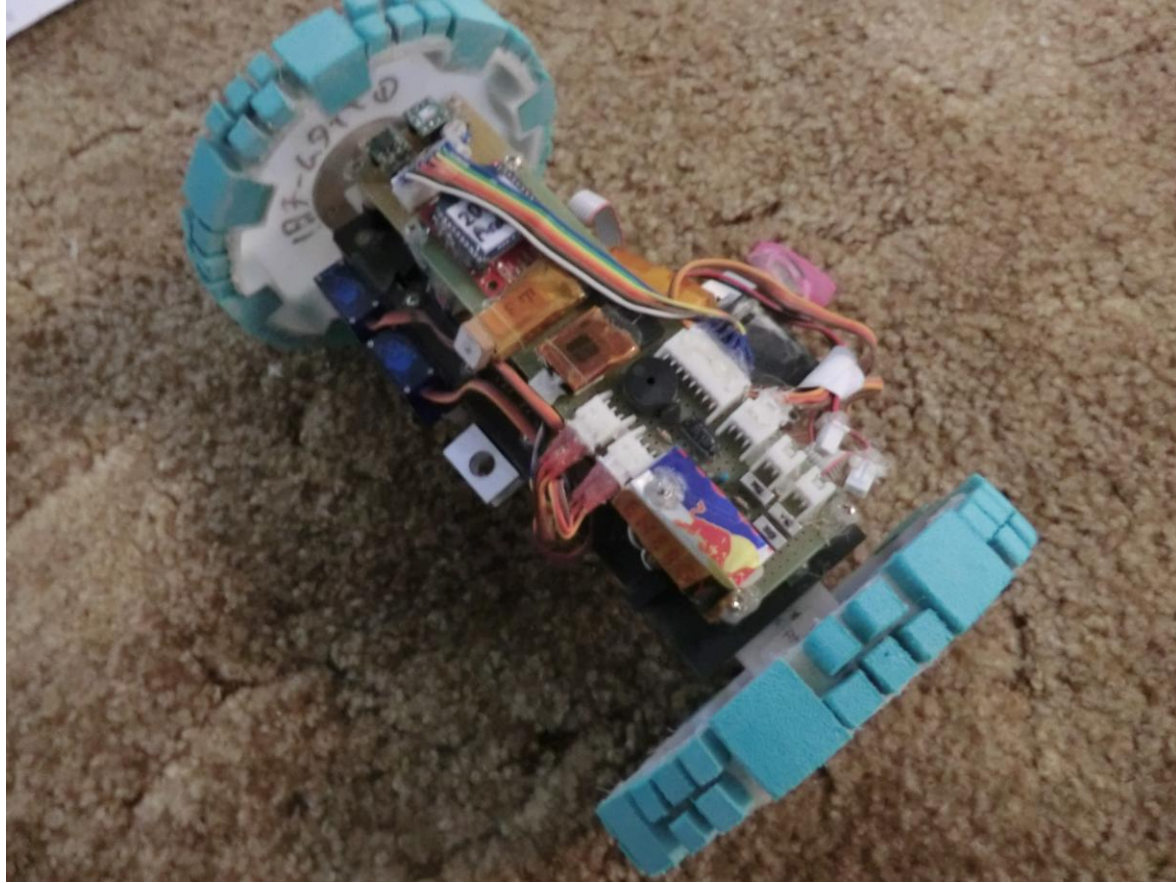
McKinley, UEC

9/14/2012

Team Members



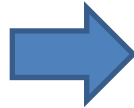
Our Rover



Our mission

- Minimum success :
 - Automatic regulation of motor rotation ratio
- Full success :
 - Direction control for escaping wheel tracks

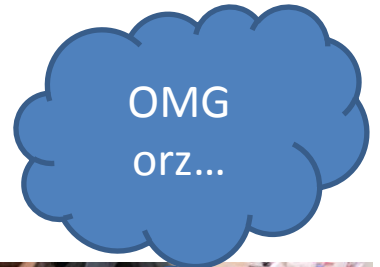
1st Flight



goal



Mystery area





2012/9/12 5:49:28

launch point

falling point

landing point

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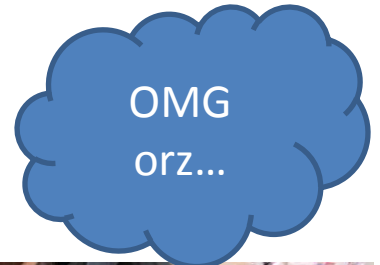
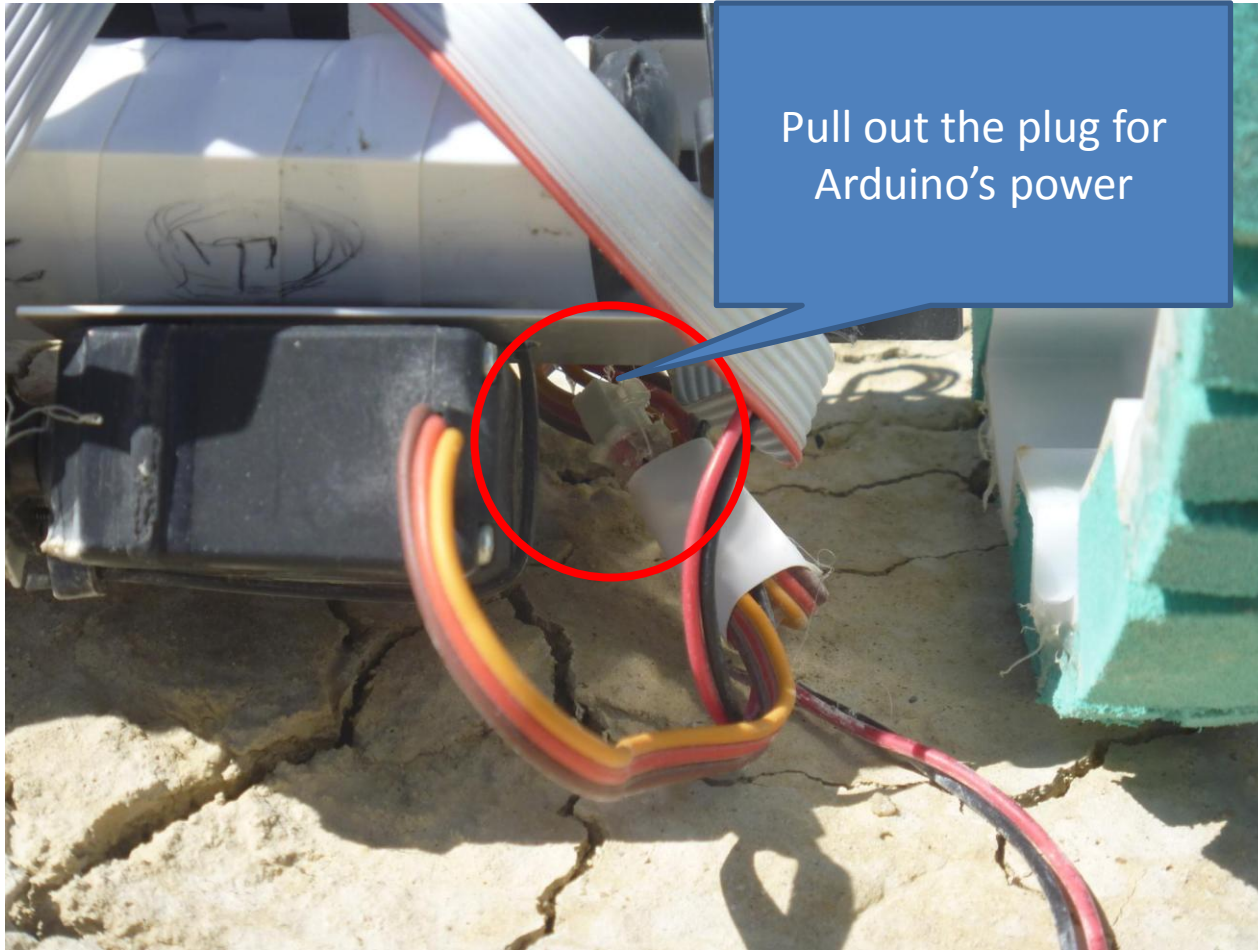
Google earth

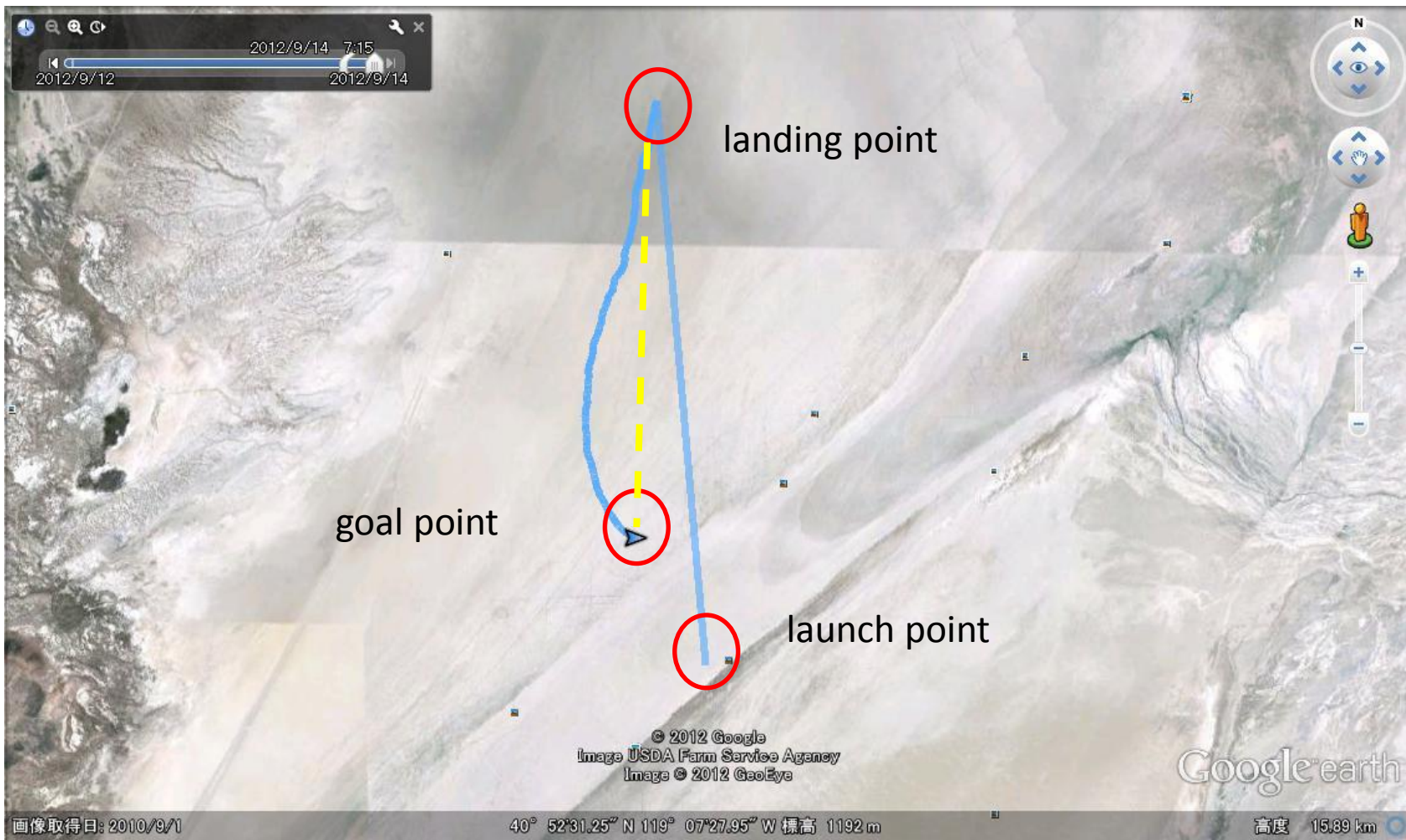
画像取得日: 2010/9/1 1994

40° 50'36.34" N 119° 05'07.05" W 標高 1192 m

高度 9.28 km

2nd Flight





画像取得日: 2010/9/1

40° 52'31.25" N 119° 07'27.95" W 標高 1192 m

高度 15.89 km

Results

- 1st flight
 - Landing point : About 6000m, retire
 - mission failed
- 2nd flight
 - Landing point : About 5200m, no record
 - mission failed
 - If power came to the rover, we could complete the full success

Acknowledgements

- Aeropac members
- Unisec members
- Prof. TAKADAMA, Prof. HATTORI
- People who tied the rope to career
- Our Team members
- All the members of TAKADAMA lab.

Thank you very much!

