



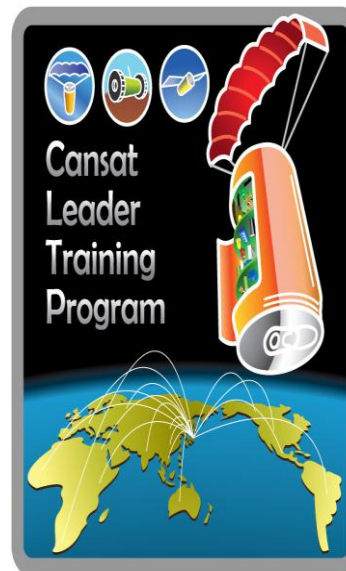
Angolan Methodist University



Final Presentation

by

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CONTENTS

1. Introduction
2. CanSat Development.
3. Tests: GPS data acquisition, Vibration, Drop test.
4. Results: First and Second Launch.
5. Future work.

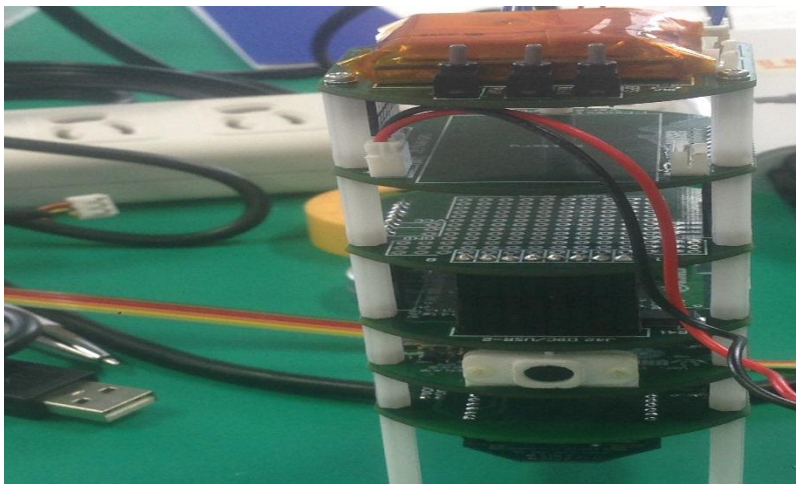
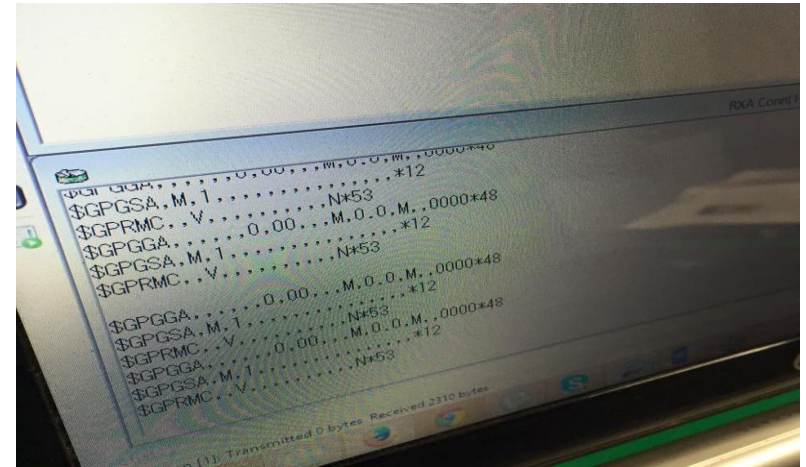
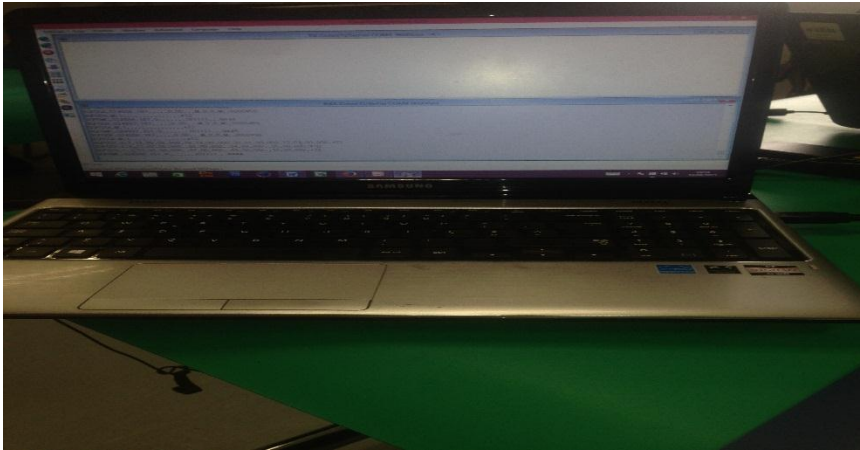
Introduction

- CanSat development.



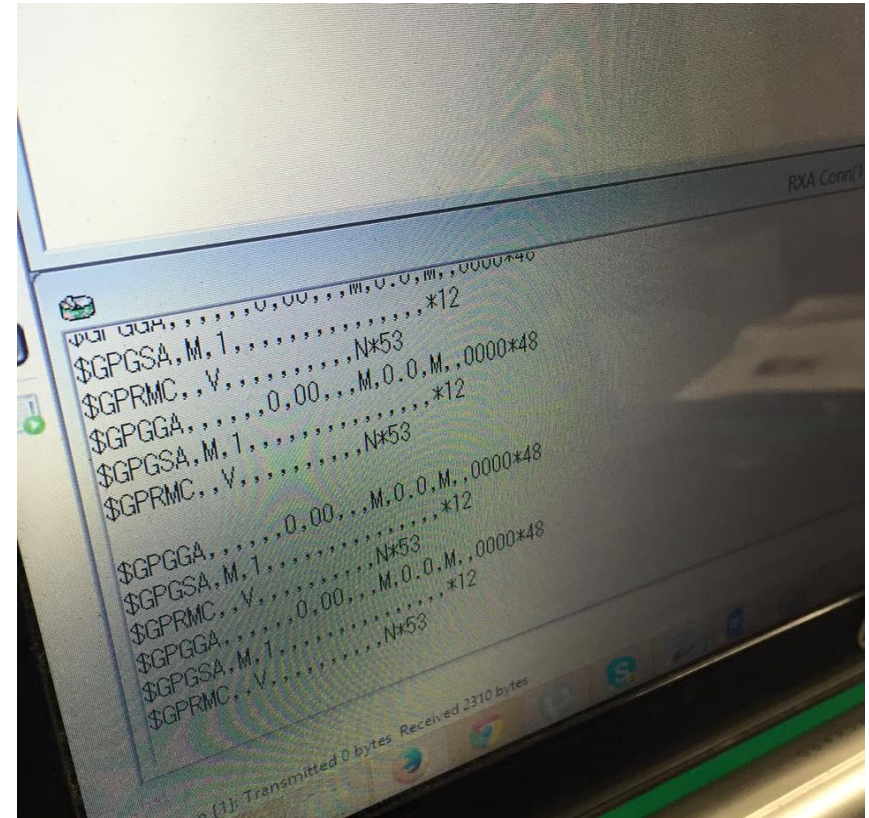
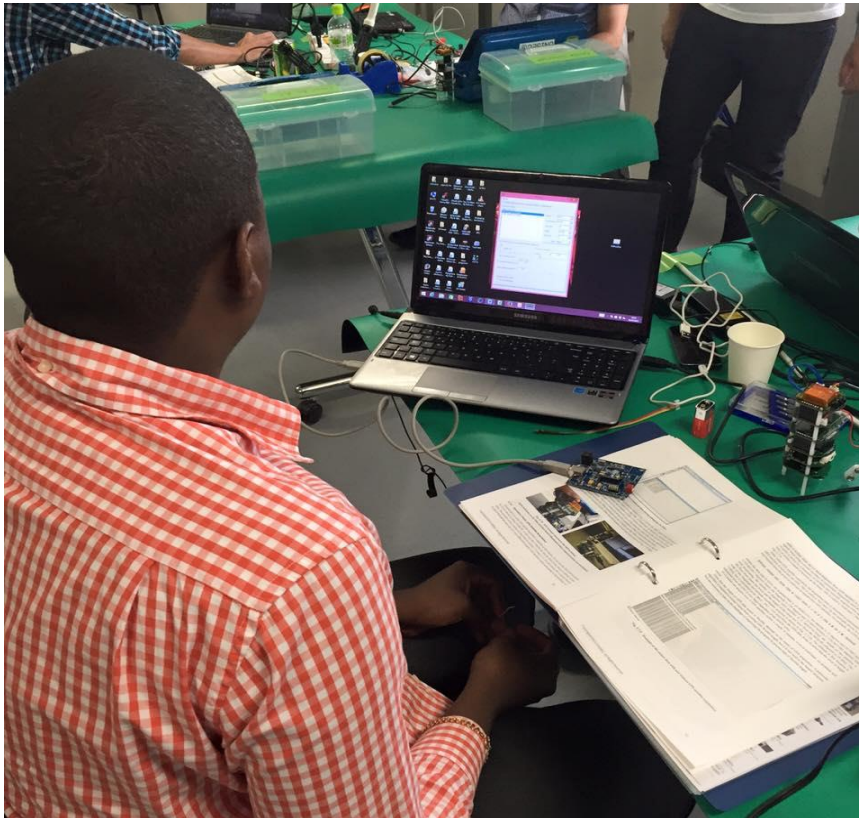
CanSat Development

- Software Installed, Camera test, GPS data.



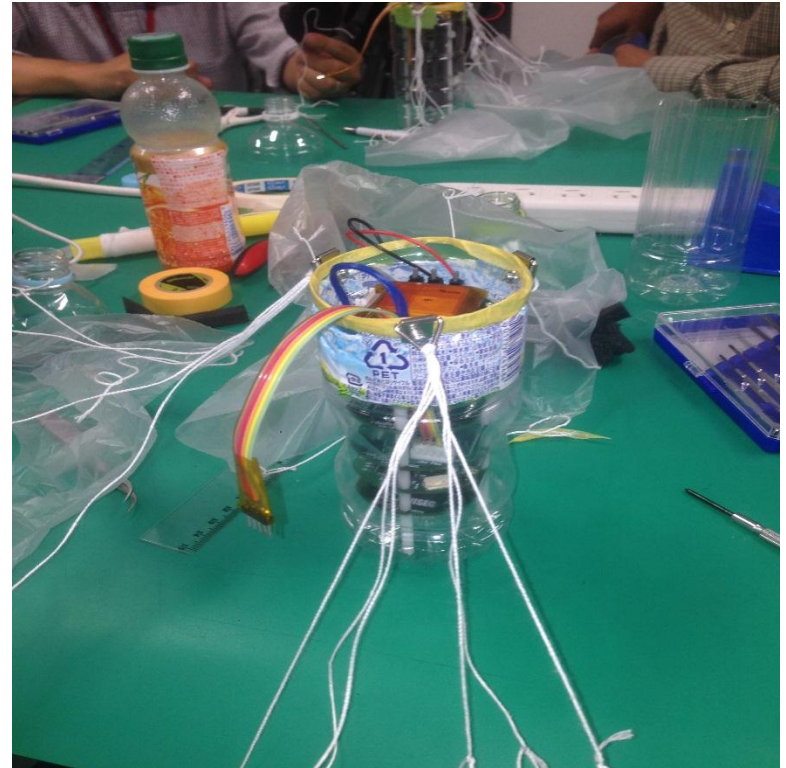
CanSat Development

- GPS data acquisition through Xbee .



CanSat Development

- Parachute deployment



Tests

- Drop test



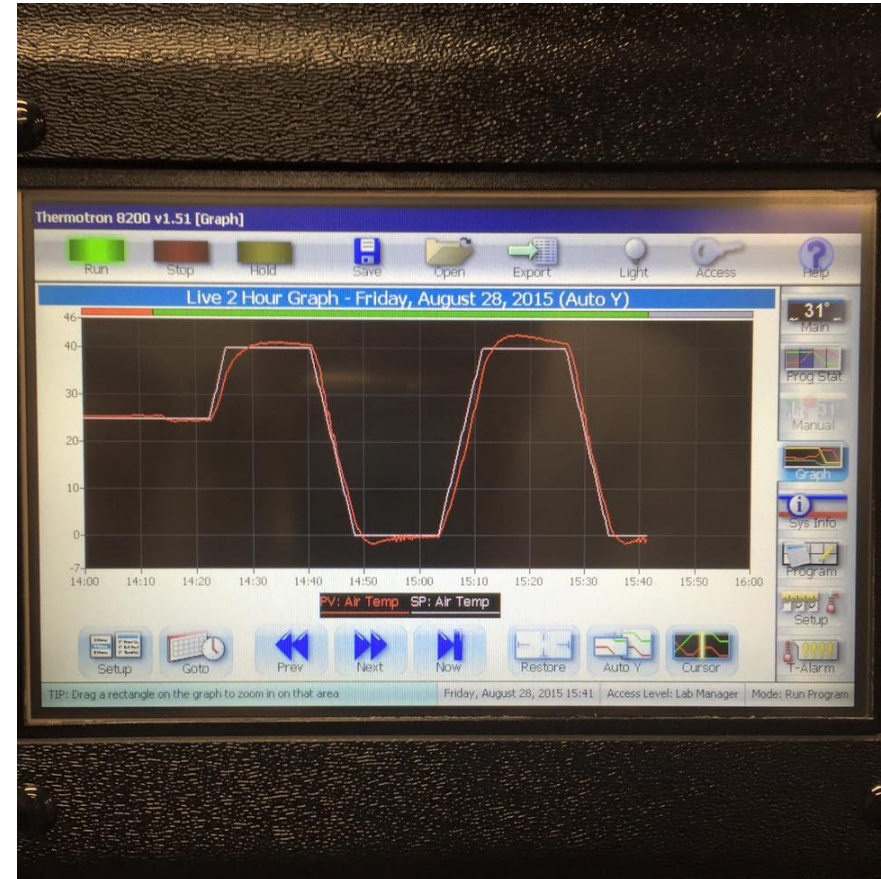
Test

- Vibration: Sinusoidal ,Random and Shock.



Test

- Thermal Test



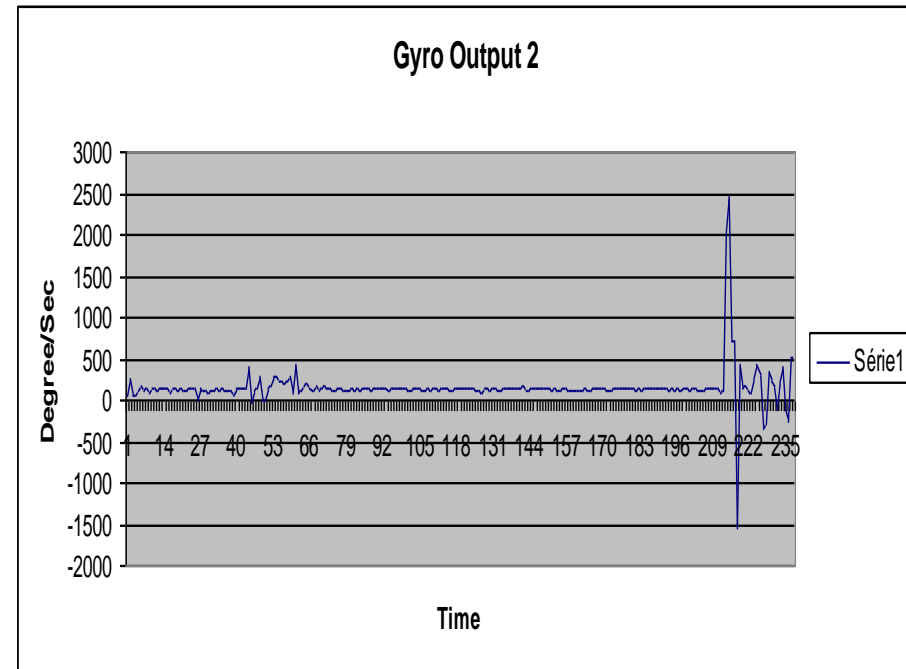
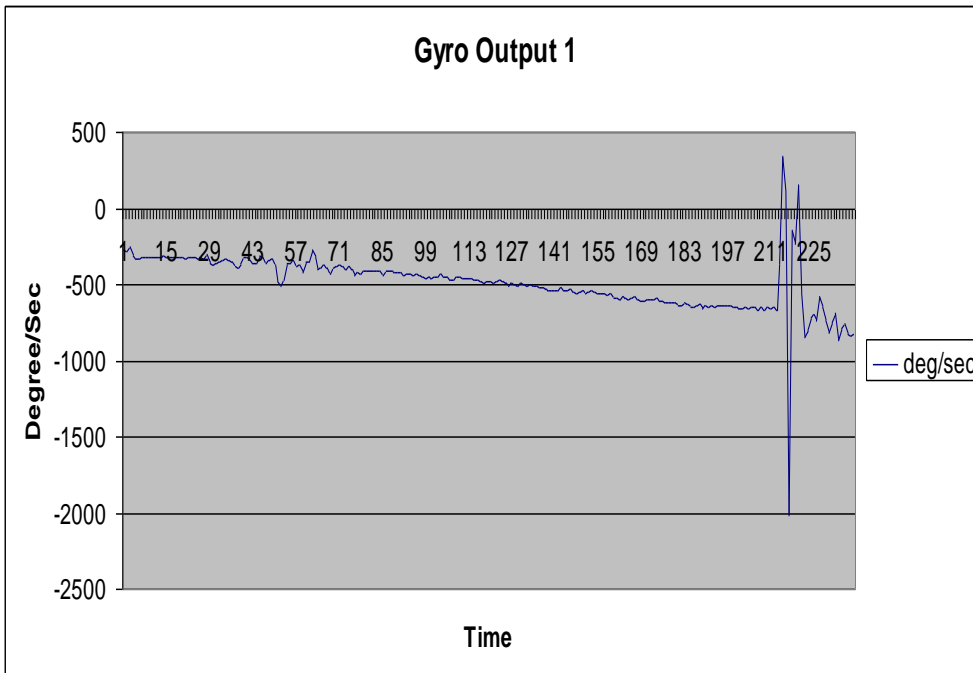
Paper Rocket

- Paper Rocket Assembly.



First Launch Results

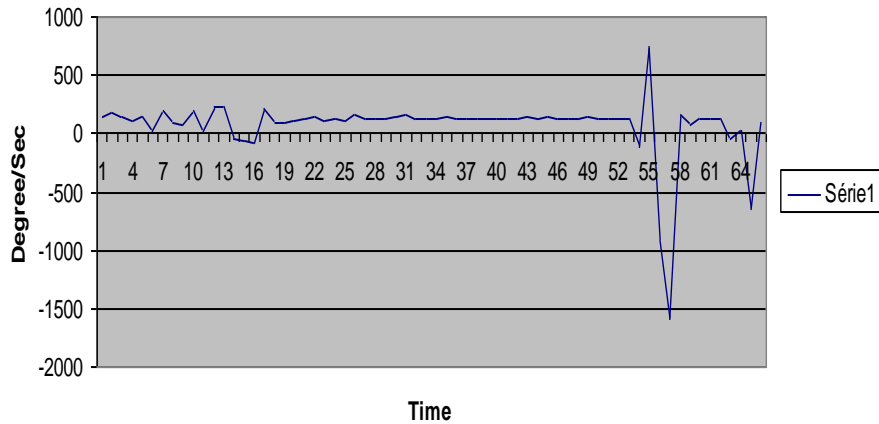
- Gyro sensor



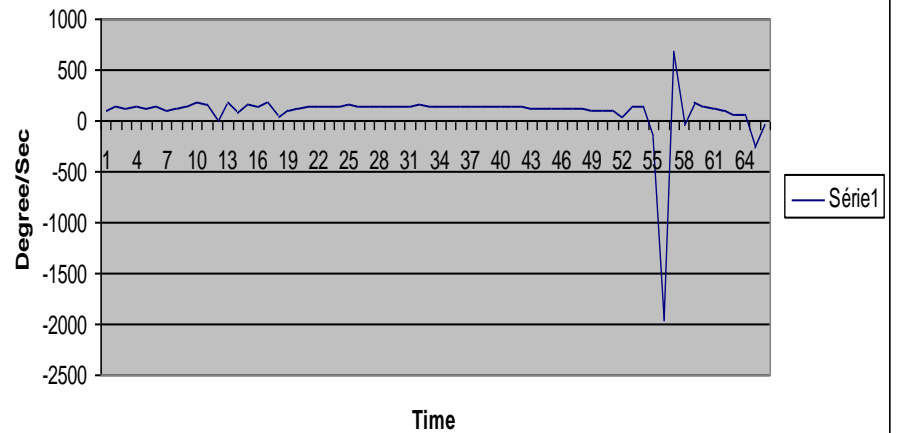
Second Launch Results

- Gyro sensor

Gyro Output 2



Gyro Output 1



Camera Results

- First Launch



Camera Results

- Second Launch

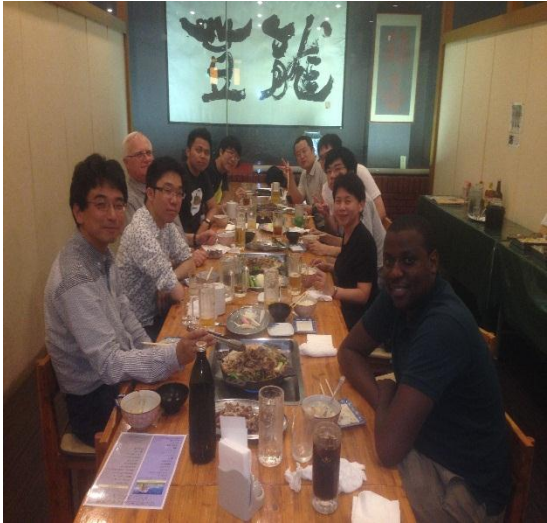




Future Work

- Introduce the Cansat concept to the students.
- Colaborate with GGPEN Angolan National Office for Space Affairs.
- Send more professionals to participate in CLTP.
- Run a CanSat hands on course in Angola.

Life Time experience





Thank you