

Soka University

Kuroki Lab

ARLISS 2010 FlyBack



Seiji Kuroki, Hiromichi Yoshiga, Takeshi Mounai,
Asumi Onizuka, Masaaki Ueda, Kensei Ono, Takahiro Miura

Outline

- ◆ Cansat
- ◆ System Diagram
- ◆ Success Level
- ◆ Result
- ◆ Summary

Cansat

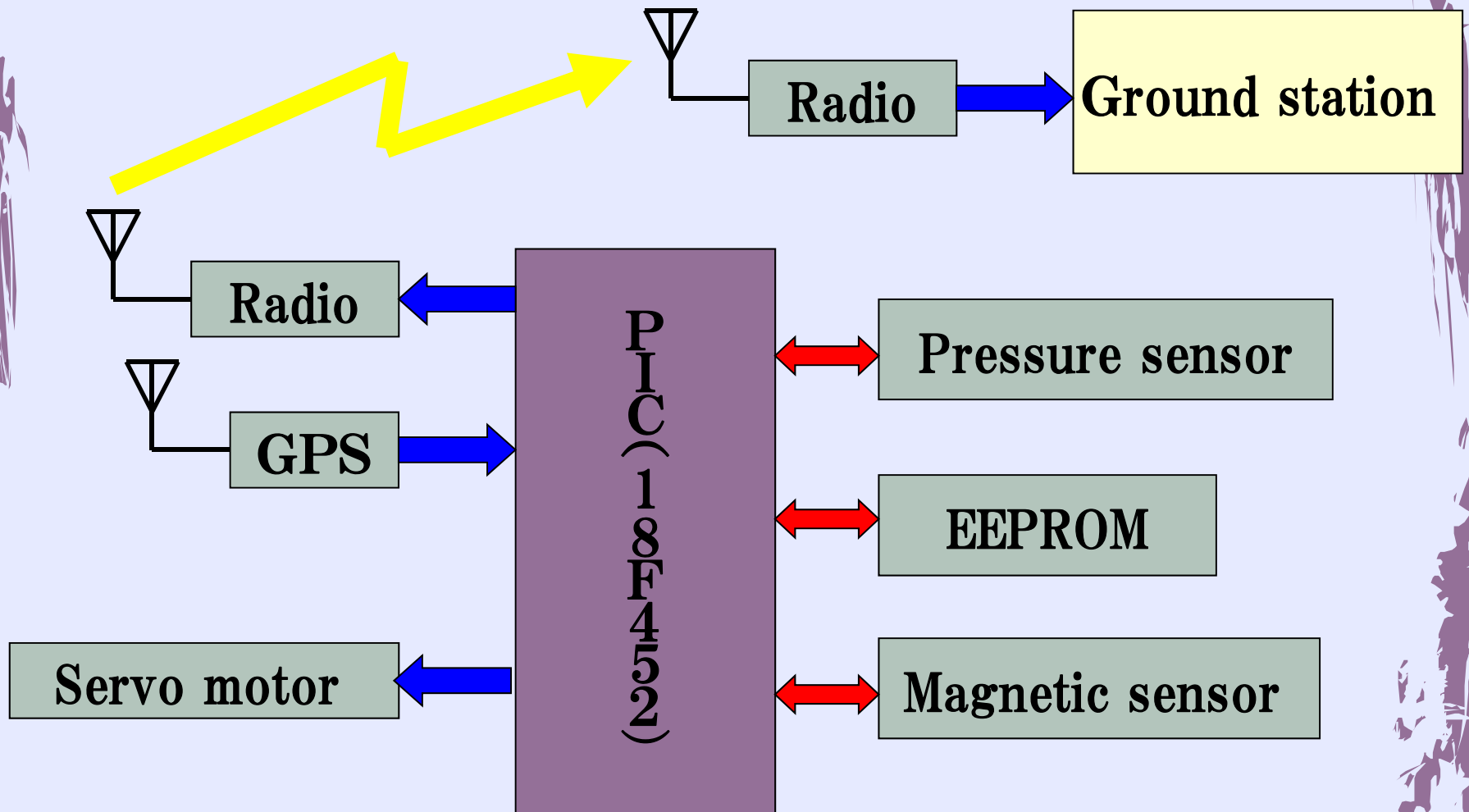


Team:Kuro-Kid's

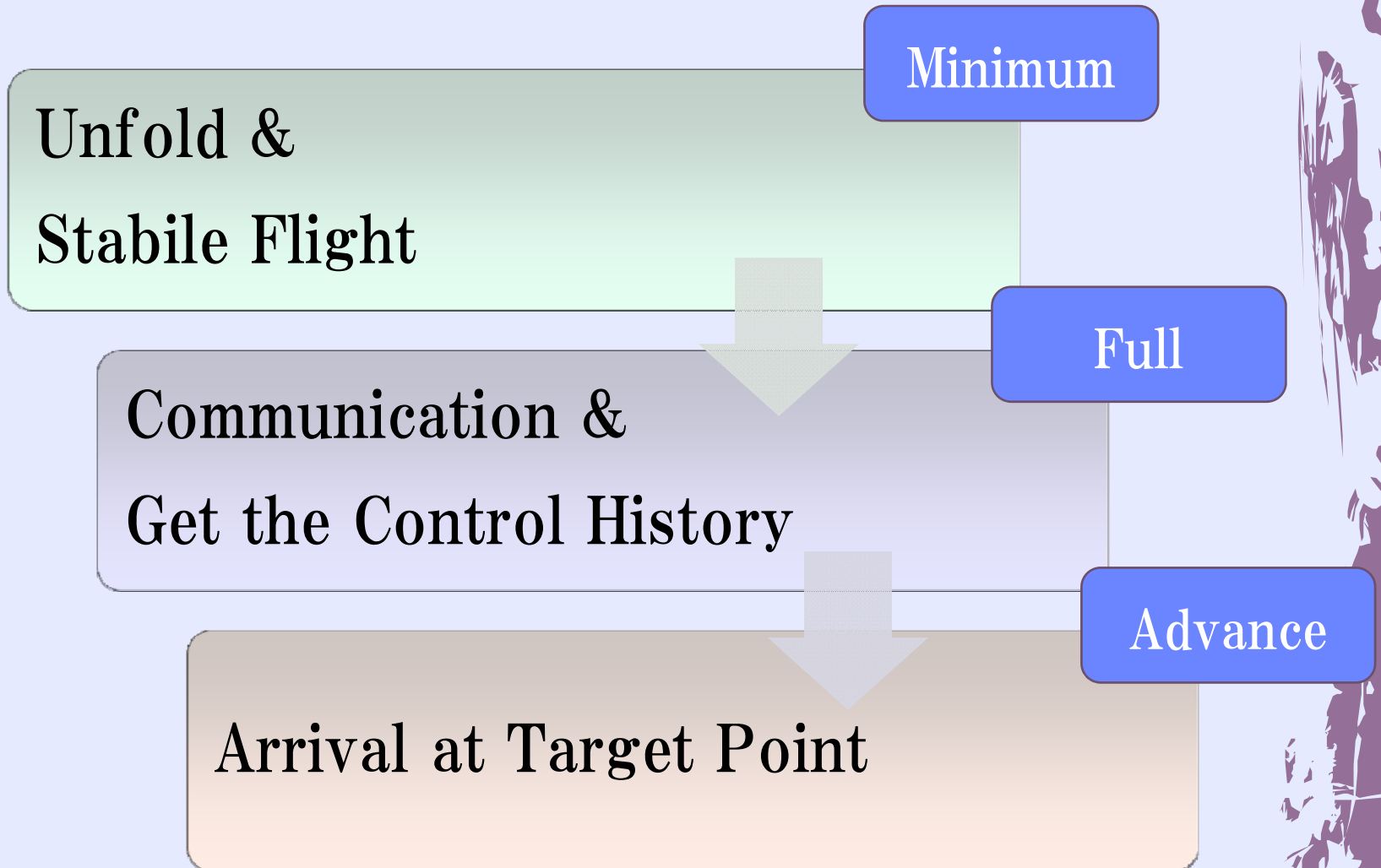
Fly Back

Nick name:BunBunMaru

System Diagram



Success Level



Result of 1st Flight



- ◆ **Free Fall**
- ◆ No Control
- ◆ 1590m



Summary

- ① The pressure sensor didn't work well.
- ② The program didn't proceed next step.
- ③ The release system didn't work.
- ④ Our Cansat didn't expand the wings.
- ⑤ Free fall

Lessons learned

- ◆ Whole system worked well on ground , but suddenly the devices stopped working before the launch.
- ◆ The cause might be the severe vibration or shock by the Rocket.
- ◆ We try harder for the next year ARLISS.

We thank those people who gave us such a great experience.

- ◆ Aero Pack people
- ◆ All ARLISS Staff
- ◆ Adviser, prof.KUROKI



END



LOVE