


# **SOKA UNIVERCITY KUROKI Lab 2009 FLYBACK**



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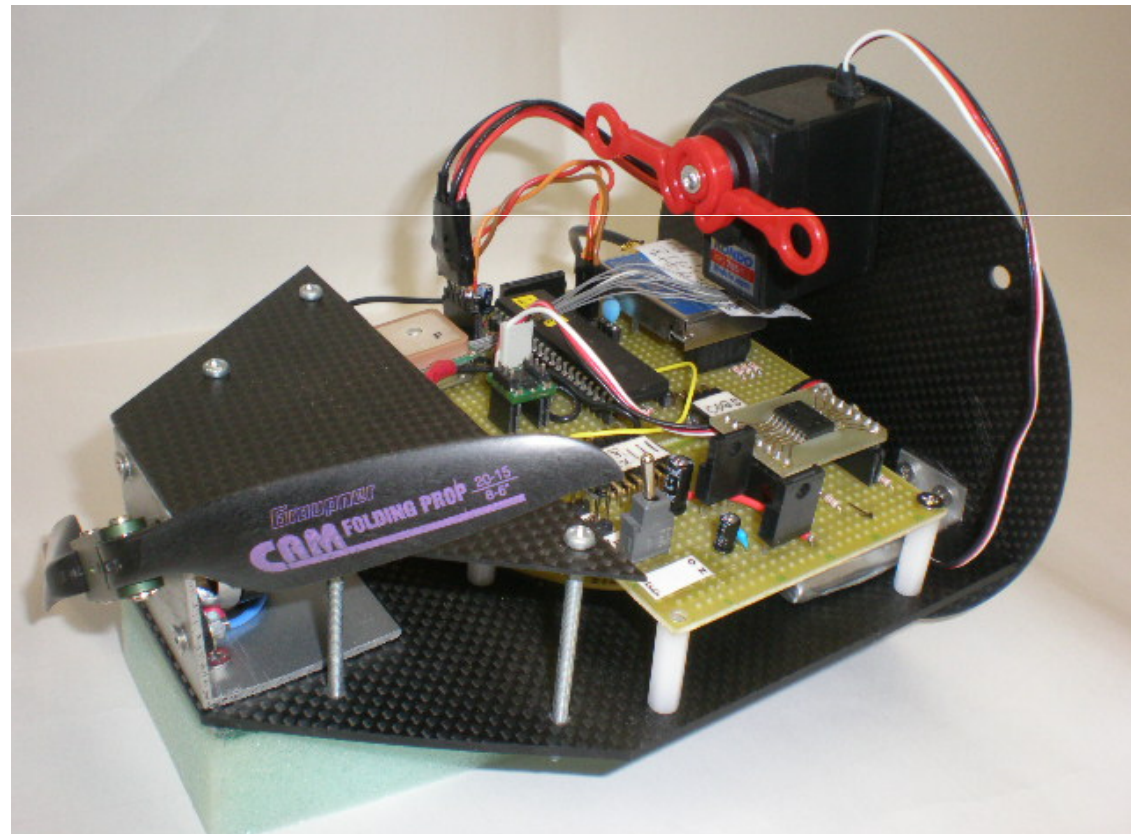
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# Mission 1

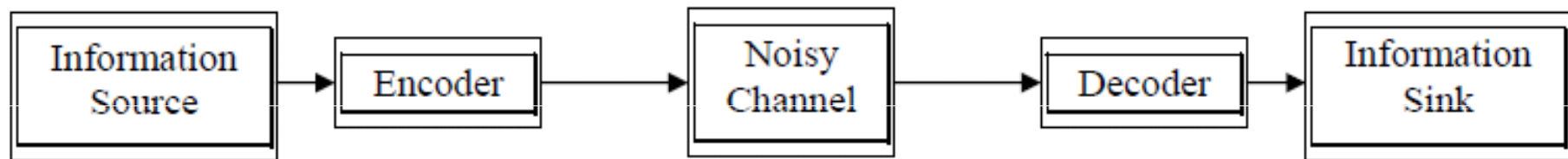
## ① **FlyBack** by Retractable Propeller and Brushless Motor

→ enough  
power against  
strong wind



# Mission 2

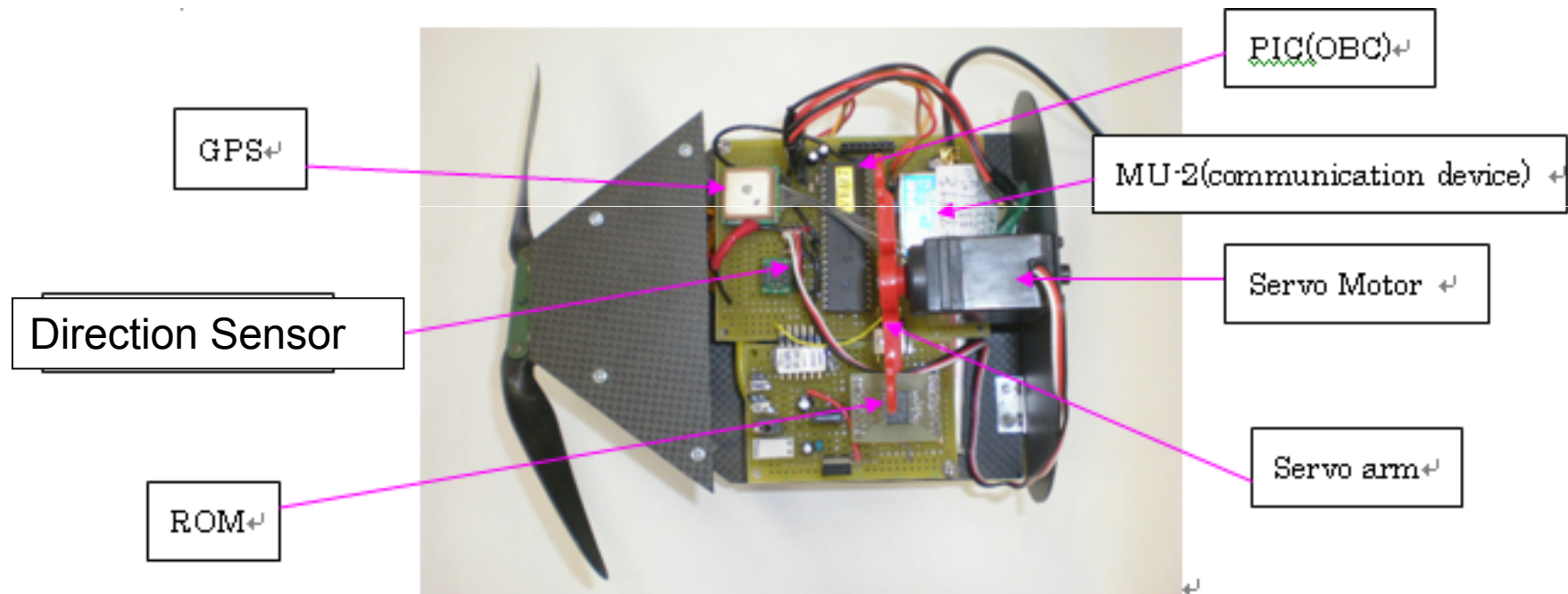
## ②Communication Error Detection and Correction Using the Hamming Code



Cansat added to Hamming Code to GPS data

Cansat transfers the GPS Data with 1bit error to the Radio Station,  
then correct the data using Hamming Code

# Overview



# Result of Flights

- Free Fall
- The connection between Parafoil and Servo arm could not resist the shock of deployment
- No communication





# Summary of this year's flight

No communication test executed,  
because parafoil was released during flight.

We will work harder for the robust string  
with parafoil towards next year.

We appreciate those who gave us such a great experiences.

- Aero Pack people
- All ARLISS Staff
- Adviser, prof. KUROIKI





We are very happy with  
participating in ARLISS 2009.

See You Next Year!!