

Nakuja internship Team meeting

Progress report format

Name: Oina Sammy Kerata

Tasks completed last week

- Initial design of fin control mechanism (N2) (#11)
- Casting of N1 motor (#8)
- Firing of N1 motor (#9)
- Design of N1 motor bracket attachment (#82)
- Fabrication of test-stand PCB (#62)
- Finishing fabrication on N-2 motor


13 To do

!

Canard Design

...

#1 opened by SammyOina


 N2-Active-Control

!

Determine static stability

...

#2 opened by SammyOina


 N2-Active-Control

!

Dynamic stability

...

#3 opened by SammyOina

 N2-Active-Control

Automated as To do

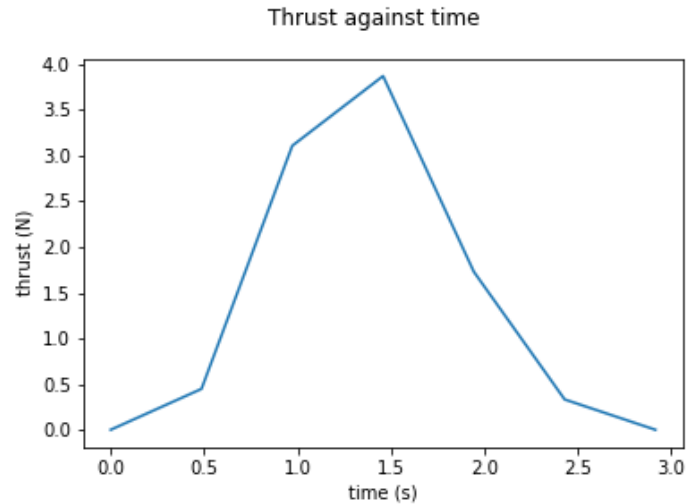
Manage

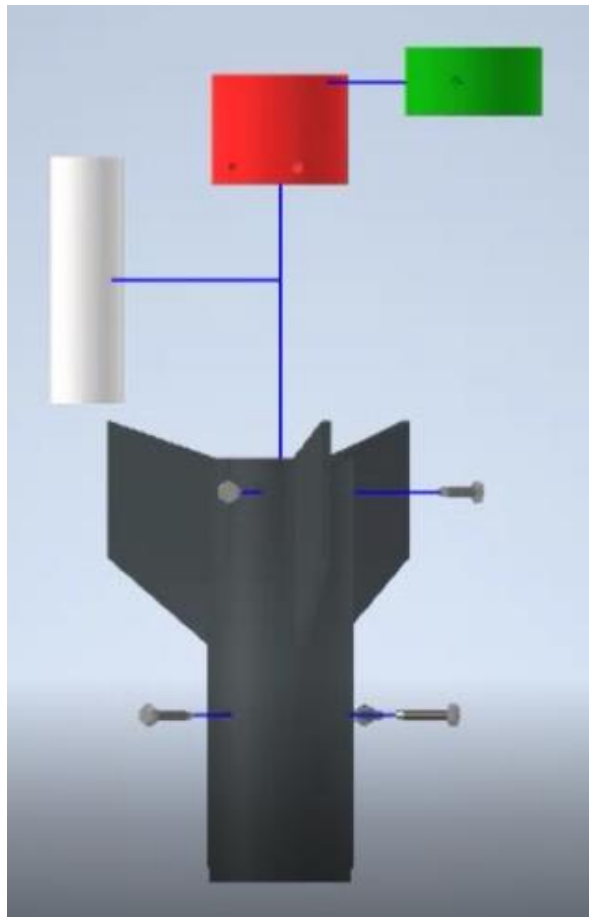
- <https://nakujaproject.blogspot.com/2021/03/static-firing-test-report-25th-march.html>

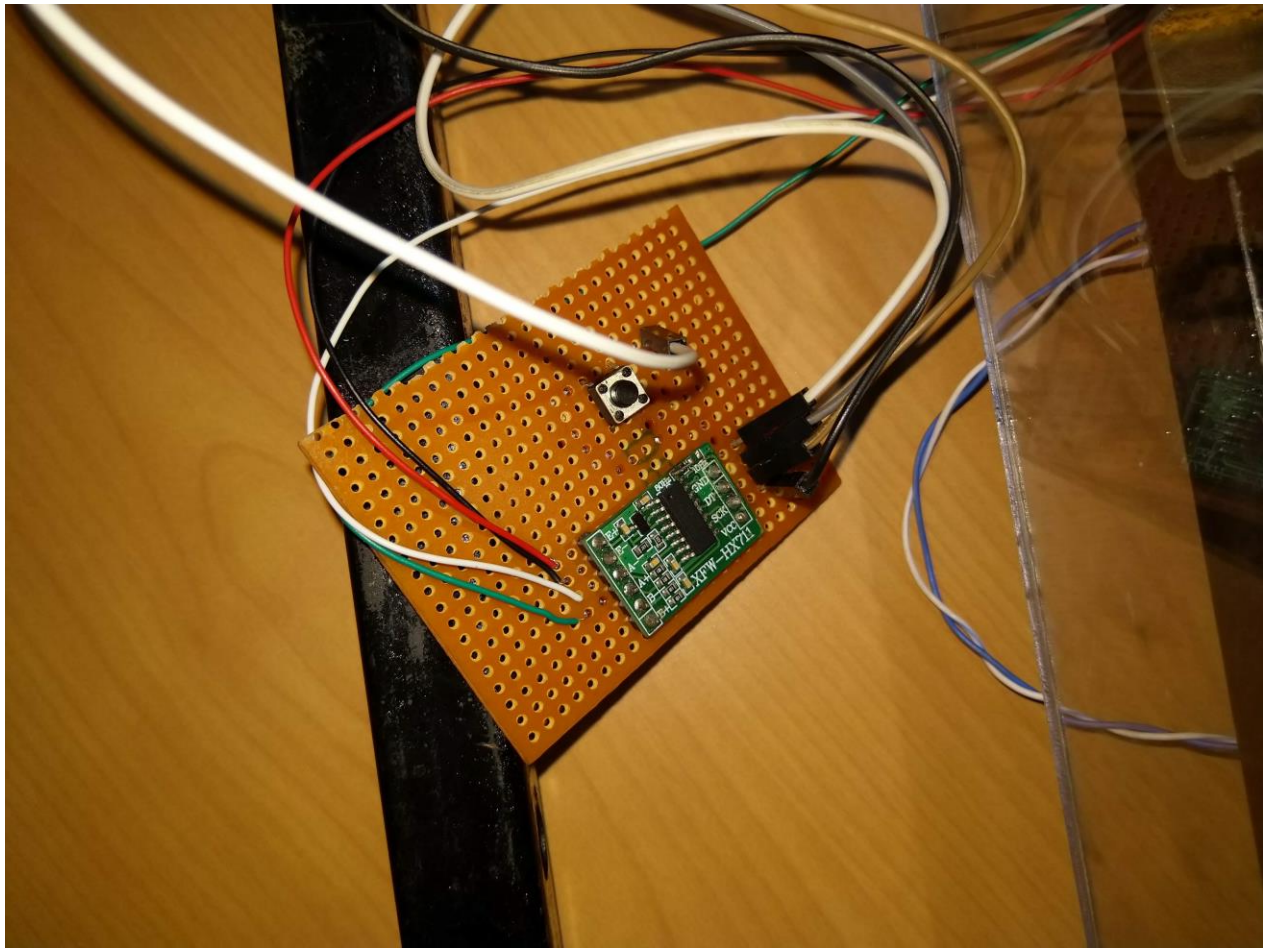
Results

- Total Impulse: 3.95 N-sec
- Specific Impulse: 164.75 N-sec/Kg
- Average Thrust: 1.36 N
- Motor Class: B
- Burn time: 2.9s

[Rasp File](#)









Tasks in this week

- Casting of N1 motor (#8)
- Firing of N1 motor (#9)
- Design Fin control geometry and mounting section (#11)
- Design Test-stand status circuit (#86)

Timeline

Month	Week	Tasks
Mar	Week 1	Finish fabrication of N-2
	Week 2	Casting propellant and Design and Fabrication of test stand
	Week 3	N-1 static testing and firing
	Week 4	Design and Fabrication of N-1 Launch pad
Apr	Week 1	N-2 fin control mechanism design and programming
	Week 2	Finalize N1 motor
	Week 3	Finalizing N1 assembly for launch
	Week 4	N-1 Launch