

Nakuja Internship

Week 6 Progress Report

JEFF MBOYA

Tasks completed last week

1. Test stand design v1.3 (re-design using pin load cells)
2. Casting propellant for third static fire test.
3. Conducting static firing test no. 3
4. Including visual indicators (state of the test stand-armed or unarmed)

Tasks to complete this week

1. Research on better and reliable motor ignition
2. Casting propellant for 4th static fire test.
3. Conducting static firing test no. 4 (Nichrome wire to be used for ignition)

Timeline

Month	Week	Tasks
March	Week1	Design and fabrication of nozzle
	Week2	Design and fabrication of test stand
	Week3	Casting propellant
	Week4	Testing the model rocket on motor Static firing test no. 1 and no. 2 Analysis of thrust data
April	Week1	Test stand design v1.3 (re-design using pin load cells) Casting propellant for third static fire test. Conducting static firing test no. 3 Including visual indicators (state of the test stand-armed or unarmed)
	Week2	Research on better and reliable motor ignition