

Student Microgravity Experiment

@ Diamon Air Servics, Nagoya, JAPAN

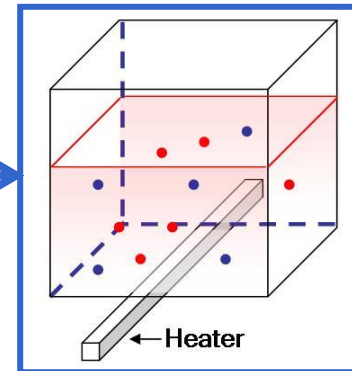
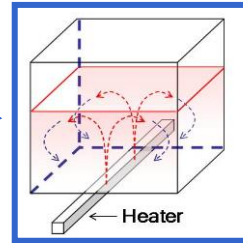


Introduction

A Study of Water Flow by heating under Microgravity Condition

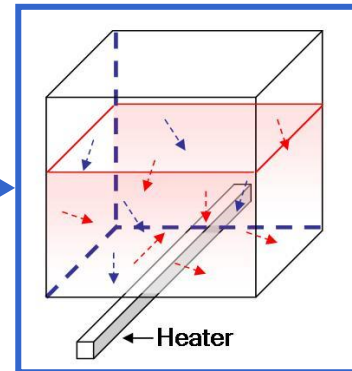


Water Flow
Gravity



Water Flow

No Gravity



Activities

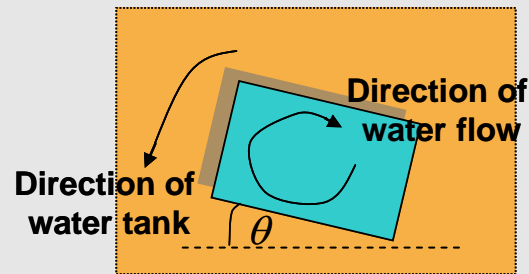
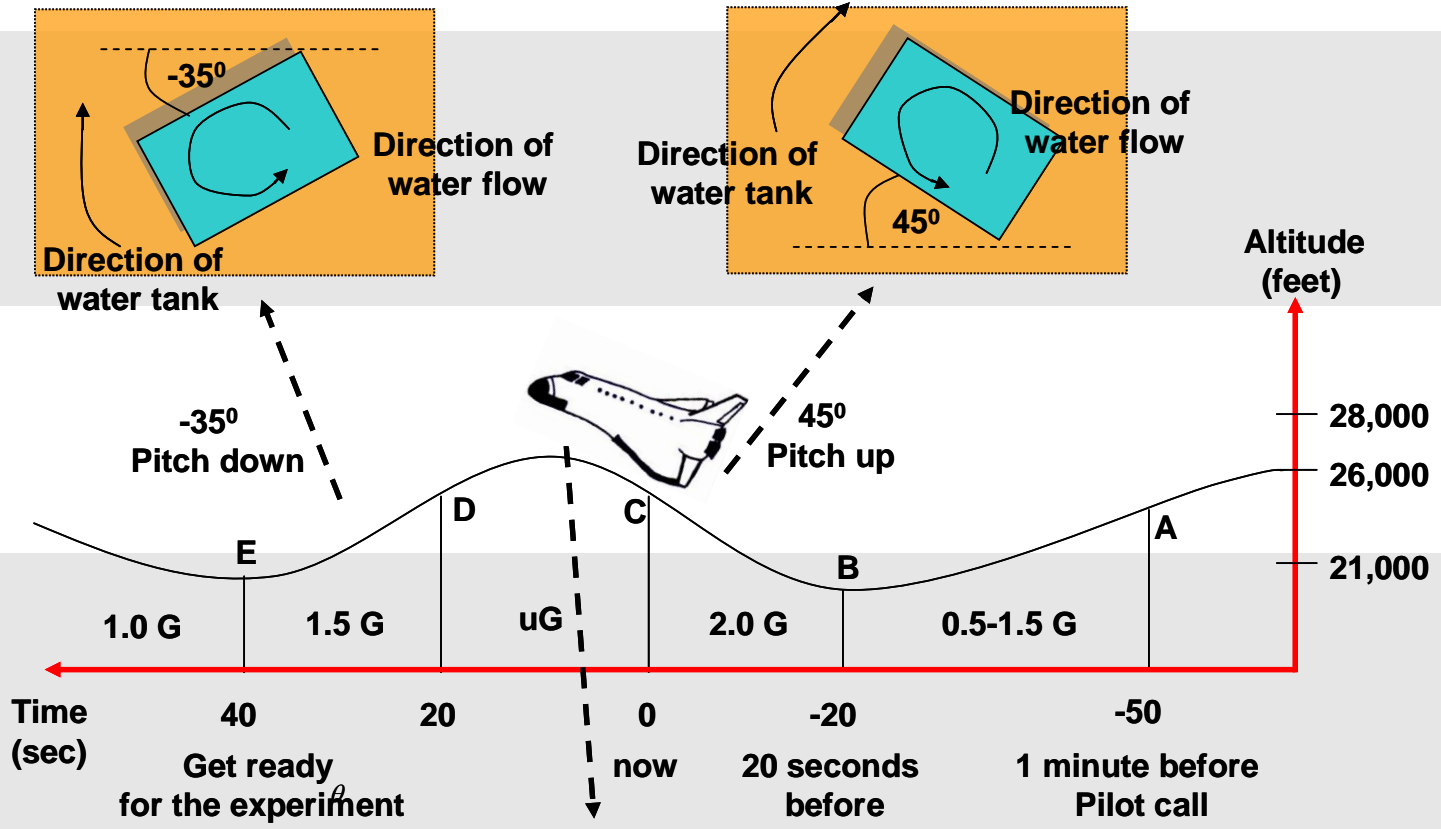
PresentationPoint



Activities



Experiment



θ is decreasing from 45° to -35°

Acknowledgement

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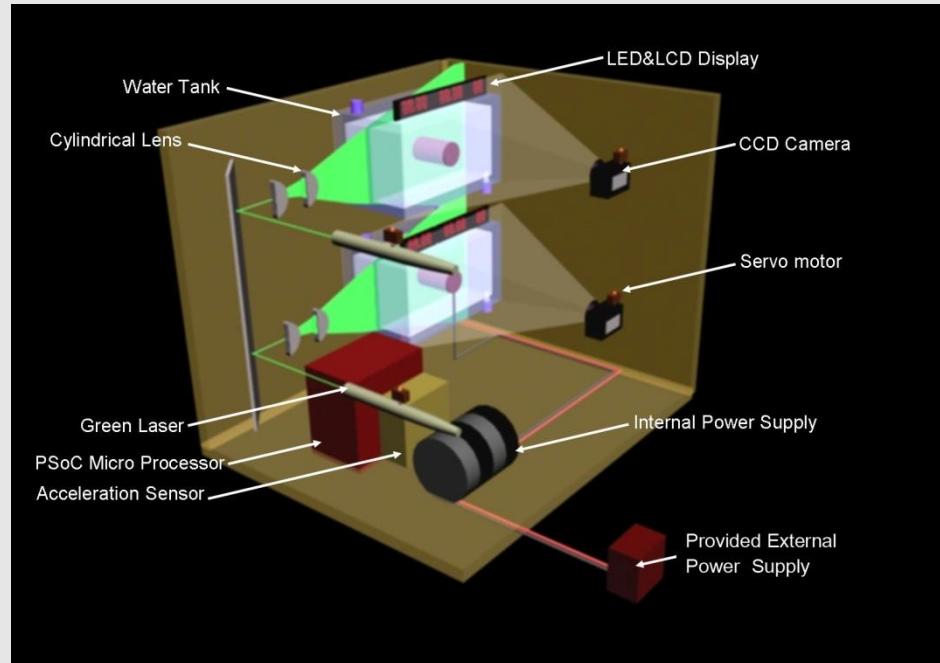
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PresentationPoint
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Experimental Set Up on Board

A Study of Water Flow by heating under Microgravity Condition



Water Leakage Control

- Put Water Tanks into the Bigger Tanks
- Sealed Aluminum Box with Silicone
- Water Absorber Polymer
- Special Space for Devices

Vibration Control

- Aluminum Box
- Aluminum Holder