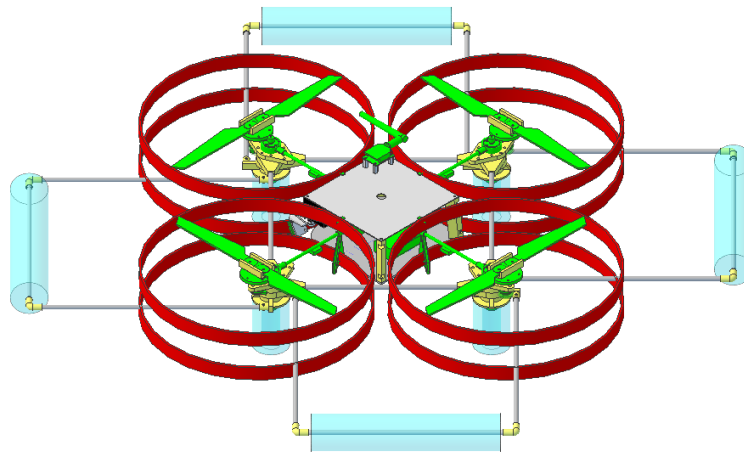


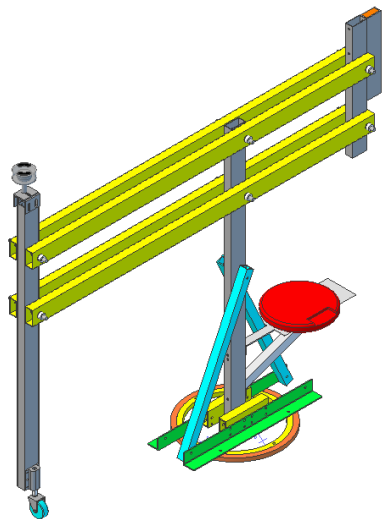
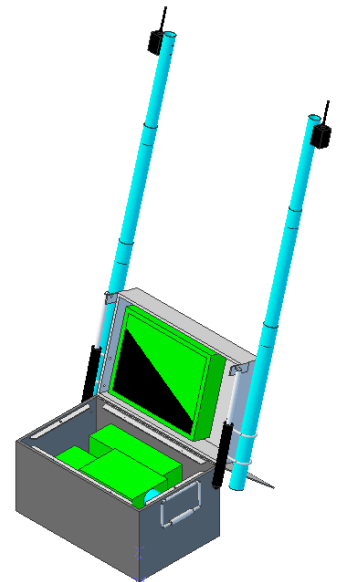
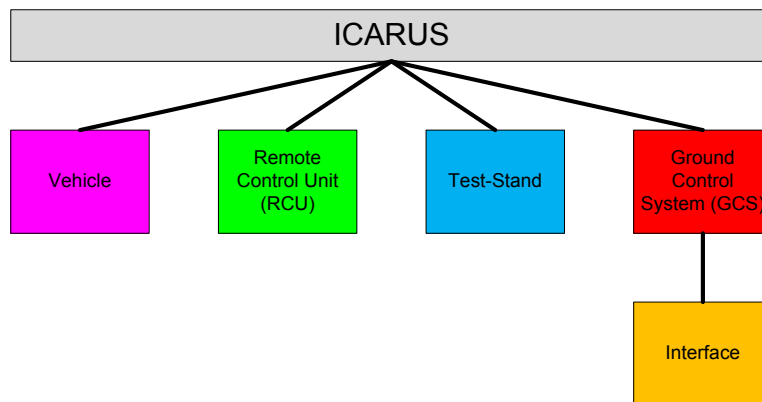
# AUTONOMOUS QUAD-ROTOR PROJECT

# ICARUS

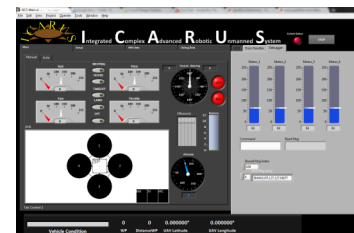
<i>Capabilities</i>	
Manual Control via RCU or GCS	3km Range and 30 min duration
Limited Autonomous Navigation via RCU	Error Display on RCU and GCS
Waypoint Navigation	Force-Feedback on RCU
Automatic Takeoff, Hover and Landing	Terrain Following



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<i>Industry</i>	<i>Applications</i>
Home Inspecting	Roof and Exterior Surveying
Civil Engineering	Bridge Inspection
Law Enforcement	Search, Crime Scene Investigation
Military	Reconnaissance
Hobbyists	Development Platform – Completely Open Source
Environmental	Nature Surveying and Data Collection



Integrated Complex Advanced Robotic Unmanned System