



Logan Grumbach

Student Specialist IV

Department of Mechanical and
Aerospace Engineering



BIO:

Logan Grumbach is currently a graduate student and Student Specialist IV for the UAHuntsville Propulsion Research Center. His responsibilities include assisting Graduate Research Assistants and PRC staff with article testing, test apparatus construction, and facility upgrades and maintenance. Logan Grumbach has worked on several research projects including Combustion Instability, Cryogenic Flow Behavior, solid and liquid hot-fire testing, liquid injector testing, and solid propellant burn rate characterization. Logan also has experience with motor dissections, fast-cook off, slow-cook off, impact tests, and static firings with rocket motors.

Logan has experience testing Guidance and Control Systems for missiles, Seekers, Lasers,

LADAR, IR Sensors, Unmanned Aerial Systems (UAS), Volcano Mine Separation Testing, Environmental Testing, and NASA Warm Gas Test Article (WGTA) Lander Testing.

Logan has Ammunition and Explosives Certification, Military Driver's License (Humvee, Non-tactical below 26,000lbs, tactical below 2600lbs), Completed Laser Eye Exam, Completed Engineer Flight Physical, and an OSHA trained forklift operator certifications all issued by the United States Army.

He also is familiar with Chemical Engineering principles such as polymer development, coating techniques, and fuel cell testing. He has participated in research and manufacture of polymers and pharmaceuticals, polymer coating applications, and fuel cell testing.

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