



Flabob as a Test Resource

By Coleman Fait
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ACADEMIC-INDUSTRY
LIQUID ROCKET SYMPOSIUM **2023**

Site Resources

- Duplicates of some resources at FAR
 - Large concrete pad
 - Large I-beam
 - Short (20-foot) section of launch rail
 - Control room
 - Propellant loading/unloading equipment
- Proof test hand pump
- This equipment is to be used at Flabob and not removed from location

Fluid System Testing for Non-Combustion Work

- Hydrotests
- Cryogenic Tanking Tests
- Proof Tests
- Leak Tests
- Pressurization Tests
- Waterflow Tests

Wet Dress Rehearsals

- Setup and Teardown
- Propellant Loading/Unloading
- Cryogenic Certification
- Rockets Launch
- Static Firing
- Checklists
- Procedures

Pad Testing

- Fit Checks
 - Rocket to Launch Rail
 - Static Test Stand to I-Beam
 - GSE Umbilical to Rocket on the Launch Rail
- End-to-End
 - Rocket/Static Firing Test Stand
 - Launch Rail
 - Control Console
 - Ground Support Equipment

Who to Contact?

Coleman Fait

(951) 683-2309

rocketry@flabob.org