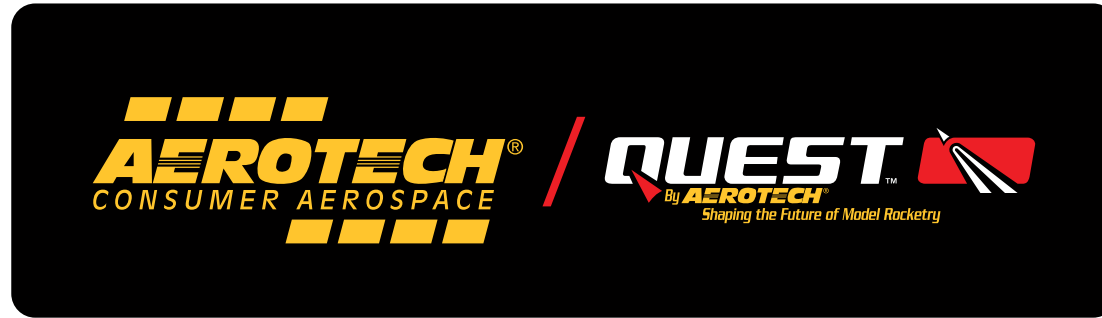




Manufacturers' Forum

NARAM-65

National Association of Rocketry

Pueblo, CO

August 5, 2024

New Facility Grand Opening



- June 27, 2024
- Over 200 in attendance
- Video message from Utah Governor Spencer Cox
- Presentation by Bob Sanford on the origin and naming of the Initiator kit
- Lee Piester gave a presentation on the history of composite propellant model rocketry and “cut the ribbon”
- Museum of Composite Propellant Hobby Rocketry and the Museum Store are open!

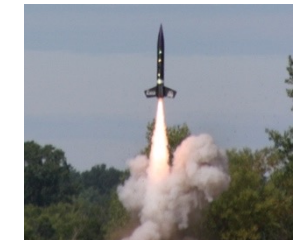
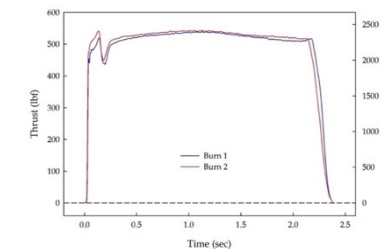
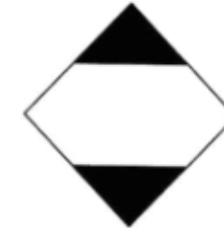
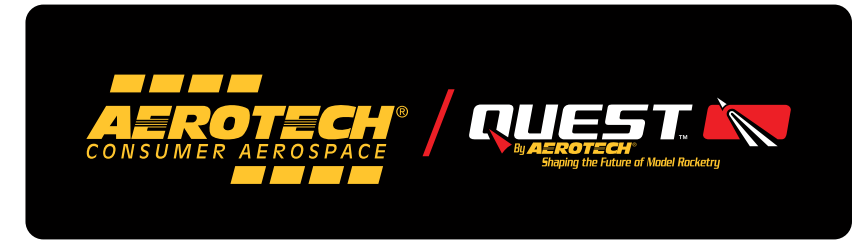


Cedar City 4th of July Parade



Recap of Last Year's News

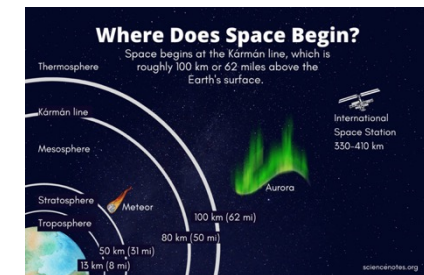
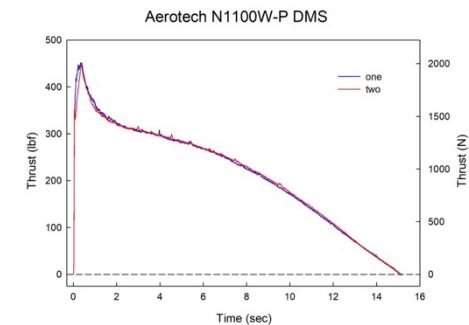
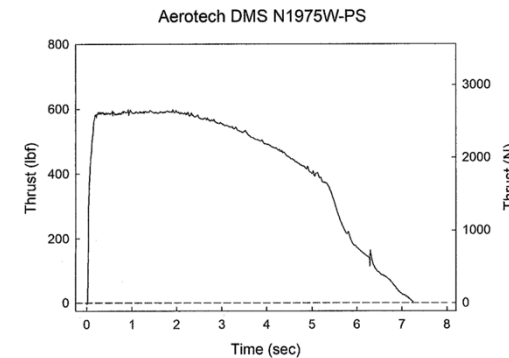
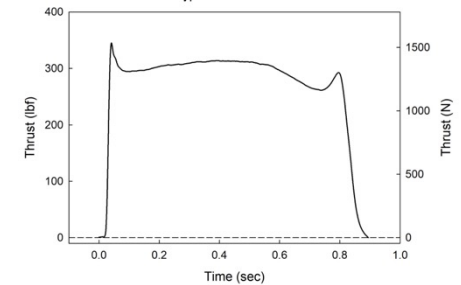
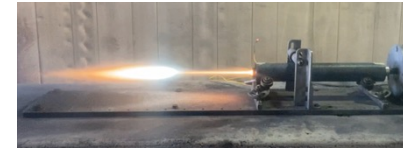
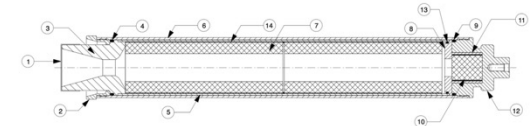
- Limited Quantity Shipping
 - More products are being repackaged and added to the LQ list!
- 24mm x 95mm F41W White Lightning™ Q-Jets™
- 29mm x 83mm E24C Classic Enerjet™
- 29mm x 83mm F67C Classic Enerjet™
- H14ST-P Long-burn DMS™ motor
- O5500X-PS 98mm DMS™ Motor
- M2225WS-PS 75mm RMS™ Reload Kit
- N4000W-PS 98mm RMS™ Reload Kit
- Phaser™ Launch Controller
- Seasonal Products Production Plan for 2024



Some New Products On Hold



- Why? Greatly increased sales (especially ISP sales) have limited our time and resources for releasing new products
 - L2795ST-P 75mm RMS Reload Kit
 - J1265ST-14A 54mm DMS™ Motor
 - K62N-P 54mm DMS™ Motor
 - N1100W 98mm DMS™ Motor
 - N1975W 98mm DMS™ Motor
 - The \$10,000+ AeroTech Space Challenge
 - RMS-75/10240 hardware & N2700W reload kit
 - RMS-98/20480 hardware and reload kit

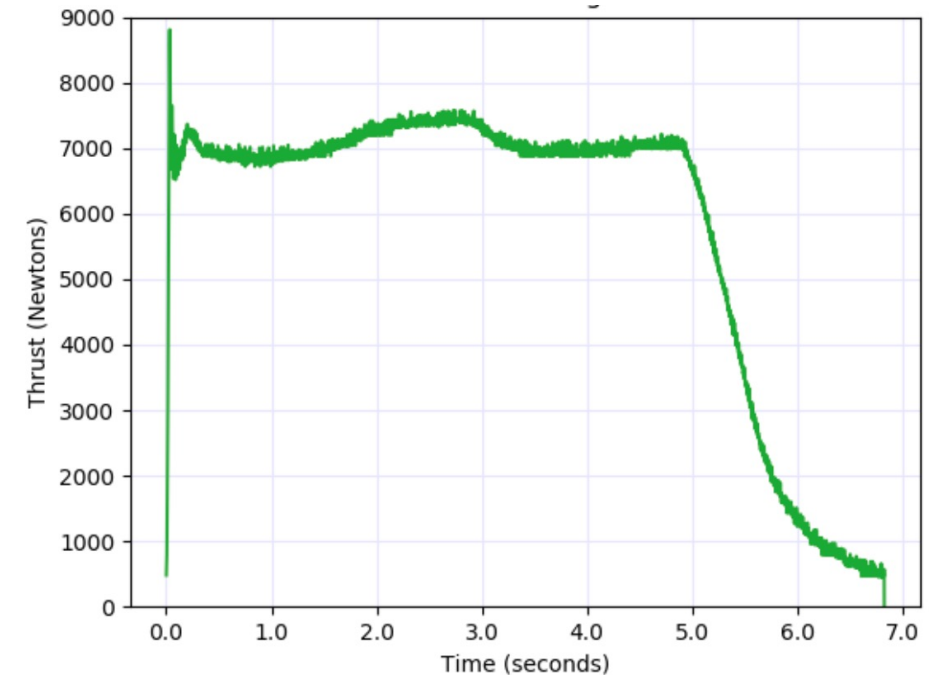
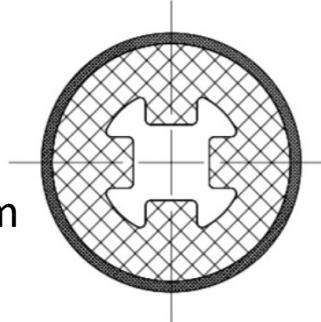


New Releases/Info for 2024!



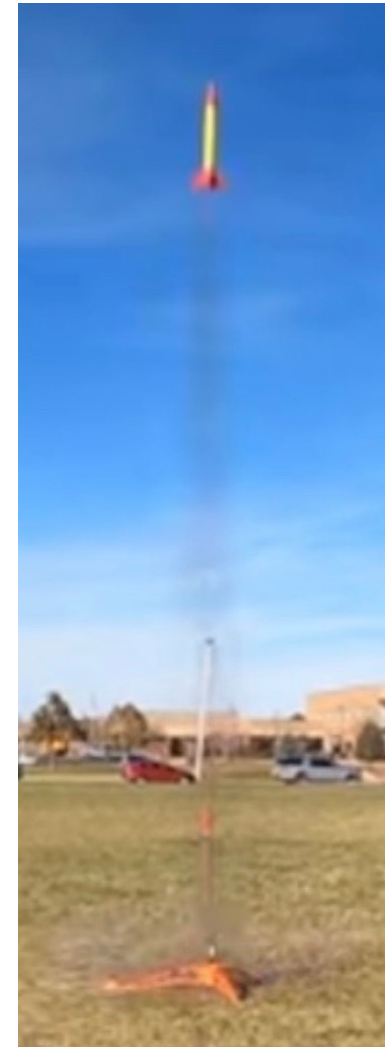
O6000W-P DMS™ Motor

- White Lightning™ propellant single-grain wagon wheel core
- 152mm diameter x 1,120mm long
- 39,620 N-sec total impulse
- 6.77 sec burn time
- 22,000 g propellant weight
- 31,520 g total weight
- Plugged with no smoke
- Ideal for lifting heavy rockets to high altitudes, boosting 2-stage rockets for Karman line attempts, and collegiate group projects
- NAR certified, not for consumer sale in California
- \$9,999.99 MSRP
- Available now, being used in an Army R&D program



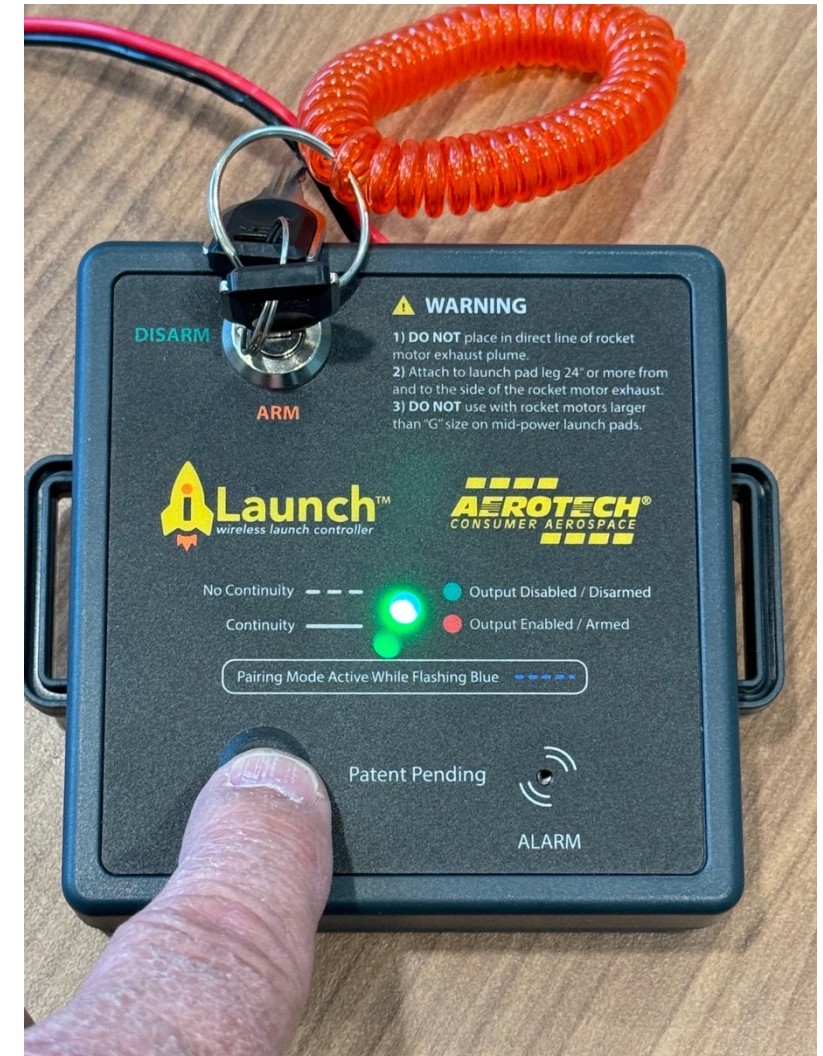
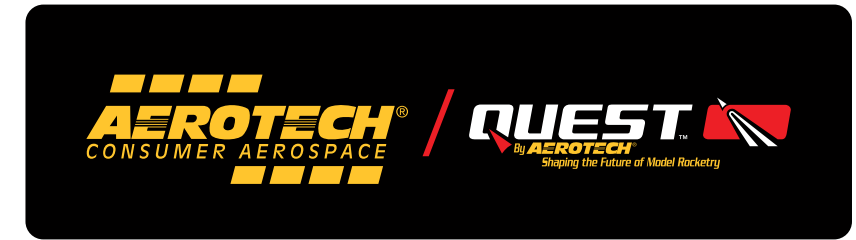
18mm B14T Q-Jet™

- Blue Thunder™ propellant
- Phenolic nozzle
- 5.0 N-sec total impulse
- 0.38 sec burn time
- 2.3 g propellant weight
- 16.1 g total weight
- 3, 5 & 7 second delays
- TRA Certified & NAR Contest Certified
- \$11.99 MSRP for a complete 2-pack that includes FirstFire Micro Initiators, recovery wadding and Q-Pics
- Available now at NARAM-65!



iLaunch Wireless Launch Controller

- Your cell phone becomes a launch controller!
- Works with Android & iOS smartphones
- Range up to 150 feet
- Small launch box attaches to your launch pad
- Six (6) safety interlock systems including a removable key switch
- Two-handed, two-button operation
- Automatic 5-second countdown is reset if either hand is removed from a button
- Includes Velcro strap for attaching to your launcher
- \$79.99 MSRP introductory price, then \$99.99
- Availability now anticipated for fall 2024



Classic Enerjet Nike-Ram™



- Re-engineered by Enerjet historian Bob Sanford
- 35mm/1.38" diameter
- 61cm/24" long
- 113g/4.0oz empty weight
- Flies on E24C, F52C & F67C Classic Enerjets and other AeroTech Motors
- Flights up to a mile high!
- Now planned for fall 2024 release
- \$29.99 MSRP



International News



- Until 2019 all AeroTech motors exported overseas were exempt from U.S. State Department (State) regulations
- In 2019 we were asked by State to file for a new commodity jurisdiction (CJ) request
- The response resulted in a split decision by State. Motors with up to 5 lbs. propellant would continue to be exempt, while those over 5 lbs. would now be regulated
- Filing of DSP-5 license application, and DSP-83 “Nontransfer and Use Certificate”, with all supporting documentation also required
- Can take weeks or months or more
- Just recently State decided that all “end users” (i.e., customers/flyers) would need to be entered on the DSP-5 license application and would need to fill out and sign a DSP-83
- This has become an unacceptable administrative burden
- We have issued a new international dealer policy that will require international dealers to retail possession and control of all regulated products until used, similar to what we implemented during the ATF regulation times before 2009



And of Course...



There's One More Thing...



New threaded 1/8" launch rod



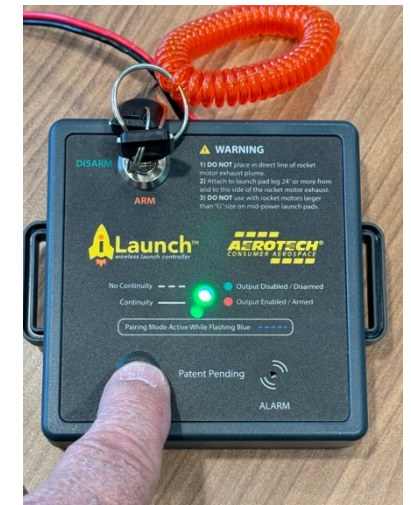
- Stainless steel
- Included with the Quest Lift-Off Launch Pad
- Included with all Quest launch sets
- Included with all Quest starter sets
- No extra cost on the starter sets
- Available now!



NARAM-65 Manufacturers' Forum Summary



- Limited quantity shipping is still big news for the hobby!
- Our new facility is fully operational and we are hiring
- Museum of CPHR and museum store are open now
- Many previously announced new products are on hold due to huge demand for existing products
- The 18mm B14T, 152mm O6000W and the 1/8" threaded stainless steel launch rod are available now!
- iLaunch and Nike-Ram are still planned for 2024 release
- International sales will be a little more difficult
- I want to thank Dane Boles, Karl Baumann, Jeremy Nelson, Kyle Anderson and the entire AeroTech/Quest/RCS team for helping to bring these new products to reality



Questions?



Thank you for your
participation and attention, and for
supporting us these 42 years!

