



# HM HOT CORNER

## AeroTech/Quest Offers Opportunities for Your Store

Opportunities in the model rocket category have really taken off over the past 20 years. From a product perspective, buyers have never had more choice and many of those choices come from AeroTech/Quest.

AeroTech/Quest is the largest producer of solid composite propellant model rockets, mid-power and high-power hobby rocket motors in the world. When it comes to the traditional model rocket and mid-power segment, AeroTech/Quest has a complete line of starter sets, launch sets, rocket kits, composite propellant model rocket motors, launch controllers, launch pads, accessories and educational value packs.

When a consumer presses the button on one of AeroTech/Quest's composite propellant rocket motors they are using the same family of solid composite propellant as NASA's Space Shuttle boosters, military missiles, sounding rockets and NASA's new SLS Moon Rocket.

The nature of solid composite propellant rocket motor technology lets AeroTech/Quest offer a variety of features, characteristics and benefits not available with traditional black powder model rocket motors.

To start, composite propellant produces more than 2.5 times the specific impulse or energy per weight than black powder does. That means AeroTech/Quest can produce a model rocket motor that is lighter and potentially smaller than the equivalent black powder motor type. That means more powerful motors will fit into rockets designed for smaller ones.

AeroTech/Quest offers three propellant formulations for in the traditional model rocket category and six in the mid-power model rocket category. Propellant formulations offer visual differences at lift-off and unique performance and flight profile characteristics.

Quest model rocket kits are also very price competitive and feature full-color display panels in high-clear PP bags with plastic "J" hook, with everything needed to make it easy to get started in the hobby. Quest kit designs are primarily targeted for the Skill Level One to Three area, where the majority of kit unit movement occurs.

All Quest Model Rocket Starter Sets include Skill Level One rocket kit, Lift-Off Launch Pad, Photon™ Launch Controller, three composite propellant Q-Jet model rocket motors, parachute recovery wadding, initiators, Q-Pics™ and reusable range operations box. Quest also offers Model Rocket Launch Sets without motors or launch accessories. Quest Model Rocket Starter Sets retail at \$55 and Launch Sets are under \$45 retail.

The AeroTech/Quest mid-power product line features 20 exciting, boxed rocket kits, supported by 23 AeroTech/Quest mid-power motor types with multiple time delays. Most of AeroTech/Quest's 20 boxed kits feature aerospace-style assembly with fin systems that fit directly through the body and into the motor mount just like real rocket vehicles.

The incredible Mantis Launch Pad, which swivels 360° with a 15° dial-in from vertical tilt, supports launching mid-power kits and rocket motors. Later this year, look for the new iLaunch™ Wireless Launch Controller that turns an Apple™ or Android™ cell phone into a wireless launch controller with auto count down and multiple safety interlocks.

The AeroTech/Quest product line offers a variety of exciting features and opportunities that can expand the scope and sales of any model rocketry department...and there's more.

### Educational Model Rocket Value Packs

AeroTech/Quest also produces Educational Model Rocket Value Packs for schools, camps, clubs and youth organizations. Quest Value Packs include the most popular model rocket kits and rocket motors utilized in school and youth model rocket programs. Kits include those with balsa fins, plastic fin-units, 14 in. parachutes, streamer recovery and are 20mm to 30mm in diameter.

### The Industry Leader & Supporter

Offering one of the largest model rocketry product lines isn't the only thing that makes AeroTech/Quest a leader in the market. They also go to great lengths to support retail shops with education on all the products. AeroTech/Quest knows an educated, excited sales staff is one of the best ways to increase sales.

They also support the industry at large. Aerotech will be presenting at this year's 2024 NRHSA Table-Top Expo in September. Also, be prepared to launch rockets in 2025, when Aerotech will be the primary sponsor of the event!

So, shoot for the moon with your rocket kit and motor sales this year. AeroTech/Quest will be behind you all the way.



## HIGH-POWER HOBBY ROCKETRY

### A NEW PROFIT CENTER FOR YOUR STORE!



### "H" TO "O" SIZE COMPOSITE PROPELLANT HOBBY ROCKET MOTORS



Photos by Nadine

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