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QUEST
The Outfitters for Aero & Space Education
Quest Aerospace, Inc.
PO Box 2409
Pagosa Springs, CO 81147

Your Coupon Code: GMF08

Fall 2008

EXCITE

YOUNG MINDS TO DREAM OF THE POSSIBLE



inspire

YOUR STUDENTS TO MAKE THE CONNECTION



WHAT DO YOU WANT TO
EXPLORE
TODAY?

FACTORY DIRECT Educators Catalog

QUEST
The Outfitters for Aero & Space Education

www.questaerospace.com

1-800-858-7302

THE OUTFITTER

FOR
**AERO &
SPACE**

EDUCATION



Need it Quick?

When you place your order Factory Direct with Quest, there is no "middleman," so you get your supplies the quickest way possible. Quest products are also available in Hobby Stores all across the USA, but many times the store may not have what you need in stock.



What's the best rocket for my age group?

How long will the rockets take to assemble?

What else do I need to fly the rockets?

How big of a flying field do I need?

***"Don't know a thing
about model rocketry?"***

YOU can do this!
We can help!

The Quest website is designed to easily guide you!
www.questaerospace.com

Still have problems?

Everyone who answers the phones here at Quest is a model rocket expert! We can give you all the guidance you need! Call us! 1-800-858-7302

Entry Level Value Packs

Starhawk VALUE PACK

Prod. No.	# of Kits	Factory Direct Pricing
5583	25	\$125 ⁰⁰
5483	12	\$60 ⁰⁰
5383	6	\$30 ⁰⁰

When Team Quest hits the road to work with kids, the Starhawk is the "kit of choice". The Starhawk's streamlined construction, single piece fin unit, and streamer recovery ensure that we can build and be ready for the field in a single 45 min. session! Assorted Colors.

Streamer Recovery



One-Piece Fin Unit

Viper VALUE PACK

Prod. No.	# of Kits	Factory Direct Pricing
5594	25	\$160 ⁰⁰
5494	12	\$78 ⁰⁰
5394	6	\$39 ⁰⁰

The Viper matches the simplicity of a single piece fin unit with the added complexity of parachute recovery. If you are working with students in middle school (and above) the Viper provides the perfect combination of challenge and precision flight. Colors may vary.

Parachute Recovery



One-Piece Fin Unit

Astra III VALUE PACK

Prod. No.	# of Kits	Factory Direct Pricing
5595	25	\$175 ⁰⁰
5495	12	\$84 ⁰⁰
5395	6	\$42 ⁰⁰

Designed to be "goof-proof." The molded fins slide right into the base for perfect alignment. A good follow-up kit after kids have built one of the simpler rockets. Colors may vary.

Parachute Recovery



Molded Fins

For the QUEST kits featured on this page we recommend using either A6-4 or B6-4 motors.

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Novia VALUE PACK

Prod. No.	# of Kits	Factory Direct Pricing
5582	25	\$125 ⁰⁰
5482	12	\$60 ⁰⁰
5382	6	\$30 ⁰⁰

Our most traditional rocket kit, the Novia features balsa wood fins and streamer recovery. Each Novia kit comes with a paper cradle that students can assemble - this is a big help in getting those fins to dry true and straight! Did you know the Novia has five possible fin configurations?

Streamer Recovery
Laser-Cut Balsa Fins



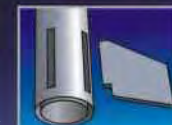
Paper Cradle
included to hold
rocket while
fins dry!

Astra VALUE PACK

Prod. No.	# of Kits	Factory Direct Pricing
5584	25	\$155 ⁰⁰
5484	12	\$76 ⁰⁰
5384	6	\$38 ⁰⁰

Since we introduced TTW technology in 2006, the Astra has been the #1 choice for educators who want the "balsa fin" experience but who love the speed and accuracy that TTW provides.

Parachute Recovery
Laser-Cut Balsa Fins



TTW Technology!

K-1 Series RTF

Assortment #5770

\$37⁰⁰

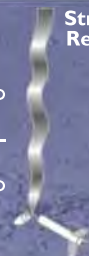
Factory Direct Pricing
Each assortment
includes 6 rockets

6 RTF Rockets
in Assorted Colors

Molded Fins

If you are looking for all of the excitement of launching (without the construction) then welcome to the world of Ready to Fly (RTF). Quest's new line of RTF rockets allow you to go from "box to launch pad" in under 5 minutes! How? RTF rockets come pre-assembled with recovery systems, motor mounts and fins - all you need to do is insert the motor (and wadding) and you're ready for the pads!

Streamer Recovery



Advanced Level Value Packs

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PAYLOADER ONE VALUE PACK

Prod. No.	# of Kits	Factory Direct Pricing
5585	25	\$165 ⁰⁰
5485	12	\$80 ⁰⁰
5385	6	\$40 ⁰⁰

With the added semi-transparent payload compartment, TTW fin construction and parachute recovery, the PayloaderONE mixes challenge and high performance!

Recommended motors: A6-4, B6-4, and C6-5



Parachute Recovery
Laser-Cut Balsa Fins



TTW Technology!

COURIER Egg Lofter VALUE PACK

Prod. No.	# of Kits	Factory Direct Pricing
5596	25	\$265 ⁰⁰
5496	12	\$128 ⁰⁰
5396	6	\$64 ⁰⁰

We can't think of many other ways that you can send an egg sailing 175 ft into the air and return it safely (and in time for breakfast!). The specially designed nose capsule comes unpadded – requiring your students to experiment with various methods of protecting Mr. Egg. The Courier rocket is a traditional balsa fin design and carries it's own parachute recovery.



Dual Parachute Recovery
Laser-Cut Balsa Fins



Egg Capsule!

Uses a small to med. size egg and requires B6-4 motors

Vertical Egg Experiment Project

V.E.E.P.
VALUE PACK #5577

\$35⁰⁰
Factory Direct Pricing



Uses small-medium sized eggs and requires B6-2 motors (below)

The Vertical Egg Experiment Project challenges your students to explore the best method and material to protect Mr. Egg! Students first experiment by 'hand launching' - then they send egg and capsule over 100ft in the air aboard the V.E.E.P re-usable booster rocket!

The V.E.E.P system is perfect for educators who want the benefit of experimentation but do not have the time for students to build individual kits. The V.E.E.P system comes with (6) capsule/ parachute sets, (1) re-usable 'common' booster (you can build the booster in under 20 mins).

V.E.E.P. Motor Packs VALUE PACK #5990

\$14⁰⁰
Factory Direct Pricing



The perfect motors for you Vertical Egg Experiment Project! Our B6-2 motors are specially timed for successful V.E.E.P flights. Each motor pack comes with (6) B6-2 motors, (9) Quest Q2 igniters, and wadding for (6) flights.

+1
option
option
option

Do you have 29 kids in your class? No problem! Any rocket kit featured in our Value Packs can be purchased individually at the same Factory Direct discount! *

Prod. No.	Name	Price each
1514	Astra III	\$7.00
1508	Q EZ Boost	\$8.50
1510	Courier	\$10.70
1512	Payloader ONE	\$6.60
1500	Novia	\$5.00
1502	Starhawk	\$5.00
1504	Astra	\$6.35
1506	Viper	\$6.50

*The Quest +1 Option only applies if you need more than a value pack quantity. You must order at least a Value Pack first, then add individual kits.

Products Designed for use with Phase II and Phase III of the CAP Program

TOMAHAWK

SLCM CRUISE MISSILE

Modeled after the US Navy Tomahawk SLCM Cruise Missile with flights up to 800 feet! This skill level 3 kit will challenge and excite rocketeers of all ages.

Recommended motors:
B6-4, C6-3 and C6-5

Prod. No.	# of Kits	Factory Direct Pricing
5671	6	\$72 ⁰⁰
3007	1	\$14 ²⁹



Parachute Recovery
Laser-Cut Balsa Fins

HARPOON

Accurately detailed to match the US Navy and Air Force SLAM AGM-84 Harpoon anti-ship missile. The Harpoon can reach a height of 800 feet.

Recommended motors:
B6-4, C6-3 and C6-5

Prod. No.	# of Kits	Factory Direct Pricing
5673	6	\$68 ⁰⁰
3008	1	\$13 ⁵⁰



Parachute Recovery
Laser-Cut Balsa Fins

X-15 SPORT

The hypersonic research aircraft that set speed records above Mach 4, create your model of history and launch it to heights above 900 feet.

Recommended motors:
A6-4, B6-4, C6-3 and C6-5

Prod. No.	# of Kits	Factory Direct Pricing
5670	6	\$63 ⁰⁰
2014	1	\$12 ⁵⁰



Parachute Recovery
Laser-Cut Balsa Fins

TERRIER ORION

Based on the US Navy surface-to-air missile that was converted to send payloads to near-space high altitudes, the Terrier Orion is a sleek addition to any rocket fleet. Flights can exceed 1000 feet.

Recommended motors:
B6-4, C6-3 and C6-5

Prod. No.	# of Kits	Factory Direct Pricing
5672	6	\$68 ⁰⁰
2015	1	\$13 ⁵⁰



Parachute Recovery
Laser-Cut Balsa Fins

Gliders are Fun and Challenging

Q E-Z Boost Glider VALUE PACK

Prod. No.	# of Kits	Factory Direct Pricing
5576	25	\$210 ⁰⁰
5476	12	\$102 ⁰⁰
5376	6	\$51 ⁰⁰

Truly the perfect tool to teach both simple aerodynamics and rocketry science at once! Your students build and trim the boost glider and then build the "booster rocket". On launch, the booster carries the glider nearly 500 ft into the sky - the glider gently circles back and the booster returns on a streamer.



Laser-Cut
Balsa Glider

Recommended motors:
A6-4 and B6-4

FLAT CAT VALUE PACK

Prod. No.	# of Kits	Factory Direct Pricing
5675	6	\$72 ⁰⁰
3006	1	\$14 ²⁹

Challenge your rocketeers with this level three boost glider kit. The Booster can elevate the glider up to 800 feet for long glide times.

Recommended motors:
B6-4 and C6-3

Two stage kits that fly like real NASA rockets!

ZENITH II VALUE PACK

Prod. No.	# of Kits	Factory Direct Pricing
5674	6	\$68 ⁰⁰
3005	1	\$13 ⁵⁰

The Zenith II includes a payload bay to send projects to high altitudes by utilizing a two stage booster. Flights up to 1500 feet are achievable, depending upon payload and motors used.

Recommended motors:
First Stage: B6-0 and C6-0
Second Stage: A6-4, B6-4, C6-3 and C6-5

NAVAHO AGM VALUE PACK

Prod. No.	# of Kits	Factory Direct Pricing
5676	6	\$63 ⁰⁰
3003	1	\$12 ⁵⁰

This incredible two stage rocket can soar higher than any other Quest Rocket with flights up to 2100 feet!

Recommended motors:
First Stage: B6-0 and C6-0
Second Stage: A6-4, B6-4, C6-3 and C6-5

First Stage Model Rocket MOTOR Value Packs

Designed to be used with Quest Two Stage Rockets. See page 12 for standard motors



B6-0 Rocket Motors

Prod. No.	# of Motors	Factory Direct Pricing
5992	12	\$28 ⁰⁰
5991	6	\$14 ⁰⁰
5745	3	\$7 ⁰⁰

C6-0 Rocket Motors

Prod. No.	# of Motors	Factory Direct Pricing
5996	12	\$32 ⁰⁰
5995	6	\$16 ⁰⁰
5742	3	\$8 ⁰⁰

Motors and Field Gear

Model Rocket MOTOR Value Packs

Motor Value Packs include Rocket Motors with Q2 Igniters and Recovery Wadding



A6-4 Rocket Motors

Prod. No.	# of Motors	Factory Direct Pricing
5597	25	\$48 ⁰⁰
5697	12	\$24 ⁰⁰
5797	6	\$12 ⁰⁰



B6-4 Rocket Motors

5598	25	\$52 ⁰⁰
5698	12	\$26 ⁰⁰
5798	6	\$13 ⁰⁰



C6-3 Rocket Motors

5593	25	\$58 ⁰⁰
5693	12	\$28 ⁰⁰
5793	6	\$14 ⁰⁰



C6-5 Rocket Motors

5599	25	\$58 ⁰⁰
5699	12	\$28 ⁰⁰
5799	6	\$14 ⁰⁰



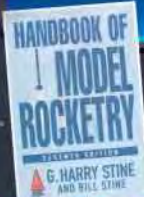
Q2
#7022

\$6⁰⁰
Factory Direct Pricing

Model Rocket Igniters
6 in each package

The HANDBOOK
#9502

\$22⁰⁰
Factory Direct Pricing



The "Bible" of Model Rocketry and the official handbook of the National Association of Rocketry (NAR). 7th Edition, revised and updated by Quest President, Bill Stine.



14" PARACHUTE
#7810

\$3⁰⁰
Factory Direct Pricing

Vivid colors with gripper tabs and pre-cut shroud lines.

Inclinometer SKYSCOPE
#7812

\$7⁰⁰
Factory Direct Pricing



Answer the natural question "how high did my rocket fly?". The Skyscope is an easy and inexpensive tool for determining the height of a model rocket's flight! Simple to build and easy to use. Package of two with inquiry-based curricula included.

RECOVERY WADDING
#7021

\$4⁰⁰
Factory Direct Pricing

100 sheets for approx. 25 flights.

Launch & Control

COMPLETE Launch Pack

Launch Value pack #7800

\$67⁰⁰
Factory Direct Pricing



EVERYTHING YOU NEED TO FLY!

- 25 A6-4 Motors
- 30 Q2 Igniters
- 100 Sheets Recovery Wadding
- 1 Launch Controller
- 1 Launch Pad
- 1 External Battery Connector (EBC)

Add this Launch Pack to any of our Kit Value Packs

Substitute B6-4 motors: Pack Price \$71.00 • Substitute C6-3 or C6-5 motors: Pack Price \$77.00

Model Rocket LAUNCH SYSTEM

Combo Offer #7700E

\$19⁰⁰
Factory Direct Pricing



Includes Quest Launch Pad, Quest controller, External Battery Connector (EBC) - motors not included.

How Many Do I Need?

Here's a good 'rule of thumb' - for every twelve students, you should have one launch pad and one controller. And remember - always have extra batteries on hand for your launch controller!



Q20 BIG SIX
#7307

\$50⁰⁰
Factory Direct Pricing

High Performance Water Rockets

Great for camps, afterschool programs, and special events. The Q20 Big Six water rockets are amazing to watch and really easy to fly! The secret is in the custom high pressure bottle - all you need to add is water and pressurized air (via a standard bicycle pump) - then watch the Q20 soar to over 200ft.

Each Q20 rocket comes with ultra-soft rubber nosecone (for super safe landings) and laser cut balsa that easily attach with a low-temp glue gun. Next, just "snap" your rocket into the Q20's unique launch pad to ensure a safe and reliable launch every time! Did you know that the Q20 launch pad also works well with standard one and two liter soda bottles?

- Each Big Six come with:
- (1) Q20 Launch Pad
 - (6) High Performance Water Rockets
 - (6) Fin sets (2 each of three styles)

Exciting, simple, safe and reusable, the Q20 will make your next event a Blast!

Aerospace Education Products

1-800-858-7302
www.questaerospace.com

THE OUTFITTER

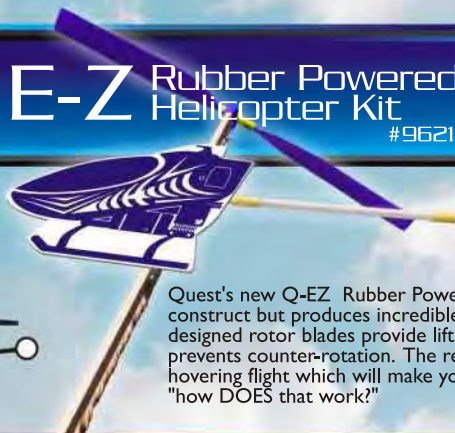
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Q E-Z Rubber Powered Helicopter Kit

#9621

UNITS	PRICE EACH
1-12	\$2.75
13-24	\$2.50
25+	\$2.25



12" Tip to Tail
12.5" Propeller

Quest's new Q-EZ Rubber Powered Helicopter is easy to construct but produces incredible flights to over 40 ft! Specially designed rotor blades provide lift while the rear stabilizer surface prevents counter-rotation. The result is a smooth and stable hovering flight which will make your students immediately ask "how DOES that work?"

QT Hand Toss Glider Kit

#9622

UNITS	PRICE EACH
1-12	\$2.25
13-24	\$2.00
25+	\$1.75



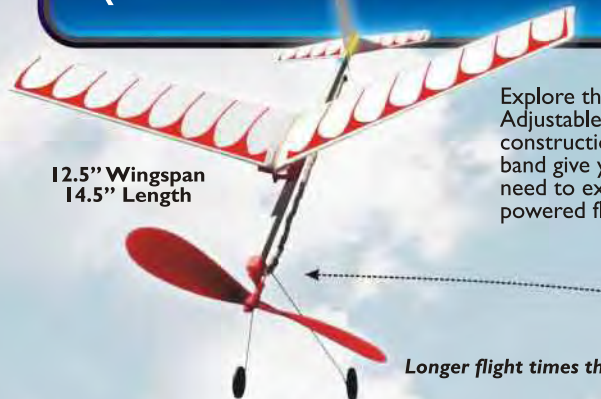
11" Wingspan
13.5" Length

Simple construction and adjustable control surfaces make the QT Glider a GREAT tool for teaching basic aerodynamics!

Q E-Z Rubber Powered Glider Kit

#9623

UNITS	PRICE EACH
1-12	\$2.75
13-24	\$2.50
25+	\$2.25



12.5" Wingspan
14.5" Length

Explore the next step in aerodynamics! Adjustable control surfaces, easy construction, and a high-quality rubber band give your students all the tools they need to explore the exciting world of powered flight.

Longer flight times than any other glider you can buy!

Q E-Z Ornithopter Kit

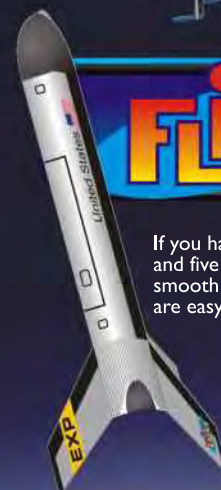
#9620

UNITS	PRICE EACH
1-5	\$6.00
6-10	\$5.00
11+	\$4.00



Flying solely by flapping it's wings, the mechanical bird is really challenging to build and fascinating to watch fly! Great for science fair projects. Grades 8+.

16" Wing Span
12" Length

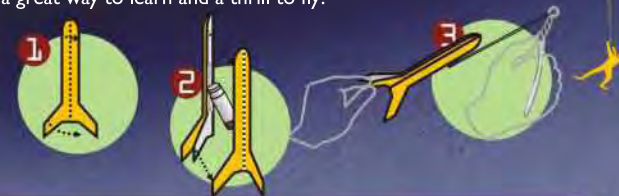


FLICS™ Precision Paper Model
Value pack #6300

\$12.00

Factory Direct Pricing
Each Value pack contains
12 FLICS Paper Models

If you haven't seen FLICS in action, we'll let you in on a little secret — one glue stick and five minutes is all it takes to build a three-dimensional paper rocket that smoothly sails into the air using nothing more than a rubber band for power. FLICS are easy to build, a great way to learn and a thrill to fly!



We want to see your QUEST event!

One of the best parts of our job here at Quest involves listening to and watching what educators do with our products! So we're asking the question: what have YOU done lately?

Let us know the basics (who, what, where, when, why) and send us as many photos as you have. We'll review your info, edit where needed, and pick a couple of the best photos for our feature!

To submit your information visit **RESOURCE CENTRAL** (accessible from www.questaerospace.com) or write to us at:

Quest Aerospace, Inc.
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Pagosa Springs, CO 81147-2409

