

This catalog describes our current line of model rocket kits and parts. For the most up-to-date information, as well as listings of launch and construction supplies, visit our World Wide Web site at <http://www.roguelight.com>!

Ready-to-Build™ Kits

EXPLORER

Skill Level 1
Part #10003

\$4.95

Just as the United States space program got underway with the Explorer I satellite, your model rocketry program can begin with *Explorer*, the perfect beginner's rocket! *Explorer* features a Nomex heat-resistant streamer for reliable recovery without the need for recovery wadding! Balsa fins, a lightweight plastic nose, colorful decals, and clear instructions round out the package. A simple display stand is also included with the kit, so you can show off your handiwork on the ground as well as in the air!

Categories	Sport
Max. Altitude	500m (1600 ft)
Length	34.8cm (13.7")
Diameter	18.7mm (0.736")
Mass	12g (0.42 oz)
Launch Rod	3mm (1/8")
Recovery	Nomex Streamer
Recommended Engines	½A6-2, A8-3, B4-4, B6-4, B6-6, C6-5, C6-7



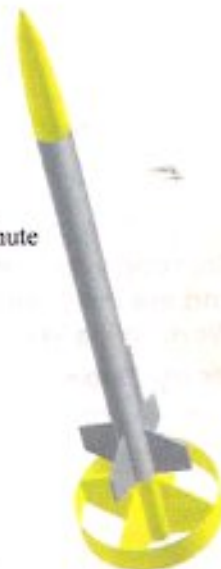
CROSSFIRE

Skill Level 2
Part #10000

\$14.95

Crossfire is an excellent first (or second or third!) two-stage rocket. The booster stage's fin ring adds to both the stability and the attractiveness of the model. Assembly is straightforward with balsa fins and plastic nose, and the included decals make for a rocket that looks as good as it performs!

Categories	Sport, Multistage
Max. Altitude	525m (1700 ft)
Length	50.9cm (20")
Diameter	24.8mm (0.976")
Mass	39g (1.4 oz)
Launch Rod	3mm (1/8")
Recovery	30cm Nylon Parachute
Recommended Engines	
Booster:	B6-0, C6-0
Sustainer:	B6-6, C6-7



HEX COURIER

Skill Level 2
Part #10019

\$12.95

Intended to transport information and packages through hostile territory, the *Hex Courier*-class ship, with its bank of six high-thrust magneto-impulse engines, is built solely for maximum speed. Our model features a unique slanted tube fin design and colorful decals for an attractive rocket that is a joy to launch!

Categories	Exotic, Sport
Max. Altitude	300m (1000 ft)
Length	57.1cm (22.5")
Diameter	24.8mm (0.976")
Mass	43g (1.5 oz)
Launch Rod	3mm (1/8")
Recovery	30cm Nylon Parachute
Recommended Engines	A8-3, B4-4, B6-4, C6-5



Gnat

Skill Level 1
Part #10002

99¢

The *Gnat* represents a breakthrough in the hobby rocketry industry – the return of a rocket for under a dollar! A snap to assemble, this kit can easily be built, painted, and flown in one afternoon. Be sure to paint it in high-contrast colors – it will soar out of sight on an A engine! Why pay over three dollars for a similar bird...when you could buy three *Gnats* for the price and have a swarm!



Categories	Sport
Max. Altitude	300m (1000 ft)
Length	5.8cm (2.3")
Diameter	13.8mm (0.544")
Mass	2.5g (0.09 oz)
Launch Rod	3mm (1/8")
Recovery	Featherweight
Rec. Engines	1/2A3-2T, A3-4T

What's Included?

Each Rogue Aerospace model rocket kit includes all parts needed for assembly. All but the *Gnat* include decals for use in finishing your rocket.

The following supplies are generally required for assembly but are not included: adhesives (either cyanoacrylate or white glue may be used; plastic cement may also be required), sandpaper, hobby knife, scissors, and paint. To launch your completed rocket, you will need engines and a launch system, which are also not included, but are available at your local hobby shop or discount store.

AGM-3500 PEREGRINE

\$11.95

This sleek missile-like design features impressive performance and the special characteristics that make a rocket a Rogue Aerospace rocket! Plenty of decals are included to allow you to customize the rocket's look just the way you want it. (Rocket shown here without decals.) A nylon parachute and RAC's *Perma-Wadding™* permanent recovery wadding ensure trouble-free recovery flight after flight!



Skill Level 2
Part #10004

Categories	Sport
Max. Altitude	350m (1100 ft)
Length	36.4cm (14.3")
Diameter	24.8mm (0.976")
Mass	25g (0.88 oz)
Launch Rod	3mm (1/8")
Recovery	30cm Nylon Parachute
Recommended Engines	A8-3, B4-4, B6-4, C6-5

Unless otherwise specified, all model rocket engines listed as recommended for these kits are standard Estes® or Quest™ brand engines, available from your local hobby shop or discount store. Engines recommended for first flight are in bold type.

Space Needle

Skill Level 3
Part #10001

\$39.95

Space Needle is the longest D-powered rocket in production! Standing over nine feet tall, the *'Needle'* poses an awesome spectacle just sitting on your launch pad! Liftoff is slow and majestic, as this bird flies to altitudes of up to 200 meters (over 600 feet) on a D engine before separating into two sections for a slow descent to earth under matching 45cm parachutes. With E-engine power, the *'Needle'* can fly to over 700 meters (nearly half a mile)! *Space Needle* disassembles quickly into three sections of approximately equal length for easy transport and storage. As a bonus, the *'Needle'* boasts the longest payload section available in a production model rocket kit – it's over five feet in length!

Categories	Sport
Max. Altitude	700m (2300 ft)
Length	284cm (9' 4")
Diameter	33.7mm (1.325")
Mass	170g (6.0 oz)
Launch Rod	5mm (3/16")
Recovery	Dual 45cm Nylon Parachutes
Rec. Engines	D12-5, E6-6*

*NOTE: E6-6 engine is available from Apogee Components! (on the web at <http://www.ApogeeRockets.com>)

Parts

Creating your own unique rocket design? Rogue Aerospace rocket parts are of the highest quality, and are available in industry-standard sizes. Our selection is expanding daily, so please check our World Wide Web site for the latest information!

Body Tubes

Part#	Designation	Replaces	Outside Diameter	Inside Diameter	Length	Mass	Price
01000	T-6	---	6.3mm (0.246")	5.6mm (0.220")	86.4cm (34")	4.6g (0.17 oz)	\$1.50
01001	T-11	---	11.4mm (0.448")	10.7mm (0.422")	86.4cm (34")	9.8g (0.35 oz)	\$1.75
01002	T-14	BT-5, ST-5	13.8mm (0.544")	13.2mm (0.518")	86.4cm (34")	10.8g (0.38 oz)	\$1.90
01003	T-19	BT-20	18.7mm (0.736")	18.0mm (0.710")	86.4cm (34")	15.9g (0.56 oz)	\$2.00
01013	T-19E	BT-20	18.7mm (0.736")	18.0mm (0.710")	7cm (2.75")	1.1g (0.04 oz)	3 for \$0.90
01004	T-25	BT-50	24.8mm (0.976")	24.1mm (0.950")	86.4cm (34")	21.0g (0.74 oz)	\$2.25
01005	T-31T	---	30.7mm (1.21")	29.0mm (1.14")	86.4cm (34")	65.2g (2.30 oz)	\$4.50
01006	T-34	BT-55	33.7mm (1.325")	32.6mm (1.283")	86.4cm (34")	39.0g (1.38 oz)	\$3.00
01007	T-117	---	116.5mm (4.586")	114.7mm (4.514")	86.4cm (34")	234g (8.25 oz)	\$9.90
01008	T-117R	---	116.5mm (4.586")	114.7mm (4.514")	2.5cm (1")	7.0g (0.25 oz)	\$0.50

Centering Rings

Part#	Designation	Mounts	Outside Diameter	Inside Diameter	Length	Mass	Price
02000	CR-0611	T-6 in T-11	10.7mm (0.420")	6.4mm (0.250")	3mm (1/8")	0.13g (0.005 oz)	4 for \$0.95
02001	CR-1114	T-11 in T-14	13.1mm (0.516")	11.4mm (0.450")	3mm (1/8")	0.075g (0.003 oz)	4 for \$0.95
02004	CR-1419	T-14 in T-19	18.0mm (0.708")	13.9mm (0.546")	3mm (1/8")	0.30g (0.011 oz)	4 for \$0.95
02006	CR-1925	T-19 in T-25	24.1mm (0.948")	18.7mm (0.738")	3mm (1/8")	0.50g (0.018 oz)	4 for \$0.95
02008	CR-1934C	T-19 in T-34	32.6mm (1.283")	18.7mm (0.738")	0.8mm (1/32")	0.37g (0.013 oz)	4 for \$1.25
02011	CR-2531	T-25 in T-31T	28.7mm (1.130")	24.8mm (0.976")	6mm (1/4")	0.80g (0.028 oz)	4 for \$0.95
02012	CR-2534	T-25 in T-34	32.6mm (1.283")	24.8mm (0.976")	6mm (1/4")	1.48g (0.052 oz)	4 for \$0.95

Designations ending in C indicate die-cut rings; all others are spiral-wound.

RocketBuilder™ is coming!

A revolutionary new rocket design package, *RocketBuilder* will provide the hobbyist with prototyping tools heretofore unheard of in the industry. The stability calculation and flight simulation capabilities typical of existing design software will be augmented with three-dimensional design and viewing tools to provide unprecedented power and ease of use.

RocketBuilder Lite will be released as freeware in Second Qtr '98! Check <http://www.roguelight.com/RocketBuilder/> for the latest information!

Our new expanded catalog will be coming soon!

We'll be mailing out our Spring 1998 catalog in a couple of months, with some new rocket kits and a complete listing of parts and supplies! Watch for it!