

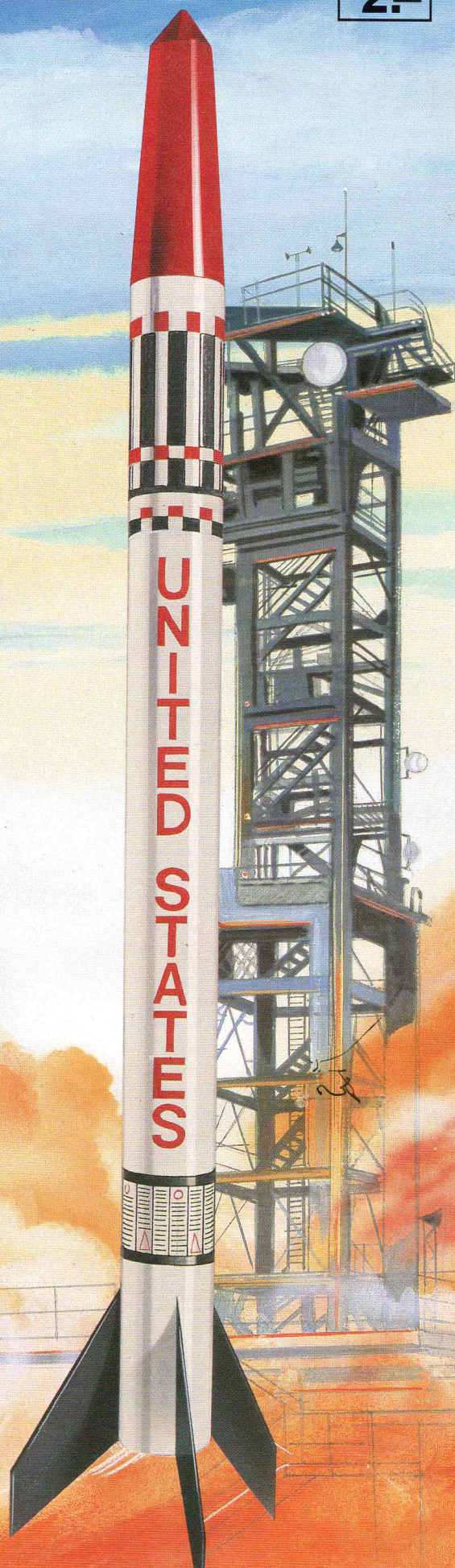
\$2.00

Enjoy a
hobby that's
bursting
with
excitement...

MRCTM



Model Rectifier Corporation



...Explore the exciting reaches of space.

Experience the exhilaration of 300 mile per hour speeds. The power of rocket engines capable of exerting high G forces. Of altitudes a third of a mile high. Of tracking trajectory smoke trails up to 2,000 feet in the air, and parachute recovery systems that allow your rocket to float gently back to earth.

Come, experience MRC Rocketry, it is safe and exciting.

And you'll be a part of a hobby that has hundreds of thousands of enthusiasts. 10...9...8...weather condition ideal...clear sky, wind from the southwest at 3 to 5 knots...7...6...5...Power Blast Igniters linked and ready...launch pad perfectly positioned...4...3...2...Spectators clear...all systems GO...1...ZERO...Initiate Electro-Launch Controller Firing Sequence...IGNITION...in a cloud of exhaust with lightning speed.

Lift Off!!!

With an awesome thrust your MRC rocket hurtles skyward, making a mockery of gravity. Sleek and smooth, it slices through the atmosphere, staying true to your carefully projected trajectory.

You trace its path by tracking the unique Engine Trajectory Tracking Exhaust. And, at the apogee of its flight, the perfectly timed, secondary ejection charge deploys the recovery chute. With a graceful, gentle sway your MRC rocket returns to earth to fly another day. Mission accomplished.

A broad selection.

MRC has computer-aided designs for every skill level...from the advanced 29" tower of power kit called The Wildfire to Almost-Ready-To-Launch Starter Sets like the Mach V and The Rebel. See them all.

MRC...A Commitment to Model Rocketry... A Dedication To Product Excellence.

Model Rectifier Corporation has been one of the leading manufacturers and suppliers of hobby products in the United States for more than 40 years. Our dedication to developing advanced hobby products has given us a reputation for outstanding quality and excellent customer satisfaction.

When MRC decided to create an advanced line of model rocket products, we gave our design engineers 3 years to develop, test and create our own special parameters for safety and performance. We also gave our engineers the command to "Innovate." This requirement assures that our growing line of model rocketry products will continue to add still more excitement to the sport of model rocketry, and will reinforce your interest for years to come.

MRC model rockets use safe solid propellant engines that are removable from the model rocket body so that the rocket itself can be reused many times. Our engines feature "Trajectory Tracking Exhaust Formula" for maximum visibility. You will find our model rocket kits, launch equipment and accessories all have distinct features that make model rocketry safe and more enjoyable. MRC...we put quality and enjoyment into every model rocket product.

Obviously, this catalog can't go into depth on all items, so if you have any questions, ask your local dealer. If he can't help you, write or call us directly. We're here to serve you.

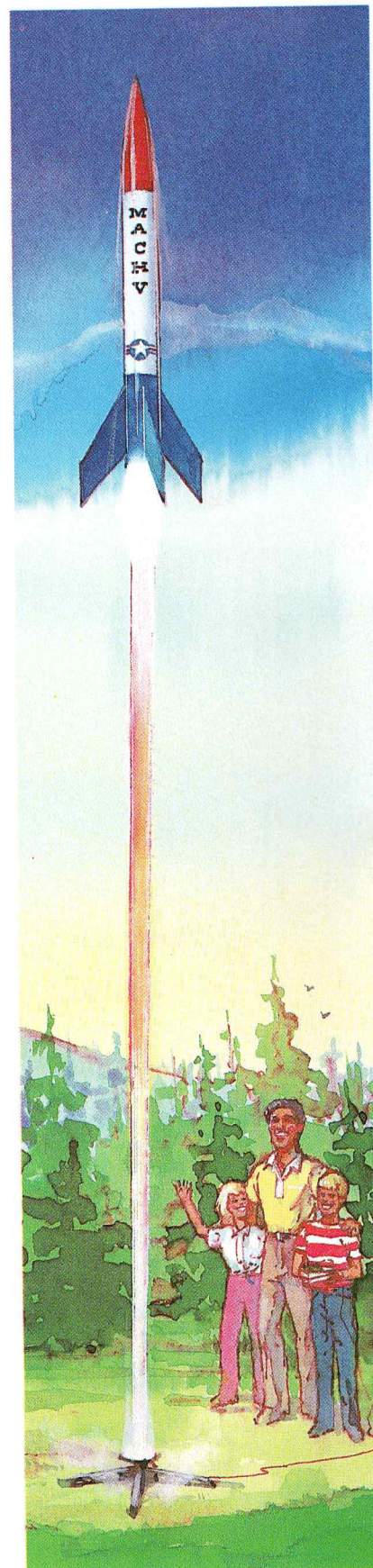
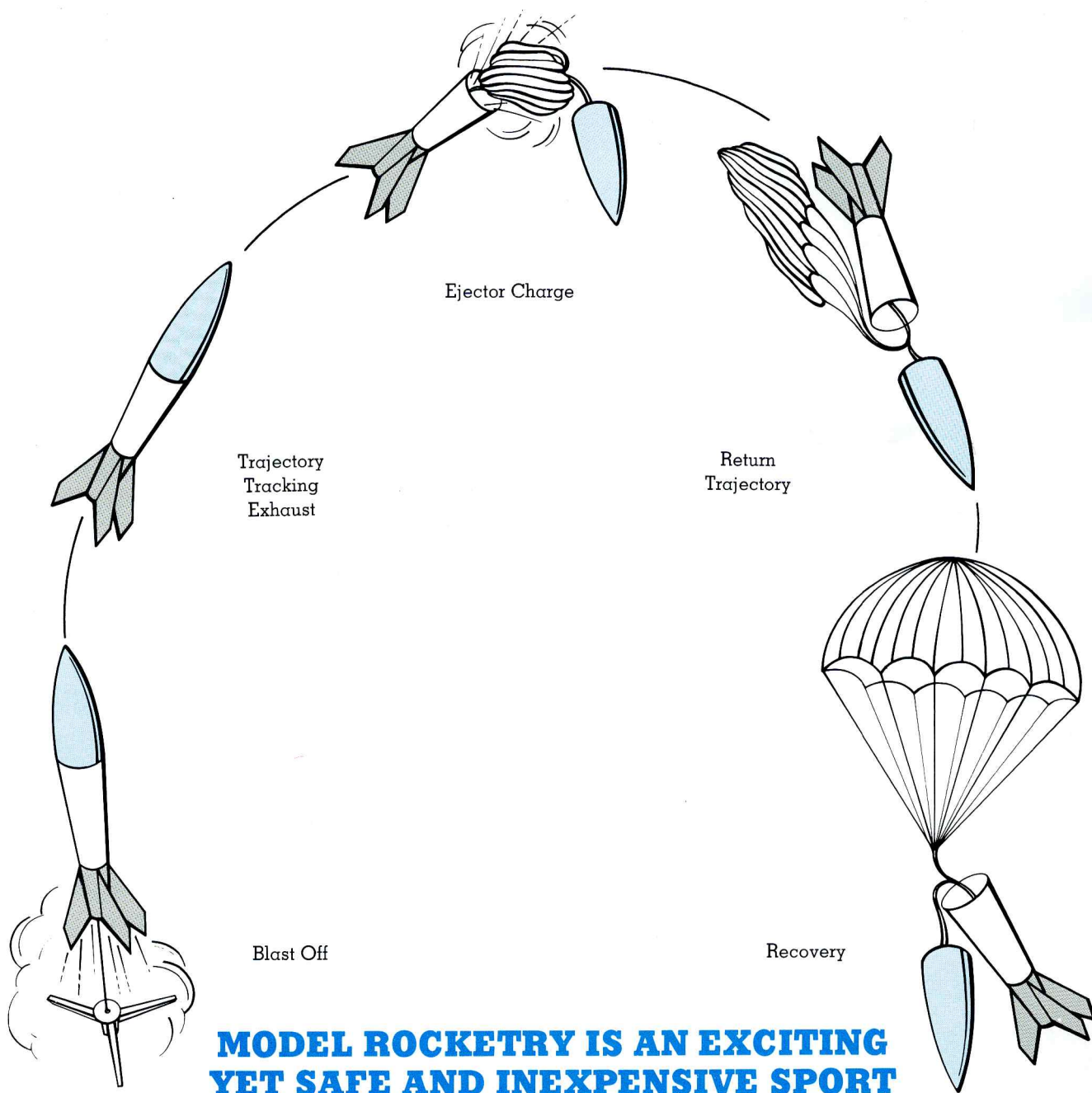


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Rocket kits are recommended for ages 10 to adult. Adult supervision recommended for ages 12 years and under.

TYPICAL MODEL ROCKET FLIGHT



MODEL ROCKETRY IS AN EXCITING YET SAFE AND INEXPENSIVE SPORT

MRC has a wide variety of rockets, so if you're just getting into the excitement of rocketry, or you're already a pro looking to enlarge your collection, there's a good reason to select MRC as your choice. MRC rockets can generally be used over and over again.

A model rocket is launched by a remote electrical launcher from a launch pad. A brief period of powered flight is followed by a coasting period, during which a smoke trail is released to aid in tracking the rocket. An ejection charge then pushes out a recovery system such as a parachute which lowers the rocket safely for another flight.

Since there are a variety of MRC engine sizes, it is easy to control the altitude from a particular rocket. So for your first flight or your 100th, fly with MRC engines and watch with wonder at the performance and special Trajectory Tracking smoke trail left by MRC rocket engines.

As you read through this catalog many of the mysteries of model rocketry should disappear and you will quickly see that rocketry is a fun sport.

BEGINNER LEVEL KITS

MRC's engineers worked hard to bring to the rocketry hobbyist the easiest to build and best performing model rocket kits for the beginner. They used CAD (Computer Aided Design) programs to yield the best most advanced results. They looked for ways to increase quality by using injection molded nose cones on all of our beginner rocket kits. Instead of wetted decals, peel and stick decals were chosen. Instructions were written for the first time sport enthusiast. The result? Beginner Kits that are suitable for novices because of their simplicity yet appealing to experts because of their high performance and eye-catching appearance.

At MRC we created beginner kits you can depend on for stable, safe, high performance flights. Get an MRC beginner rocket to take you to new altitudes of excitement. If you are just starting out in model rocketry may we suggest you purchase an MRC starter kit. It has everything you will need except for glue, AA size batteries and perhaps some paint.

TR604 — MACH V COMPLETE STARTER KIT

MRC has made the first steps into model rocketry easier with this complete set. The MACH V rocket is Almost Ready to Fly, having been 90% completed. All that is needed is to assemble the parachute and shock cord mount.

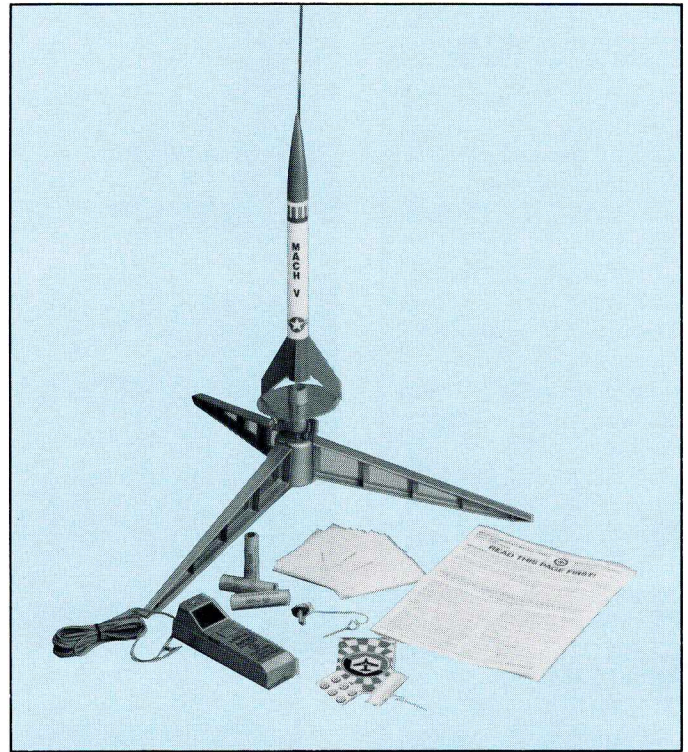
To get the MACH V going, the ELECTRO LAUNCHER and LUNAR LAUNCH PAD are included. The ELECTRO LAUNCHER is one of the easiest electrical launch systems to assemble and requires only 4 "AA" alkaline batteries for operation. The ELECTRO LAUNCHER is easily held, and comes with an Armed Light and Safety Key interlock plus 17 feet of cord with Alligator clips.

The LUNAR LAUNCH PAD is an advanced launch pad and launch rod combination for easier set up at the launch site. The LUNAR LAUNCH PAD sits on 3 removable sturdy plastic legs for stability. The blast plate, stand off and launch rod can be angled in almost any vertical direction, due to the use of MRC's ball swivel design. The launch rod material used is coated red fiberglass. The rod is easier to see at a launch site and does not suffer from the bending and kinks that a metal rod

will get. The LUNAR LAUNCH PAD is easily disassembled for safe storage.

Three High Thrust A8-3 solid propellant rocket engines are included. These engines feature MRC's exclusive **"Trajectory Tracking Exhaust Formula"** for superior visibility of the model during its ascent. Three **"Power Blast"** igniters are also provided that use glass bead separators for easier installation and improved reliability, plus a special pyrotechnic coating on the igniter tip for better ignition.

For safe, reliable recovery, MRC provides at least 100 sheets of our Recovery Wadding which protects the parachute or streamer from hot ejection gases. The wadding is made of chemically treated, tough fibrous material that won't disintegrate easily under force. All of these items are supported by our instruction booklet that covers each part of the system in depth; written for clarity and well illustrated. We're sure you will get a good lift-off in the hobby with the MACH V Complete Starter Kit!



FEATURES:

- Ready-to-fly rocket and parachute
- Lunar Launch Pad
- Electro Launcher
- Three A8-3 High Thrust Engines
- Three "POWER BLAST" Igniters
- 100 Sheets of Fibrous Recovery Wadding
- Computer Aided Design for stable high altitude flights
- Capable of altitudes of up to 1,000 feet
- Swivel Launch Pad for blasting off against the wind or on uneven ground
- Highly visible Engine TRAJECTORY TRACKING EXHAUST FORMULA
- No painting necessary. Authentic rocket decals in place

MACH V

Specifications:

Length: 15.24 in. (387 mm)
Body Diameter: .976 in. (24.8 mm)
Weight: 1.34 oz. (38 grams)
12" Diameter Parachute
Recovery System included

Recommended

Engine:

1/2A6-2, A8-3 (first flight),
B4-4, B6-4, C6-5

TR603 REBEL COMPLETE STARTER KIT-

This package has all of the same features as the Mach V Starter Kit except we provide the ultra-sleek REBEL ARF Rocket Kit which can travel as high as 1,200 feet! The REBEL features bat-like molded fins, a molded nose cone and parachute recovery.

FEATURES:

- Ready-to-fly rocket and parachute
- Lunar Launch Pad
- Electro Launcher
- Three A8-3 High Thrust Engines
- Three "POWER BLAST" Igniters
- 100 Sheets of Fibrous Recovery Wadding
- Computer Aided Design for stable high altitude flights
- Attains altitudes of 1,200 feet or more
- Swivel Launch Pad for blasting off against the wind or on uneven ground
- Highly visible Engine TRAJECTORY TRACKING EXHAUST FORMULA
- No painting necessary. Authentic rocket decals in place

REBEL

Specifications:

Length:
15.08 in. (383 mm)
Body Diameter:
.976 in. (24.8 mm)
Weight:
1.17 oz. (33.2 grams)
12" Diameter Parachute
Recovery System included

Recommended Engine:

1/2A6-2, A8-3 (first flight),
B4-4, B6-4, C6-5, C6-7



TR610 FIREFIGHTER COMPLETE STARTER KIT-

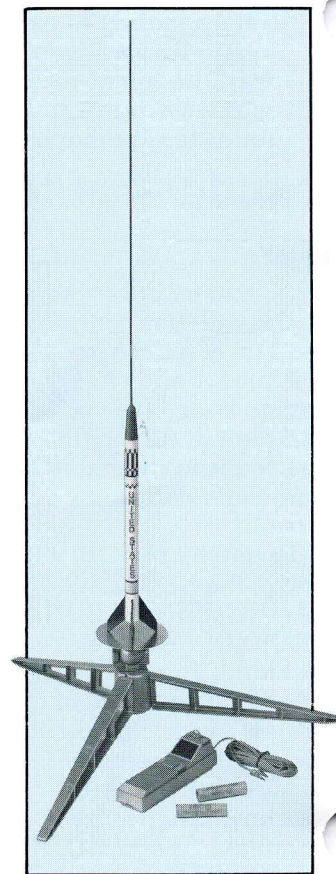
We've made this Starter Kit at an economical price without scrimping on our high-tech features!

The rocket kit is our high flying FIREFIGHTER, capable of reaching heights well over 1,200 feet. The dual conical injection molded nose cone sits on top with 3 die-cut balsa fins and streamer recovery. Plus, our colorful self-adhesive decals make the FIREFIGHTER resemble a real rocket.

The package contains our Electro Launcher launch system, the Lunar Launch Pad and rod, two A8-3 High Thrust engines, two Power Blast Igniters and our super strength Recovery Wadding. Our detailed instructions won't let you down-with the FIREFIGHTER Complete Starter Kit, you're on your way to sport rocketry enjoyment.

FEATURES:

- Firefighter Model Rocket Kit
- Lunar Launch Pad
- Electro Launcher
- Two A8-3 Engines
- Two "Power Blast" Igniters
- Flame Resistant Recovery Wadding
- Computer Aided Design Provides for Safe, Hi Performance Flights.
- Capable of Altitudes of More Than 1,200 Feet.
- Swivel Launch Pad For Blasting Off Against The Wind Or On Uneven Ground.
- Highly Visible Engine TRAJECTORY TRACKING EXHAUST FORMULA



FIREFIGHTER

Specifications:

Length:
13.56 in. (344.5 mm)
Body Diameter:
.736 in. (18.7 mm)
Weight:
.55 oz. (15.6 grams)
30" Streamer Recovery
System included

Recommended Engine Sizes:

1/2A6-2, A8-3 (first flight),
B4-4, B6-4, C6-5, C6-7

Paint and glue required for assembly.

TR100 STARFIRE -

It's our smallest size rocket, standing only 11.75 inches from the rear of its die-cut balsa fins to the tip of its red plastic nose cone. However, MRC's use of CAD (Computer Aided Design) has created an outstanding performer from such a little package. Added to the Kit are MRC's self-adhesive color decals for quick finishing of the model. Because of its aerodynamic shape and low weight the STARFIRE can achieve flights up to 1,800 feet! That's quite an accomplishment for this pint-sized powerhouse, capable of assembly by beginners. Recovery is accomplished using a brightly colored orange streamer.

FEATURES:

- Quick simple assembly
- All parts pre-cut
- Computer designed for stable high altitude flights
- Bright colorful decals

Great for beginners

STARFIRE

Specifications:

Length:
11.75 in. (298.5 mm)
Body Diameter:
.736 in. (18.7 mm)
Weight:
.486 oz. (13.8 grams)
30" Streamer Recovery
System included

Recommended Engine Sizes:

1/2A6-2, A8-3 (first flight),
B4-4, B6-4, C6-5, C6-7

Paint and glue required for assembly. Launch system and rocket engines required for flight.



TR101 FIREFIGHTER -

The long and thin 13.56 inch shape of the FIREFIGHTER is poised to deliver outstanding flights. The dual conical shape of the red plastic molded nose cone is different than many others and is quite distinctive. Die-cut balsa swept fins speed assembly; our thorough instructions won't let the beginning rocketeer down. MRC's bright, color self-adhesive decals make the FIREFIGHTER realistic in appearance. Streamer recovery will bring the FIREFIGHTER back safely from extreme heights.

FEATURES:

- Quick simple assembly
- All parts pre-cut
- Aerodynamically advanced design
- High impact nose cone for long life

Great for beginners

FIREFIGHTER

Specifications:

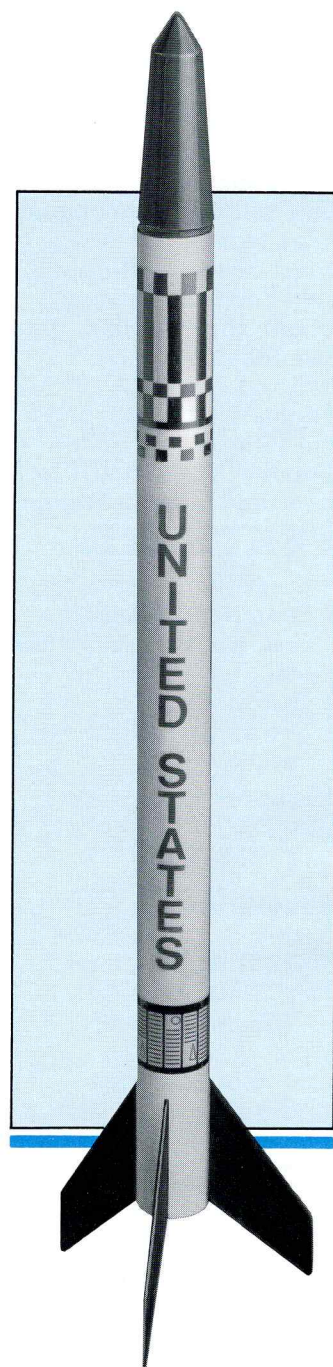
Length:
13.56 in. (344.5 mm)
Body Diameter:
.736 in. (18.7 mm)
Weight:
.55 oz. (15.6 grams)
30" Streamer Recovery
System included

Recommended

Engine Sizes:

1/2A6-2, A8-3 (first flight),
B4-4, B6-4, C6-5, C6-7

Paint and glue required for assembly. Launch system and rocket engines required for flight.



TR104 HORNET -

It would be hard for anyone to find a rocket other than the HORNET that is simpler to build and yet performs so well. A premolded nose cone and high strength plastic fin assembly combine with a tough body tube and quick change engine mount for fast construction. Self-adhesive decals produce a bright, shiny finish that "wetted decals" can't match.

Flights are superb; and the 12 inch parachute permits the HORNET to be used again and again.

FEATURES:

- Quick simple assembly
- Pre-molded hi-impact nose cone and fins for long life
- Colorful decals
- Recovery parachute included

Great for beginners

HORNET

Specifications:

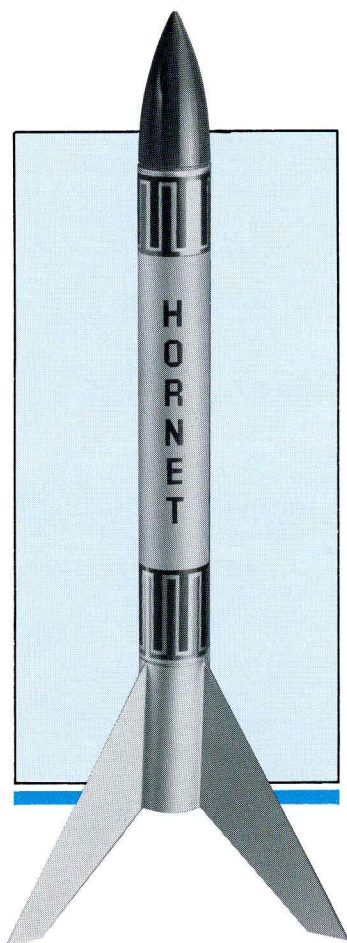
Length:
12.91 in. (327.9 mm)
Body Diameter:
.976 in. (24.8 mm)
Weight:
1.29 oz. (36.6 grams)
12" Diameter Parachute
Recovery System included

Recommended

Engine Sizes:

1/2A6-2, A8-3 (first flight),
B4-4, B6-4, C6-5, C6-7

Paint and glue required for assembly. Launch system and rocket engines required for flight.



TR102 HOTSHOT -

Rising on a cloud of smoke, the HOTSHOT produces flights up to 1,200 feet. MRC's use of CAD (Computer Aided Design) is an important part of the HOTSHOT'S design. Four die-cut swept balsa fins and the blue plastic molded ogive nose cone are simple for beginners to add to the basic body. A quick change engine mount permits replacement of used engines with no fuss. A 12 inch diameter parachute lowers the HOTSHOT back to your recovery team for more high flying flights.

FEATURES:

- Recovery parachute included
- Complete assembly directions included
- Computer designed for stable high altitude flights
- Authentic decal stickers

Great for beginners

HOTSHOT

Specifications:

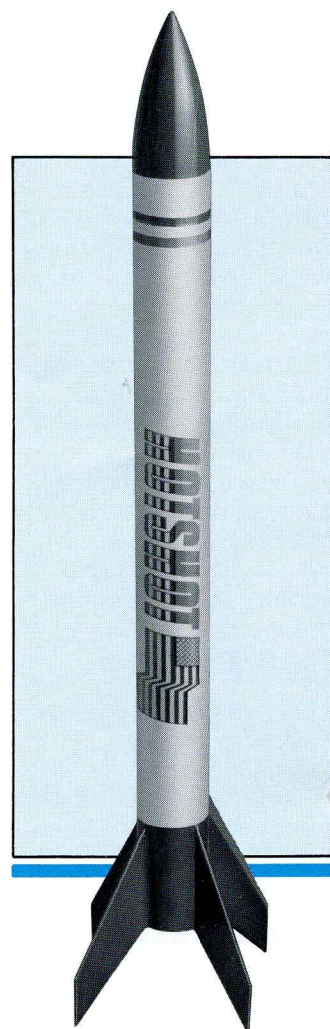
Length:
13.69 in. (347.7 mm)
Body Diameter:
.976 in. (24.8 mm)
Weight:
.825 oz. (23.4 grams)
12" Diameter Parachute
Recovery System included

Recommended

Engine Sizes:

1/2A6-2, A8-3 (first flight),
B4-4, B6-4, C6-5

Paint and glue required for assembly. Launch system and rocket engines required for flight.



TR105 ENFORCER -

With its shiny silver colored reflective body tube, the ENFORCER is the most brilliant rocket that you can find. Its bright reflection will create flashes of light on a sunny day as it streaks skyward at speeds in excess of 200 MPH. The injection molded bat-like fins were designed for aerodynamic efficiency to provide high altitude flights in excess of 1,100 feet.

Change over of engines is quickly accomplished with a quick change engine mount and a 12 inch diameter red and white parachute is included for safe reliable recovery.

The ENFORCER will be the one to stand out at the launch field so get yours today.

FEATURES:

- Bright silver decal for easy tracking during flight and recovery
- Durable bat shaped plastic fins
- Includes quick change engine mount
- Easy assembly

Great for beginners

ENFORCER

Specifications:

Length:

15.08 in. (383 mm)

Body Diameter:

.976 in. (24.8 mm)

Weight:

1.17 oz. (33.2 grams)

12" Diameter Parachute

Recovery System included

Recommended

Engine Sizes:

1/2A6-2, A8-3 (first flight),

B4-4, B6-4, C6-5, C6-7

Glue required for assembly.

Launch system and rocket engines required for flight.



TR106 XR-20 -

The letters "XR" stand for "Experimental Rocket" but the XR-20 is really a well-proven computer-designed model that only looks like a real experimental rocket. It stands almost 20 inches tall and carries the contrasting black and red self-adhesive decals. Not 1 but 3 launch lugs are included in the kit so that you can create an appearance of "dummy jets" on the sides of the rocket. The red plastic ogive nose cone and four die-cut balsa fins help speed assembly of this fun performer; a quick change engine mount helps engine installation. A red and white 12 inch diameter parachute returns the XR-20 rocket safely to earth.

FEATURES:

- Stands almost 20" high
- Long, sleek aerodynamic design
- Pre-cut lightweight balsa fins
- Realistic, scale-like decals

Great for beginners

XR-20

Specifications:

Length:

19.50 in. (495.3 mm)

Body Diameter:

.976 in. (24.8 mm)

Weight:

1.01 oz. (28.6 grams)

12" Diameter Parachute

Recovery System included

Recommended

Engine Sizes:

1/2A6-2, A8-3 (first flight),

B4-4, B6-4, C6-5, C6-7

Paint and glue required for assembly. Launch system and rocket engines required for flight.



TR110 BIG BEN -

It's outstanding! A rocket kit that is over 4 feet high yet flies on one A8-3 engine! The BIG BEN will draw crowds around your launch site. The BIG BEN's body is perched on a premolded set of 4 bat-like fins that permit accurate and aerodynamically correct assembly. All the way at the other end, the blue injection molded nose cone sweeps aside the air. A quick change engine mount and 12 inch parachute kit are included. Despite its size, the BIG BEN weighs only 1.75 ounces so that economical A, B, and C engines can be used. For enjoyable times at the launch field with a truly different rocket, try the BIG BEN!

FEATURES:

- Durable plastic nose cone and fins
- Bright, easy to apply decals
- Sleek, aerodynamic design
- Complete directions included

Great for beginners

BIG BEN

Specifications:

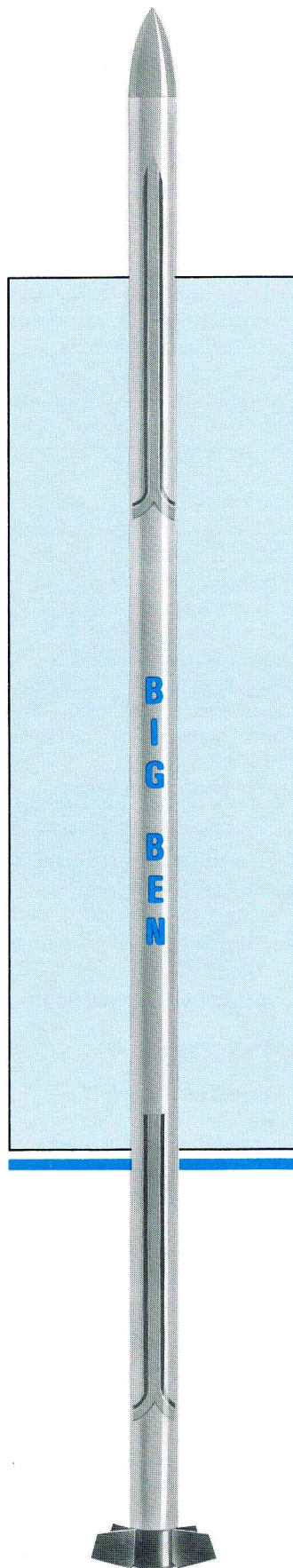
Length:
48.25 in. (1,225.5 mm)
Body Diameter:
.976 in. (24.8 mm)
Weight:
1.75 oz. (49.6 grams)
12" Diameter Parachute
Recovery System included

Recommended

Engine Sizes:

A8-3 (first flight),
B4-2, B4-4, B6-4, C6-3, C6-5

Paint and glue required for assembly. Launch system and rocket engines required for flight.



TR111 TIME TRAVELER -

This rocket with its unusual dual diameter body with transition shroud takes off so fast you would think it would create a time warp; thus inspiring its name. A dual conical molded nose cone and four die-cut balsa swept fins help speed assembly and flight of the TIME TRAVELER.

Because of its light weight, a compact 8 inch parachute is all that's needed for safe recovery. Even though the TIME TRAVELER is only 20.56 inches tall, the kit is still big enough to feature a quick change engine mount. It's a beginner's level rocket that has an advanced futuristic design and appearance - that's also why it's called the TIME TRAVELER.

FEATURES:

- Computer aided transition design
- Futuristic Decals
- Pre-Cut Balsa Fins
- Durable, Plastic Nose Cone

Great for beginners

TIME TRAVELER

Specifications:

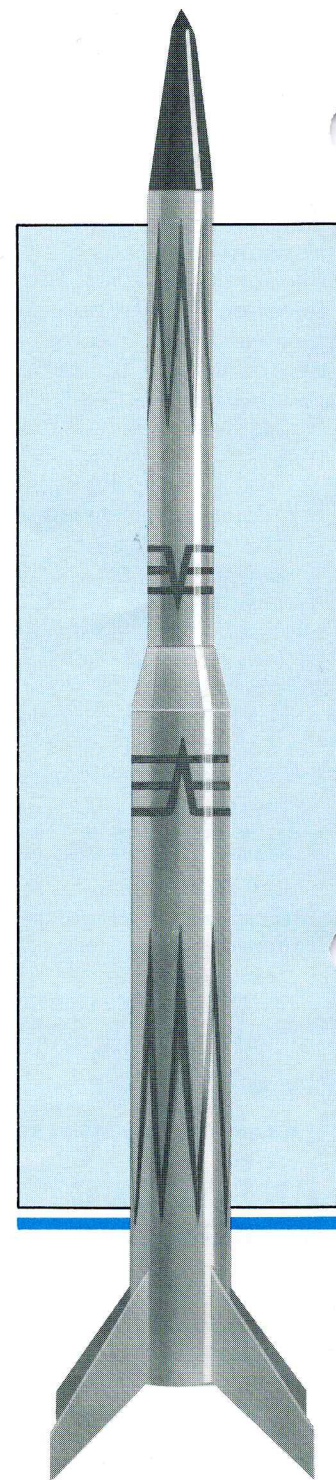
Length:
20.56 in. (522.2 mm)
Body Diameter:
.976 in. (24.8 mm) to
.736 in. (18.7 mm)
Weight:
1.02 oz. (28.92 grams)
8" Diameter Parachute
Recovery System included

Recommended

Engine Sizes:

1/2A6-2, A8-3 (first flight),
B4-4, B6-4, C6-3, C6-5

Paint and glue required for assembly. Launch system and rocket engines required for flight.



TR201 MACH V -

We call this kit an ARF-Almost Ready to Fly. You will say it's Almost Ready for Fun. The molded nose cone, fin assembly, body tube and full body decals with launch lug are preassembled. All you do is assemble the parachute and shock cord assembly to the rocket to finish the MACH V. Add an engine, igniter, recovery wadding, launch pad and launcher; then the MACH V is ready to go. The MACH V will surprise you with its exceptional high altitude flights, achieved with MRC's CAD system.

FEATURES:

- Quick, simple assembly
- Attains altitudes of 1,000 feet or more
- Computer aided design (CAD) for stable, high altitude flights
- No painting required

MACH V

Specifications:

Length:
15.24 in. (387 mm)
Body Diameter:
.976 in. (24.8 mm)
Weight:
1.34 oz. (38 grams)
12" Diameter Parachute
Recovery System included

Recommended

Engine Sizes:

1/2A6-2, A8-3 (first flight),
B4-4, B6-4, C6-5

Launcher, engine and glue
not included.



TR202 REBEL -

The appearance of the REBEL is the inspiration for its "rebellious" name. Bat-like molded fins, a pointed molded nose cone, body tube covered by a full body decal plus a parachute and shockcord mounting kit were custom designed for superior performance. The great surprise is that it is Almost Ready to Fly; assembly of the recovery system is all that's required to finish the REBEL.

The REBEL will startle you with straight, sky-high flights. Because of its simplicity, it's an excellent first kit for beginners or a great second kit for experienced modelers who need to fly in a hurry.

FEATURES:

- Quick, simple assembly
- Attains altitudes of 1,200 feet or more
- Computer aided design (CAD) for stable, high altitude flights
- No painting required

REBEL

Specifications:

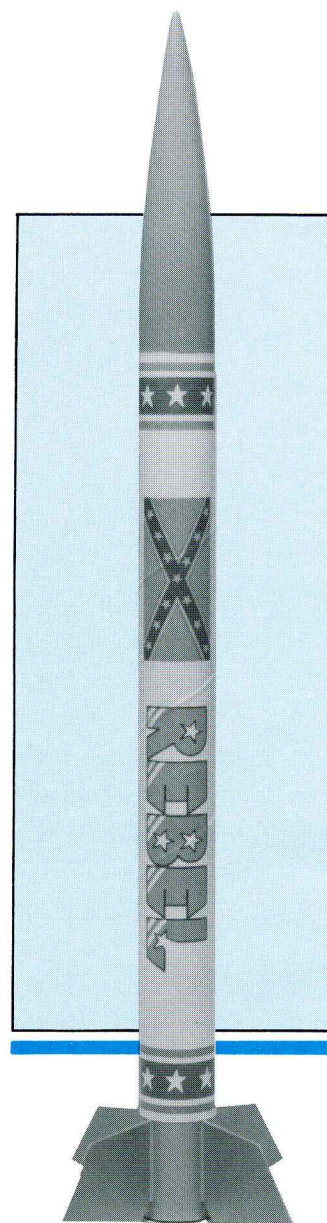
Length:
15.08 in. (383 mm)
Body Diameter:
.976 in. (24.8 mm)
Weight:
1.17 oz. (33.2 grams)
12" Diameter Parachute
Recovery System included

Recommended

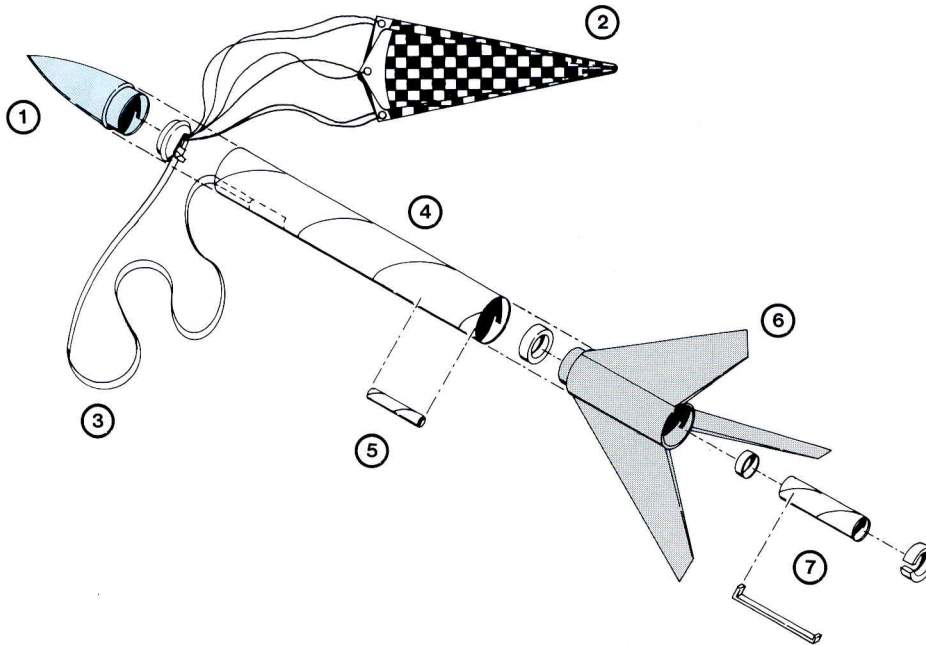
Engine Sizes:

1/2A6-2, A8-3 (first flight),
B4-4, B6-4, C6-5, C6-7

Launcher, engine and glue
not included.



ANATOMY OF A MODEL ROCKET



1. Nose Cone - Deflects the air around the rocket and covers the recovery system.
2. Recovery Device - Returns the rocket to the ground slowly and safely; can be a parachute or streamer or any aerodynamic lifting device. Usually is pushed out of the rocket by ejection charge of the model rocket engine.
3. Shock Cord - Absorbs the force of the nose cone and recovery device ejection and the force created by the action of the recovery device.
4. Body Tube - The main frame of the rocket. Recovery Wadding for the protection of the recovery device is usually inserted in the tube between the recovery device and the rocket engine.
5. Launch Lug - The launch lug, along with the launch pad rod, provides initial guidance for the rocket immediately after launch.
6. Fins - Provide aerodynamic guidance for the rocket throughout most of its flight. Can be molded plastic, balsa or plywood.
7. Engine Holder - Keeps the model rocket engine in place during thrust and ejection of the recovery device. Can be a hook system such as the quick change mount shown or an engine block with tape on the rear of the engine to hold it in the rocket body against the engine block.

INTERMEDIATE LEVEL ROCKETS

After you have built and flown a few beginner kits you should be ready to take on the challenge of building and flying MRC's fleet of large size high performance rockets. These are the ones that put you into orbit with features, good looks and stable flights. Sure they're big and bold but don't let that scare you, once you have some flying time and building skills you will find these kits go together easily and will perform for you time and time again.

Check out MRC's Wildfire with its payload compartment or our $\frac{1}{4}$ scale Sidewinder, MRC's line of advanced rockets are fierce on performance. Check them out when you're ready to step up to the best.

TR107 WILDFIRE -

The beautiful molded swept fins of the WILDFIRE beckon you to try out this beauty. A precisely molded nose cone sweeps aside the airflow over the WILDFIRE's 29.33 inch length. A quick change engine mount is included in the kit as is a 12 inch diameter parachute. The WILDFIRE can be built as a sport rocket or payloads can be carried in its upper compartment. This dual capability makes the WILDFIRE an excellent value for intermediate skill level modelers and as a "step-up" from beginner kits.

FEATURES:

- Computer designed for stable high altitude flights
- Payload capability
- Hi-impact nose cone and fins for long life
- Easy assembly
- Aerodynamically advanced design

For Intermediate Modelers

WILDFIRE

Specifications:

Length:
29.33 in. (745 mm)
Body Diameter:
.976 in. (24.8 mm)
Weight:
1.81 oz. (51.4 grams)
12" Diameter Parachute
Recovery System included

Recommended

Engine Sizes:

A8-3 (first flight),
B4-4, B6-4, C6-3, C6-5

Paint and glue required for assembly. Launch system and rocket engines required for flight.



TR108 SIDEWINDER -

The SIDEWINDER air to air missile is one of the most popular missiles used by US military aircraft. All present versions include a complex guidance system with a seeker head controlling the four front fins. Some models have a range of almost 11 miles.

When MRC engineers took on the task to develop a large size, 1/4 scale, replica of this famous missile, they kept two things in mind: Hot Performance and realism of design. Except for some minor modifications to improve flight performance, this baby really looks authentic. Just wait until you see it perform using B & C engines. You will be the envy of those guys who can only get their big rockets to fly with expensive D or E engines.

FEATURES:

- Stand Off Scale Model of the spectacular air to air missile
- Large Scale Design Stands More Than 30" High
- Huge 18" Parachute

For Intermediate Modelers

Specifications:

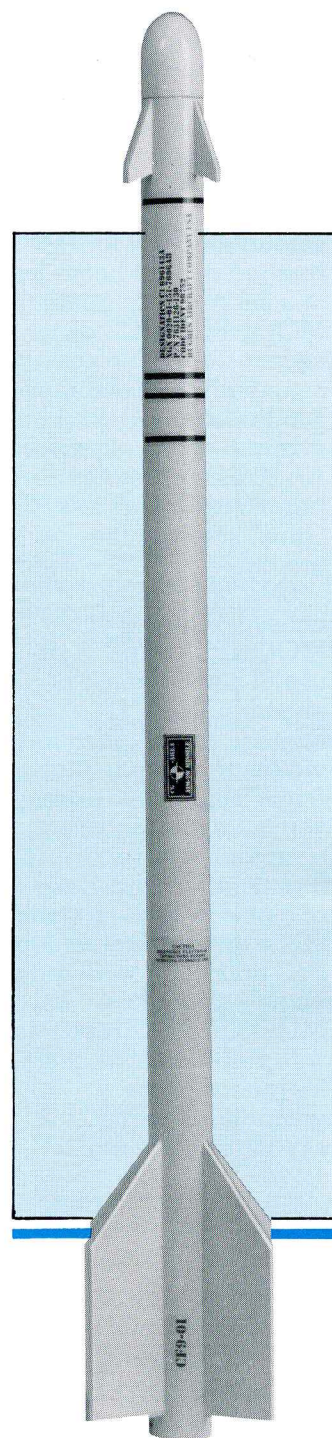
Length:
30.28 in. (769.1 mm)
Body Diameter:
1.325 in. (33.7 mm)
Weight:
3.33 oz. (94.3 grams)
18" Diameter Parachute
Recovery System included

Recommended

Engine Sizes:

B4-2, C6-3

Paint and glue required for assembly. Launch system and rocket engines required for flight.



TR109 MOON- BLASTER -

This majestic kit was designed to remind you of America's "moon rockets" of the 1960's and 70's. Two different diameter body tubes are joined by couplers and a transition shroud for sleek looks. Rugged die-cut balsa fins in a set of 4 help guide the MOONBLASTER on its ascent stage. The nose cone features detailing similar to those found on manned space capsules. An 18 inch diameter parachute lowers this "bird" safely to the ground.

One of the most unusual features of the MOONBLASTER is its use of a wide range of engine power. "D" engines can be used for maximum altitude flights; but if "short" fields are all you have, the included adapter parts permit flights with B and C engines! Both the regular "D" engine mount and the B/C adapter permit quick engine changeover. The MOONBLASTER comes with self-adhesive decals for top looks; it's computer-designed for sky-high stable flights!

FEATURES:

- Huge 18" Parachute
- Can fly with 'B', 'C' and 'D' powered engines
- Scale like appearance
- Large, rugged balsa fins

For Intermediate Modelers

MOON- BLASTER

Specifications:

Length:

27.25 in. (692.2 mm)

Body Diameter:

2.04 in. (51.8 mm) to

1.637 in. (41.6 mm)

Weight:

3.85 oz. (109.1 grams)

18" Diameter Parachute
Recovery System included

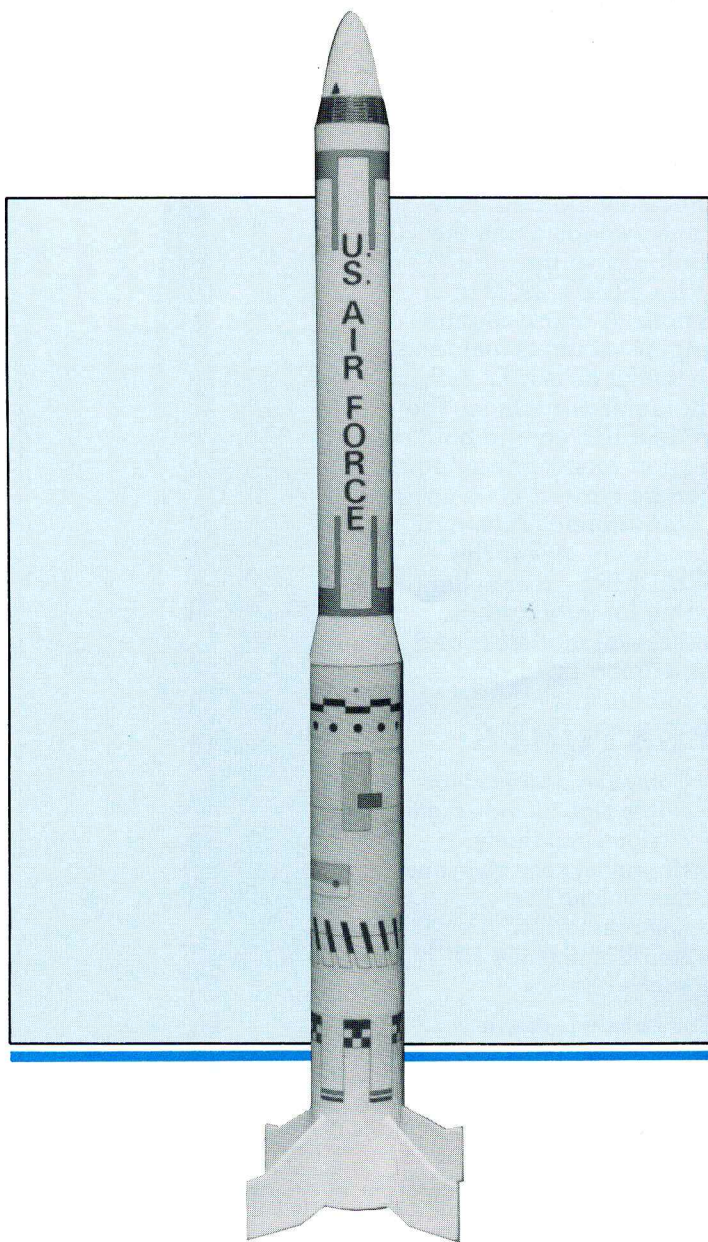
Recommended

Engine Sizes:

B4-2 (first flight),

C6-3, D12-5

Paint and glue required for assembly. Launch system and rocket engines required for flight.



HOW TO JUDGE THE PROPER SIZE FOR YOUR LAUNCH SITE

The size of your recovery area and launch site depends upon the takeoff weight of your rocket and the engine used. For example, a 3 ounce model rocket using an A8-3 engine will not fly as high as the same design rocket if it weighed only 1.5 ounces. The higher a rocket flies, the greater distance it will drift as it returns to earth with its recovery device. Although not essential we suggest picking a rectangular launch site, using the long portion of the field as your main direction to launch and land your model rockets. You always launch your rockets into the wind. For "A" engines we recommend a field 100' x 350'. For "B" engines we recommend a field 150' x 400'. For "C" engines we recommend a field 200' x 500'. For "D" engines we recommend a field 250' x 600'. Keep in mind that a football field is 150 feet x 300 feet.

Your launch site and recovery field should not be near tall trees, buildings or power lines. Keep a watchful eye for low flying airplanes. Respect the rights of nearby landowners; get their permission to walk on their property to retrieve rockets that stray from the recovery field. Do NOT take chances when trying to retrieve a model rocket lodged in a tree or perhaps a house roof; if you do not have the proper means of reaching the rocket such as a secure ladder, it's better to lose the rocket rather than risk injury to yourself or your friends.

SAFETY INSTRUCTIONS

For the safe and reliable performance of your model rocket
PLEASE NOTE:

1. That model rockets are not "toys" - that they are capable of causing personal injury to you and to others as well as property damage.
2. That you and you alone are responsible for the safe operation of your rocket.
3. That you must properly build and operate your model with a

clear sense of that responsibility; that means taking no chances or risks which might endanger yourself or others.

4. That you read and observe the rules of the Model Rocketry Safety Code printed on this page.

Remember, the thrill of rocketry lies in the safe construction of the rocket and in its careful operation. Make each launch a success and you will be proud of yourself and will really enjoy your hobby.

**FOR SAFE LAUNCHES, YOU MUST FOLLOW THE ACCOMPANYING CHECKLIST
EVERY TIME YOU USE YOUR MODEL ROCKET. READ AND FOLLOW THE SAFETY WARNINGS IN THESE
INSTRUCTIONS EACH TIME YOU USE YOUR MODEL ROCKET.**

NAR/HIA MODEL ROCKETRY SAFETY CODE

1. **Construction** - My model rockets will be made of light-weight materials such as paper, wood, rubber, and plastic without any metal or other hazardous material as structural parts.
2. **Engines** - I will use only pre-loaded factory-made NAR certified rocket engines in the manner recommended by the manufacturer. I will not alter or dismantle model rocket engines or their ingredients in any way, or attempt to reload these engines.
3. **Recovery** - I will always use a recovery system in my model rockets that will return them safely to the ground so that they may be flown again. I will use only flame resistant recovery wadding in my rockets.
4. **Weight Limits** - My model rockets will weigh no more than 1500 grams (53 ounces) at liftoff and the engines will contain a total of no more than 125 grams (4.4 ounces) of propellant. My model rockets will weigh less than the engine manufacturer's recommended maximum liftoff weight for the engines used, or I will use engines recommended by the manufacturer for my rockets.
5. **Stability** - I will check the stability of my model rockets before their first flight, except when launching models of already proven stability.
6. **Payloads** - My model rockets will never carry live animals, or payloads that are intended to be flammable or explosive.
7. **Launch Area** - I will launch model rockets outdoors in a cleared area, free of tall trees, power lines, and buildings. I will ensure that people in the launch area are aware of the pending rocket launch and are in a position to see the rocket's liftoff before I begin my audible five-second count down.
8. **Launcher** - I will launch my model rockets from a launch rod or other device which provides rigid guidance until the rocket has reached a speed adequate to ensure a safe flight path. To prevent accidental eye injury, I will always place the launcher so that the end of the rod is above eye level or will cap the end of the rod when approaching it. I will cap or disassemble my launch rod when not in use and will never store it in an upright position. My launcher will have a jet deflector device to prevent the engine exhaust from hitting the ground directly. I will always clear the area around my launch device of brown grass, dry weeds, and other easy-to-burn materials.
9. **Ignition System** - The system I use to launch my model rockets will be remotely controlled and electrically operated, and will contain a launching switch that will return to "off" when released. The system will contain a removable safety interlock in series with the launching switch. All persons will remain at least 15 feet from the model rocket when

I am igniting engines totalling 30 Newton-seconds or less of total impulse and at least 30 feet from the model rocket when I am igniting engines totalling more than 30 Newton-seconds total impulse. I will use only electrical igniters that will ignite my rocket engine(s) within one second of actuation of the launching switch.

10. **Launch Safety** - I will not let anyone approach a model rocket on a launcher until I have made sure that the safety interlock has been removed or the battery has been disconnected from the ignition system. In the event of a misfire I will wait one minute before allowing anyone to approach the launcher.
11. **Flying Conditions** - I will launch my model rocket only when the wind is less than 20 miles per hour and under conditions where the model will not fly into clouds, fly near aircraft in flight, or be hazardous to people or property.
12. **Pre-Launch Test** - When conducting research activities with unproven designs or methods, I will, when possible, determine their reliability through pre-launch tests. I will conduct launchings of unproven designs in complete isolation from persons not participating in the actual launching.
13. **Launch Angle** - I will not launch model rockets so that their flight path will carry them against targets. My launch device will be pointed within 30 degrees of vertical. I will never use model rocket engines to propel any device horizontally.
14. **Recovery Hazards** - If a model rocket becomes entangled in a power line or other dangerous place, I will not attempt to retrieve it.
(Revised January 1, 1987)

IMPORTANT

You must read and understand the model rocketry safety code on this page. Keep this code with you and adhere to its guidelines during all of your model rocketry activities without exception.

WARNING

For Safety Purposes, DO NOT modify, disassemble, or in any way tamper with model rocket engines or their contents. Soak engines in water to destroy.

Recommended for ages 10 to adult. Adult supervision recommended for ages 12 years and under.
Keep out of reach of small children.

Model Rectifier Corporation® 1988

TIPS IN PAINTING AND DETAILING YOUR MODEL ROCKET KITS

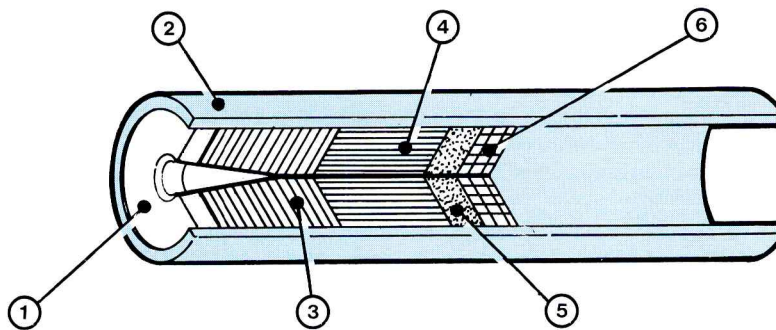
MRC model rockets were designed for a minimum of painting and decal work. Premolded plastic parts in attractive colors were chosen. Our peel and stick decals go on simply, quickly, and look great. We picked realistic paint and decal schemes that appeal to many modelers. However, there's no reason you cannot "dress up" your model rocket to your own liking.

Enamel paint adheres the best to our paper body tubes and plastic parts. We suggest you wash any plastic parts in mildly warm soapy water to remove any residue from molding and to neutralize static electricity which can attract dust to the plastic. You can use a brush to apply enamel paint in small areas or in fine detail work. Using enamel paint in spray cans and airbrushes is recommended to cover large areas. When spraying large areas, it is advisable to mask off areas of the rocket not to be painted with masking tape and plastic wrap. The masking tape does not have to be applied tightly; you can reduce the strength of the adhesive by rubbing the adhesive side of tape across your clean hands. You do not want the adhesive too strong; otherwise it could remove paint from a previous application. By cutting and laying strips of tape on the body tubes in different ways, you can create your own paint patterns. By painting "free hand" it is possible to create a camouflage pattern.

No matter which painting pattern you choose, always wait for the last application of paint to dry before adding the next coat. Use large paint strokes with smooth movement to avoid "runs" or "drips" on the paint surface.

Our peel and stick decals are much easier to apply and are brighter in appearance than water decals. The only tips we can give you is to keep your fingers from touching the adhesive. The oil on your skin could reduce the strength of the adhesive and could appear as "fingerprints" underneath the decal surface. The other tip is to apply the decal to the kit surface evenly, pressing out all bubbles underneath the decal. This insures the decal will adhere strongly and look its best.

ANATOMY OF A MODEL ROCKET ENGINE



1. Nozzle - Directs the thrust of the engine.
2. Paper Casing - Forms the body of the engines; impregnated with special glue for strength.
3. Propellant Charge - A special mix of black powder and other components that burns at a controlled rate to produce thrust.
4. Delay Charge and Tracking Charge - Provides a time delay in seconds between thrust and ejection of the recovery device and also produces smoke for tracking the ascent of the rocket. Only MRC engines have the special **"Trajectory Tracking Exhaust Formula"** for maximum visibility.
5. Ejection Charge - A mild powder charge that pushes out or activates the recovery device to bring the rocket safely to the ground.
6. Cap - Protects the components of the rocket engine during handling.

MRC ROCKET ENGINES

MRC Rocket Engines, nearly 3 years in development, were born and bred for superior performance. Using state of the art technology, MRC created a line of engines that meet our rigid standards for quality, reliability and safety.

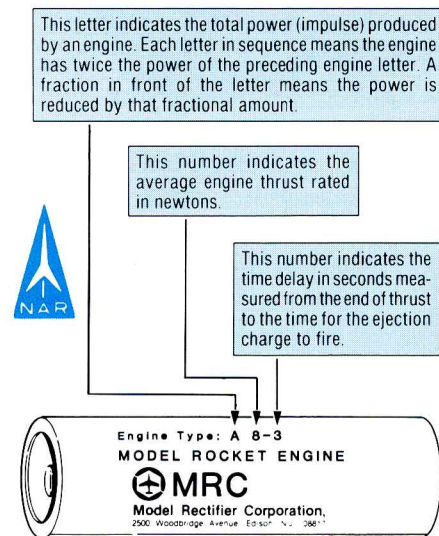
But there's even more, MRC rocket engines are engineered for quick acceleration for more stable flights. OF COURSE, ONLY **MRC ENGINES FEATURE TRAJECTORY TRACKING EXHAUST FORMULA.**

Just like a real rocket, you'll be able to easily follow your rocket on its ascent, riding on a cloud of smoke. Through MRC's engineering, each high thrust rocket engine produces this thick smoke track as part of its tracking and delay charge.

This **"Trajectory Tracking Exhaust Formula"** found exclusively in MRC model rocket engines adds tremendous value to your enjoyment every time you launch an MRC model rocket kit.

Use only the engines designated for use in your particular kit. Consult the manufacturer's catalog or kit instructions for the proper engine and mounting procedure for use in your model rocket. The following chart is also helpful in selecting the proper engine for a rocket, especially when considering its weight and aerodynamic drag. For instance, a light, low drag rocket can use a smaller power, long delay engine while a heavier, high drag rocket may need a more powerful engine with a shorter delay time.

Stock Number	Engine Type	Total Impulse lb-sec n-sec	Time Delay (±15%)	Max. Lift Wt.
SINGLE STAGE ENGINES				
TE902	A8-3	0.56 2.50	3 sec.	4.0 oz.
TE903	B4-2	1.12 5.00	2 sec.	4.0 oz.
TE904	B4-4	1.12 5.00	4 sec.	3.5 oz.
TE905	B6-4	1.12 5.00	4 sec.	4.0 oz.
TE908	C6-3	2.25 10.00	3 sec.	4.0 oz.
TE909	C6-5	2.25 10.00	5 sec.	4.0 oz.



NAR CERTIFIED: MRC Rocket Engines tested by the National Association of Rocketry met performance standards of NFPA1122 and the NAR.

For maximum enjoyment and safety, read and follow all instructions before using MRC model rocket engines.

TAKEOFF TIPS

Here's a small selection of hints chosen to help you in your building, launching and recovery efforts.

A pencil can be a versatile tool; the eraser can be used to clean dirty igniter clips or battery contacts and the tip can be used to properly position recovery wadding inside the body tube.

Talcum powder can be applied to both sides of a parachute or streamer to prevent the material from sticking to itself during ejection, especially on cold days. Extra powder can also be added on top of the recovery system so that when the ejection charge fires, a large cloud will be created that will aid in spotting your rocket. We think this is a real crowd pleaser so give it a try!

Have a clean rag with you at the launch field so you can clean your launch pad and rocket by removing exhaust residue.

A light application of oil on your steel blast plate after cleaning the plate and before storing it will prevent rust and preserve its appearance.

A standoff is a very small but important part of your launch pad. The standoff positions your rocket so that the rocket will takeoff straight along the launch pad. If the standoff supplied does not support the rocket properly, use a piece of masking tape attached to the launch rod underneath the lowest launch lug to support the rocket. Any standoff prevents the rocket from twisting along the rod which would decrease the rocket's altitude because of direction drag along the rod.

If you forget to carry tape with you to hold igniters inside the engine, you can use an alternative method. Insert the igniter into the engine with the tip touching the propellant. Then, cut a small piece of recovery wadding and roll it into a ball that would fit snug inside the nozzle. Push the ball of wadding into the nozzle so that it holds the igniter in place.

MRC ELECTRO LAUNCHER KIT

The ELECTRO LAUNCHER KIT will be a vital, reliable part of your launch equipment. The Electro Launcher is a device to remotely ignite your model rocket engine at a safe distance using low power electricity.

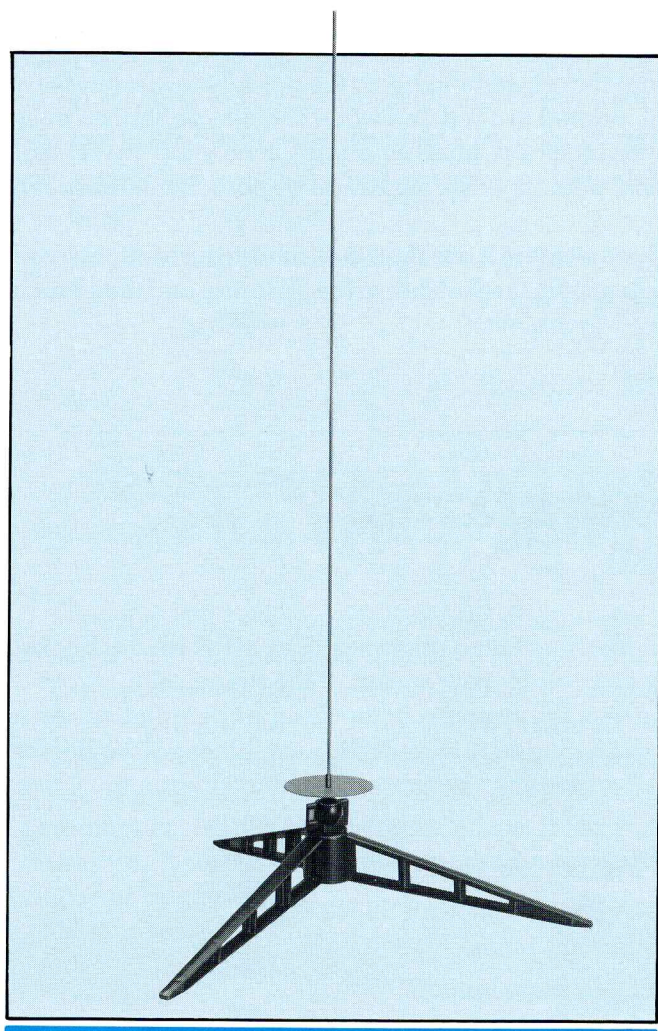
To get maximum reliability, we designed a molded plastic case that holds 4 "AA" batteries*, launch button, safety key, and bright warning light. The case can be held comfortably in one hand. The design of the parts of the Electro Launcher permits easy assembly and consistent operation.

Each Electro Launcher Kit contains all electrical parts including 17 feet of heavy duty, low loss electrical cord with igniter clips preattached, plastic parts, metal hardware and a safety interlock key for control of launch operations. Be sure the MRC Electro Launcher is packed in your launch equipment box when you head for the launch site!

FEATURES:

- Safety key system for safe operation.
- Rugged reliable design.
- 17 feet of highly efficient wire and clips already connected.
- Contoured for the palm of your hand.
- Assembles in less than 30 minutes

*4 AA batteries not included.



MRC LUNAR LAUNCH PAD TL505

The Lunar Launch Pad is one of the most innovative products in model rocketry; but its main feature is its ease of use on the launch site. The legs and base parts are made of silver colored injection molded plastic for great sturdiness. The blast plate is made of galvanized steel to resist corrosion. Our exclusive Omni Directional Swivel system permits tilting the launch rod in almost any vertical direction to compensate for uneven ground or to angle the rocket into the wind for recovery within your launch field.

Another innovation is the use of coated red fiberglass rod as the launch rod. The color is easy to see at the launch site for safety. The fiberglass rod never develops kinks or bends as an ordinary metal rod would, yet is firm enough for correct guidance for the rocket at launch.

The Lunar Launch pad also comes with a safety cap to cover the end of the rod and a standoff for the rockets. You'll find that the Lunar Launch Pad is easy to assemble, detaches quickly for storage, and will last a long time as you progress in model rocketry.

MRC POWER BLAST IGNITERS TQ080

POWER BLAST IGNITERS - A crucial link in the launch sequence is the firing of the igniter inside the engine to start it. MRC designed Power Blast Igniters with several advanced features for greater ignition reliability.

We've used a high temperature pyrotechnic material for greater heat conduction to start the rocket engine. Almost halfway down the length of the igniter leads is a glass bead separator that holds the wire leads securely.

The overall design permits easy insertion of the igniter into the engine. Try MRC's Power Blast Igniters; you'll come to trust them!

MRC RECOVERY WADDING TQ090

RECOVERY WADDING - Only the best protection against hot gases should come between your rocket parachute or streamer and the ejection charge of your engine. MRC's Recovery Wadding is the best because it is chemically treated against flame. The paper material itself is a rugged fibrous material that resists being torn apart by hot and fast ejection charge gas. All of this means when you use our Recovery Wadding properly, a safe reliable recovery can be achieved. Don't settle for anything less than MRC's Recovery Wadding in your model rocket's recovery system!

MRC PARACHUTE KITS

PARACHUTE KITS - For safe, reliable return of your model rocket, nothing beats the parachute kits made by MRC. Each parachute is made of strong durable material, printed in a red and white checker pattern for easy spotting. Adhesive tape discs and rugged shroud lines are included, plus our Snap-Chute snap swivel that keeps the shroud lines from tangling with each other and permits easy exchange of parachutes between models.

The parachute kits come in 8 inch, 12 inch and 18 inch diameter sizes; use the 8 inch model in very light rockets with narrow body tubes; the 12 inch size is ideal for rockets from the Hotshot to the Wildfire, and the 18 inch parachute kit is designed for heavier rockets such as our Moonblaster.

ITEM NO. TQ050 8" Diameter

ITEM NO. TQ051 12" Diameter

ITEM NO. TQ052 18" Diameter

MRC FIELD REPAIR STATION TQ030

Accidental damage to a model rocket can spoil an otherwise exciting afternoon. The MRC Model Rocket Field Repair Station contains parts, and accessories so you can fix your rocket at the launch site.

The instruction booklet is filled with tips and hints for use of the supplies in the Field Repair Station. As a bonus, a second parachute kit and 3 Power Blast Igniters are included to increase the usefulness of the Repair Station. The Field Repair Station comes in a resealable bag for easy transportation and storage.

Package Contains:

2 Launch Tubes

1 Eye Screw

2 Sheets of Sandpaper

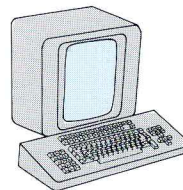
Recovery Wadding

60 Yard roll of Masking Tape

2 12" Parachutes with Shock Cords and
Shroud Lines

3 Power Blast Igniters

WHAT IS A CAD?



CAD is an abbreviation for Computer Aided Design. MRC uses several different CAD programs to test stability and altitude capabilities. They also use CAD in drawing plans and in specifying components and tolerances for MRC model rocket kits and accessories. The use of CAD by MRC engineers is our way of using modern technology to create products of the safest and highest quality. The results are evident in our precisely molded plastic parts; our cleanly die-cut balsa fins and our innovative use of advanced materials in our launch equipment.

National Association of Rocketry

The National Association of Rocketry (NAR) is the official non-profit organization which promotes model rocketry in the United States and around the World.

As a Member of the National Association of Rocketry you will receive:

- *American Spacemodeling* magazine — Once a month, you will discover the latest in the world of model rocketry and spacemodeling!
- Manufacturers' Coupons — Your membership packet will include coupons for free products, samples, and discounts from many spacemodeling manufacturers . . . just for NAR members!
- United States Model Rocket Sporting Code — The official rule book for model rocket competition in the United States.
- NAR Sporting License — Your official card bearing a unique membership number identifying you as a member of the NAR and entitling you to its benefits.

ALL NAR MEMBERS ARE ADDITIONALLY ENTITLED TO:

- \$1,000,000 Liability Insurance — For your official NAR rocket flying activities.
- Join NAR Sections — To meet new friends and explore new horizons in model rocketry.
- Attend the National Championships — The BIG model rocket contest of the year . . . compete with the best!
- National and World Records — Are open to you as a member of the NAR.

National Association of Rocketry
2140 Colburn Drive
Shakopee, MN 55379



YOUNG PEOPLE LIVE THE FUTURE OF SPACE TRAVEL AT U.S. SPACE CAMP AND U.S. SPACE ACADEMY

More than 40,000 young people from all 50 states and around the world have been introduced to their future in space at U.S. SPACE CAMP.

From youngsters of 10 years old and up, trainees share a fascination with space exploration and a desire to stay on the leading edge of the space program.

MRC model rockets and equipment are now used by the "next generation" of astronauts at Space Camp, Huntsville, Alabama. These products were chosen by Space Camp because of their uniqueness, quality and performance. MRC's model rockets help these young pioneers of tomorrow to increase their knowledge of rocketry and aerodynamics. Try our products and discover the difference in performance that made them the choice of Space Camp.

Additional information about SPACE CAMP and SPACE ACADEMY programs is available by calling, toll-free,

1-800-63-SPACE

COMP. #	DESCRIPTION	QTY/ PKG
LAUNCH/RECOVERY PARTS		
TZ760	EYE SCREW	6
TZ761	ALLIGATOR CLIPS WITH WIRE	1 SET
TZ762	LAUNCH ROD	1 SET
TZ763	PAPER TUBE STAND OFF	3
TZ764	BLAST PLATE	1
TZ765	SAFETY KEY AND CORD	1 EACH
TZ770	SHOCK CORD — 1.5 FT. (1/8")	2
TZ771	STREAMER — 2.5 FT.	2
TZ772	SNAP SWIVEL	6
TZ773	SHOCK CORD — 1.8 FT. (1/4")	2
DECALS		
TZ780	DECALS FOR STARFIRE	1 SET
TZ781	DECALS FOR FIREFIGHTER	1 SET
TZ782	DECALS FOR HOTSHOT	1 SET
TZ783	DECALS FOR WILDFIRE	1 SET
TZ784	DECALS FOR REBEL	1 SET
TZ785	DECALS FOR HORNET	1 SET
TZ786	DECALS FOR MACH V	1 SET
TZ787	DECALS FOR XR-20	1 SET
TZ788	DECALS FOR ENFORCER	1 SET
TZ789	DECALS FOR MOONBLASTER	1 SET
TZ790	DECALS FOR SIDEWINDER	1 SET
TZ791	DECALS FOR TIME TRAVELER	1 SET
TZ792	DECALS FOR BIG BEN	1 SET
MISCELLANEOUS PARTS		
TZ800	ENGINE BLOCK	3
TZ801	LAUNCH TUBE FOR 1/8" LAUNCH ROD	10
TZ802	ENGINE MT TUBE FOR REG. SIZE ENGINES	3
TZ803	ENGINE MT TUBE FOR 'D' SIZE ENGINES	2
TZ804	RING SET: RETAINING, ADAPTER, SPLIT ADAPTER	2 EACH
TZ805	ENGINE HOOK	3
TZ806	COUPLER (O.D. 0.945"/I.D. 0.919"/L 1.5")	3
TZ807	TRANSITION SET (FOR 0.976" TO 0.736" TUBES)	2
TZ808	TRANSITION SET (FOR 1.625" TO 2" TUBES)	2
TZ809	COUPLER (O.D. 1.325"/I.D. 1.28"/L 2.0")	3
TZ810	CARDBOARD ADAPTER SET: C SIZE ENGINE MOUNT TO 1.325" O.D. TUBES	2
TZ811	CARDBOARD ADAPTER SET: D SIZE ENGINE MOUNT TO 2" O.D. TUBES	2

COMP. #	DESCRIPTION	QTY/ PKG
BODY TUBES		
TZ700	BODY TUBE FOR STARFIRE	2
TZ701	BODY TUBE FOR FIREFIGHTER	2
TZ702	BODY TUBE FOR HOTSHOT	2
TZ703	BODY TUBE FOR WILDFIRE	2
TZ704	BODY TUBE FOR REBEL	2
TZ705	BODY TUBE FOR MOONBLASTER — 2" O.D.	2
TZ706	BODY TUBE FOR MOONBLASTER — 1.625" O.D.	2
TZ707	BODY TUBE FOR SIDEWINDER	2
TZ708	BODY TUBE FOR BIG BEN	2
FINS		
TZ720	BALSA FINS FOR STARFIRE	2
TZ721	BALSA FINS FOR FIREFIGHTER	2
TZ722	BALSA FINS FOR HOTSHOT	2
TZ723	BALSA FINS FOR XR-20	2
TZ724	BALSA FINS FOR	1
TZ730	PLASTIC FINS FOR WILDFIRE	1
TZ731	PLASTIC FINS FOR HORNET	1
TZ732	PLASTIC FINS FOR REBEL	1
TZ733	PLASTIC FINS FOR MACH V	1
PLASTIC NOSE CONES		
TZ740	NOSE CONE FOR STARFIRE & FIREFIGHTER	1
TZ741	NOSE CONE FOR HORNET	1
TZ742	NOSE CONE FOR WILDFIRE	1
TZ743	NOSE CONE FOR HOTSHOT	1
TZ744	NOSE CONE FOR MOONBLASTER	1
TZ745	NOSE CONE FOR SIDEWINDER	1

America in space...rockets from MRC

**New rocket technology lets
you ride to the outer limits
of fun and excitement**

For years model rocketry has remained the same. Technology has been at a virtual standstill, new ideas few and far between.

But now that MRC has entered the space race, the fun is taking off again. With over 40 years of hobby experience, decades of electronic leadership and aerodynamic expertise under our belt, MRC is launching rocket technology into a new era. Whether you're an expert rocketeer or have never built or flown one in your life, you'll benefit from our innovative approach that has made the hobby more safe and exciting than ever.

What makes us different makes us better...here are just a few of the innovations

- Unique Engine Trajectory Tracking Exhaust Formula... a highly visible, thick plume of smoke released during flight to trace your rocket on its straight and narrow path
- Exclusive omni-directional Launch Pad system...lets you blast off against the wind or on uneven ground and avoid troublesome tracking on windy days
- Computer-Aided Designs (CAD)...for take off speeds of 200-300 miles per hour and altitudes up to 1800 feet
- New PEEL-AND-STICK decals...more convenient to use, they provide a realistic, hand-painted appearance
- Exclusive POWER BLAST Igniters...featuring advanced new pyrotechnic coating that assures reliable ignition



Kits and Accessories for every rocketeer

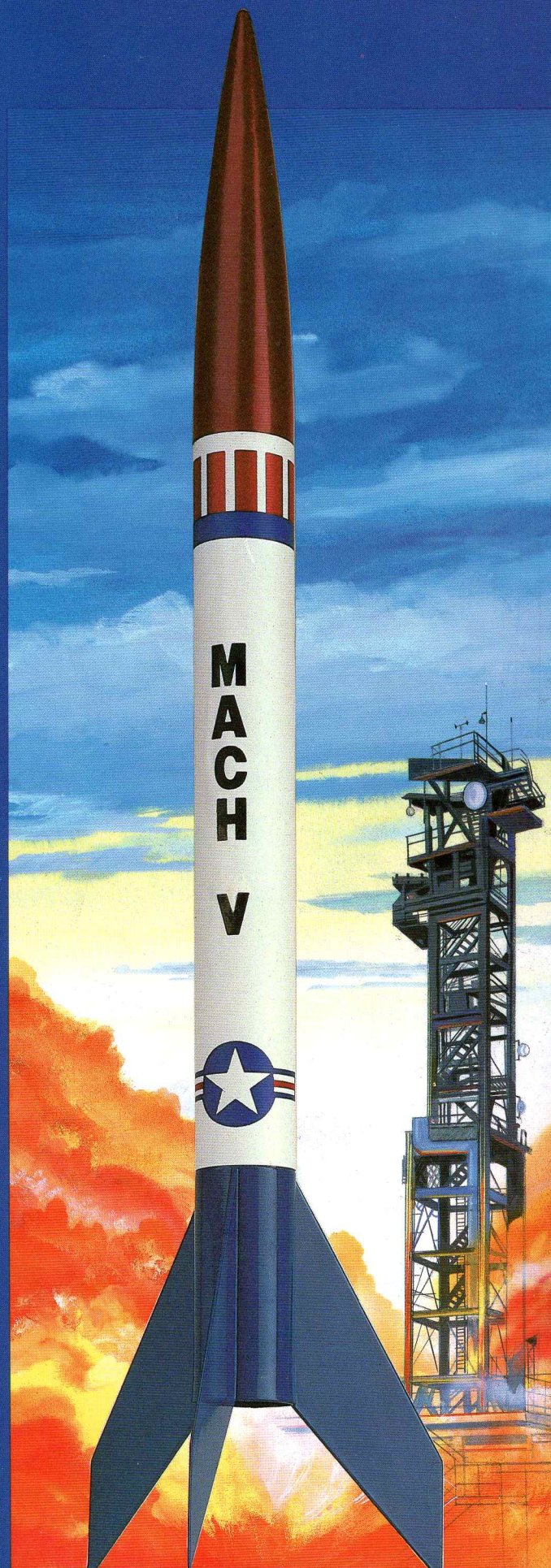
You'll find high performance rockets of all dimensions and capabilities, plus consistently engineered engines and accessories.

See it all for yourself at your hobby dealer, and explore a new dimension in rocketry today.

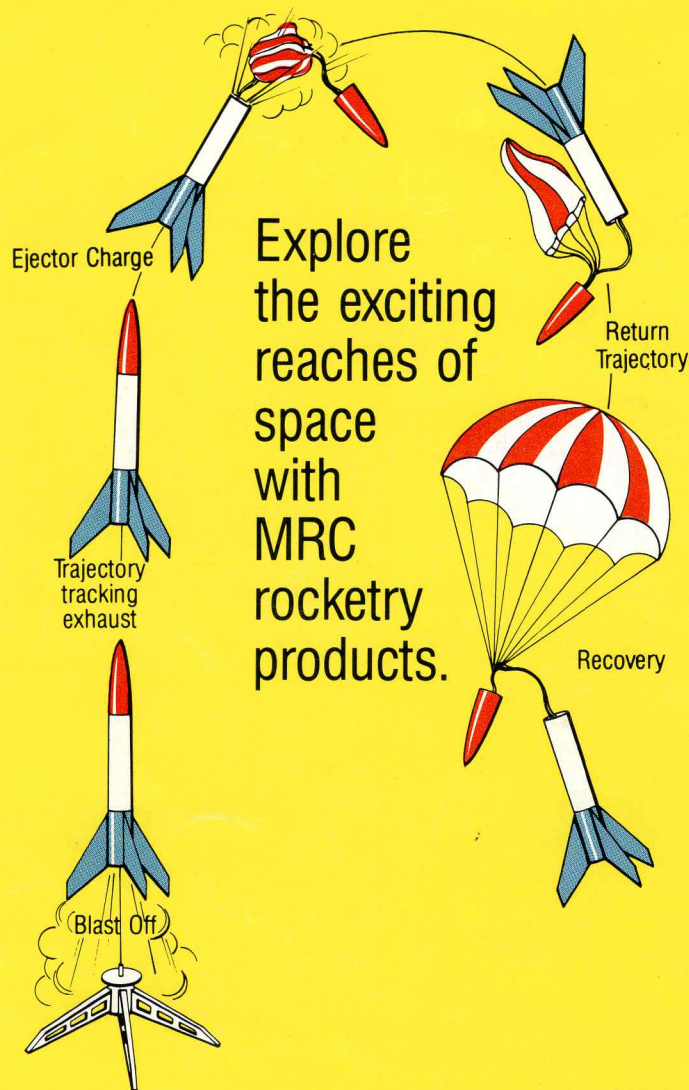
The MACH V, one of a series of Almost-Ready-To-Fly Rockets that assemble quickly, look beautiful

MRC™

Model Rectifier Corporation
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Edison, New Jersey 08817



(Gantry not included, shown for photo purposes only)



MRC is the hobby industry leader
with over 40 years
of creating action hobbies
that demand skills and deliver thrills;
hobbies that incorporate
the precision quality that produces
performance of the highest calibre.

For complete list of rocket products write:

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200 Carter Drive
Edison, NJ 08817
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For complete safety and enjoyment, be sure to read and follow all MRC rocketry instructions carefully,
as well as the Model Rocketry Safety Code.