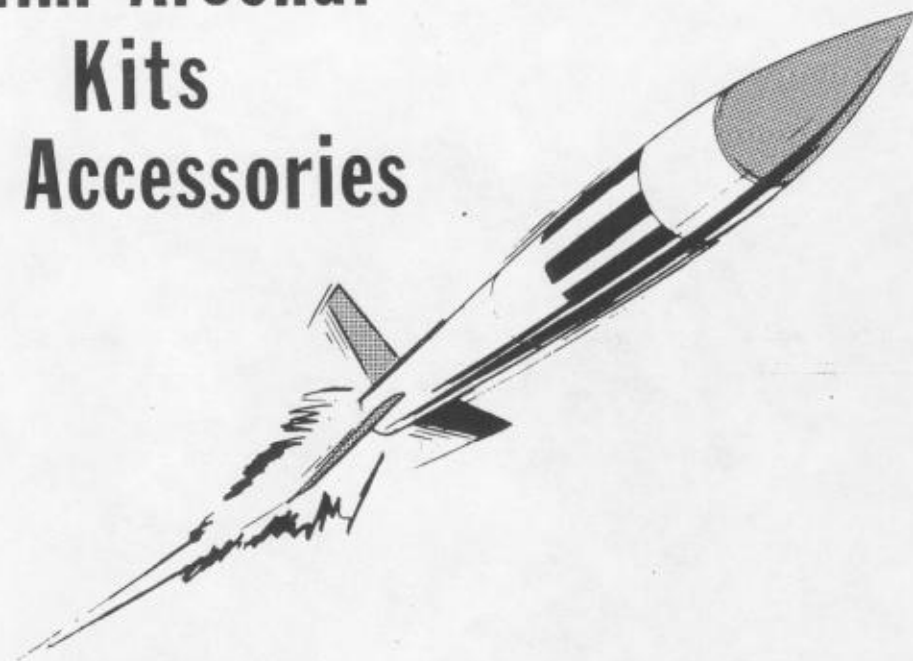


BO-MAR

MODEL ROCKET SUPPLIES

Mini-Arsenal Kits & Accessories



BO-MAR

DEVELOPMENT DIVISION

1000 W. 10TH AVENUE, SUITE 100, DENVER, CO 80202

Introducing the Mini - Arsenal

We proudly introduce these rocket kits, for experimental and educational usage, selected and designed to encourage and stimulate interests in model rocketry and science. Emphasis has been placed on design, reliability, quality, creativity and safety. These kits are designed to allow both beginning and advanced rocketeers the ability to build kits of their own capability, allowing them the thrill and feeling of accomplishment as their models lift off the launch pad and streak skyward. Each kit comes with streamer and parachute recovery systems, enabling flights in areas where a parachute alone could mean loss of your rocket. Depending upon the launch area and weather conditions, you can use either parachute or streamer for recovery.

The use of hardwood nosecones eliminates use of added weights and provides for more rugged use, better-looking models and greater stability.

We at BO-MAR are sure you will enjoy building our new kits. We feel that ours is a safe program in the field of model rocketry today, that our designs are new and refreshing and that our products will give you more successful flights time after time.

Special Note: It is important to exercise the utmost care in the use of our products. We do not assume any responsibilities for accidents. No warranty is either implied or expressed as to reliability or performance. We assume no liability beyond the cost of replacing a product which may malfunction or be found defective.

SWIFT
STREAM-LINED

- HI-ALTITUDE SOUNDING MODEL
- IDEAL BEGINNER KIT
- FUTURISTIC DESIGN
- EASY-TO-BUILD

\$ 1.50



This streamlined model is terrific for beginner and advanced modeler. Tapered and extended rear fins add simply beauty and reliable performance. The kit includes a hardwood nosecone and tips for producing a fine finish.

Shipping wt. 10 oz.

RECOMMENDED MOTORS

1/2 A6-2 A8-3 B4-4 B6-4 B14-5 C6-5

ALPHA-1

- STREAMER RECOVERY
- HIGH PERFORMANCE
- PROVEN DESIGN



\$1.95

RECOMMENDED MOTORS
1/2 A6-2 A8-3
B4-4 B6-4
B14-5 C6-5

This easy-to-build kit is a high altitude "bird" perfect for beginner and advanced rocketeer. The stability of this design assures straight flights and aids your understanding of aero-dynamics.

Shipping wt. 10 oz.

SPARTAN

- HI-ALTITUDE SOUNDING ROCKET
- ADVANCED FIN DESIGN
- EASY-TO-BUILD
- STREAM-LINED

\$2.00

The bold design of this "bird" not only makes it an impressive display model but also an excellent flight rocket as well. Watch this one streak out of sight and return safely by streamer or parachute to be flown again and again.



Shipping wt. 12 oz.

RECOMMENDED MOTORS 1/2 A6-2 A8-3 B4-4 B6-4 B14-5 C6-5

ASTRO-QUEST

The ultra design of this sleek model has both rear and forward fins -- the first commercial kit of this kind in a single stage rocket. This truly different model combines reliable performance with an interesting design. Comes with parachute, streamer and hardwood nosecone. Shipping wt. 10 oz.

\$2.00



- HIGH ALTITUDE PROBE
- HARDWOOD NOSE CONE
- ADVANCED FORWARD FINNS
- NEW AERO-SPACE DESIGN

RECOMMENDED MOTORS
1/2 A6-2 A8-3
B4-4 B6-4
B14-5 C6-5

ALPHA-B

\$1.95

- ★ *PROVEN DESIGN*
- ★ *HIGH PERFORMANCE*
- ★ *STREAMER RECOVERY*

RECOMMENDED MOTORS
1/2 A6-2 A8-3
B4-4 B6-4
B14-5 C6-5

The sister ship of the Alpha-1, this kit will add greatly to your collection of fine looking models. Built-in stability makes it an ideal contest flier. Complete with easy-to-follow instructions. Shipping wt. 10 oz.

AJAX

- DEPENDABLE STREAMER RECOVERY
- DURABLE HARDWOOD NOSE CONE
- SIMPLE CONSTRUCTION

\$1⁵⁰

RECOMMENDED MOTORS
1/2 A6-2 A8-3
B4-4 B6-4
B14-5 C6-5

A simple but durable high-performing model, the Ajax is perfect for the beginner in rocketry. The advanced model builder will find this "bird" great for contests and all-around use. Features hardwood nosecone and 6 inch parachute. Shipping wt. 10 oz.

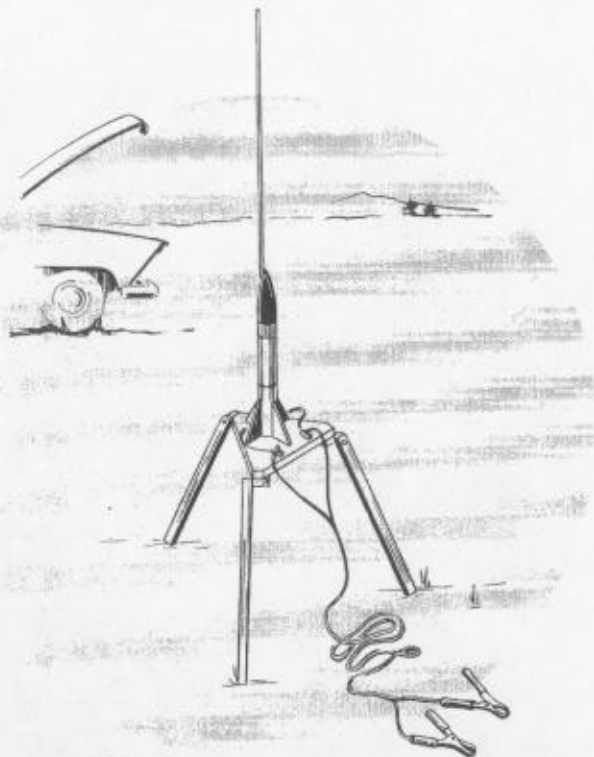
PHOENIX

- EASY TO BUILD
- 21 INCHES LONG
- HIGH PERFORMANCE

\$2.00

RECOMMENDED MOTORS
1/2 A6-2 A8-3
B4-4 B6-4
B14-5 C6-5

This sleek high-performance model is the largest in the Mini-Arsenal fleet. Each flight is straight and true from lift-off to ejection. Recovery is accomplished by streamer or multi-colored parachute. Hardwood nosecone, streamer, parachute and easy instructions come with the kit. You'll want to build this one! Shipping wt. 12 oz.



FLEX-A-PAD LAUNCHER

This unique launcher system features the biggest launch pad area available which easily handles all rocket sizes and motors A through D. The pad has a triangular shape and is fitted with 1/8" asbestos. Launch rod hole as well as terminal holes are drilled out for easy assembly. Tripod stand adjusts to any terrain and compensates for wind direction and speed. Use with any 6 or 12 volt batteries. Comes in easy to assemble kit with all necessary hardware, 15 feet of #18-2 zip cord, 2 heavy duty battery clips, clip lead assembly, 36 inch launch rod and instructions. Order catalog #BFP-L.

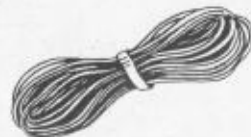
\$5⁰⁰

Shipping wt. 3 lbs.

SOLID PIECE RODS: Sturdy 1/8" diameter, 36" long steel launch rod perfect for launch systems!
 Cat. NO. BLR-36-----\$.35 ea.
 Shipping wt. 5 oz.



LAUNCHER WIRE: Flexible, insulated #18 two-conductor wire. Can be used for 6 or 12 volt current. Comes in 12 foot lengths.
 Cat. NO. BLW-12-----\$.70
 Shipping wt. 6 oz.



NICHROME WIRE: Nickel-chromium high-resistance heating wire glows red when connected to a 6 or 12 volt power supply. Wire size, #32, 24" lengths.
 Cat. NO. BNW-24-----\$.15
 Shipping wt. 2 oz.



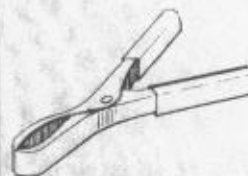
LEAD ASSEMBLY: A complete ignition clip and lead assembly with solderless terminals attached. Simply attach to your launching system and you're ready for electrical ignition.
 Cat. NO. BLA-2-----\$.60
 Ship. wt. 4 oz.



ALLIGATOR CLIPS: Perfect for clipping ignition leads to nichrome igniter wire. Copper plated steel. Length 1".
 Cat. NO. BAC-2-----2 for \$.20
 Shipping wt. 1 oz.



HEAVY DUTY BATTERY CLIPS: Ideal for clamping firing lines on to battery posts. Bright copper plated steel with vinyl handle insulators in red or black. 1 1/8" jaw spread; 3" overall length. Specify colors when ordering.
 Cat. NO. BHB-C---40¢ each--2 for \$.75
 Shipping wt. 6 oz.



RECOVERY EQUIPMENT



PARA-CHUTE KITS: These two color printed chutes give maximum visibility, featuring an easy-to-see pattern. They are light-weight, durable and easily folded. Only 0.00125" thick; each chute comes with easy instructions, tape strips and shroud lines.

Cat. NO.	DIAMETER	COLOR COMBINATION
BCP-6	6 inches	BRIGHT ORANGE & BLACK
BCP-12	12 inches	BRIGHT ORANGE & BLACK

PRICE EACH 3 FOR	
BCP-6 \$.15	\$.30 Shipping wt. 2 oz.
BCP-12 \$.25	\$.60

PARACHUTE MATERIAL: This extra-strength, high visibility black plastic material comes in a big, square yard piece. Each sheet can be cut to make any number of square or round parachutes up to 36" in diameter. Shipping wt. 4 oz.
Cat. NO. BPM-B-----\$.45 ea.

STREAMER MATERIAL: These light-weight vinyl streamers are perfect for light models and recovery in areas where drift may lose your rocket. Each pack has two streamers, 1" wide, 18" long. Specify color when ordering. Shipping wt. 4 oz.

Cat. NO.	COLORS AVAILABLE	PRICE EACH PACK
BSV-2R	YELLOW, RED, BLUE, ORANGE	\$.15

3 PACKS FOR
\$.40

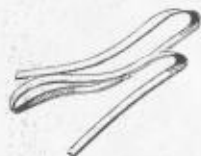


RECOVERY ACCESSORIES

TAPE DISCS: Just the thing for securing shroud lines to plastic chutes. You get 35 pressure sensitive discs on a sheet, each disc 3/4" in diameter. Shipping wt. 1 oz.
Cat. NO. BTD-35-----\$.25



SHOCK CORD: Convenient 18" pieces of strong durable rubber, absorb ejection shock and aid in deploying recovery systems. Three pieces per pack, each 18" piece is 3/16" wide. Perfect for rockets using 1/4 A through C type engines. Shipping wt. 1 oz.
Cat. NO. BSC-3-----Pack of 3 \$.25



SCREW EYES: These light-weight metal screw eyes are easily fastened to both balsa and hardwood nose cones. Six 3/4" screw eyes per pack. Shipping wt. 1 oz.
Cat. NO. BSE-6-----\$.25



SNAP SWIVELS: Light weight, extra strength swivels for quick changes of recovery systems and reducing chance of tangling shroud lines. Shipping wt. 1 oz.
Cat. NO. BSN-6--Package of 6-----\$.25



SHROUD LINE: Strong hard-surface line cord available in 72 yard spools. Great for all recovery systems. Shipping wt. 5 oz.
Cat. NO. BSL-72-----\$.25 ea.



Solderless terminals.....6 per pack \$.25

Launch lugs..... 6 per pack \$.25

Hardwood Nose Cones

Extremely precision machined nose cones give you the finest in texture, durability and fit. Easily finished with only one or two paint coats. Fit all body tubes with a .715" I.D. Ship. wt. 2 oz.

Cat. No.	I.D.	O.D.	Length	Price
HNC-1	.715"	.755"	3.25"	\$.40 each



Plastic Nose Cones

These hollow nose cones are available only from BO-MAR and can be used as payload sections or to customize your own design. Each weighs 100 gr. and perfect fit any body tubes with a .715" I.D. Ship. wt. 2 oz.

Cat. No.	I.D.	O.D.	Length	Price
PNC-1	.715"	.755"	3.50"	\$.50 each



Chrome - Plated Nose Cones

The ultimate in customized nose cones, these hollow plastic cones are luster - coated with a bright chrome finish. Adds a beauty to any rocket kit or your own design. Can be also used as a payload section. Weight is 100 gr. each and fits any body tube with a .715" I.D. Available only from BO-MAR.

Cat. No.	I.D.	O.D.	Length	Price
CNC-1	.715"	.755"	3.50"	\$.75 each



Custom Rocket Parts Shipping wt. 6 to 12 oz.

Extremely strong, lightweight body tubes. Special attention has been given to the paper and glue used in these tubes.

Cat. No.	I.D.	O.D.	Length	Price
BBT-1	.715"	.755"	9"	\$.15 each
BBT-2	.715"	.755"	18"	\$.30 each



These engine blocks fit perfectly in the BBT-1 and BBT-2 body tubes or any body tubes with a .715" I.D. Only 1/4" long, these fiber rings act to hold the motor in place. Hollow center provides an escape for motor ejection charge.

Cat. No.	BEB-1--Pkg. of 6 for \$.25
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Presently, BO-MAR Development Co., Inc. is not producing rocket motors for sale. Production of our motors will commence as soon as our research program has been completed.

We want to produce motors of high quality and stable performance that you can count on. In order to achieve these objectives it is necessary for us to carry out our developmental project.

All standard motors, now available from other rocket manufacturers, can be used in our kits.

You can be certain that we will inform you as soon as we are ready to start production.

Ordering Information

Payment

Full payment must accompany all orders. Please send payment by MONEY ORDER or CHECK. No C.O.D.'S or stamps, please. We do not recommend sending cash unless absolutely necessary. In that case, be sure to wrap it well. Be certain to include sufficient funds with your order. Any overpayment will be promptly returned. We are not responsible for coins, currency or orders lost in the mail.

Catalog Prices

All prices in this catalog take effect March 1, 1969. Prices are subject to change without notice.

Orders To Foreign Countries

Customers from foreign countries should check the International Parcel Post rates before ordering. Sufficient postage to cover additions should be included with orders. Any overpayment will be promptly refunded.

Quantity Discounts

Discounts are available to schools, clubs or individuals who purchase in large quantities. A 25% discount is given for orders of \$25 to \$50. A 30% discount is given for orders of \$50 or more. BO-MAR does not pay postage on discount orders.

Orders Postpaid

All orders shipped in the U.S. are postpaid by BO-MAR and with certain exceptions are delivered by regular surface parcel post. Discount orders and orders to foreign countries are not sent postpaid.

N.Y. STATE RESIDENTS ADD:

3% STATE TAX & ANY LOCAL TAX WHERE APPLICABLE

FREE... FULL COLOR

4 ft. Wall Map

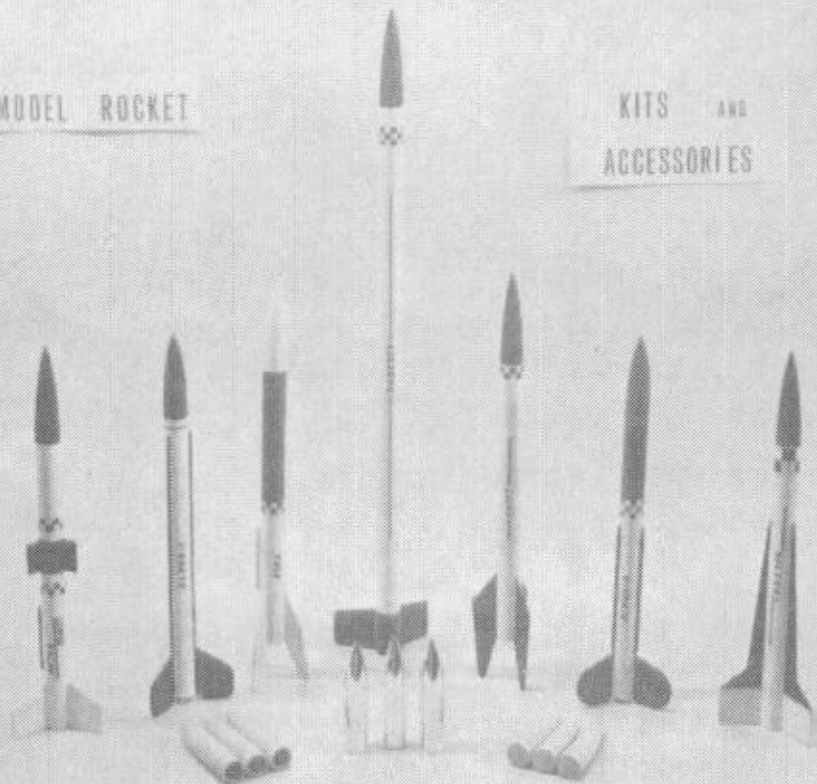
**OF THE
M O O N**

with orders of \$10⁰⁰ or more

Return Coupon With Order

MODEL ROCKET

KITS AND
ACCESSORIES



BO-MAR

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