

COASTER'S

CATALOGUE



1962



FLIGHT BEYOND THE EARTH IS "HERE"



Dr. Bill Hoit, mathematical department of Arlington State College and on the Board of Directors, is continually working out new formulas for reaction engines to be developed by our corporation. Dr. Hoit stated, "I have carefully examined the rockets and have observed their launching. They appear to have unusual possibilities for the furtherance of scientific knowledge among young prospective science students. It is my opinion that science teachers from the junior high school level on up will welcome the opportunity to use this rocket in laboratory demonstration work. The provision for safety in these rockets makes them particularly adaptable for pupils of school age."

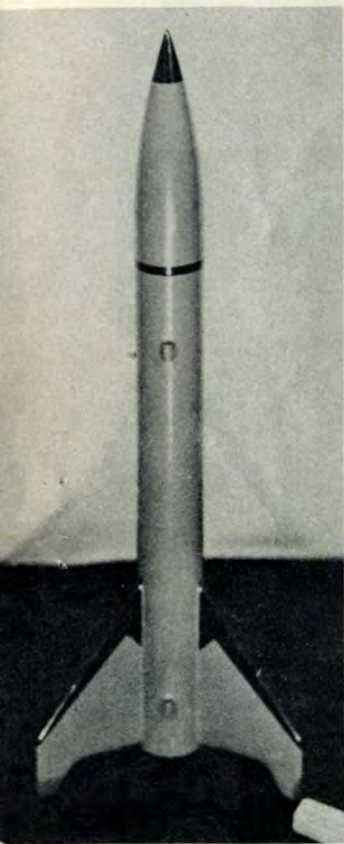
The rocket motor is powered with a solid chemical propellant which will withstand temperatures of more than 650 degrees (F) of indirect heat, and can be hit heavy blows or dropped without danger of igniting. When loaded properly in a non-metallic rocket motor, the propellant develops a powerful super-jet engine. The rocket motor after being fired, triggers a mechanism releasing a parachute that safely lands all components for refueling and refiring.

We believe our missile is safer than a u-control model airplane, since the path of flight is directed and it slowly returns by parachute. This should prove most acceptable to youngsters interested in rocket study. If man ever is to ride into space, confidence in and safety of such a space ship will have to be comparable to present day aircraft. This means that the danger flag and a firing crew standing fifty yards behind a shield must be eliminated. We believe our rocket is a step in this direction.

Copyright, 1959



COASTER'S CRAFT



CHANGE IN CRAFT FOR 1962

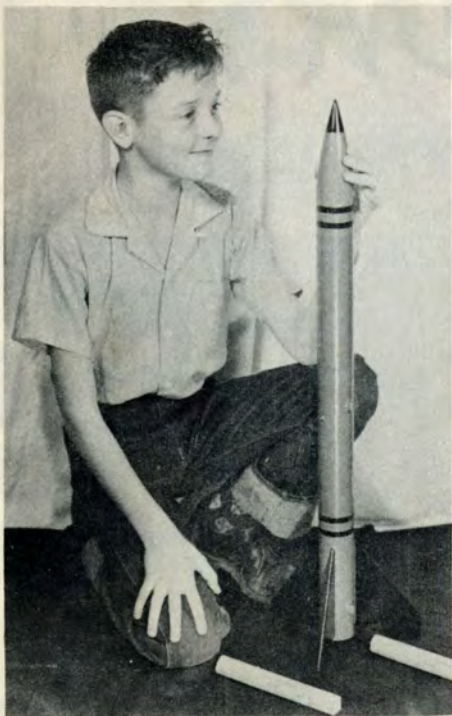
Our three craft are completely new. No longer do they use trigger tube with fuse, or parachute ejection charge. Simply pack parachute and install Coaster's new parachute delay motor, and your craft is ready for launching count down.

SATURN

Only **\$10⁵⁰**

Beautiful 24" craft with its special high efficiency fin design, comes to you with 3-20 lb. thrust motors, rigged with professional silk parachute recovery. No parts to cut, craft is ready for your own color scheme. Can be flown again and again.

30" parachute included
unless otherwise specified



SPACE PROBE I

All engines are interchangeable in our craft.

Richard Dickerson gives his SPACE PROBE I its final inspection before launching.

32" tall, like the SATURN and MERCURY, this craft has a professional silk parachute installed. There are no parts to cut, this craft is ready for color or colors to your own liking.

SPACE PROBE I comes with 3-30 lb. thrust motors for \$12.95. These crafts fade into the blue approaching the speed of sound or better.

30" parachute included
unless otherwise specified

MERCURY

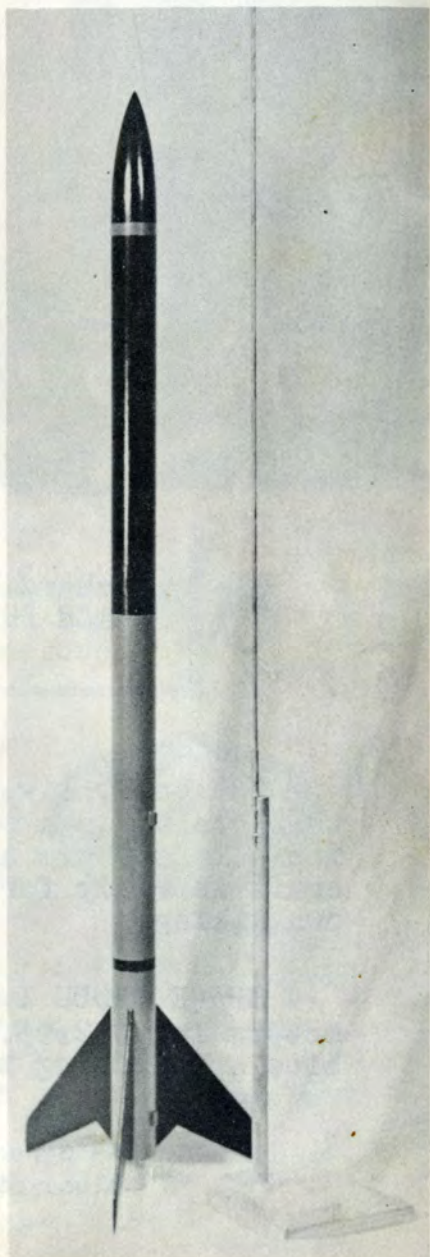
PARACHUTE EJECTION FAILURE ELIMINATED

The MERCURY is our most beautiful and stable craft. It now comes to you completely new. The trigger tube has been eliminated and the parachute chamber has been relocated. No fuse or bursting charge is needed.

This beautiful craft comes to you ready to paint and equipped with six 30 lb. motors, launcher, parachute and squibs.

30" parachute included unless otherwise specified.

The Mercury can also be ordered with 3-30 lb. for only \$15.95



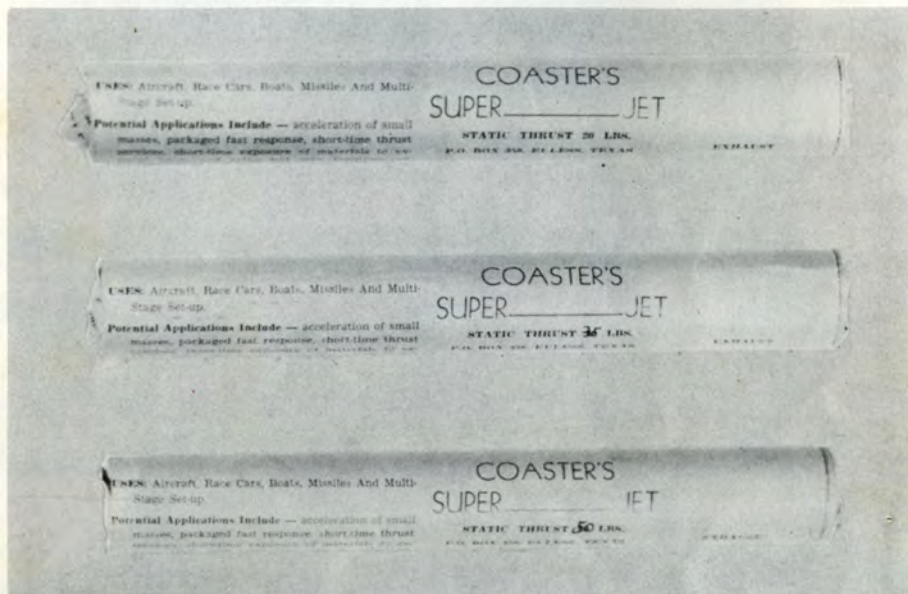
Complete with Launcher and six 30 lb. Thrust Super-Jet Motors.

Only **\$17.95**

Comes to you Ready to Paint

COASTER'S

REAL ROCKET MOTORS



NEW!

A completely new line of motors has been developed through Coaster research. Parachute bursting charge is included in the top of the motor. Our craft have been restyled for use of these motors. the regular motors will still be sold for multi-stage set up and early styled craft. Both lines of motors have more even burning time and time delay for maximum altitude.

NOW COASTER HAS SIX SUPER--JET MOTORS

20 lb. thrust .85--with new ejection .95

30 lb. thrust 1.00--with new ejection 1.10

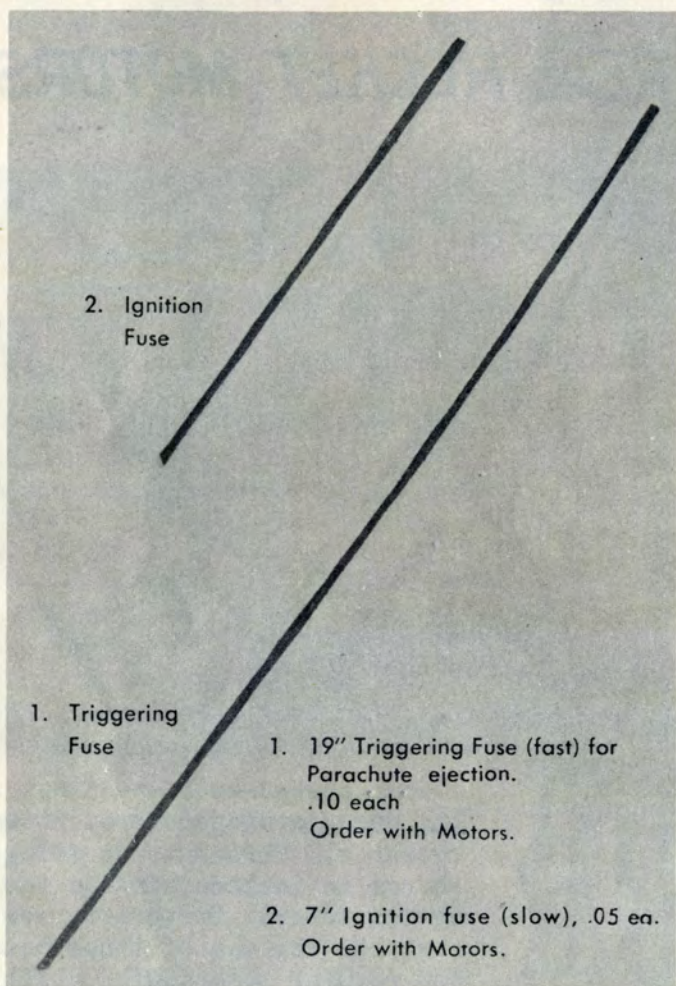
40 lb. thrust 1.30--with new ejection 1.40

All motor sizes are 8" Long, 1 1/16 Diameter

FOR INTERCHANGEABILITY

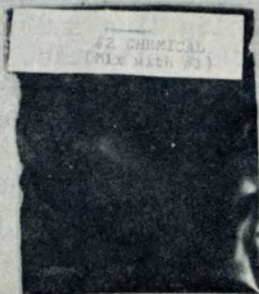
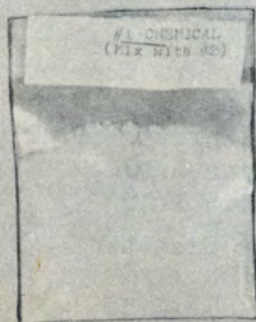
Research is constantly improving Coaster's motors both in reliability and thrust.

ROCKETEERING SUPPLIES



Chemical #1

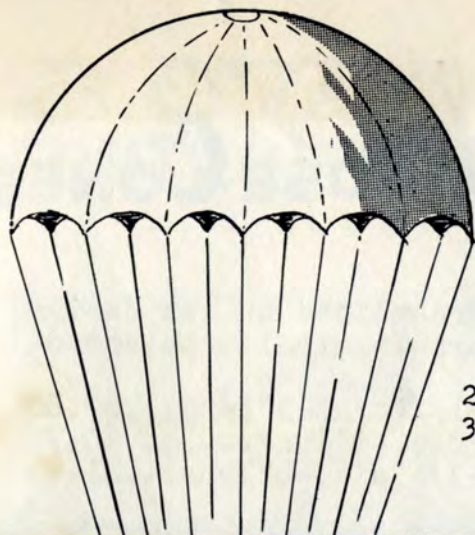
Chemical #2



Chemicals #1 & #2

.30 for the two. Come with instruction for making fuse and bursting charge.

Enough chemicals for 150" of fuse, when not using bursting charge.



PROFESSIONAL SILK PARACHUTE

24" parachute for fast decent
30" parachute for slow decent
recommended for added
pay load

30" Canopy... \$350
45" Canopy... \$575
60" Canopy... \$795

JOIN THE N A R

Coaster strongly recommends to you the National Association of Rocketry. As a member in this organization you will enjoy such as the following:

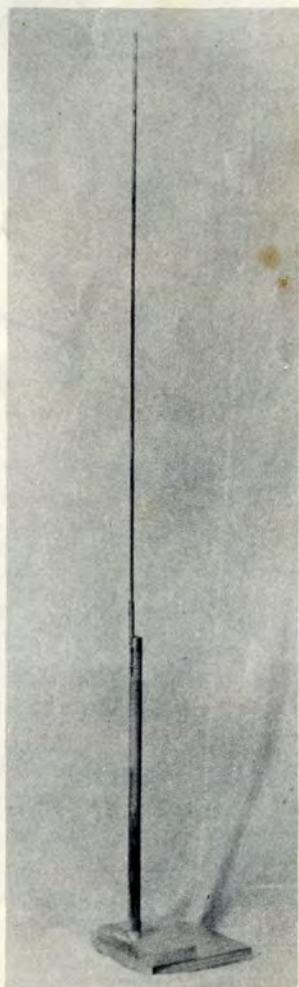
- (1) Annual model rocketry conventions
- (2) Rocket club organization
- (3) Helpful safety precautions
- (4) NAR membership

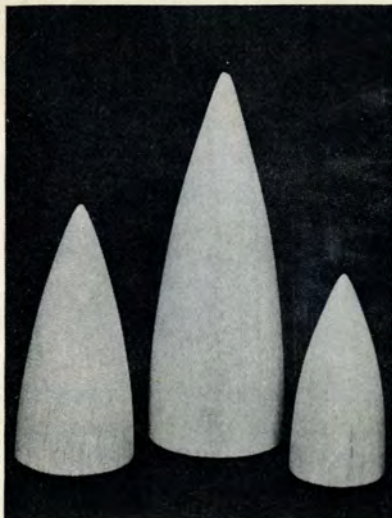
Write to NAR today!

National Association of
Rocketry
Suite 1962, 11W. 42nd St.
New York 36, N. Y.

\$3.00

Launcher
for your missiles.





< NOSE CONES

Streamlined bullet design
aerodynamically balanced

1-1/2"dia.-5"long...\$0.60
2"dia.-6"long.....\$0.75
2-3/4"dia.-8"long...\$1.79

New!

ELECTRICAL SPARK IGNITERS

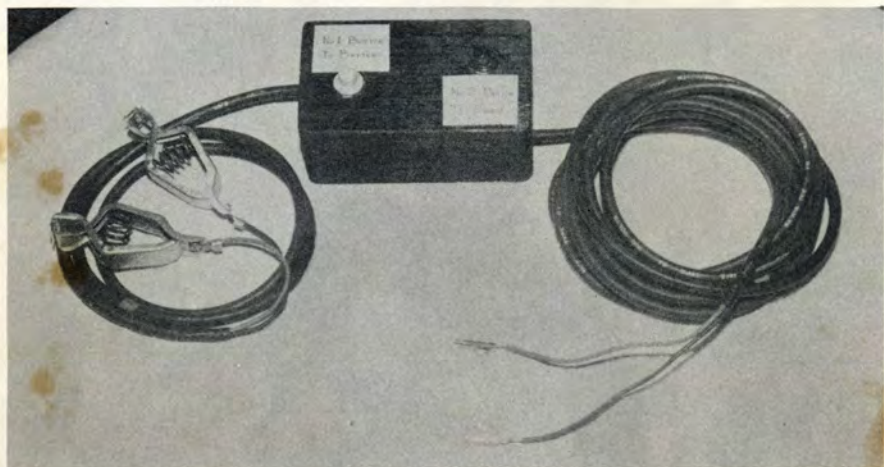


These new spark igniters are ideal for firing motors in clusters. They permit no delay in ignition, since they are easily set up. This new igniter comes to you 12¢ each or 3 for 30¢ with instructions for use.

Coaster's squibs, heat element igniters, to be used with Coaster's control panel come to you at 8¢ each.

Order squibs and new spark igniters with motor orders--Keep Freight Cost at Minimum.

ELECTRICAL CONTROL PANEL



BE PROFESSIONAL!

Equipped with two-way safety push buttons this panel comes with 25 ft. of heavy duty cord, for your 6 or 12 volt battery. This panel can be hooked to your battery without removing battery from car. Be professional, fire your missiles electrically.

YOURS FOR-

Only

\$6 50

**FREIGHT
PREPAID**

COSTER CORPORATION
P. O. BOX 280
EULESS, TEXAS

Mr. Allan O'Brien
5002 Danbury Ct.
Bethesda 14, Md.

ARLINGTON
FEB 20
7:30 PM
1962
TEX.

50TH ANN
GIRL SCOUTS
MARCH 12

