



# The

# BARON ROCKET PLANE

**FOLLOW THESE DIRECTIONS VERY CAREFULLY!** Read through them completely first, so you will know the general procedure. Then assemble your rocket plane step by step.

## PLANE ASSEMBLY

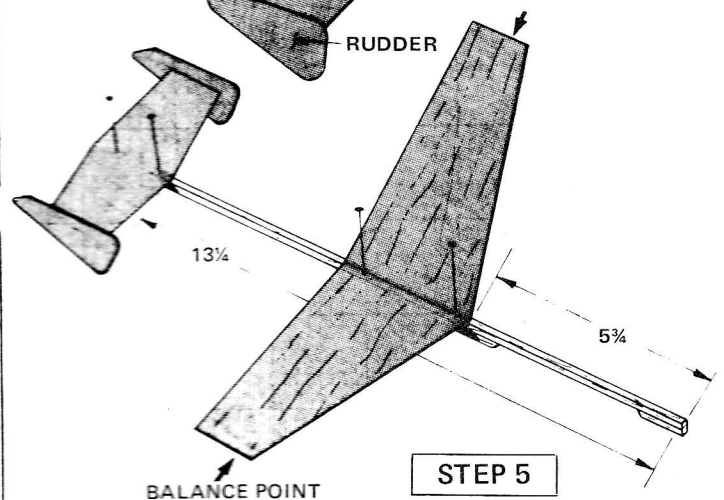
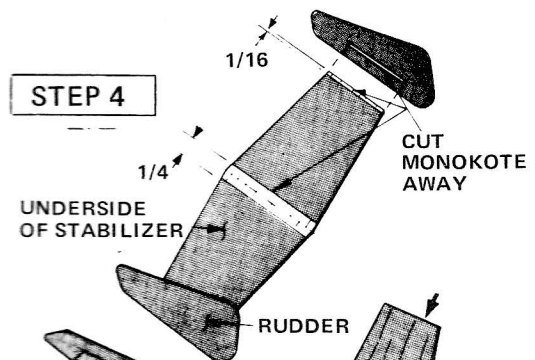
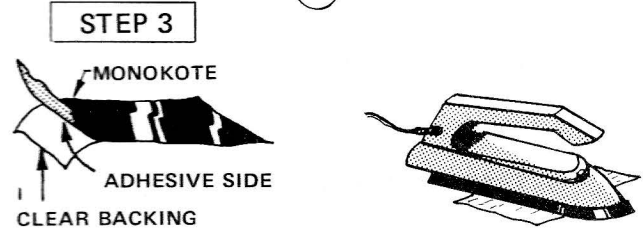
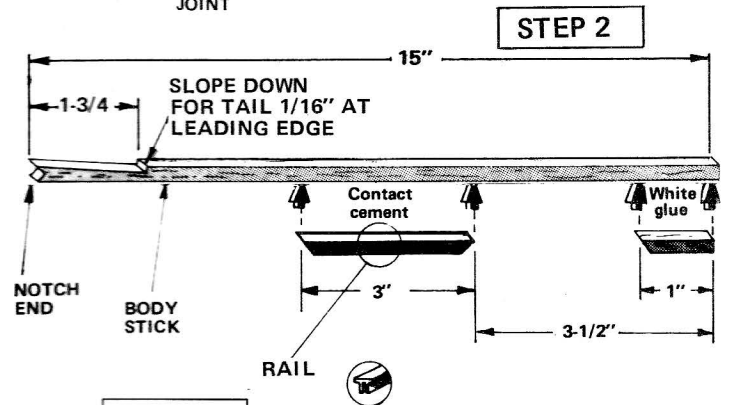
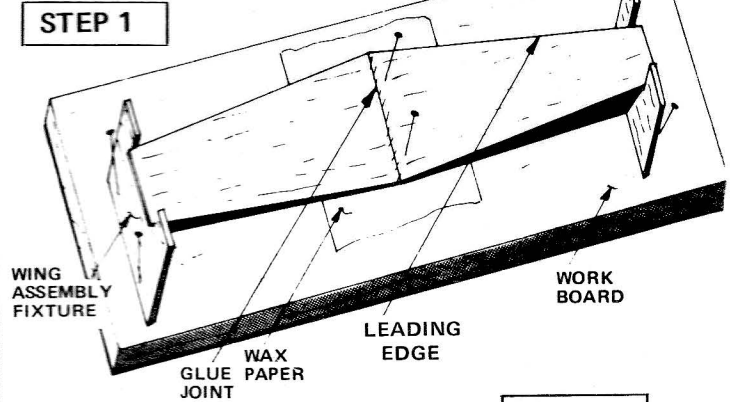
- Step 1 Cut out and glue the wing sections together. Use Elmers White Glue or equivalent, for all balsa-to-balsa wood joints.
- Step 2 Measure and cut the balsa body stick as shown. Glue a one inch long piece of  $3/16 \times 1/4$  inch balsa stick to the body stick. Cut a 3 inch length of rail, trim both ends, and cement to the body as shown. Use the contact cement provided. Apply cement to both surfaces, allow to dry until very tacky, then press together.
- Step 3 Cut out the two rudders, be sure the slot for the stabilizer has been cut out, then apply Monokote to the inside of each rudder (side which will be glued to the stabilizer).

To apply Super Monokote: Set an iron just below the melting point of the Monokote (usually "cotton-wool"). Cut a piece of Monokote to match the surface to be covered, leaving a  $1/4$  inch margin on all sides. Peel Monokote from its clear backing and lay on surface, adhesive side down. (If you forget which side is adhesive, the hot iron will stick only to the adhesive side.) Touch edges with iron to attach, then lightly press Monokote onto surface and around edges. Trim with scissors or knife.

After application to the inside of each rudder, cut away the Monokote from the stabilizer slot, then apply Monokote to the outer surface. If bubbles form under the Monokote, pierce them with a pin.

- Step 4 Apply Monokote to the stabilizer, cut away a strip from the bottom surface and from the ends, and glue rudders to the stabilizer.
- Step 5 Assemble the wing assembly and tail assembly to the body with white glue. Make sure the assembly is square, then set aside to dry.
- Step 6 Apply Monokote to wing surfaces, and apply decals to complete the plane.
- Step 7 The approximate balance point of the Baron is shown in Step 5. Add weight (wire brads) to nose or tail until the model balances at this point. Test for balance by gently throwing the plane straight out at shoulder level. If the plane noses upward into a stall, add weight to the nose; if it dives, remove weight. Proper balance is essential for a good flight.

ASSEMBLY INSTRUCTIONS No. 3100 A



# ROCKET ASSEMBLY

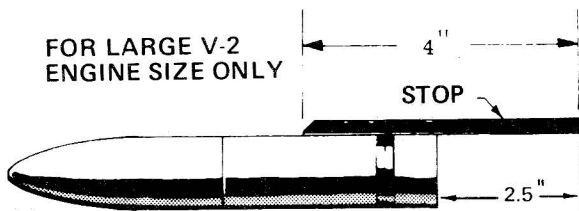
**Step 1** Place engine nozzle down in the center of the alignment guide (Figure 1). Locate rubber fill valve in the position shown. Reflection on the wall of the tube shows location and width of the glue joint areas. Scrape these areas thoroughly as shown in Figure 2. Scrape a 4 inch long area for the full length launch guide tube.

**Step 2** Cut three 3-inch pieces of rail and one 3 inch length of plastic tube. Slope the front ends of the fin rail, and chamfer the inside of the back ends (so the fins will slide in easily). Apply contact adhesive to scraped areas on engine and to rails and tubes. Allow to dry until very tacky, then press each item firmly in place.

**Step 3** Thread a piece of elastic shock cord through the 3 inch catapult tube as shown in Figure 6. Tie a loop and a large knot as illustrated. The upper knot must be large enough not to slip through the hole when the cord is stretched.

**Step 4** Remove the black vinyl tape from it's backing and tape the adapter tube to the fibre parachute tube. Cut an inch of tube for a stop, and cement to the parachute tube in the position shown in Figure 6.

If you are converting a Valkyrie-2 rocket (8.5 inch long engine) into a rocket plane, use a 4 inch section of tube for a stop in the position shown below.



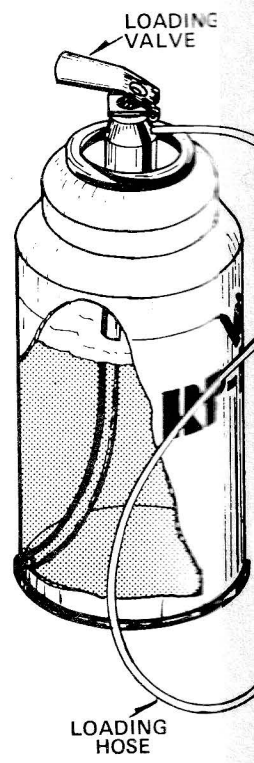
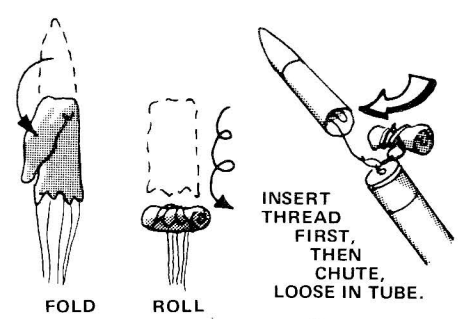
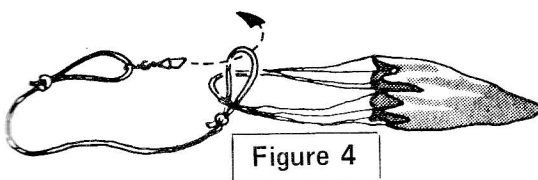
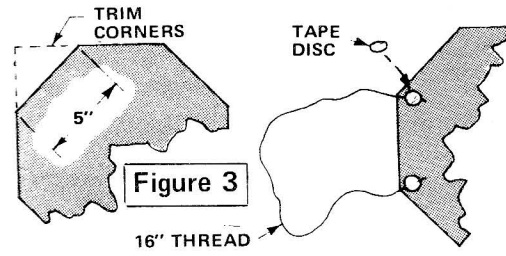
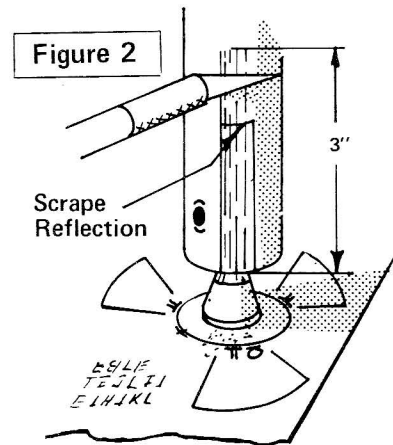
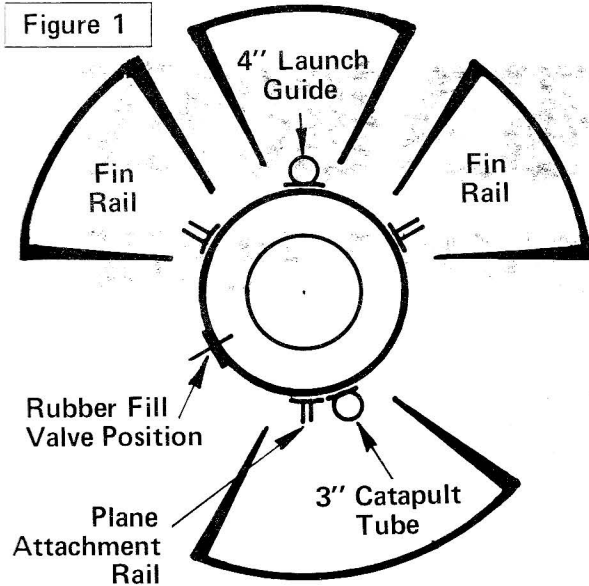
**Step 5** Cut a length of thread and tie to nose cone as shown in Figure 6. Tie a loop in the opposite end and thread through the parachute tube.

**Step 6** Cut the parachute material and attach parachute shrouds as shown in Figure 3. Attach a length of shock cord to the snap swivel and to the shrouds as shown in Figure 4.

**Step 7** Attach the snap swivel to the nose cone thread and to the separator. Screw separator onto engine with coupling and two paper timer discs.

**Step 8** Cut out two rocket fins, sand, apply Monokote, and slide into fin rails from one end. If your kit has a styrofoam nose cone, lightly sand to a dull finish, apply Testor's contour putty (or paste wood filler) to nicks, and paint with Pactra'Name! (not spray type), polyurethane, or epoxy enamel. Styrofoam requires special paint; test your paint on a styrofoam drinking cup first. Apply decals to complete the rocket.

## ALIGNMENT GUIDE



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## ROCKET ASSEMBLY

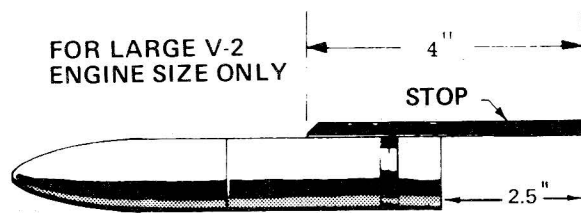
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Step 5 Cut a length of thread and tie to nose cone as shown in Figure 6. Tie a loop in the opposite end and thread through the parachute tube.

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## ALIGNMENT GUIDE

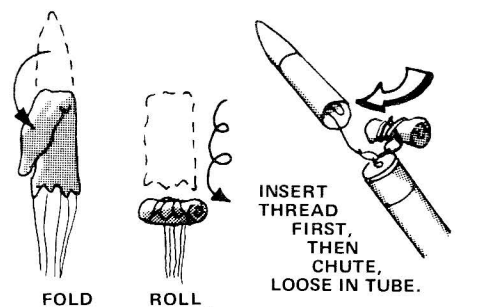
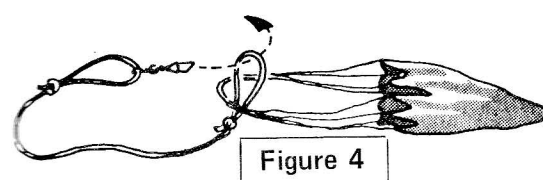
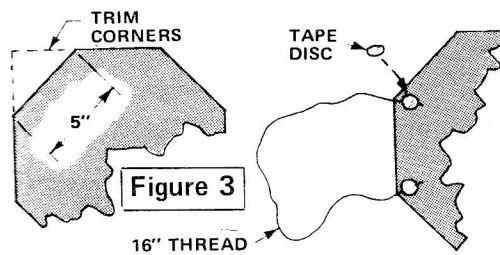
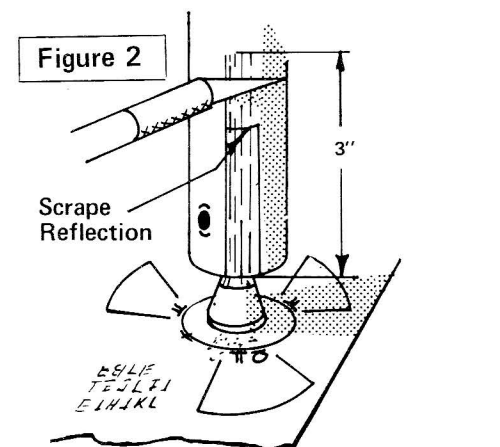
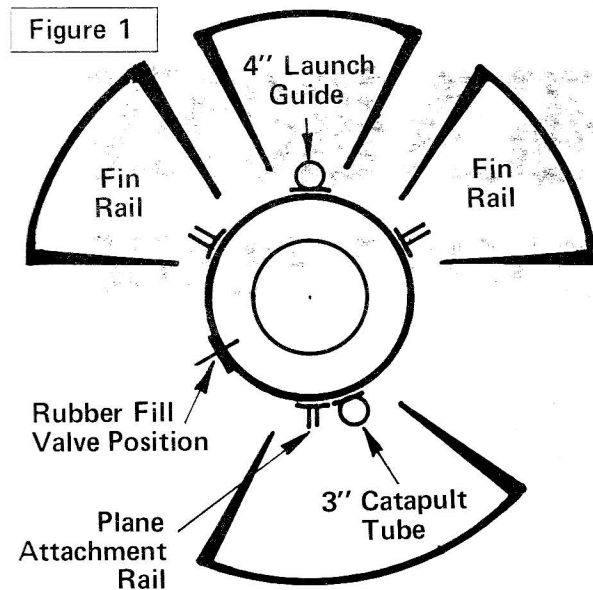
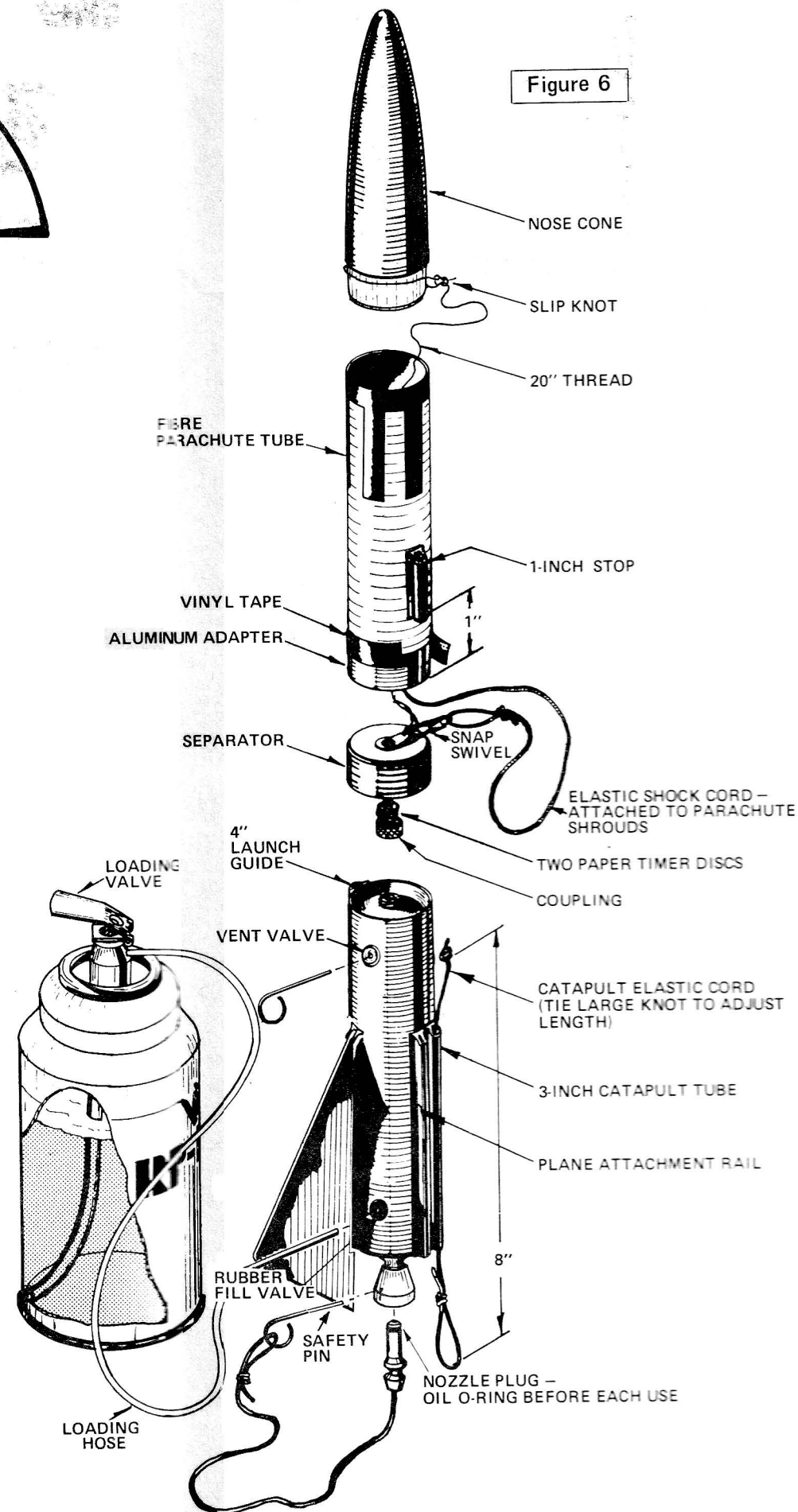


Figure 5



## PRE-FLIGHT CHECK OUT

Step 1 Oil and insert the nozzle plug and the safety pin. Smooth off end of pin so it slides freely.

Step 2 Fold and insert the parachute as shown in Figure 5. The thread goes in first. Parachute should be loose and free to fall out of tube.

Step 3 Hold the parachute tube on the separator with the stop aligned with the plane rail. While holding the tube in place, press the loading valve briefly (1/2 second) to pressurize the engine. Nose cone should latch in place.

**TROUBLE?** Parachute tube must be held squarely to latch in place, and will not latch after engine is pressurized. Release plug to vent engine, and try again. A leak at the timer discs may also prevent latching. Screw separator on more firmly.

Step 4 Slide the plane onto its rail (rails must fully interlock) and up against the stop. Place the loop of the catapult elastic cord onto the tail notch. The plane should be held in place by the cord against the stop.

If the nose cone and parachute tube are bent out of alignment, lengthen the cord to reduce the tension.

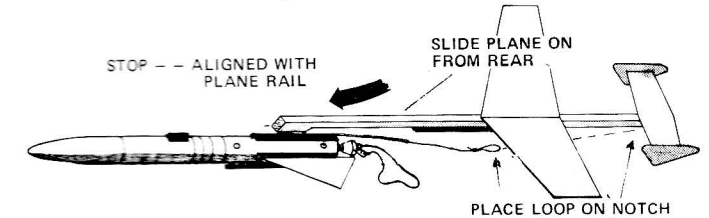
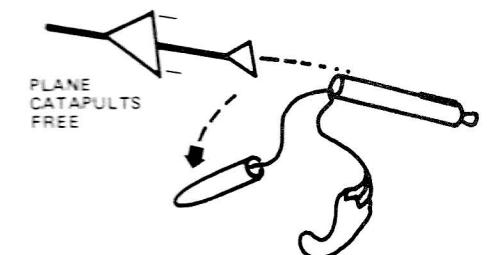
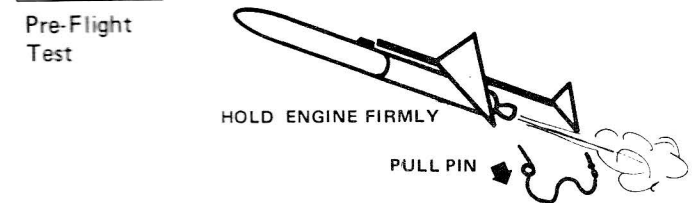


Figure 7

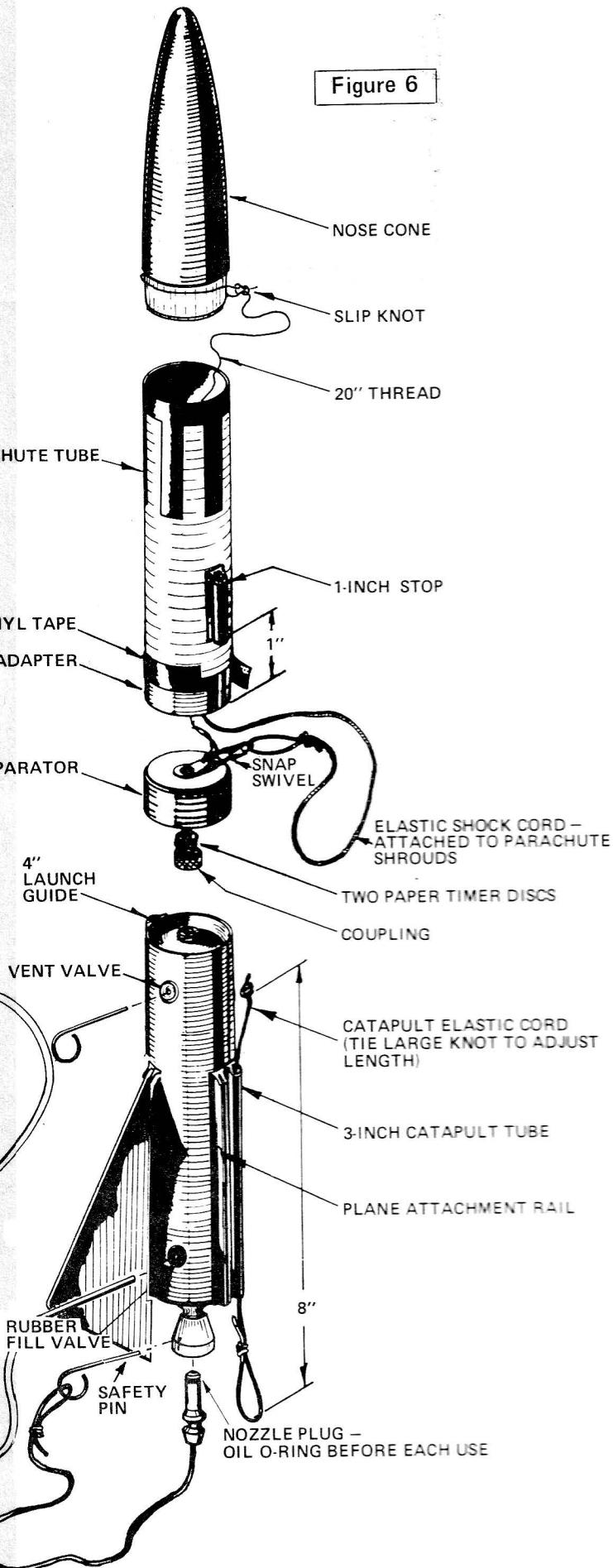
Step 5 Hold the rocket plane firmly by the engine so that the plane will be free to slide forward, and pull the safety pin. After a brief interval, the parachute tube should release, and the plane should catapult free. Smooth off ends of rails so they slide freely, and adjust catapult cord as required to achieve proper plane release.

Figure 8



PARACHUTE UNFOLDS

## PRE-FLIGHT CHECK OUT

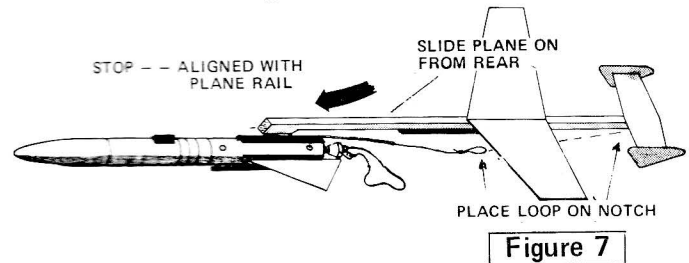


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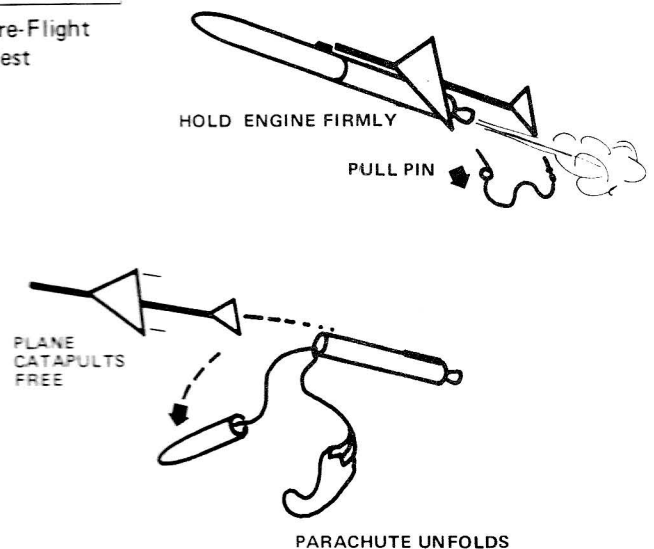
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**Figure 8**

Pre-Flight Test



# LAUNCH PROCEDURE

As a responsible rocketeer, you should take care to observe the following precautions.

## General Precautions

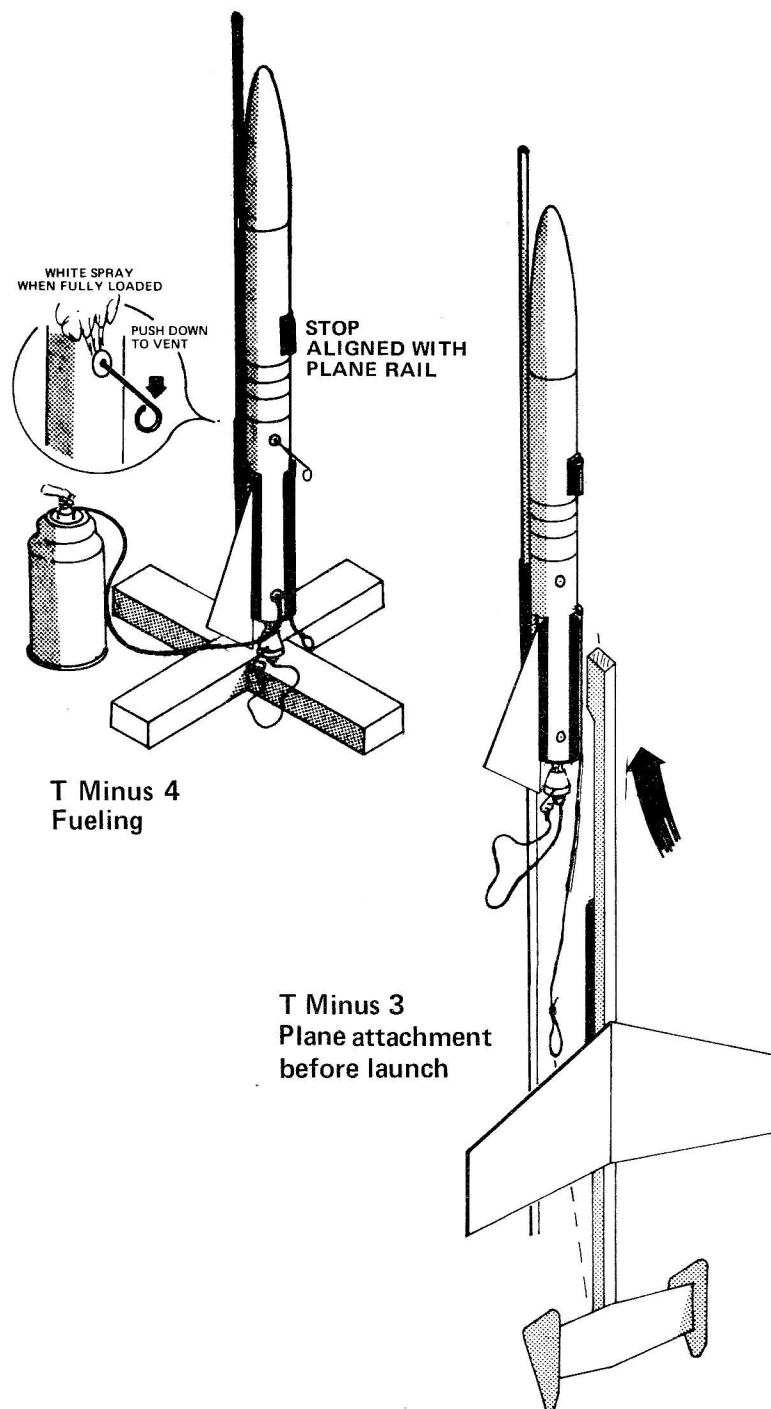
1. Use only RP-100 propellant.
2. Always have the safety pin installed and the nozzle extension firmly pushed in place before loading the rocket.
3. Do not point the nose or nozzle of a loaded rocket at anyone.
4. Never carry or store a loaded rocket.
5. Never fly a rocket without adequate fins.
6. Always use a launcher and launch the rocket vertically.
7. Always have an adult present when you load or launch your Rocket.

## COUNTDOWN

- T-8 Set up launcher in middle of field. Allow 100 yards in all directions for recovery. Make sure launcher is stable.
- T-7 Oil and install the firing assembly plug and safety pin and slide the engine onto the launcher.
- T-6 Fold and pack the parachute into the parachute tube.
- T-5 While holding the parachute tube in place and in line insert the loading hose and pressurize the engine. Verify that the tube is latched in place. If tube is latched the engine is ready to load.
- T-4 **Fueling:** Insert a safety pin in the vent valve at the top of the engine, and while holding the loading valve lever down, vent SLIGHTLY by pushing down on the vent valve pin. Vent only enough to allow propellant to flow into the engine. Repeat venting until engine is full (white mist sprays out of vent valve). Carefully remove hose.
- NOTE: If engine grows cold you are venting too fast. VENT SLOWLY.
- T-3 Slide plane onto its rail and attach shock cord.
- T-2 Alert everyone within range that you are ready to launch.
- T-1 Make sure that airspace above launching area is clear and no airplanes are near.
- ZERO: **BLAST OFF!** While bracing the nozzle with your finger, pull the safety pin quickly from the nozzle extension to launch the rocket plane.

NOTE: The user must exercise care in the use of Estes Industries products and strictly comply with the precautions stated above and the instructions provided. The user assumes all risk of use or handling. Estes Industries makes no warranty of any kind, express or implied, and assumes no liability beyond the replacement of parts which, in the judgment of Estes Industries, are defective.

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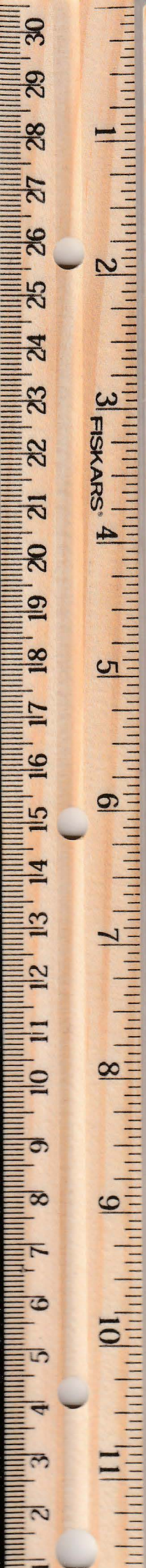
## FLIGHT TIPS

1. For best launch performance, keep propellant warm.
2. Plane should separate on the way up, not on the way down. Adjust timer discs (pierce one with a pin if necessary) to cause separation before peak altitude.
3. If your plane turns sharply into a vertical dive, yet is balanced, warped wings may be the cause. Use a hot iron to heat the wing surfaces while twisting to straighten wings. Or, add a small weight to the wing that lifts in the turn, to counteract the turn. The body stick may also be warped downward at the tail. Bend the tail slightly upwards. Moistening the body stick may help.

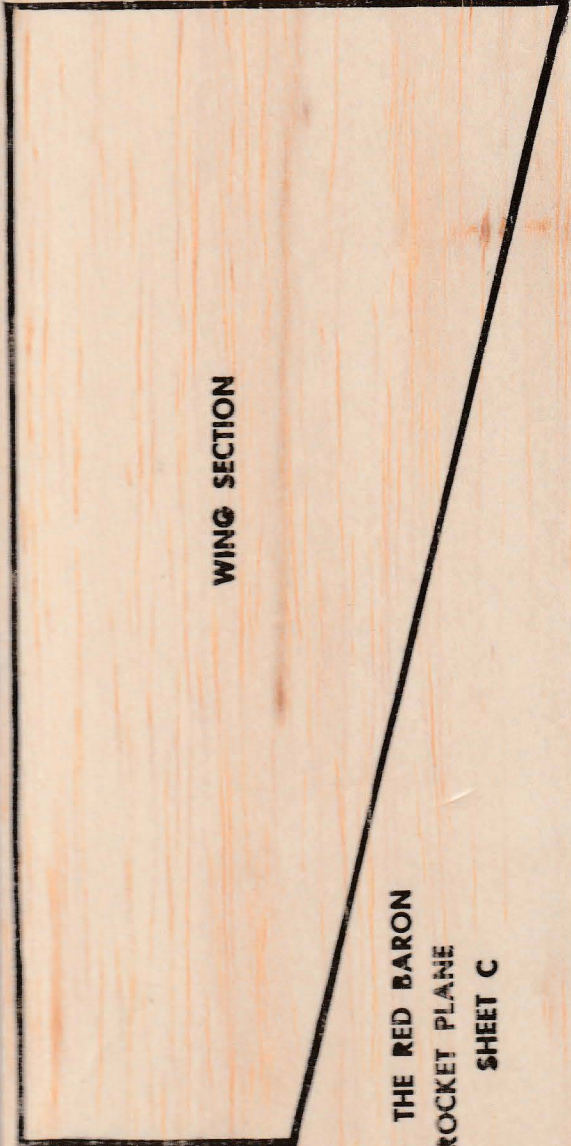
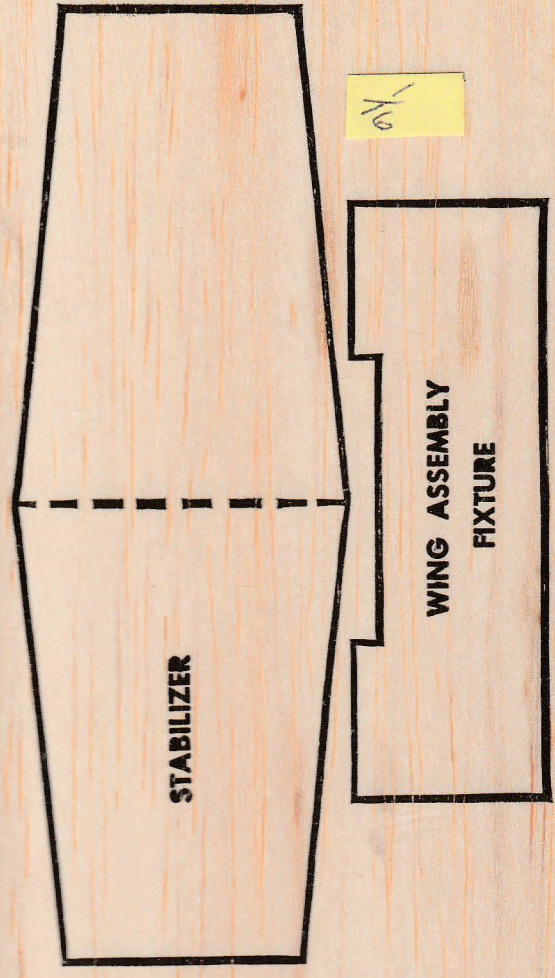


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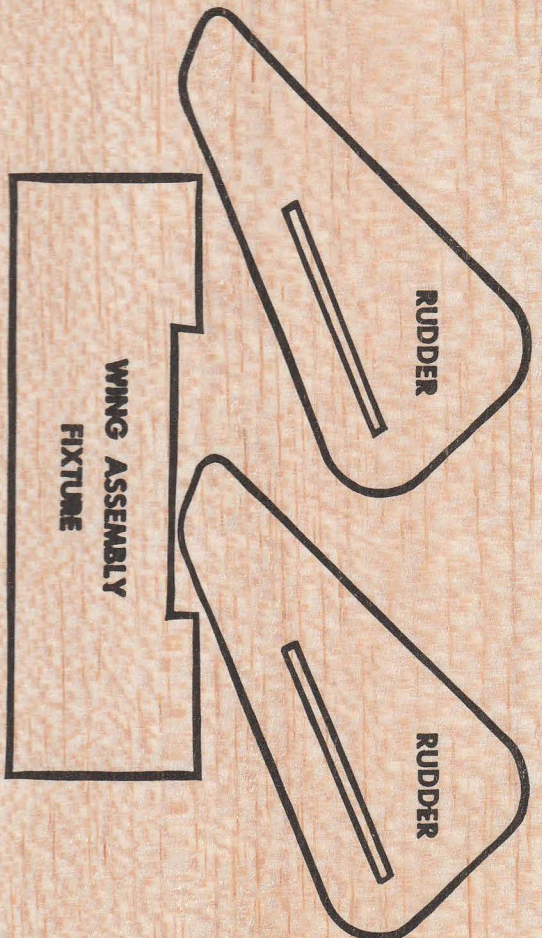


THE RED BARON  
ROCKET PLANE  
SHEET C

THE RED BARON  
ROCKET PLANE  
SHEET B



WING SECTION

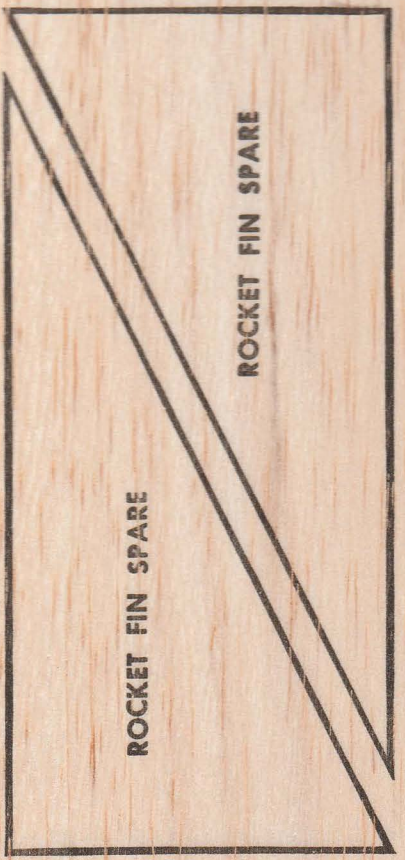


WING ASSEMBLY  
FIXTURE

RUDDER

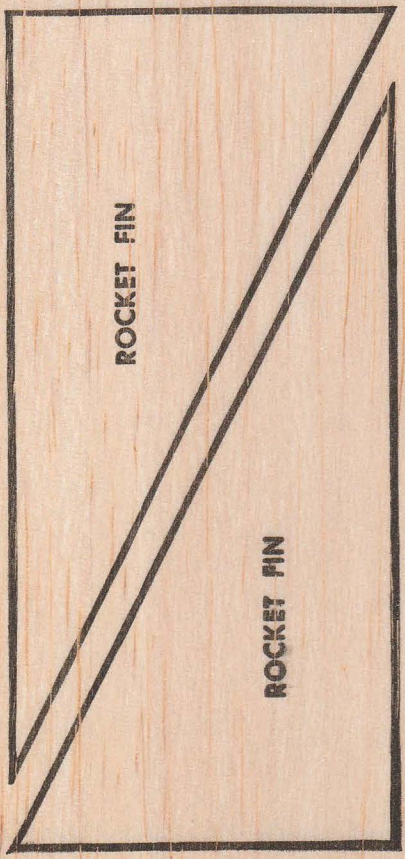
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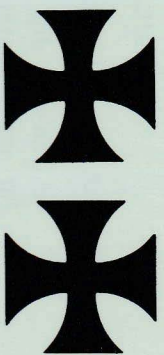
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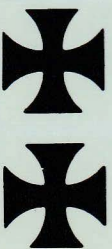
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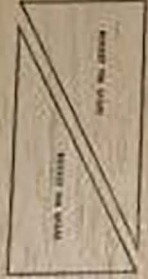
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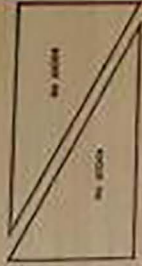


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THE KIT INCLUDES  
EVERYTHING YOU  
NEED TO BUILD



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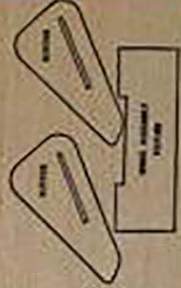


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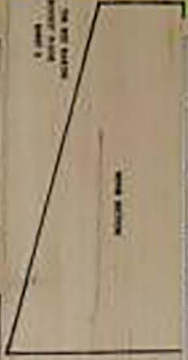
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HOW TO BUILD THE KIT

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# Baron Rocket Plane

...with a motor that will give you the best of both worlds.

**ROCKET UP FLY BACK**  
This rocket powered flying model has a motor that will give you the best of both worlds. The motor that will give you the best of both worlds.

# Baron Rocket Plane

**ROCKET POWERED  
FLYING MODEL  
COMPLETE**

**SAFE**



### 3 Easy to Build

All parts are numbered and color-coded. The kit includes a detailed picture manual to guide you through every step of the building process. No special tools are needed.



### 2 Exciting to Test

After you've built it, you'll love to test it. The rocket motor will give you the best of both worlds. The motor that will give you the best of both worlds.



### 1 Fun to Fly!

Experience the thrill of flying in the sky. The motor that will give you the best of both worlds. The motor that will give you the best of both worlds.

## BLASTOFF !!!

The Baron Rocket Plane is a fun and exciting flying model. The motor that will give you the best of both worlds. The motor that will give you the best of both worlds.

Matched Up Fly Back with



# Baron Rocket Plane

### Complete in this box

The kit includes everything you need to build your very own rocket plane. The motor that will give you the best of both worlds. The motor that will give you the best of both worlds.

### SAFE Properties

The motor is powered by a special fuel that is safe and easy to use. The motor that will give you the best of both worlds. The motor that will give you the best of both worlds.

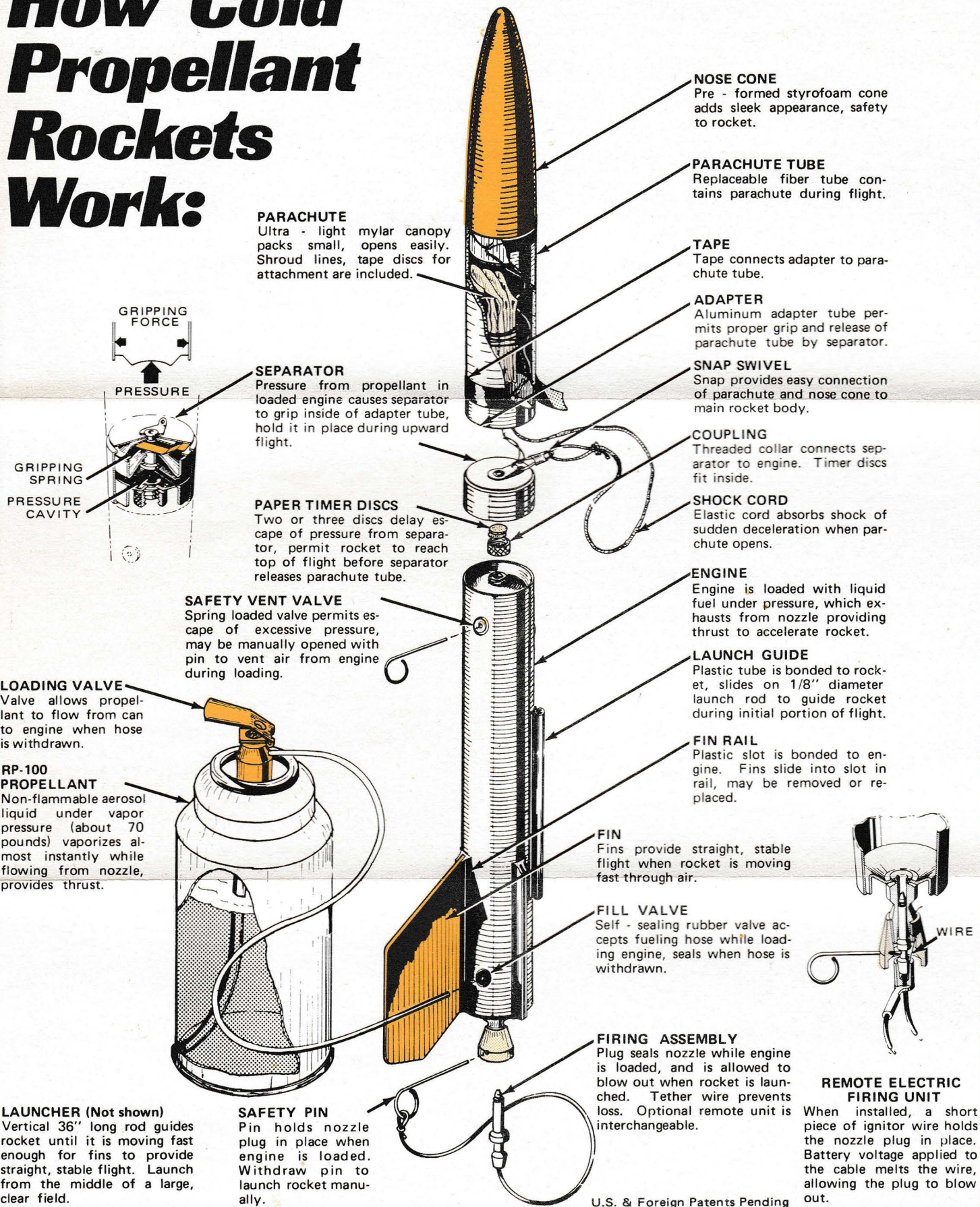
### CAUTION

Always wear your seat belt when flying. Do not drink alcohol or use drugs while flying. The motor that will give you the best of both worlds. The motor that will give you the best of both worlds.



U.S. Patent No. 2,842,174

# How Cold Propellant Rockets Work:



**NOSE CONE**  
Pre - formed styrofoam cone adds sleek appearance, safety to rocket.

**PARACHUTE TUBE**  
Replaceable fiber tube contains parachute during flight.

**PARACHUTE**  
Ultra - light mylar canopy packs small, opens easily. Shroud lines, tape discs for attachment are included.

**TAPE**  
Tape connects adapter to parachute tube.

**ADAPTER**  
Aluminum adapter tube permits proper grip and release of parachute tube by separator.

**SNAP SWIVEL**  
Snap provides easy connection of parachute and nose cone to main rocket body.

**COUPLING**  
Threaded collar connects separator to engine. Timer discs fit inside.

**SHOCK CORD**  
Elastic cord absorbs shock of sudden deceleration when parachute opens.

**ENGINE**  
Engine is loaded with liquid fuel under pressure, which exhausts from nozzle providing thrust to accelerate rocket.

**LAUNCH GUIDE**  
Plastic tube is bonded to rocket, slides on 1/8" diameter launch rod to guide rocket during initial portion of flight.

**FIN RAIL**  
Plastic slot is bonded to engine. Fins slide into slot in rail, may be removed or replaced.

**FIN**  
Fins provide straight, stable flight when rocket is moving fast through air.

**FILL VALVE**  
Self - sealing rubber valve accepts fueling hose while loading engine, seals when hose is withdrawn.

**FIRING ASSEMBLY**  
Plug seals nozzle while engine is loaded, and is allowed to blow out when rocket is launched. Tether wire prevents loss. Optional remote unit is interchangeable.

**REMOTE ELECTRIC FIRING UNIT**  
When installed, a short piece of ignitor wire holds the nozzle plug in place. Battery voltage applied to the cable melts the wire, allowing the plug to blow out.



**SEPARATOR**  
Pressure from propellant in loaded engine causes separator to grip inside of adapter tube, hold it in place during upward flight.

**PAPER TIMER DISCS**  
Two or three discs delay escape of pressure from separator, permit rocket to reach top of flight before separator releases parachute tube.

**SAFETY VENT VALVE**  
Spring loaded valve permits escape of excessive pressure, may be manually opened with pin to vent air from engine during loading.

**LOADING VALVE**  
Valve allows propellant to flow from can to engine when hose is withdrawn.

**RP-100 PROPELLANT**  
Non-flammable aerosol liquid under vapor pressure (about 70 pounds) vaporizes almost instantly while flowing from nozzle, provides thrust.

**LAUNCHER (Not shown)**  
Vertical 36" long rod guides rocket until it is moving fast enough for fins to provide straight, stable flight. Launch from the middle of a large, clear field.

**SAFETY PIN**  
Pin holds nozzle plug in place when engine is loaded. Withdraw pin to launch rocket manually.

U.S. & Foreign Patents Pending

# ROCKET PLANE KIT

## PARTS LIST

5075	V-1 Engine	\$3.95
	With trade-in*	1.50
5002	Separator	2.95
	With trade-in*	1.00
5118	Payload Compartment Kit (Aluminum adapter tube, parachute tube, nose cone, tape)	.50
5120	Fin Rail and Launch Guide (Rails, guides, and glue)	.50
5119	Parachute Kit (Parachute, shroud thread, shock cord, tape discs, snap swivel)	.50
5027	Loading Valve and Hose	.50
5055-19	Manual Firing Unit	.75
5058	Small Parts Kit (Coupling, timer discs, safety pins, nozzle extension)	.50
5080-3	Decal	.15
5069	X-13 Plane (Body, wing & tail material, Monokote, attachments, weights)	1.65

## ACCESSORIES

### Rocket Launched Planes

5067	Astro-Gnat Plane	\$1.65
5068	Baron Plane	2.25
5069	X-13 Plane	1.65

### Load-"n"-Launch Equipment

5095	36" Tripod Launcher	1.29
5039	RP-100 Propellant, 15 oz.	1.95
5094	RP-100 Propellant, 7-1/2 oz.	1.25
5113	Remote Electrical Firing Unit (With ignitor wire)	1.95
5057	Ignitor Wire, 6" piece	.25

### Multi-Stage Equipment

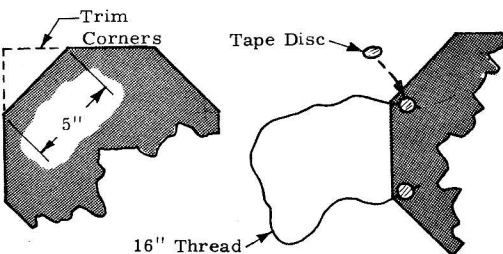
5060	Staging Adapter Kit (Staging adapter tube, staging plug, tape, thread, safety pin, Multi-Stage Booklet)	.99
5105	Multi-Stage Booklet	.25
5001	V-2 Engine (Large)	4.95
5075	V-1 Engine (Small)	3.95
5002	Separator (With coupling and timer discs)	2.95

### Special Features in THIS KIT:

**MANUAL FIRING ASSEMBLY**, with a single short tether wire. You will find it handy to tie this wire to the safety pin to prevent loss of either part. (For Cape Kennedy realism, get the Remote Electrical Firing Unit to launch your rocket from a distance).

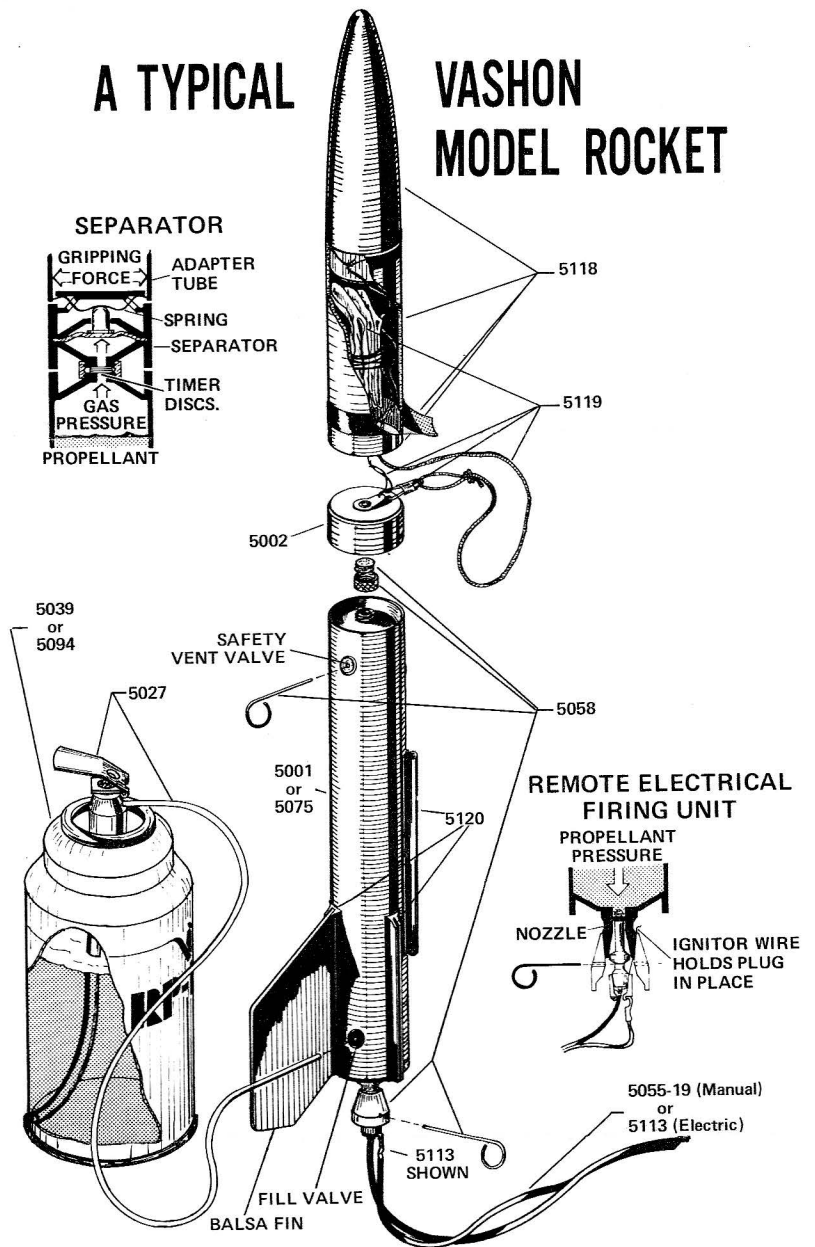
**LARGE TWO-PIECE PARACHUTE TUBE**, which makes parachute packing easier. Tape the aluminum adapter to the fiber tube with the tape provided.

**COMPLETE PARACHUTE** - Shroud line and tape discs are provided for the parachute in this kit. Assemble as shown.



## A TYPICAL

## VASHON MODEL ROCKET



Styrofoam requires special paint. If your kit has a styrofoam nose cone, try Pactra 'Namel (NOT the spray type), or polyurethane enamels. Test your paint on a styrofoam drinking cup before using on the nose cone. Nicks may be filled with Testor's Contour Putty or most paste wood fillers.

\*Trade-ins accepted ONLY at the factory. Engines and separators are repaired or replaced at nominal trade-in cost, regardless of cause of damage. Defective parts are replaced at no cost.

See your dealer for parts and accessories. If he doesn't have them, you may order direct from the factory. Please use part numbers when ordering and send remittance with order. No C. O. D. 's are accepted. Washington residents add 4.5% sales tax.



A SUBSIDIARY OF DAMON

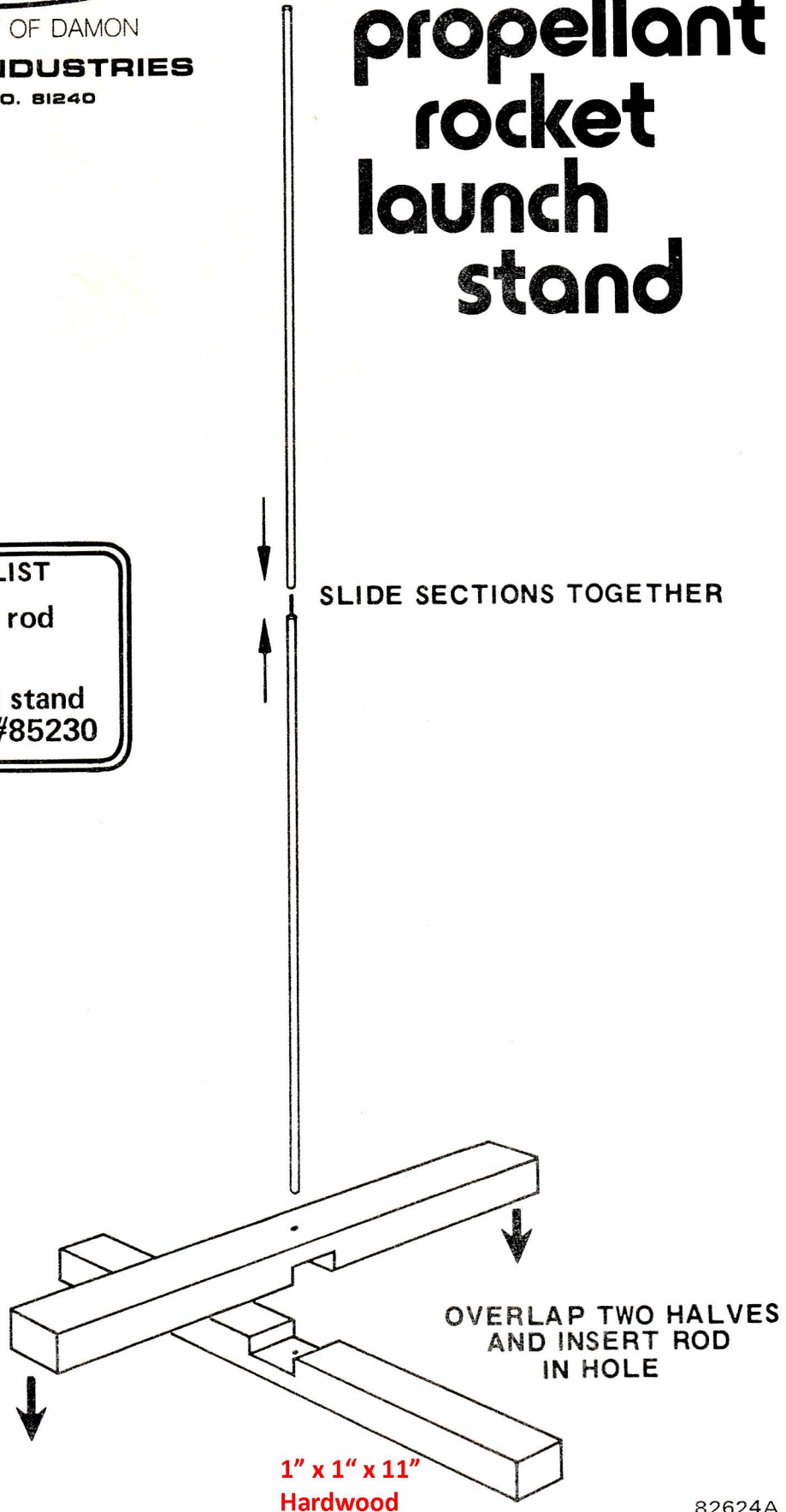
**ESTES INDUSTRIES**  
PENROSE, COLO. 81240



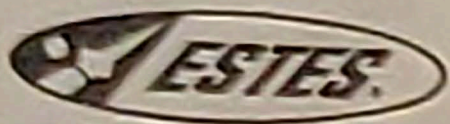
A SUBSIDIARY OF DAMON  
**ESTES INDUSTRIES**  
PENROSE, COLO. 81240

# cold propellant rocket launch stand

- PARTS LIST**
- 1 - 2 piece rod #2235
  - 2 - Launch stand halves #85230



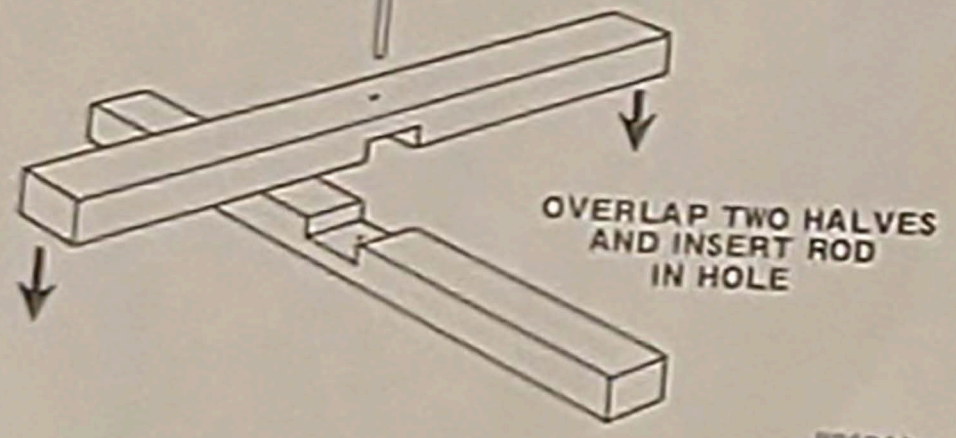




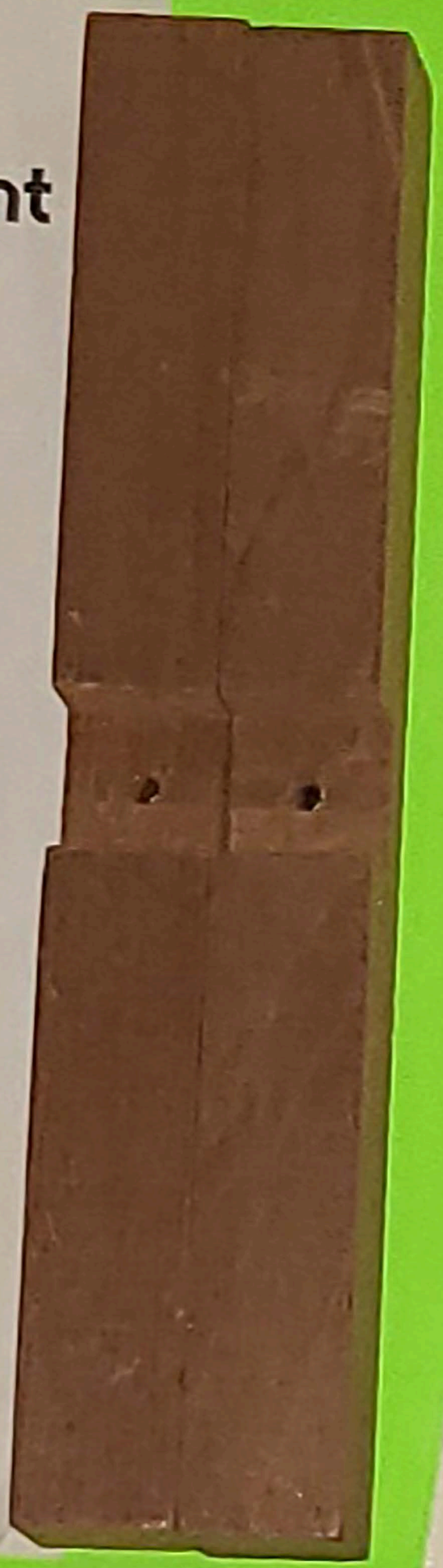
A SUBSIDIARY OF DAIKON  
**ESTES INDUSTRIES**  
 PENROSE, COLO. 80440

# cold propellant rocket launch stand

- PARTS LIST**
- 1 - 2 piece rod #2235
  - 2 - Launch stand halves #85230



E2624A



18" X 2pc

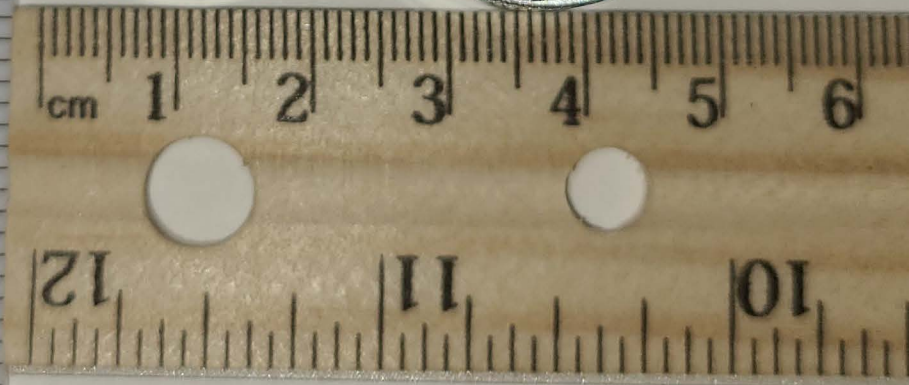






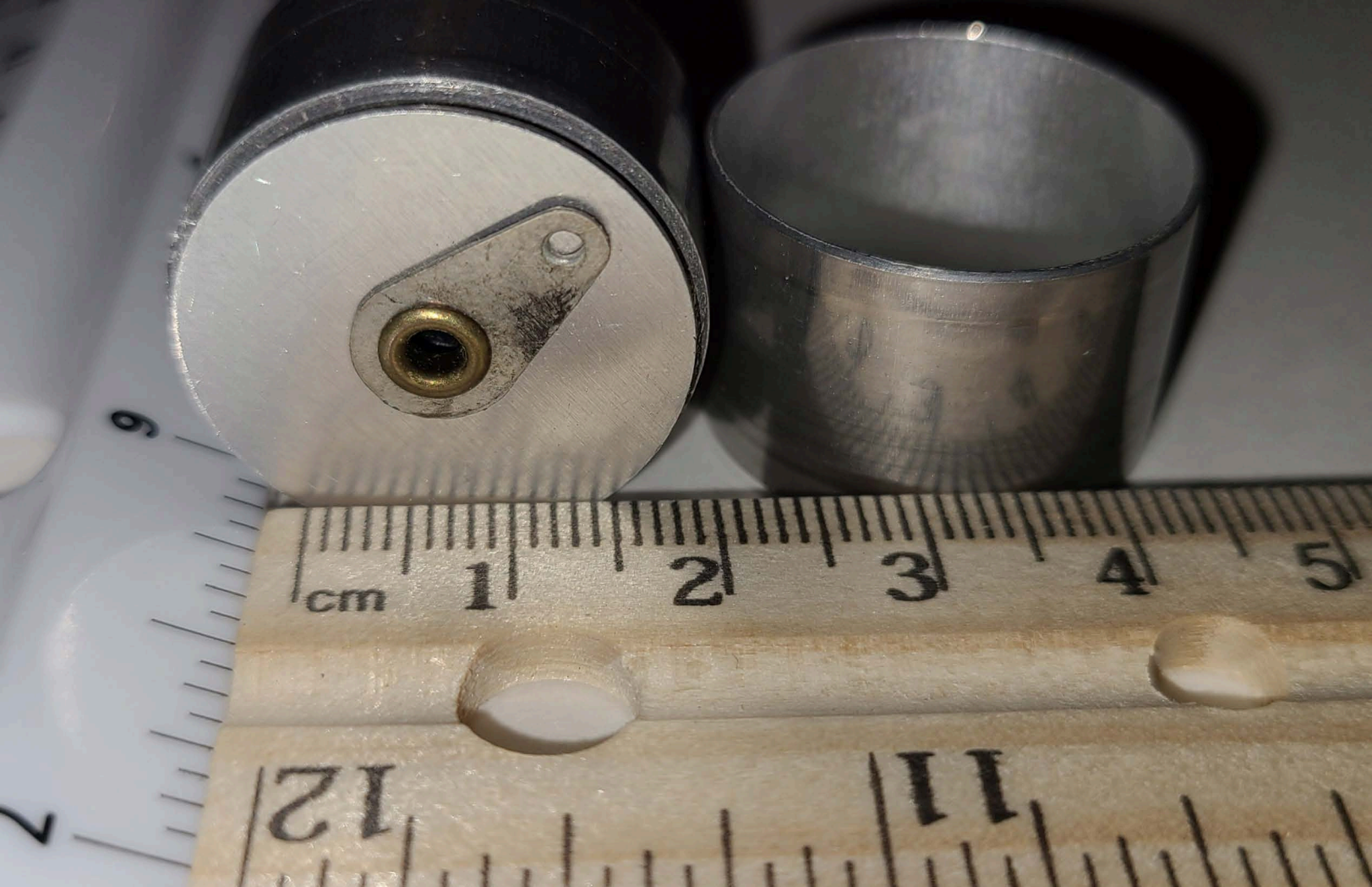












**ESTES**  
ROCKETRY DIVISION  
ESTES INDUSTRIES  
MILWAUKEE, WISCONSIN 53001

## cold propellant rocket launch stand

SLIDE SECTIONS TOGETHER

OVERLAP TWO HALVES AND INSERT ROD IN HOLE

**PARTS LIST**  
1 - 2 piece rod #2230  
2 - Launch stand halves #83230

103044

**Engine Service Policy**

If this document does not apply to your engine, the manufacturer, The Estes Industries, is not liable for any damage to the engine or the user. The user must follow the engine manual and the rest of all parts must be used with the original engine, with the exception noted for K1 and Challenger engines, and other engines may. (See C-1, 1, 1.)

Send to:  
Customer Service  
**ESTES** ROCKETRY DIVISION  
MILWAUKEE, WISCONSIN 53001

**Warranty**

All parts of this product are guaranteed by Estes Industries. Replace defective or unsatisfactory parts upon receipt. We reserve the right to substitute a different part without charge provided the substitution is made without delay. The substitution will be made at the discretion of the manufacturer. The substitution will be made at the discretion of the manufacturer. The substitution will be made at the discretion of the manufacturer.

For details contact your local dealer or write to:  
**ESTES**  
ROCKETRY DIVISION  
MILWAUKEE, WISCONSIN 53001

## How Cold Propellant Rockets Work:

**NOSE CONE**  
The nose cone protects the parachute during flight. It is made of plastic or wood and is attached to the top of the rocket.

**PARACHUTE TUBE**  
The parachute tube is made of plastic or wood and is attached to the bottom of the nose cone.

**TAPE**  
The tape is used to secure the parachute tube to the nose cone.

**ADAPTER**  
The adapter is used to secure the parachute tube to the nose cone.

**SNAP BRIVES**  
The snap brivies are used to secure the parachute tube to the nose cone.

**PARACHUTE**  
The parachute is made of plastic or wood and is attached to the bottom of the rocket.

**IGNITER**  
The igniter is used to start the engine.

**ENGINE**  
The engine is used to propel the rocket.

**LAUNCH STAND**  
The launch stand is used to hold the rocket during launch.

**USA**  
**INTERSTATE**  
**RECREATION**  
**INSTRUMENTATION**

**ESTES**  
**ESTES**

**NASA**

**VALKYRIE**

**USA**

**1234567890**

**ZZ-TWO ST-AT-WS**  
**Z<L>K**

# VALKYRIE ROCKET

## ASSEMBLY INSTRUCTIONS

Follow directions carefully; read through them completely first. Then proceed to assemble your rocket step by step.

### REPLACEMENT PARTS

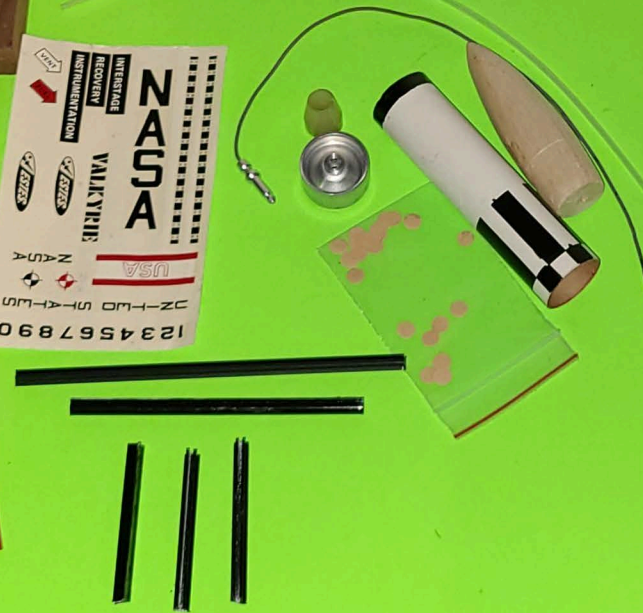
PART NO.	Description
3400	1/2" Igniter (8.0" long, not included in kit)
3410	1/4" Igniter (10.0" long, not included in kit)
3420	Parachute
3430	Parachute compartment kit (including adapter tube, parachute tube, nose cone, tape)
3436	Fin Ball and Launch Guide (Ball, guide, and glue)
2263	Parachute Kit (Parachute, shock line, eye discs)
3405	Manual Firing Unit
3407	Small Parts Kit (Timing, timer disc, safety pins, snipe extension)
37573	Manual Card

### ACCESSORIES

Launch-in" Launch Equipment

3408	HP-100 Propellant, 15 oz.
3434	Remote Electrical Firing Unit (with igniter wire)
3406	Igniter Wire, 0' piece

04-503

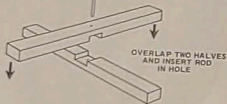


**ESTES**A DIVISION OF  
**ESTES INDUSTRIES**  
POMONA, CALIF. 92668

## cold propellant rocket launch stand

- PARTS LIST**
- 2 piece rod #Z235
  - Launch stand halves #RS220

SLIDE SECTIONS TOGETHER



#RS244

### Engine Service Policy

If you damage your engine for any reason, you may return it to Estes Industries for repair or replacement. The total charge is \$1.50, which covers the repair service and the cost of all parts or money order for \$1.50. California residents add 9% state sales tax. No C.O.D.'s!

Send to

Customer Service

**ESTES**

ESTES INDUSTRIES

POMONA, CALIF. 92668

GIVE FOR DETAILS FOR REPAIR SERVICE

810/237-972

### Warranty

All parts of this product are guaranteed by Estes Industries against defects of manufacture. Any part found defective will be repaired or replaced without charge provided the defective part is returned postpaid to Estes Industries, Customer Service Dept., Pomona, California 92668.

For better service, please send only the defective part.

**ESTES**

ESTES INDUSTRIES

## How Cold Propellant Rockets Work:



**NOZZLE CONE**  
The flame distribution cone which determines safety of rocket.

**PARACHUTE**  
Lite - light mylar canopy which opens easily. Shrink lines, tape discs for attachment are included.



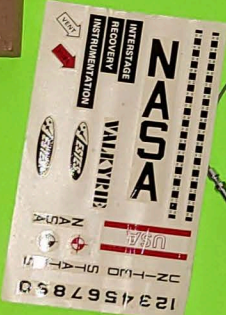
**NOSE CONE**  
The flame distribution cone which determines safety of rocket.

**PARACHUTE TUBE**  
Resilient fiber tube which secures parachute during flight.

**FINS**  
Tube connects adapter to parachute tube.

**ADAPTER**  
Cylindrical adapter tube which secures propellant and release of parachute tube to separator.

**SNAP SWIVEL**  
Snap swivel connects to connector and mounting plate of separator.



# WALKYRIE ROCKET

## ASSEMBLY INSTRUCTIONS

Follow directions carefully; read through them completely first. Then proceed to assemble your rocket step by step.

### REPLACEMENT PARTS

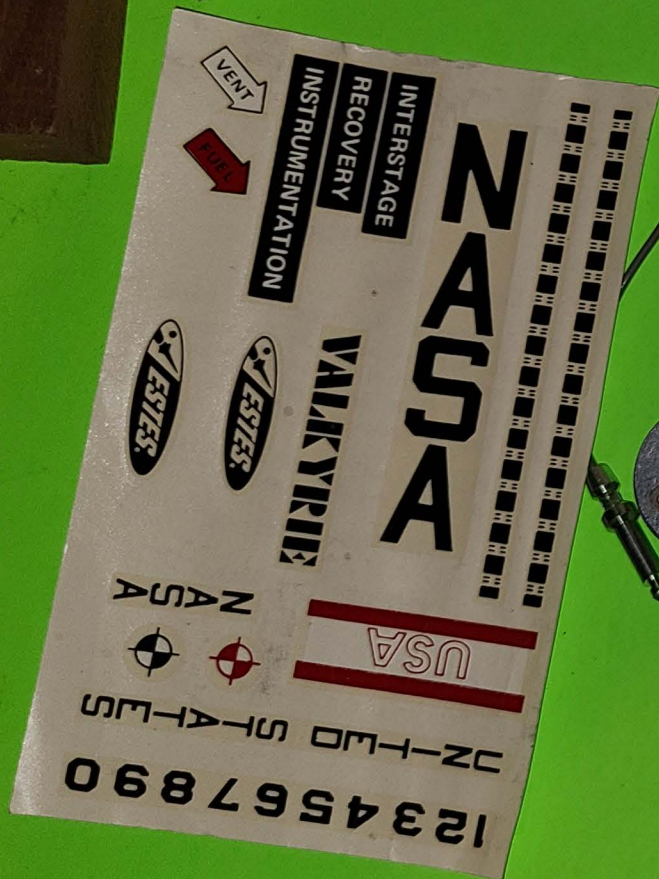
PART NO.	Description
3400	V-2 Engine (6.3" long, not included in kit)
3410	V-1 Engine (included in kit)
3403	Separator
3435	Payload Compartment Kit (Aluminum adapter tube, parachute tube, nose cone, tape)
3436	Fin Rail and Launch Guide (Rails, guides, and fins)
2263	Parachute Kit (Parachute, shroud line, tape discs)
3405	Manual Firing Unit
3407	Small Parts Kit (Coupling, liner discs, safety pins, nozzle extension)
3775	Decal Card

### ACCESSORIES

Estes "m" Launch Equipment
3408 BP-100 Propellant, 15 gr.
3434 Remote Electrical Firing Unit (With Igniter Wire)
3400 Igniter Wire, 6" piece

84.800





SEPARATOR  
 Pressure from propellant in

ADAPTER  
 Aluminum adapter tube permits proper grip and release of parachute tube by separator.  
 SNAP SWIVEL  
 Snap provides easy connection of parachute and nose cone to



# VALKYRIE ROCKET

## ASSEMBLY INSTRUCTION

Follow directions carefully; read through them first. Then proceed to assemble your rocket step

## REPLACEMENT PARTS

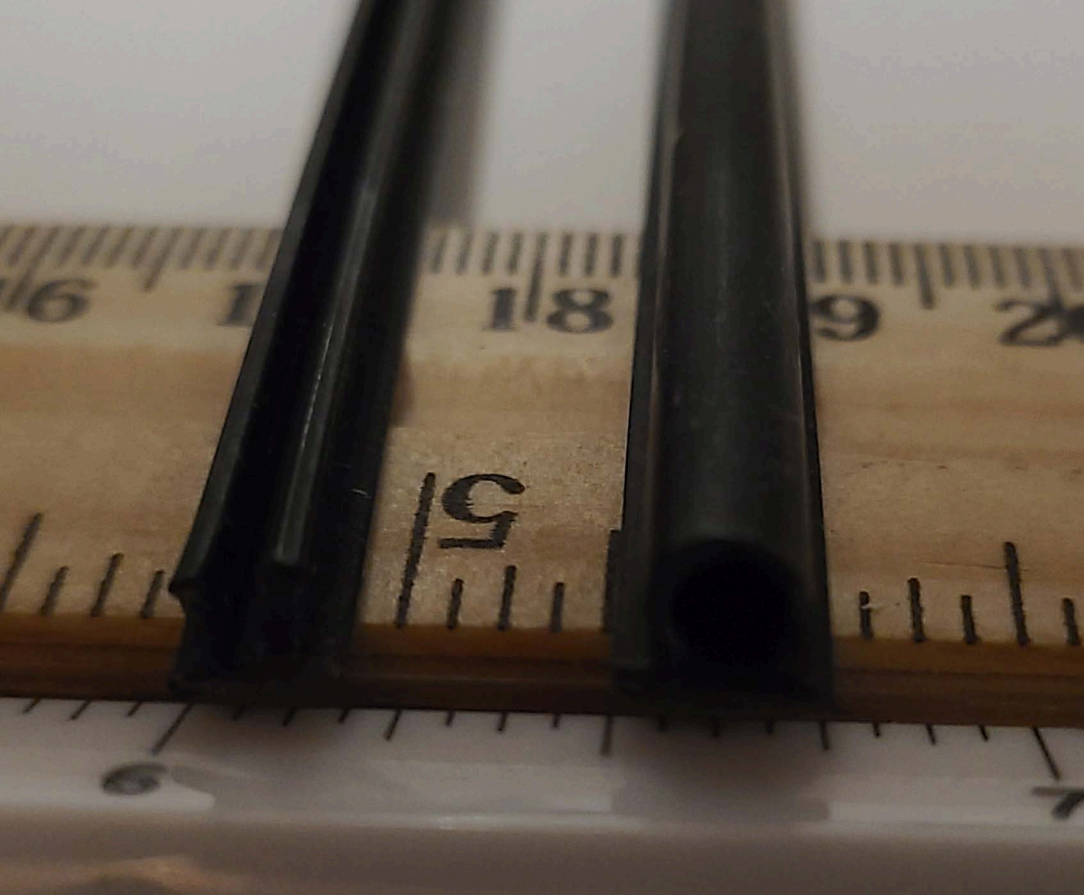
- | PART NO. |  |
|----------|--|
| 3400     | V-2 Engine (8.5" long, not included in kit)                                      |
| 3416     | V-1 Engine (included in kit)   |
| 3401     | Separator  |
| 3435     | Payload Compartment Kit (Aluminum adapter tube, parachute tube, nose cone, tape) |
| 3436     | Fin Rail and Launch Guide (Rails, guides, glue)                                  |
| 2263     | Parachute Kit (Parachute, shroud line, t discs)                                  |
| 3405     | Manual Firing Unit   |
| 3407     | Small Parts Kit (Coupling, timer discs, safety pins, nozzle extension)           |
| 37575    | Decal Card   |





10 <sup>3</sup>/<sub>4</sub> "







13" Total  
3.5mm plug

