

MOON GO

FLYING MODEL ROCKET KIT

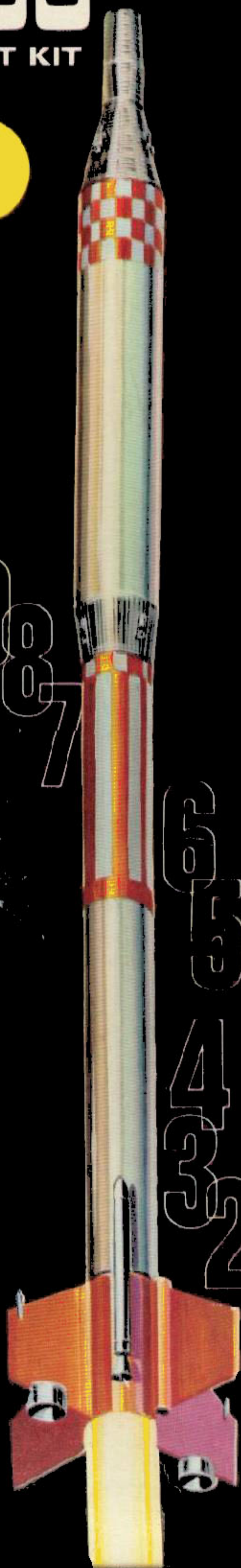
ASTROLINE SERIES
NEW! MOLDED
PLASTIC PARTS
WITH FIBER-TUBE ROCKET BODY



Engines NOT included in kit
USE ONLY THE FOLLOWING
MPC ROCKET ENGINES WITH
THE MOON GO
B3-3 C6-4



987
65432





MOON GO

R-841

RECOMMENDED TOOLS FOR ROCKET BUILDING

- Modeling knife
- Scissors
- Extra strong white glue
- Ball point pen or pencil
- Fine grit sandpaper
- Paint, in desired colors

This model rocket has been designed and developed to give you a straight, high flight if the instructions are followed carefully. The exciting and educational sport of model rocketry has grown into a full scale national activity, and will continue to grow every time you fly your rocket safely. Formation of a rocket club in your area will provide you with hours of enjoyment, even when you're not launching rockets. Look for our new models appearing on your dealer's shelves soon.

RECOMMENDED ENGINES B3-3, C6-4

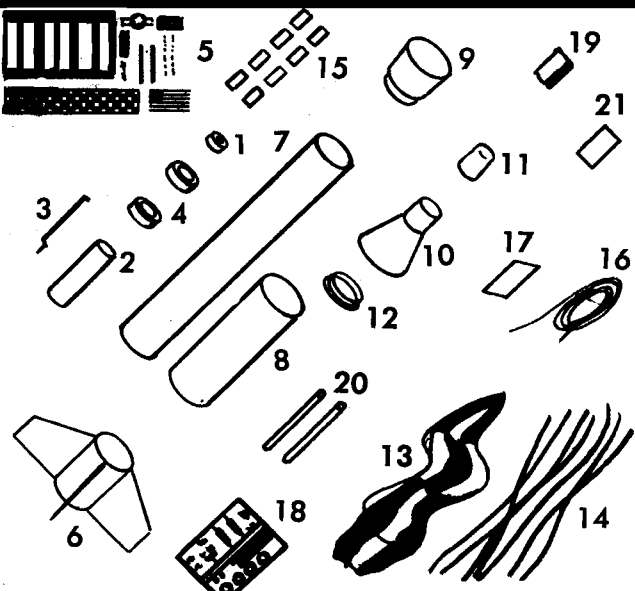
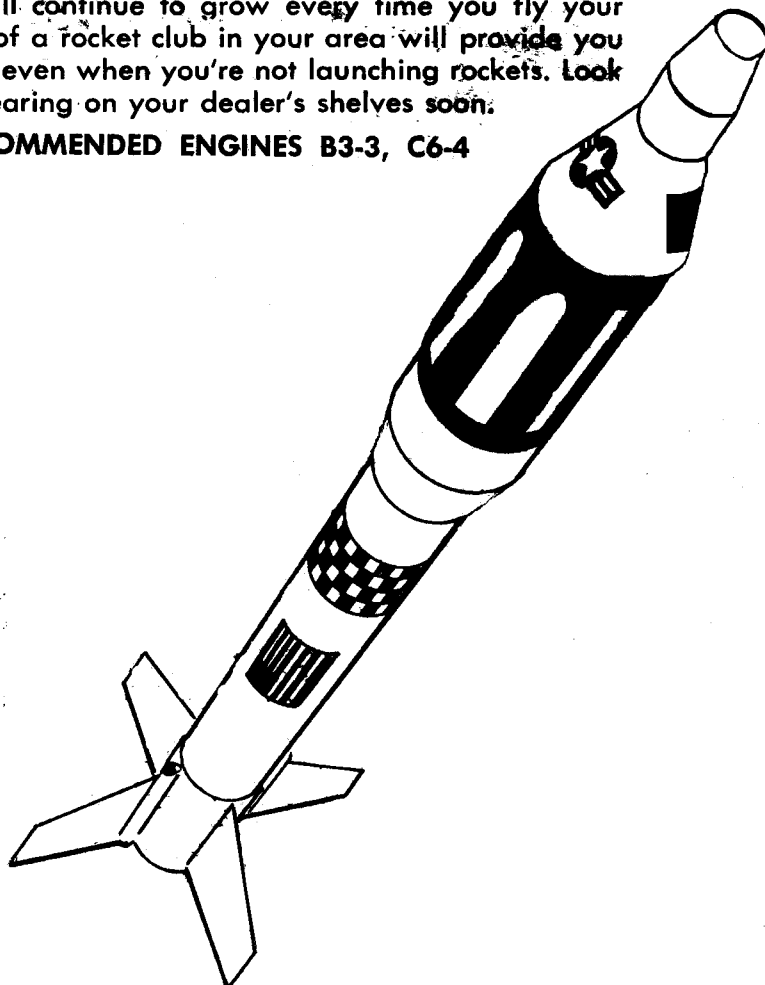
Before you begin building, look over the instructions carefully. Following the procedure given, test-fit parts together without gluing. This way you will be more familiar with the location of parts when it becomes time to use glue.

For removing small parts from the "runners" it is best to use a modelers knife, do not attempt to "twist" them off.

The highest quality styrene plastic goes into the making of each MPC model. Only paint made for styrene should be used. Before joining parts, trim off excess plastic or "flash." Scrape plating from chromed parts where they are to be joined with other parts. Be careful not to get glue on exposed areas. To join parts, use glue sparingly. Apply cement to very small parts with a toothpick.

When painting your model it is best to glue all non-chromed accessories to the body and paint the whole unit at one time.

You should have no trouble assembling your kit if the instructions are followed properly. Chrome parts are indicated (C).

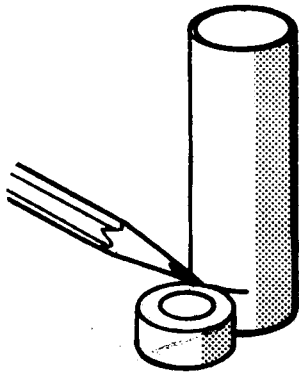


PARTS LIST

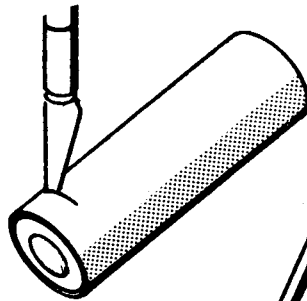
- | | |
|----------------------|-----------------------|
| 1 ENGINE BLOCK | 11 NOSE CONE CAP |
| 2 ENGINE COMPARTMENT | 12 PLUG |
| 3 ENGINE CLIP | 13 PARACHUTE |
| 4 CENTERING RING | 14 SHROUDS |
| 5 DECALS | 15 SHROUD TAB |
| 6 FIN ASSEMBLY | 16 CORD |
| 7 BODY TUBE | 17 SHOCK MOUNT |
| 8 BODY TUBE | 18 CUSTOM CLUSTER (C) |
| 9 COUPLER | 19 WADDING |
| 10 NOSE CONE | 20 SIDE TUBES |
| | 21 ADDRESS LABEL |

1 ENGINE COMPARTMENT

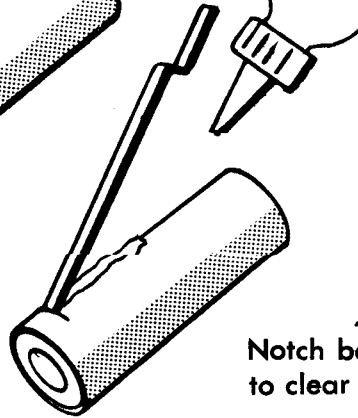
Place an engine block against engine compartment, and mark with a pencil as shown. Apply glue inside this end of engine compartment, and insert engine block.



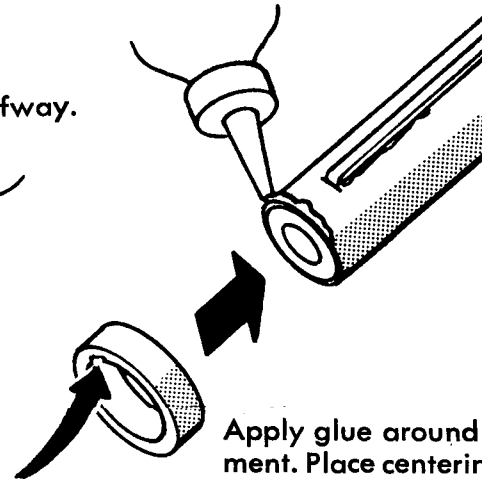
Center on the pencil mark, and insert engine clip. Apply glue in a straight line so that the engine clip will drop into it. Press firmly, and wrap a piece of tape around the assembly, until the glue is hard.



Glue only halfway.



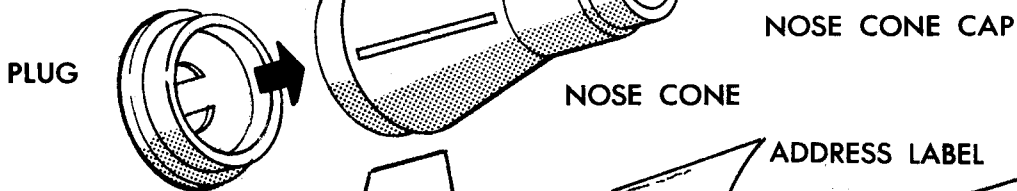
Notch both rings to clear clip.



Apply glue around joint. Place centering glue and flush with compartment, and end of glue, and the other an inch from the o

3 FINAL ASSEMBLY

Glue the nose cone assembly together in the order shown. Use enough glue, but be careful to wipe off excess.

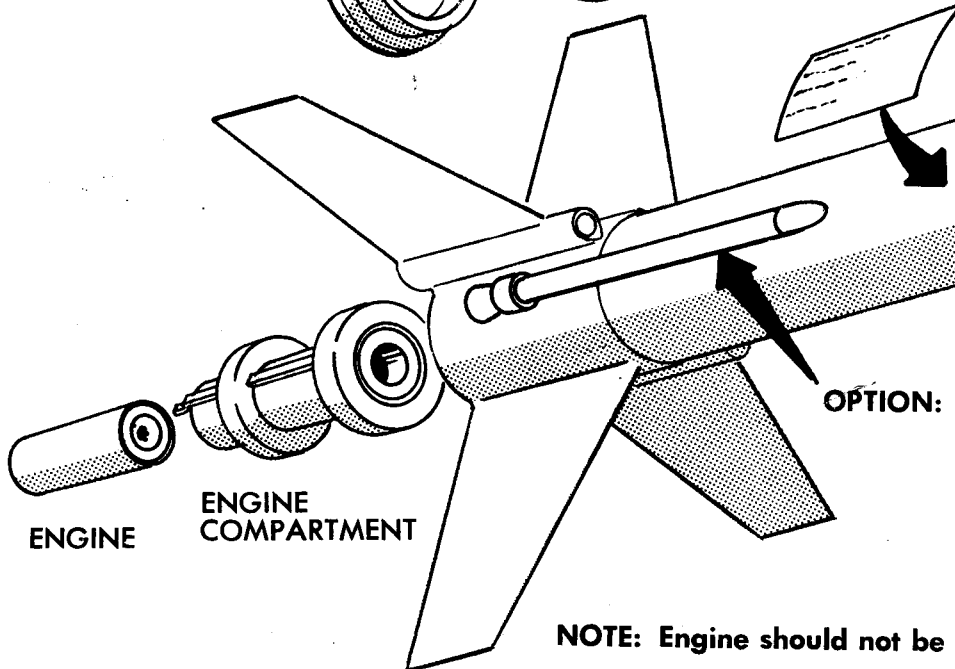


PLUG

NOSE CONE CAP

NOSE CONE

ADDRESS LABEL



ENGINE

ENGINE COMPARTMENT

OPTION: Jet pod nose cone and body from chrome cluster, with 3" tubes.

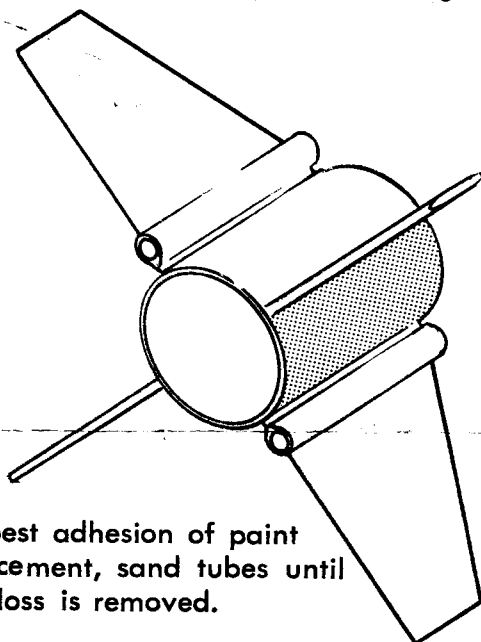
Apply glue to insert coupler. A tube, and place

If parts fit loose with a piece o

NOTE: Engine should not be put in rocket until you are ready to launch.

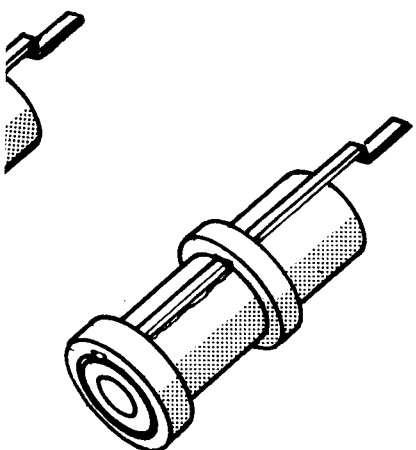
2 FIN ASSEMBLY

Apply glue to inside of one piece fin assembly. Slip fin assembly on body tube, until ends are flush. Wipe off excess glue.



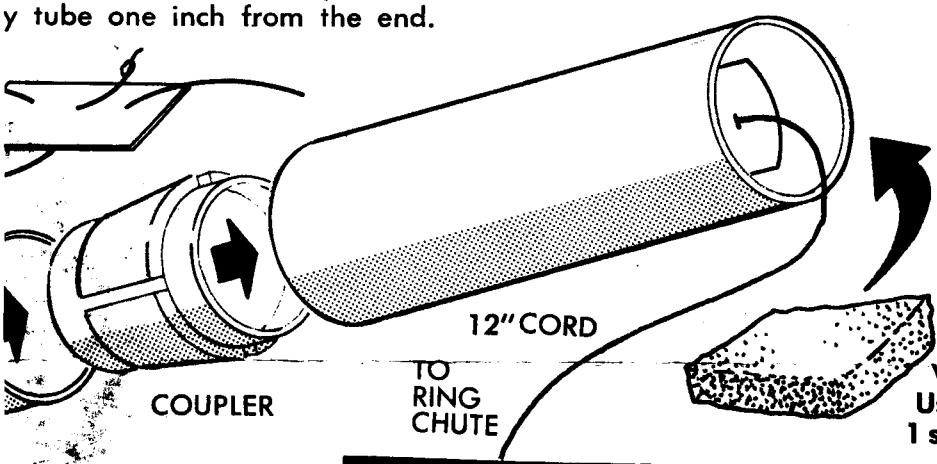
NOTE: All joints should have glue fillets.

For best adhesion of paint and cement, sand tubes until all gloss is removed.

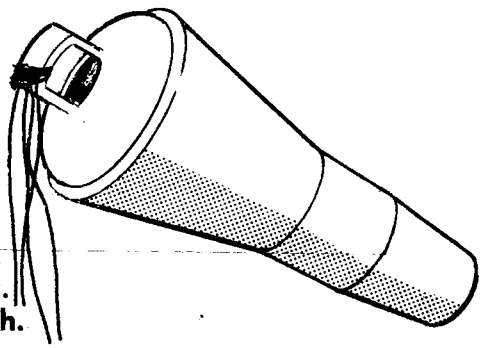


End of engine compartment so that it is on this end of engine compartment. Place a line centering ring about 1/2 inch from end.

Shock cord through shock mount as shown, and glue assembly inside body tube one inch from the end.



The nose cone assembly must fit snug in the body tube, but must be loose enough to eject.



End of 25mm tube, and glue to inside of 30mm exposed end of coupler.

body tubes, wrap tape.

1. Cut 6" center from main chute and tie to nose cone plug with 4 shroud lines.

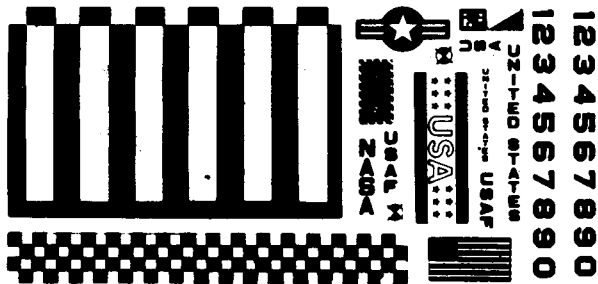
2. Main chute, with 6" hole is then tied to 12" shock cord (attached inside body tube) with eight shroud lines.

Place shrouds under shroud tabs, on top of chute as shown.

Shroud should be curled under tab as shown.

OPTION: The space capsule can be tied to the 24" shock cord and a single parachute used.

4 DECALS PAINTING



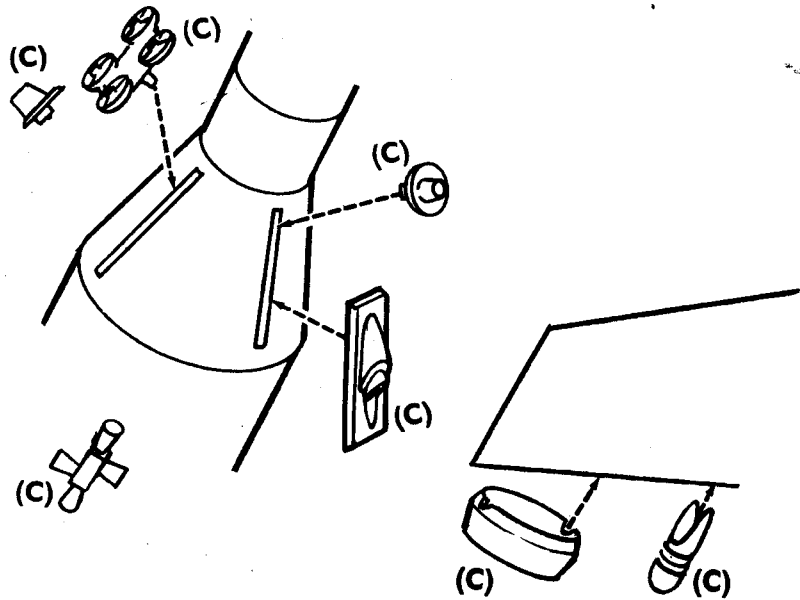
The custom decal arrangement shown is only a suggestion. Many other combinations are possible.

To apply the decals; cut apart each individual design, dip it into water for a few minutes, then slide it off the paper backing as you apply it to the model. Before the decals dry, smooth out any bubbles with a damp cloth.

This decal sheet has a clear coat of lacquer over its entire surface. For best results cut the decal apart as close to the designs as possible.

When painting your rocket, do so before gluing chrome parts in place. For best results, use paint for styrene plastic.

5 CUSTOM PARTS



NOTE: Use toothpick for applying glue to tiny parts.

This custom parts arrangement is only a suggestion. You may put them anywhere, and in any combination, on the rocket. Remember scrape plating from chrome parts before gluing in place.

6 LAUNCHING INSTRUCTIONS

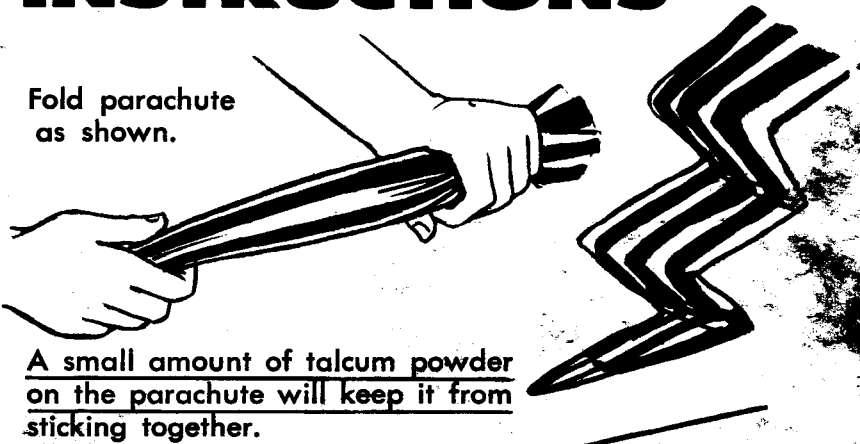
Pack flameproof wadding into the body tube from the top, pushing it down towards the engine. Fold the parachute carefully and pack it on top of the wadding. Pack the shroud lines and cord on top of chute and insert the nose cone assembly in place.

Use an MPC Ignitor or bend a short piece of nichrome wire and insert in engine. Hold wire in place with a piece of tape. Insert the engine in engine compartment, using the engine clip to hold it in place.

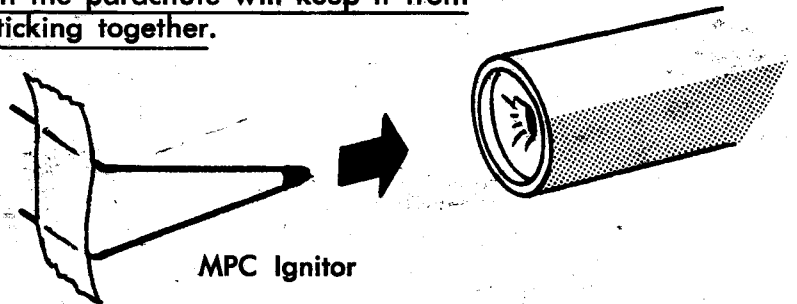
**NOW FOLLOW PROCEDURE LISTED
ON COUNT DOWN CARD**

For extended storage, the chute should not be left folded.

Fold parachute as shown.



A small amount of talcum powder on the parachute will keep it from sticking together.



MPC Ignitor

In the event that engines are not available in your area, take advantage of our three engine package by sending \$1.00 to MODEL PRODUCTS CORP., 126 Groesbeck, Mt. Clemens, Michigan 48043.

1234567890
1234567890



USA

UNITED STATES

UNITED STATES

USA



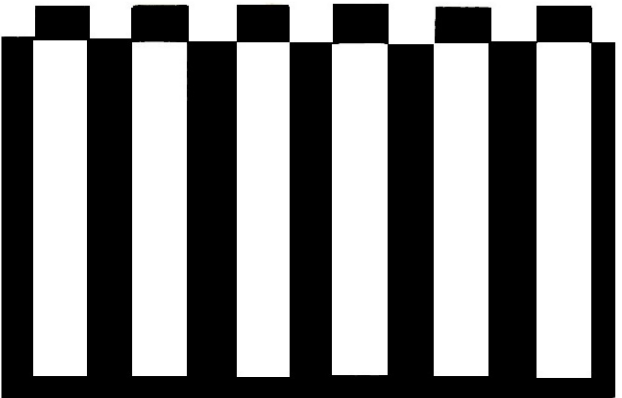
USA

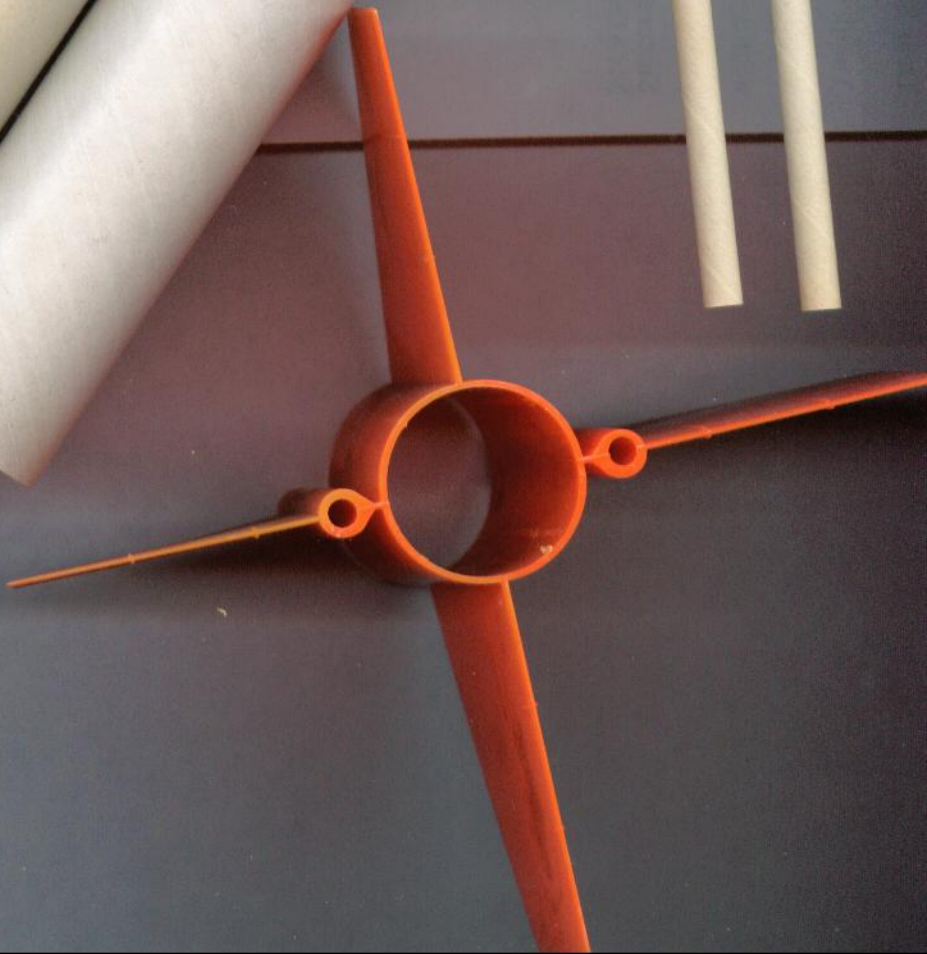


USA



USA







COUNT DOWN CARD

- T minus 15—PRE-FLIGHT SAFETY CHECK: Engine installed tightly; nose cone and recovery system GO; fins straight and undamaged.
- T minus 14—FIRING SYSTEM SAFETY KEY IN HAND!
- T minus 13—Load Launcher. Model slides freely on launch rail.
- T minus 12—Clean firing systems clips. Hook up ignitor.
- T minus 11—Adjust launcher tilt for wind.
- T minus 10—Clear launching area.
- T minus 9—RANGE SAFETY CHECK: Launch area clear. No aircraft overhead.
- T minus 8—KEY IN. Panel armed.
- T minus 7—CONTINUITY LIGHT ON
- T minus 6—IGNITION SEQUENCE START.
- T minus 5—AND COUNTING
- T minus 4—AND COUNTING
- T minus 3—AND COUNTING
- T minus 2—AND COUNTING
- T minus 1—IGNITION ON
- T minus 0—ENGINE IGNITION — LIFT OFF.

MISFIRE PROCEDURE: Release firing switch. Remove safety key. Wait one minute. Approach launcher carefully. Keep hands and fingers from under model. Keep head, body and hands to side of model. Initiate misfire cause tests.

ORIGINAL PARTS LIST

1 ENGINE BLOCK	11 NOSE CONE CAP
2 ENGINE-COMPARTMENT	12 NOSE CONE PLUG
3 ENGINE CLIP	13 PARACHUTE
4 CENTERING RING	14 SHROUDS
5 DECALS	15 SYPOUD TAB
6 FIN ASSEMBLY	16 CORD
7 BODY TUBE	17 SHOCK MOUNT
8 BODY TUBE	18 CUSTOM CLUSTER (C)
9 COUPLER	19 WADDING
10 NOSE CONE	20 SIDE TUBES
	21 ADDRESS LABEL

REPLACEMENT QUEST PART

DESCRIPTION	QTY	PROD#	QUEST DESCRIPTION
1 ENGINE BLOCK	1	8350	TR-19
2 ENGINE COMPARTMENT	1	8375	MM1
3 ENGINE CLIP	1	8370	MH1
4 CENTERING RING	2	8355	CR24
5 DECALS	1	(NO SUB)	
6 FIN ASSEMBLY	1	7858	PFU25F
7 BODY TUBE (12 INCH)	1	8068	T25
8 BODY TUBE (6 INCH)	1	8064	T30
9 COUPLER	1	7956	PR3025
10 NOSE CONE	1	(NO SUB)	
11 NOSE CONE CAP	1	(NO SUB)	
12 NOSE CONE PLUG	1	(NO SUB)	
13 PARACHUTE	1	(STD 12 INCH)	
14 SHROUDS	6	(WITH REP PARACHUTE)	
15 SHROUD TAB	6	(WITH REP PARACHUTE)	
16 CORD	1	(REP WITH KEVLAR AND ELASTIC)	
		8470	KEVLAR
		8465	ELASTIC
17 SHOCK MOUNT	1	(NOT REQUIRED)	
18 CUSTOM CLUSTER	1	8950	CUSTOMIZING PARTS SET
19 WADDING	1		
20 SIDE TUBES	2	8555	LL2 (2" LAUNCH LUG)
21 ADDRESS LABEL	1		

At this time I have not found a suitable replacement for the nose cone, so one would have to be hand fashioned. The base will fit

the t30 body tube, while the top cap is about 9/16th of an inch in dia. The Capsule is about 1 and 1/8th inch long with the cap length about 11/16th inch additional. The overall look of the nose cone is similar to the Mercury with louvers fashioned in the side. It appears that quest has all the molds for the original mpc kits, so with enough interest this kit could resurface, or at least the capsule. (Don't laugh they brought back the ZENITH II PAYLOADER).

I suggest you use the quest shock mount technique as follows.

- 1 Tie one end of kevlar around the engine mount assembly before glueing into the body tube T25, let other end dangle out the front of tube.
- 2 Cut kevlar about 4 inches above top tube and tie about 18 inches of elastic to it. (a little overkill but too long is not an issue). set all knots with glue.
- 3 all other steps of construction are normal.

The original color of all the plastic parts was a dull silver/gray, with the Custom Cluster being chrome.

Enjoy!

PLASTIC PARTS
MOLDED IN
BRILLIANT COLORS
FOR FAR-OUT TRACKING



RETRO
ROCKET



PLASTIC
NOSE PLUG

PLASTIC
COUPLER

CHROME TRIM
ACCESSORIES
INCLUDED

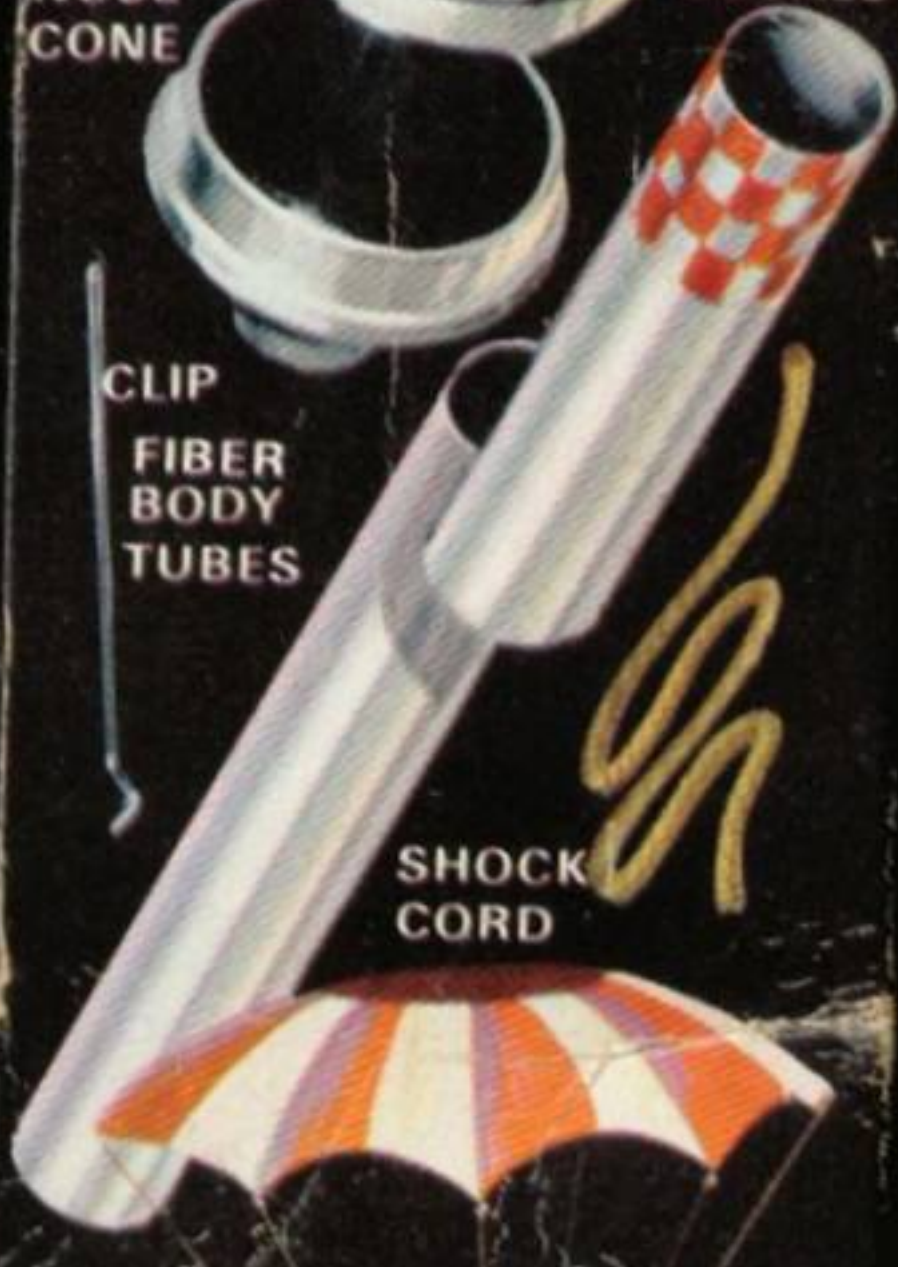


PLASTIC
NOSE
CONE

DECALS



CLIP
FIBER
BODY
TUBES



SHOCK
CORD

AUTHENTIC
PLASTIC
SPACE CAPSULE

DUAL
POP-CHUTE



Paint to match illustrations
available at your dealer.
Cement not included.
Made and Litho in U.S.A.

APOGEE

EJECTION

BURNOUT

TYPICAL MOD
ROCKET FLIGHT

RECOVERY

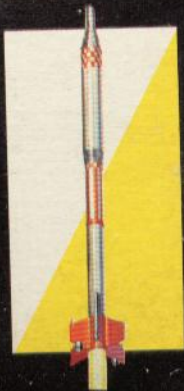


MOON GO

FLYING MODEL ROCKET KIT
PLASTIC PARTS/FIBER BODY

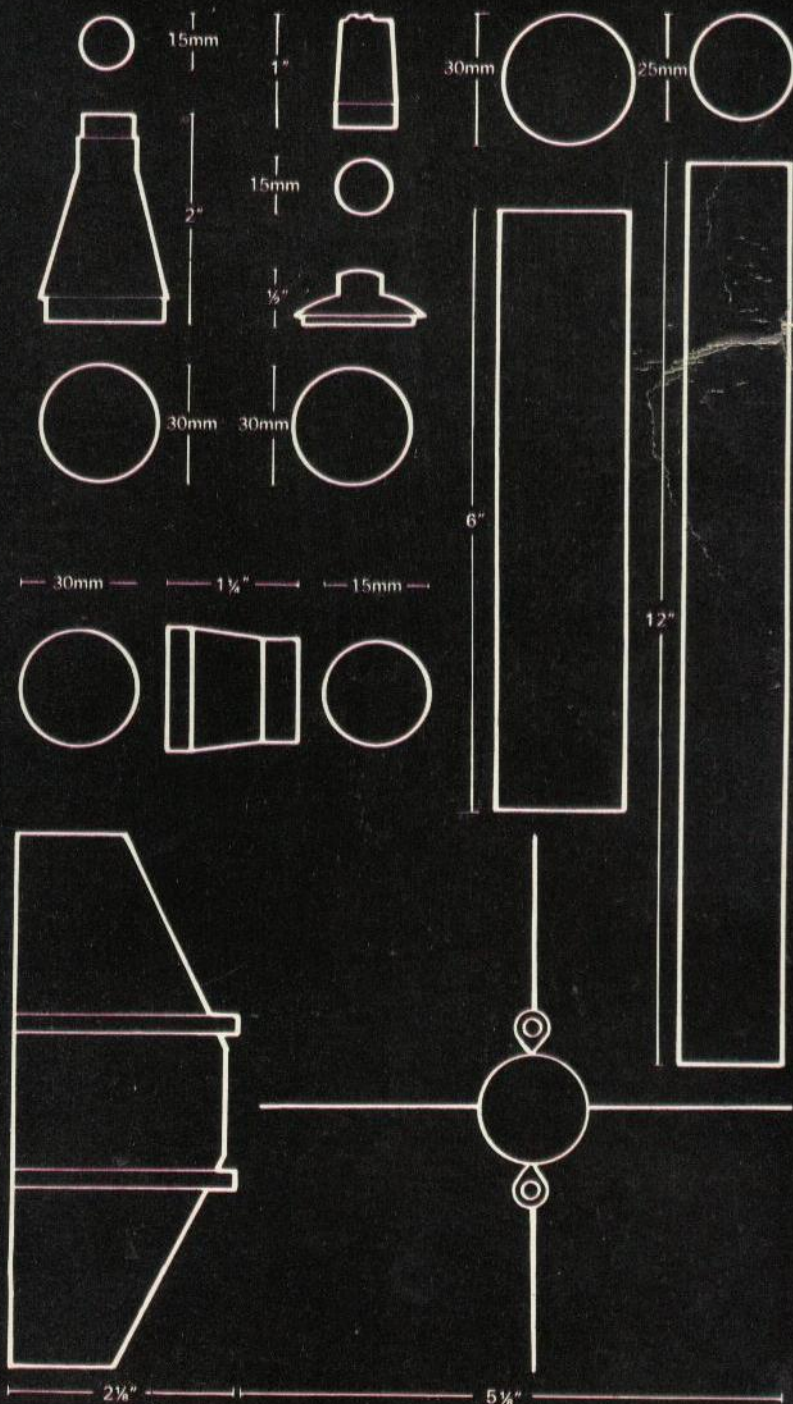


R-841-200



- SNAP-ON PLASTIC FINNS MOLDED IN BRILLIANT COLOR
- LIGHT, THIN, AERO-DYNAMICALLY STABLE FINNS
- SUPER STRONG, SUPER DETAILED FINNS
- PLASTIC NOSE CONE AND COUPLER MOLDED IN SILVER
- CHROME ACCESSORY PARTS FOR SUPER DETAILING
- QUICK, INSTANT ASSEMBLY WITH PROVEN TRUE-FLIGHT PERFORMANCE

Successful model rocketry is totally dependent upon the constant observation of safety regulations. MPC urges all rocketeers to know and abide by The National Association of Rocketry's model rocket safety code:



FINISHED MODEL LENGTH 21.3 INCHES, WT. 2.5 OZ.

KIT INCLUDES: PLASTIC NOSE CONE • PLASTIC NOSE CAP
 • PLASTIC NOSE CONE PLUG • PLASTIC COUPLER • PLASTIC
 FIN ASSEMBLY • CHROME ACCESSORIES • 2 FIBER BODY
 TUBES • FIBER ENGINE TUBE • FIBER ENGINE BLOCK •
 SPACER • BRASS MOTOR CLIP • SHOCK MOUNT • SHOCK
 CORD • 14" PARACHUTE • SHROUD LINES • TAPE DISCS
 • DECALS

MODEL PRODUCTS CORPORATION • MOUNT CLEMENS, MICHIGAN 48043