There are several notes I need to provide to aid you with the enclosed package. The original kits used 1/16" balsa. Since I wanted to print these directly on balsa sheet I developed the parts for 1/32" balsa sheet. My printer will handle up to 1/20" sheet, but I find 1/32" is a little easier to handle in the printer. Since the Jigtime jet models are intended to be flown as catapult launched gliders, the strength of 1/16” balsa is really necessary. As a result, all of the parts have been drawn to be laminated from two layers of 1/32” balsa. This offers several opportunities to actually enhance an already great design. It also makes it possible to improve the strength of the fuselage formers by having the grain of the two layers oriented 90 degrees from each other.

All of the flying surfaces have been laid out with a mirrored side. This means that the flying surfaces can now have color and markings applied to both sides, not just the top or one side. The bottom parts for wing and stab surfaces have been marked on the part sets. In addition to being able to have both sides of the flying surfaces printed, laminating parts can also make the fuselage assembly much easier and nicer in appearance. The original kits used tabs and slots in the 1/16” balsa parts. This resulted in the tabs and slots being seen on the finished model. If the fit was not great, the model appearance suffered. The reproduction parts have been drawn to place slots only in the inside lamination layer. This effectively forms pockets for the former tabs once the pieces have been laminated. Since the outside layer does not have a slot, the overall appearance of the finished model is much cleaner.

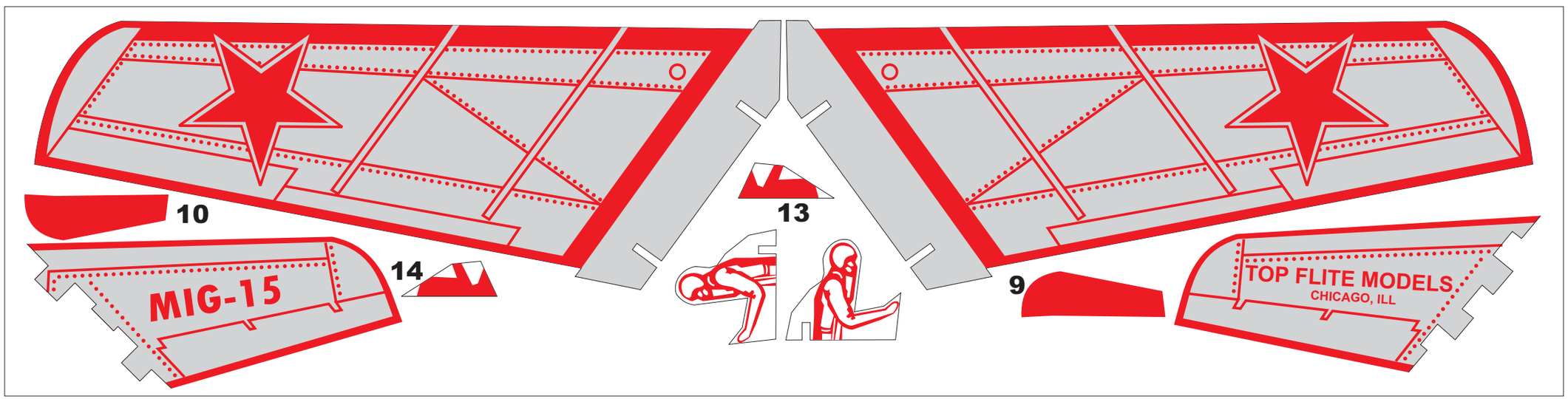
When building the model, I have found it is best to cut out and laminate all parts before cutting out any of the internal details such as holes or wing slots. The only exceptions to this are the slots in the fuselage sides, top, and bottom for former tabs. These should be cut before the parts are laminated. My preferred adhesive is traditional cellulose based model airplane cement. Something like Sigment, Ambroid, Testors, or Duco. This adhesive is light weight and dries quickly, but does allow repositioning of parts.

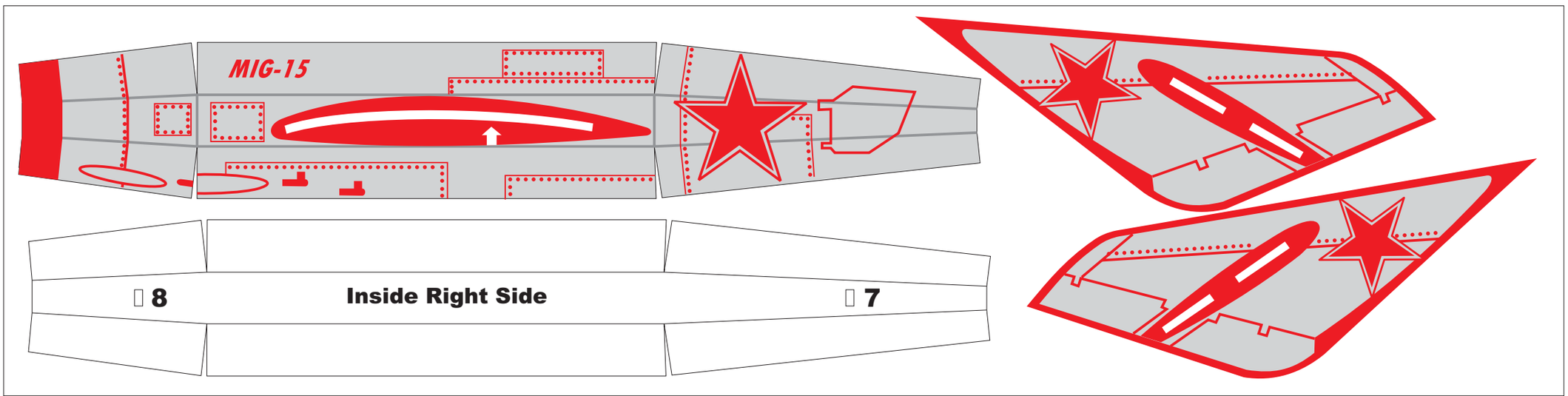
During the assembly, when you come to the step involving sliding the fuselage sides over the wing take special note of the fore and aft positioning. The wing slots will allow for a small amount of alignment adjustment. You want to be sure the two fuselage sides are perfectly aligned with each other after they are in position. If not you can move them slightly fore and aft until proper alignment is achieved.

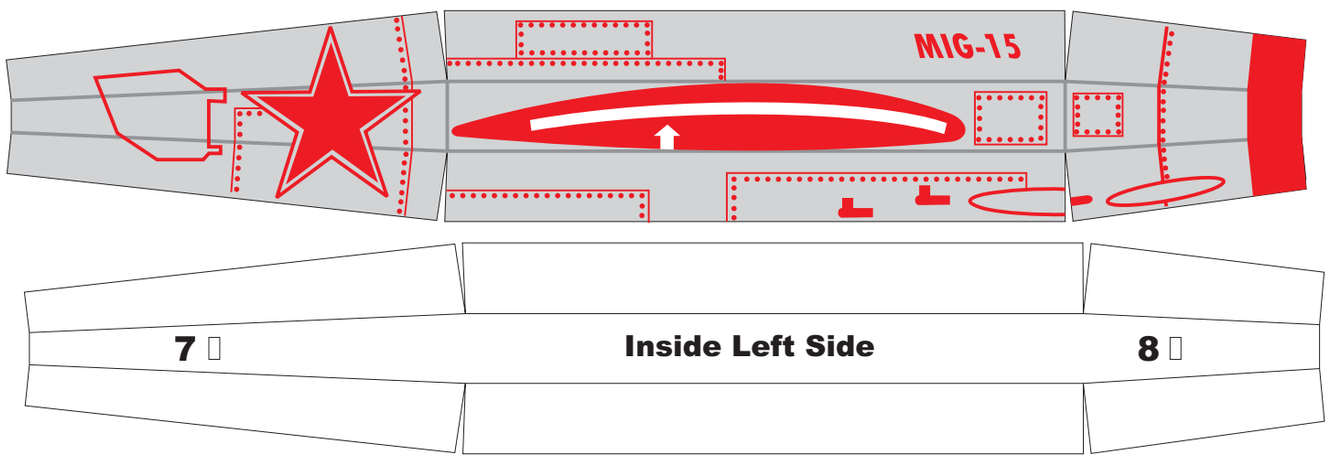
One additional note. The catapult hook should be reinforced. The original kit used two pieces made from 1/16” hard balsa. The two 1/32” balsa pieces will not have the strength needed. I find that a lamination of 1/64” plywood between the two balsa pieces provides plenty of additional strength with very little weight gain.

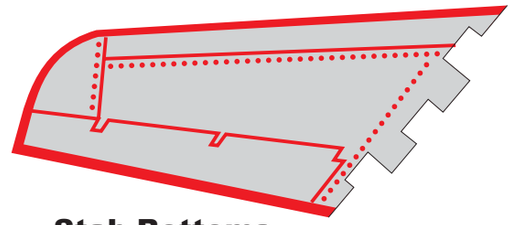
I do hope you build and enjoy a model from this plan package.

Paul Bradley

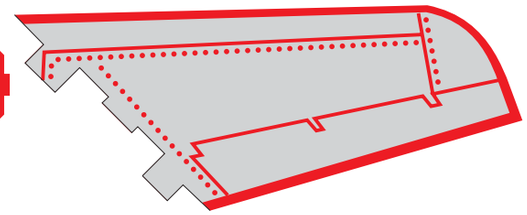

10
MIG-15
14
13
9
TOP FLITE MODELS
CHICAGO, ILL

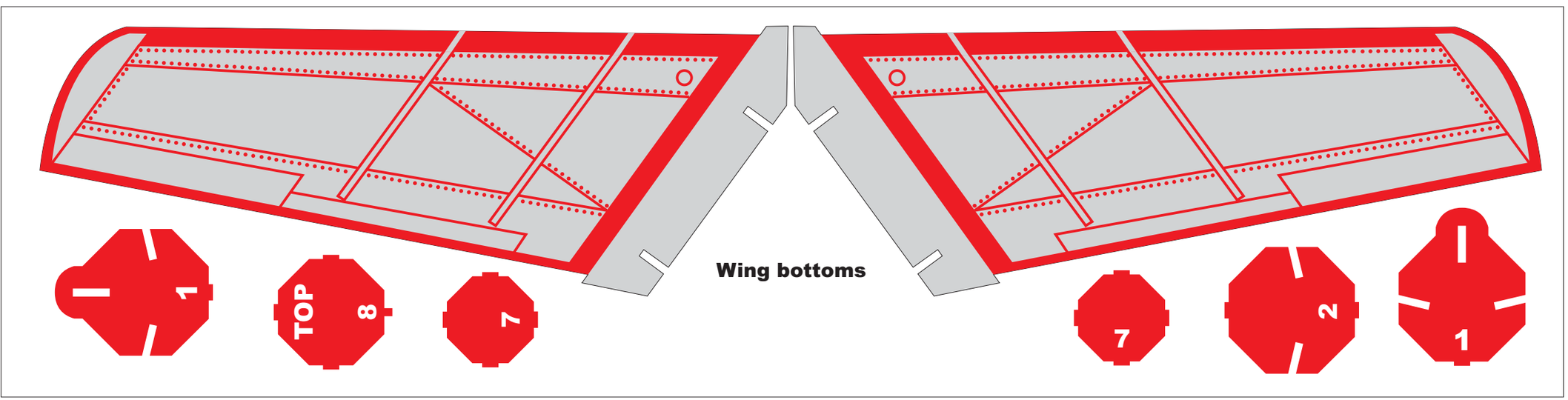

MIG-15
8
Inside Right Side
7

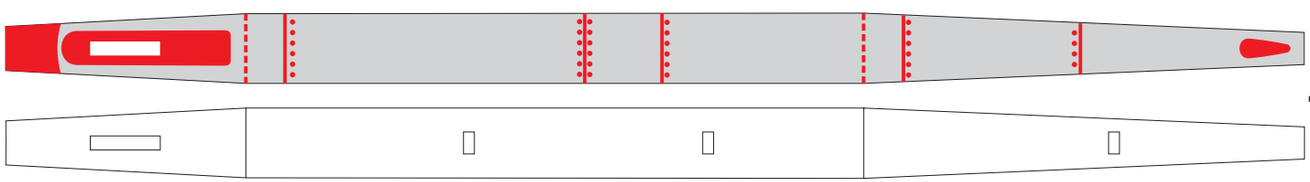




Stab Bottoms




Wing bottoms
1
1
TOP
8
7
7
2
1



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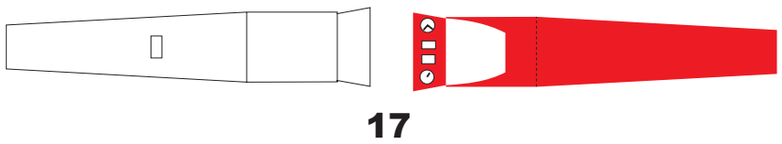

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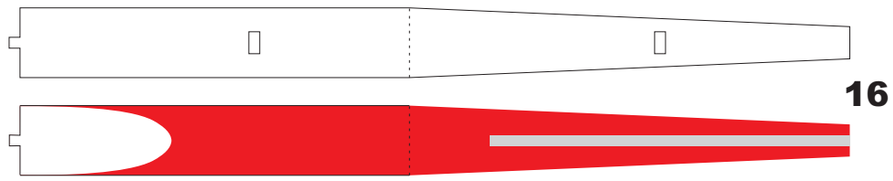

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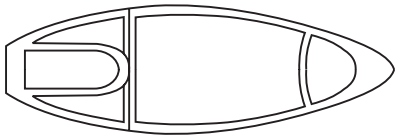
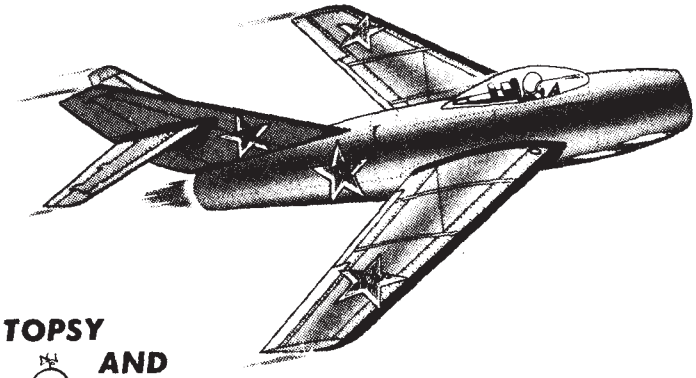


Plan for vacuum form mold,
or carved foam part

MIG-15

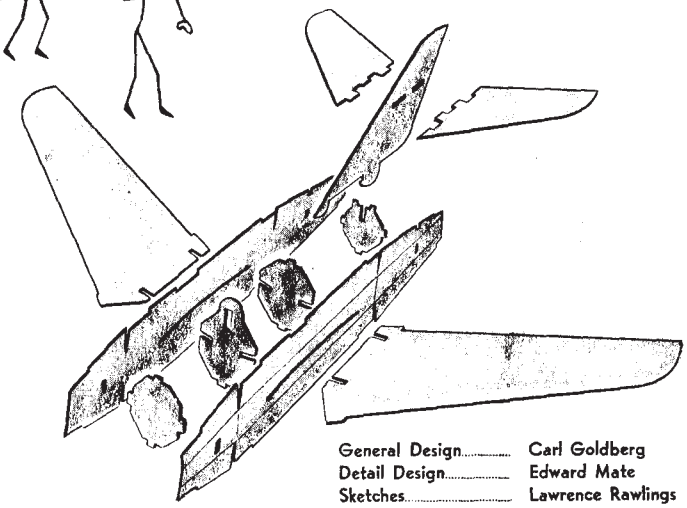
2635 S. WABASH AVE. **TOP FLITE MODELS INC.** CHICAGO 16, ILLINOIS



TOPSY AND FLITEY

BUILDING THE ***JIGTIME***

RUSSIAN MIG-15

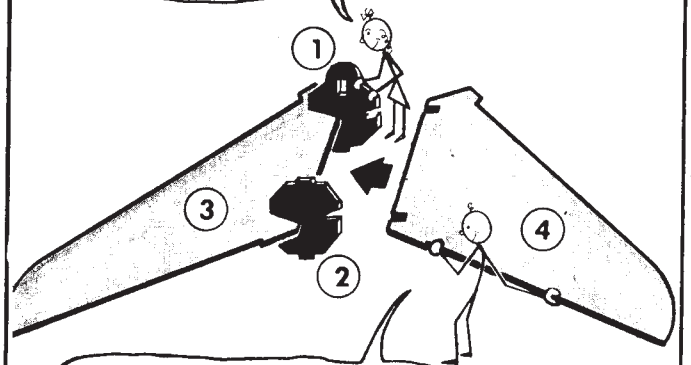


General Design..... Carl Goldberg
Detail Design..... Edward Mate
Sketches..... Lawrence Rawlings

GUARANTEED TO FLY!

1

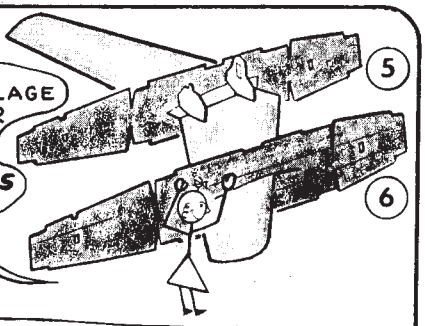
FLITEY, WE HAVE TO USE ***REGULAR MODEL AIRPLANE CEMENT.*** NOW LET'S FIT FORMERS 1 AND 2 ***TIGHTLY*** TO WING 3.



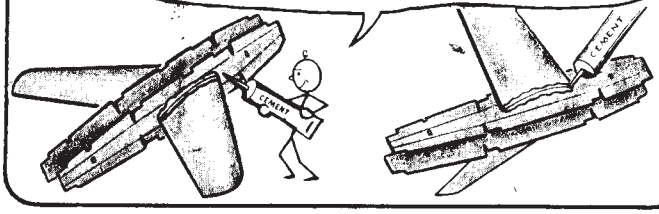
THEN WE SLIDE WING 4 ***TIGHTLY*** INTO PLACE, AND CEMENT. AND LET'S USE A ***PAPER TOWEL OR PAPER NAPKIN TO*** WIPE THE CEMENT OFF OUR FINGERS.

2

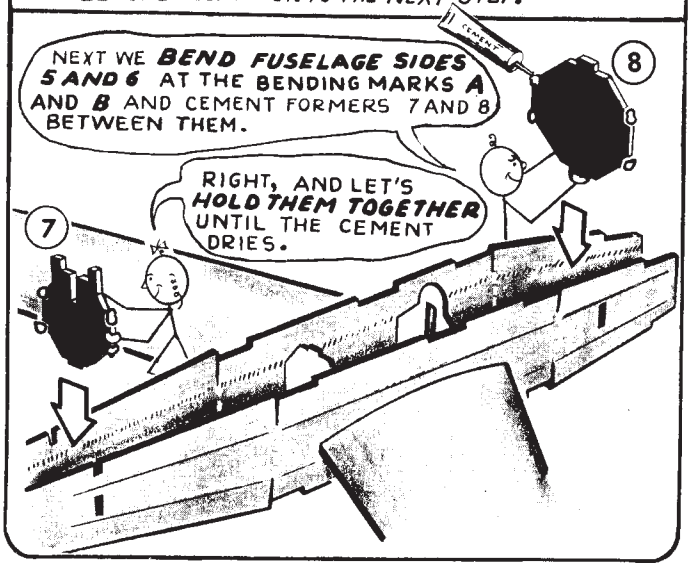
NOW WE SLIDE FUSELAGE SIDES 5 AND 6 OVER THE WINGS ***UNTIL THEY FIT UP AGAINST FORMERS 1 AND 2.***



OK TOPSY, THEN LET'S ***RUN CEMENT OVER THE CRACKS*** WHERE THE WINGS GO INTO THE FUSELAGE, ... AND DON'T FORGET THE BOTTOM!



3 TOPSY AND FLITEY ARE DOING FINE SO FAR, THEY ARE **GIVING THE CEMENT TIME TO DRY** BEFORE GOING ON TO THE NEXT STEP.



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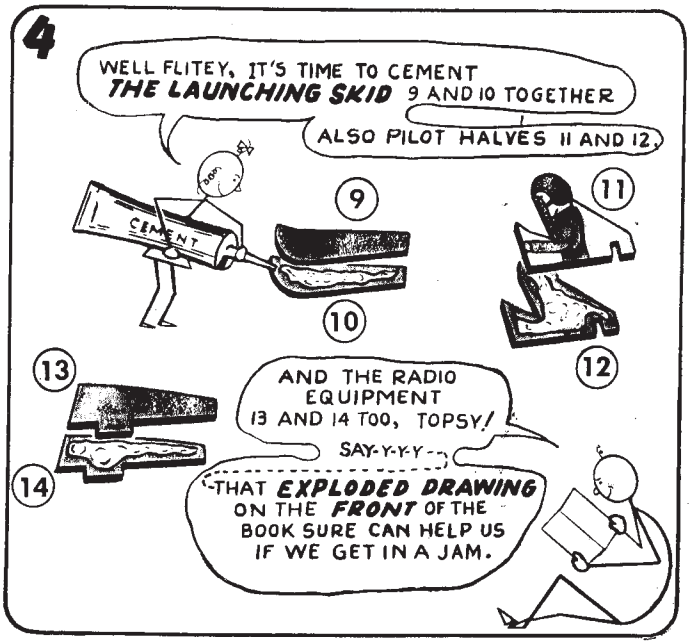

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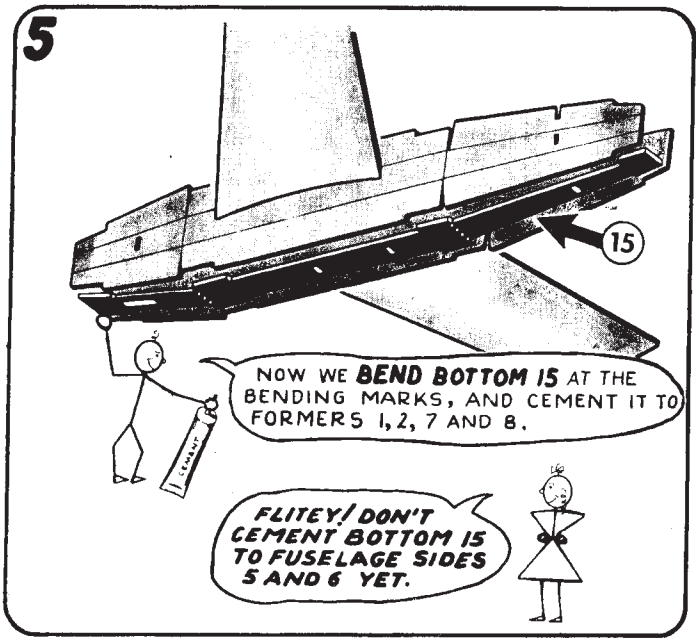

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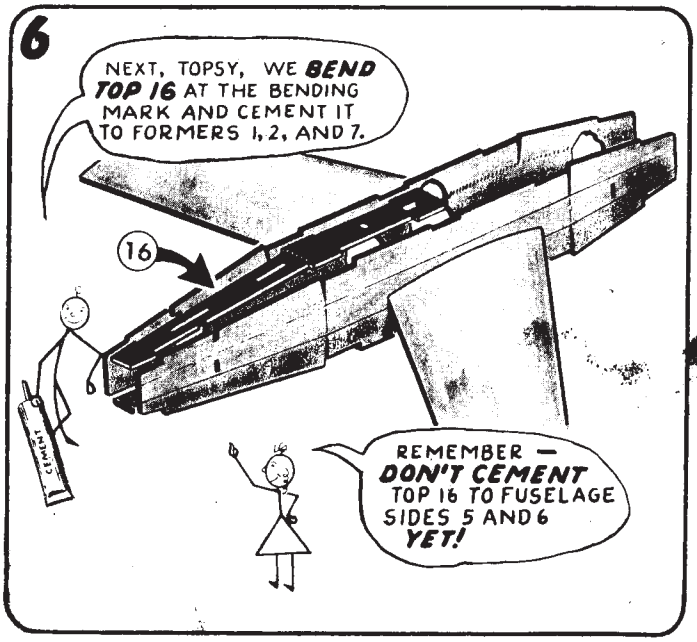
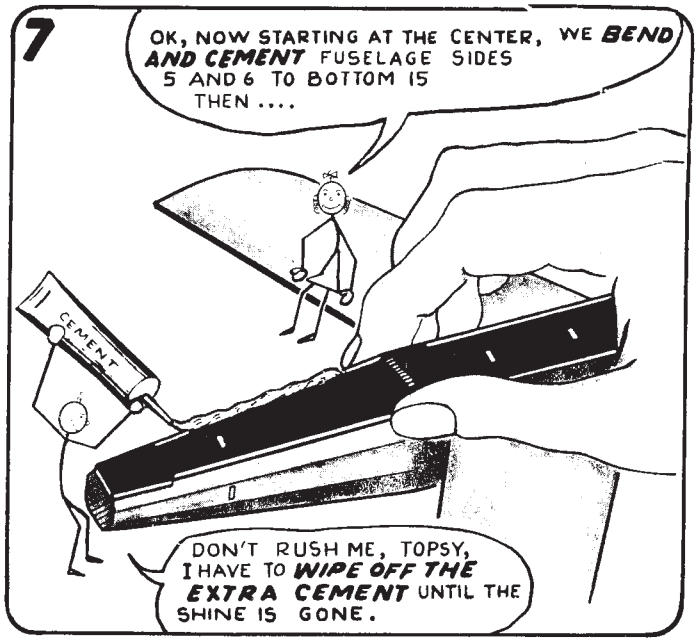
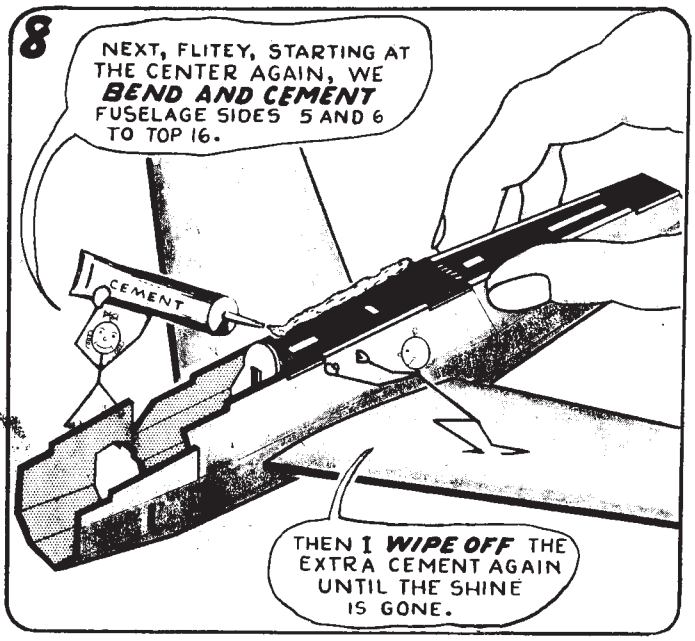
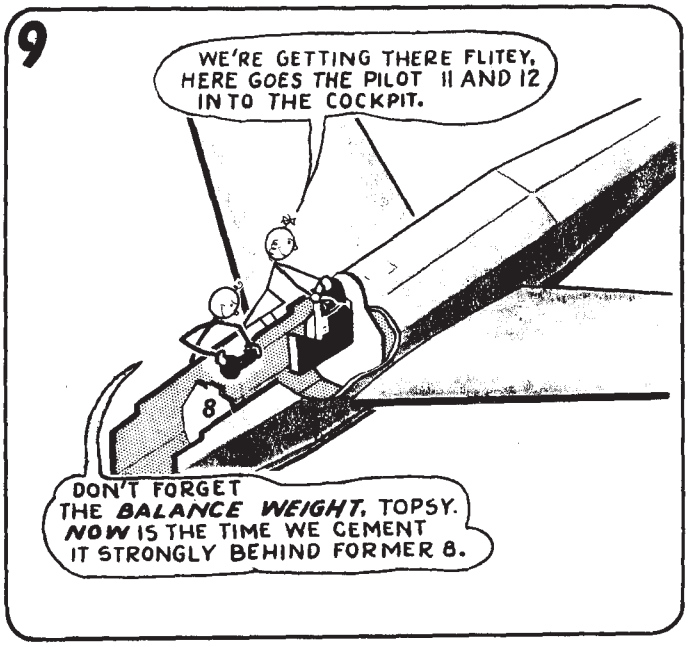
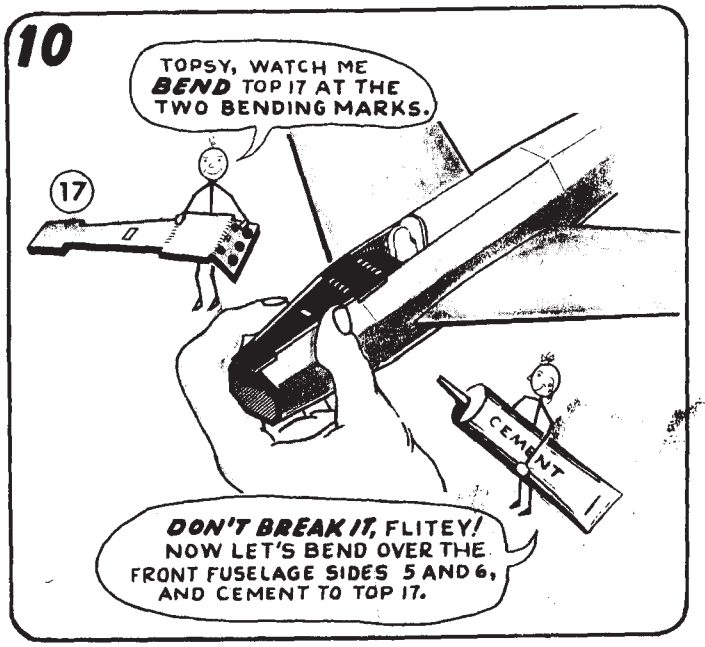


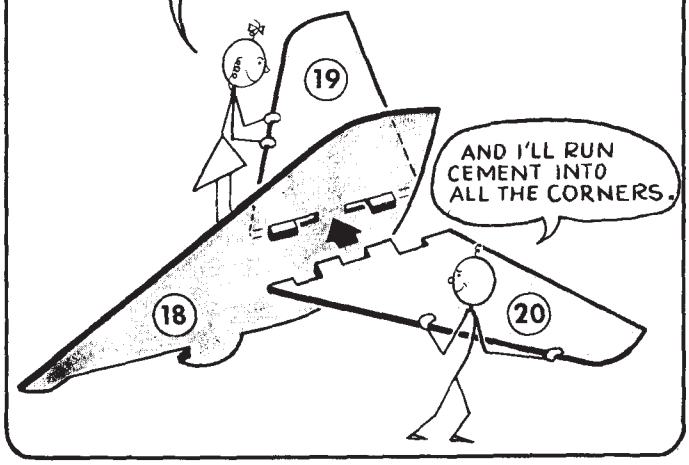

7
OK, NOW STARTING AT THE CENTER, WE BEND AND CEMENT FUSELAGE SIDES 5 AND 6 TO BOTTOM 15 THEN ....
CEMENT
DON'T RUSH ME, TOPSY, I HAVE TO WIPE OFF THE EXTRA CEMENT UNTIL THE SHINE IS GONE.


8
NEXT, FLITEY, STARTING AT THE CENTER AGAIN, WE BEND AND CEMENT FUSELAGE SIDES 5 AND 6 TO TOP 16.
CEMENT
THEN I WIPE OFF THE EXTRA CEMENT AGAIN UNTIL THE SHINE IS GONE.

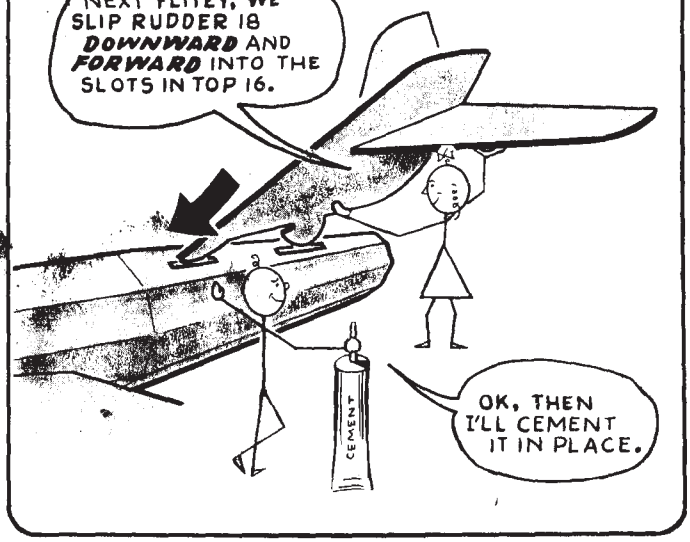

9
WE'RE GETTING THERE FLITEY, HERE GOES THE PILOT 11 AND 12 IN TO THE COCKPIT.
8
DON'T FORGET THE BALANCE WEIGHT, TOPSY. NOW IS THE TIME WE CEMENT IT STRONGLY BEHIND FORMER 8.


10
TOPSY, WATCH ME BEND TOP 17 AT THE TWO BENDING MARKS.
17
CEMENT
DON'T BREAK IT, FLITEY! NOW LET'S BEND OVER THE FRONT FUSELAGE SIDES 5 AND 6, AND CEMENT TO TOP 17.

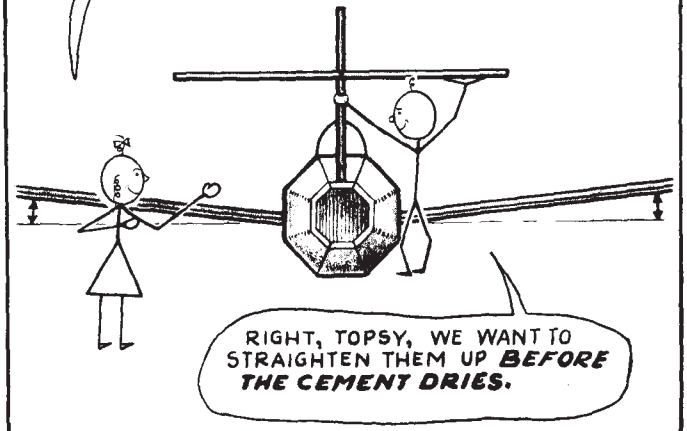
11


NOW I'LL FIT STABILIZER 19 INTO RUDDER 18, THEN YOU FIT STABILIZER 20 INTO RUDDER 18 TOO.
19
AND I'LL RUN CEMENT INTO ALL THE CORNERS.
18
20

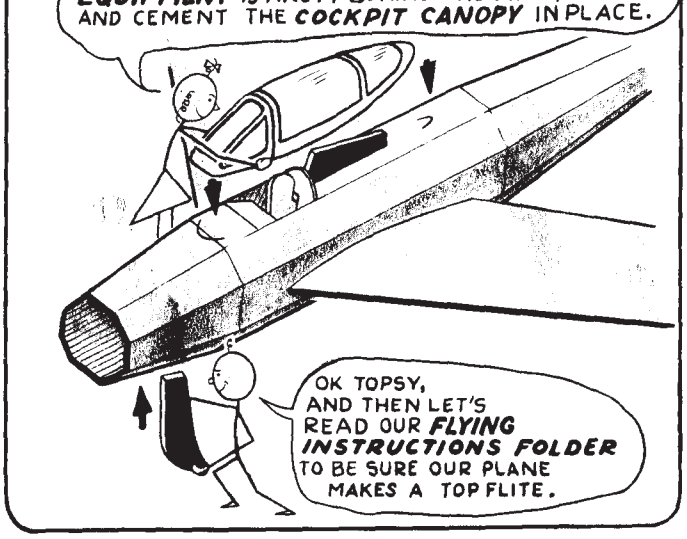
12


NEXT FLITEY, WE SLIP RUDDER 18 DOWNWARD AND FORWARD INTO THE SLOTS IN TOP 16.
CEMENT
OK, THEN I'LL CEMENT IT IN PLACE.

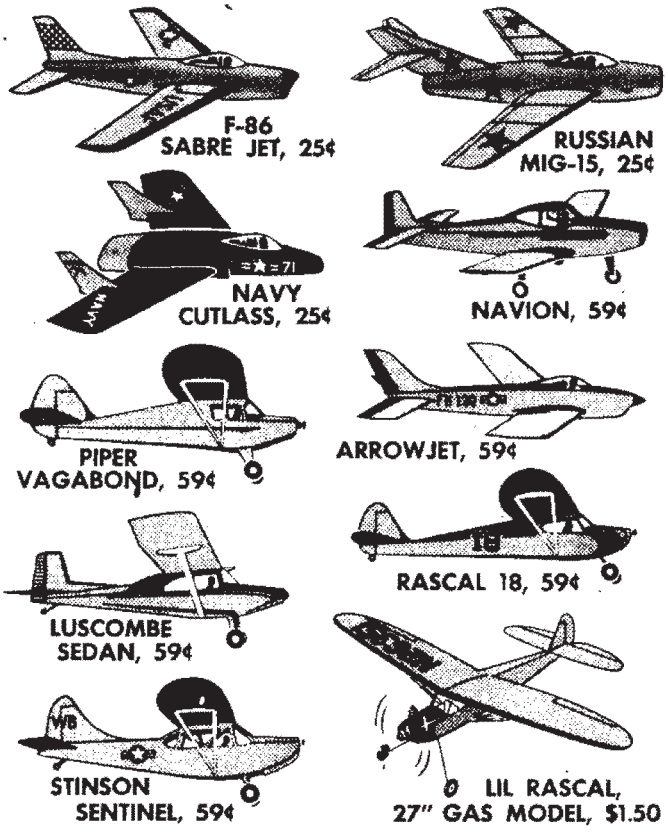
13


NOW WE CAN LOOK FROM BEHIND THE PLANE AND STRAIGHTEN UP RUDDER 18 AND STABILIZER 19 AND 20.
RIGHT, TOPSY, WE WANT TO STRAIGHTEN THEM UP BEFORE THE CEMENT DRIES.

14


FLITEY, YOU PUSH THE LAUNCHING SKID 9 AND 10 UP THROUGH THE SLOT IN BOTTOM 15 AND CEMENT IT STRONGLY. I'LL CEMENT THE RADIO EQUIPMENT 13 AND 14 BEHIND THE PILOT, AND CEMENT THE COCKPIT CANOPY IN PLACE.
OK TOPSY, AND THEN LET'S READ OUR FLYING INSTRUCTIONS FOLDER TO BE SURE OUR PLANE MAKES A TOP FLITE.

YOUR TOP FLITE JIGTIME SQUADRON IS GUARANTEED TO FLY!



Guarantee Certificate

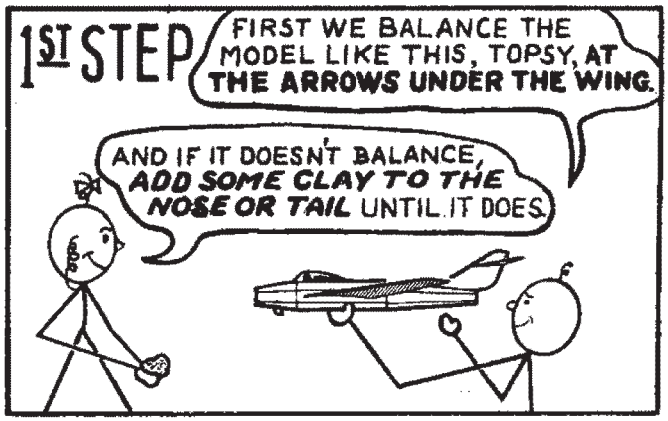
This Top Flite JIGTIME model is guaranteed to fly when the builder follows the instructions and diagrams accurately. Please comply closely with all directions and your model is sure to fly.

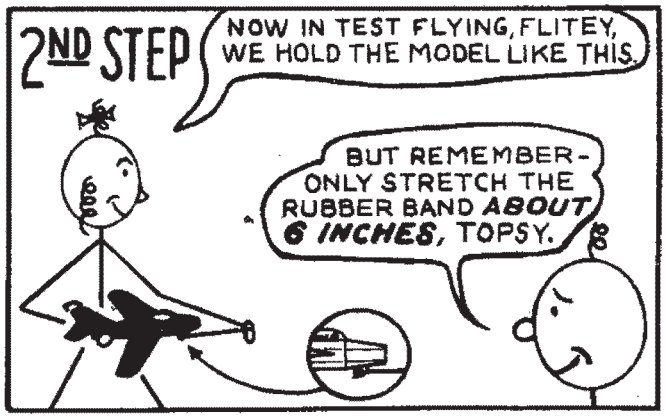
You'll find the instructions on "How To Fly Your Model" very helpful.

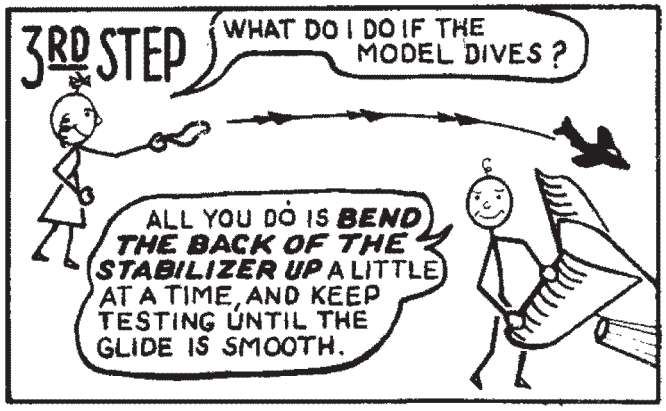
In case of difficulty, consult an experienced modeler or your dealer for possible adjustments. If you have made the model accurately, and it still cannot be made to fly satisfactorily, the dealer is authorized to refund your purchase price upon surrender of the finished model.

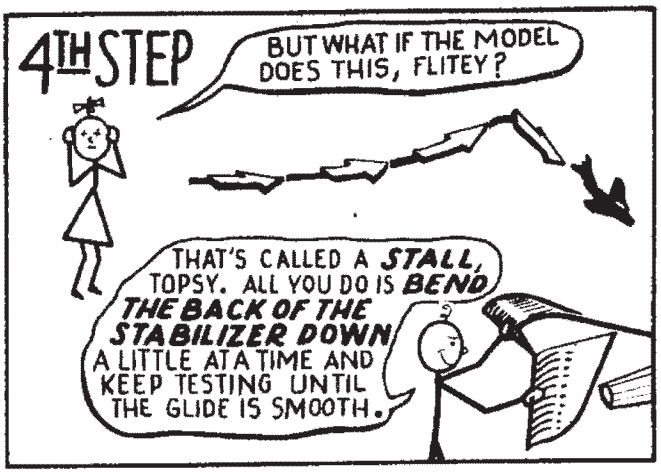
TOP FLITE MODELS, Inc. Chicago, Ill.

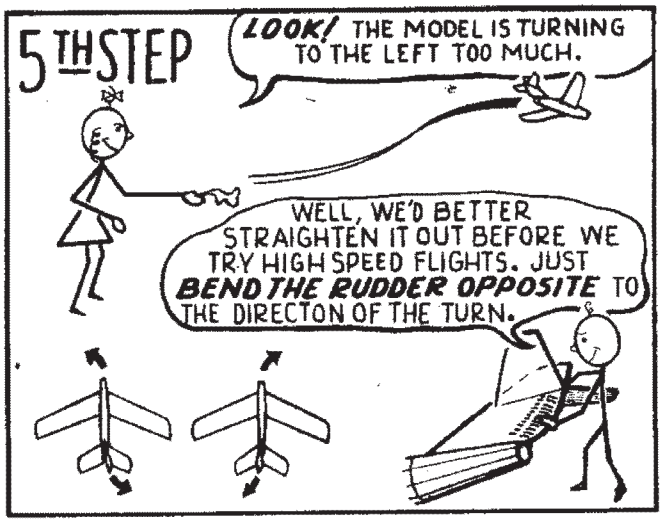
HERE'S HOW WE GET SUCCESSFUL FLIGHTS ACTUALLY REACHING SPEEDS *OVER 50 MILES PER HOUR*











HERE'S HOW WE PAINT OUR MODEL