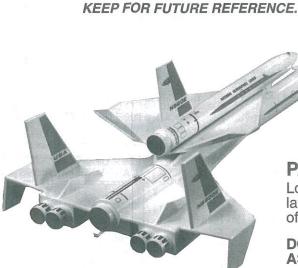


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FLYING MODEL ROCKET KIT INSTRUCTIONS



ASSEMBLY TIP

Read all instructions before beginning work on your model. Make sure you have all parts and supplies.

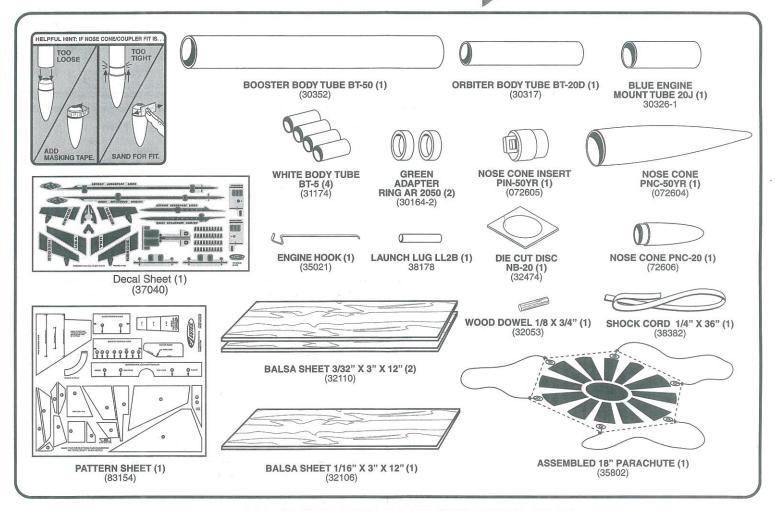
TEST-FIT ALL PARTS TOGETHER BEFORE APPLYING ANY GLUE.

If any parts don't fit properly, sand as required for precision assembly.

PARTS:

Locate the parts shown below and lay them out on the table in front of you.

DO NOT USE THIS DRAWING TO ASSEMBLE YOUR ROCKET.



ALL GLUED AREAS ARE SHADED IN GRAY

LIES In addition to the parts included in the kit you will also need:





























SCISSORS PENCIL

RULER

(#400-600 GRIT)

FINE CARPENTER'S MODELING SAND PAPER GLUE KNIFE

MASKING TAPE

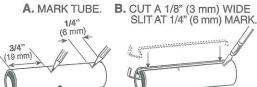
PRIMER

WHITE

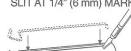
(OPTIONAL)

STRAIGHT PIN

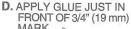
ASSEMBLE ENGINE MOUNT



BLUE ENGINE MOUNT TUBE



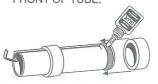
C. POSITION ENGINE HOOK.





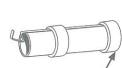
E. SLIDE GREEN ADAPTER RING ONTO ENGINE MOUNT TUBE DOWN TO THE 3/4" (19 mm) MARK.

F. APPLY GLUE BAND AROUND FRONT OF TUBE.



G. SLIDE OTHER GREEN ADAPTER RING SO IT IS EVEN WITH THE END OF THE TUBE

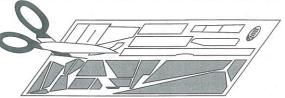
B. ARRANGE PATTERNS AS SHOWN AND TRACE ON BALSA SHEETS.



ENDS EVEN

■ BALSA SHEET LAYOUTS

A. CUT OUT THE BALSA PATTERNS FROM THE PATTERN SHEET.



USE THIS LAYOUT FOR THE TWO 6 3/32" 10 THICK BALSA SHEETS. 13 2 16 5 5 14

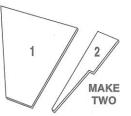
14

USE THIS LAYOUT FOR THE ONE 1/16" THICK BALSA SHEET

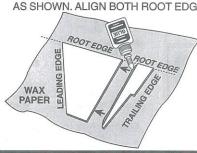
FORWARD WING CONSTRUCTION

A. USING A HOBBY KNIFE, CAREFULLY **CUT PATTERN #1** AND PATTERN #2 FROM EACH 3/32" THICK BALSA SHEET.

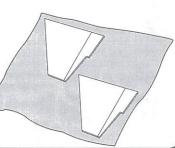
MAKE TWO



B. GLUE EACH WING SECTION TOGETHER AS SHOWN. ALIGN BOTH ROOT EDGES.



C. LET DRY.



ASSEMBLE SCRAMJET TUBES

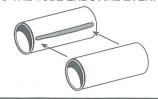
A. APPLY A THIN STRAIGHT LINE OF GLUE ALONG ONE BT-5 BODY TUBE.



B. ATTACH IT TO ANOTHER BT-5 TUBE SO THE TUBE ENDS ARE EVEN.

17

17



C. REPEAT STEPS A & B FOR REMAINING BT-5 TUBES.



COMPLETED SCRAMJETS

■ PREPARE FORWARD WING

A. CUT OUT WING MARKING GUIDE FROM PATTERN SHEET.



B. PLACE BOTH WINGS ON A FLAT SURFACE. LAY WING MARKING GUIDE ON TOP OF WING, PRINTED SIDE UP. USING A PIN, POKE THROUGH PATTERN SHEET AT DOTS. DO NOT POKE ALL THE WAY THROUGH BALSA,



C. FLIP PATTERN SHEET OVER ONTO OTHER WING AND REPEAT PROCESS TO MARK WING.



