

TOP FUSELAGE SHEET
MAKE BY USING 2 SHEETS
OF 1/8" x 3" x 36" AND ONE
1/8" x 1" x 36". GLUE INTO
ONE SHEET.

* WEBRA 61
GOLDBERG
SPINNER 2"

3/8" x 3/4" x 6" MOTOR MOUNT STOCK
NOTCH LEFT RAIL TO FIT F-1

IN SEVERAL PLACES TWO TYPES OF GEAR
INSTALLATION ARE SHOWN AT THE SAME
TIME TO SAVE SPACE. CALL TO YOUR
ATTENTION ARE: THE SIG NOSE GEAR
BLOCK, MAIN LANDING GEAR BLOCKS,
GOLDBERG RETRACT UNITS.

5/32" WIRE NOSE GEAR CAN BE
ADJUSTED FOR DESIRED HEIGHT.
SAME WIRE IS USED IN THE
GOLDBERG UNIT, SHORTENED AS
REQUIRED.

⚠ DANGER!
Important: Read These Warnings:
Do not fly control line or towline models within 300 feet of electric power lines. Instant death from electrocution can result from coming near them. Direct contact is not necessary.
A model airplane motor gets very hot and can cause serious burns. Do not touch the motor during or after operation. Keep clear of the propeller. It can cut off a finger or put out an eye. Make sure the propeller is securely fastened in place and is not cracked. Model airplane fuel is flammable and poisonous. Take the same precautions while transporting and using it that you would with a can of gasoline or a bottle of poison.
Remember that it is possible to lose control of a model airplane. Do not fly in locations where the model may hit people or damage property if loss of control occurs. Check your model and equipment regularly to insure it is in safe operating condition.

ABOUT Balsa WOOD:
We do not deal in just any good grade of balsa in our kits as the supply situation permits. The worldwide shortage of balsa wood has led to a steady increase in price to obtain as high an average quality as used to be the case.
Every piece of balsa supplied cannot be 100% perfect or of even wood but we do our best to provide the best. Great starts or small knots do not affect wood strength. Even with the very best grades of balsa, there is a natural tendency for some sticks or sheets to warp back from being cut off from a perfectly square block because of built-in stresses. In most cases, these stresses are released during the drying process. The edges of balsa sheets by trimming, using a metal straightedge.

NOTE: THE PLAN PAPER CAN SHRINK OR EXPAND WITH HUMIDITY AND TEMPERATURE CHANGES, SOMETIMES AS MUCH AS 1/4". THE ORIGINAL DRAWINGS WERE DRAWN ON STABLE MYLAR FILM AND ALL THE PART PATTERNS WERE CHECKED AGAINST THEM. THEREFORE THE PARTS SHOULD ALL FIT TO EACH OTHER WITHOUT MUCH MISMATCH. ANY SMALL VARIATION OF THE PLAN DRAWING FROM THE PART THAT MAY BE NOTICED WILL NOT CAUSE SERIOUS DIFFICULTY DURING ASSEMBLY BECAUSE THE VARIATION WILL BE SMALL IN ANY ONE AREA OF THE PLAN.

RIB AND FORMER PATTERNS ARE SHOWN ON THE PLAN AND IN THE BOOK FOR THE CONVENIENCE OF THE KIT BUILDER IF REPAIRS SHOULD BE NECESSARY.

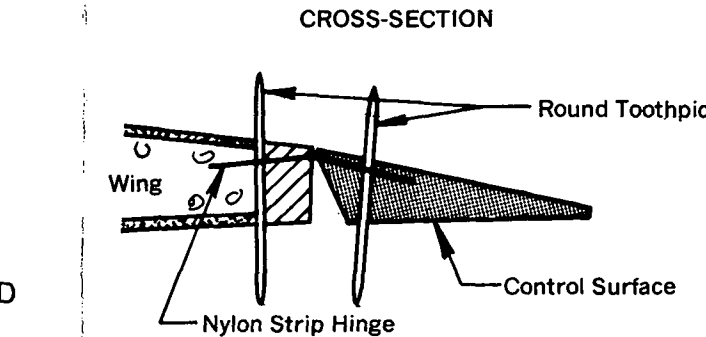
BONDING ABS
Remove all shine with 220 Grit sandpaper on the inside of the cabin to prepare the surface for glue. The mating surface for an 1/8" to 3/16" around the edge of the clear windows should also be prepared by scuffing with 220. This light scuffing of both ABS and clear will aid in bonding these materials. The 1/8" to 3/16" fuselage (cabin) should also be sanded to aid bonding to balsa fuselage. Hot Stuff is recommended for bonding ABS to balsa. Hot Stuff, M.E.K., and SIG Model Cement for bonding to balsa.

OIL PROOF YOUR MODEL!
One of the most destructive things that can happen to a model is allowing engine oil to soak into bare, untreated balsa or plywood. It will cause glue joints to loosen and results in a steady increase in weight. An oil soaked model cannot be properly repaired or repainted after a crack-up, since glue and finish will not hold. Cover all wood parts of the model and put on enough coats of finish so that oil cannot soak in. Don't leave any exposed wood on the outside. Around the nose and engine compartment, apply extra effort at oil proofing. Coating the firewall and front joints with epoxy glue is best, but several extra coats of dope or paint will also do the job. Take special care during building to use plenty of epoxy glue to attach the firewall and coat the back of the firewall and the firewall braces with the glue. Fill any cracks with epoxy.

ALTERNATE CONTROL SURFACE HINGES
SECOND METHOD FOR HINGES: Use #10 Strip Nylon (#1427) and round toothpicks for a strong method of hinge installation. Toothpicks are inserted into 4 drilled holes. (Put a drop of Sig-Bond Glue into each hole). Use a razor saw to cut the toothpick off flush with the surface and sand smooth. Later, while painting, put the control surface in one direction or the other to expose the hinge line areas to the paint spray.

CAUTION
AN EXTRA QUANTITY OF TAIL WILL REQUIRE SEVERAL OUNCES IN THE NOSE. BE SURE AND CARVE THE TAIL DOWN TO THE INDICATED AIRFOIL SHAPES SO THERE WILL NOT BE EXCESS WOOD WEIGHT. GO EASY ON THE FILLER COAT AND PAINT ON THE TAIL SINCE THIS CAN ADD EXTRA WEIGHT.

NOTE: The nylon hinge material and round toothpicks are not furnished in the kit.



CROSS-SECTION
Round Toothpicks
Nylon
Control Surface
Wing

NOTE: RADIO, SERVOS, RETRACTS, ENGINE, MANIFOLD, SPINNER, ETC., ARE SHOWN AS SET UP IN THE PROTO TYPE. LOCATIONS FOR OTHER TYPES OF EQUIPMENT CAN BE DETERMINED BY BUILDER. THE FULL SIZE BULKHEAD DRAWINGS ARE PROVIDED FOR THIS PURPOSE.

LIMIT OF LIABILITY
In use of our products, SIG Manufacturing Co.'s only obligation shall be to replace such quantity of the product proven to be defective. User shall determine the suitability of the product for his or her intended use and shall assume all risk and liability in connection therewith.

AN ASTERISK - * - INDICATES AN ITEM NOT FURNISHED IN THE KIT. IF THE SUGGESTED BRAND NAME IS NOT AVAILABLE, AN EQUIVALENT PRODUCT MAY BE SUBSTITUTED.

Sig Mfg. Co., Inc. 1979
Printed in U.S.A.

RC SPORT SCALE
WING SPAN: 64"
WING AREA: APPROX. 653 Sq. In.
WEIGHT: APPROX. 7-1/2 Lbs. APPROX. 8-1/2 Lbs. WITH RETRACTS

RC SPORT FLYING
ENGINE SIZE: 60 Cu. In.
LENGTH: 44"
Drawn By HANK POHLMANN And DARRYL THOEM
Sig Manufacturing Co., Inc. . . Montezuma, Iowa 50171 U.S.A.

PLAN SHEET 1 OF 2

BEECHCRAFT *Bonanza* **E33A**
Designed By HANK POHLMANN

SIG
KIT RC-41

RC SPORT SCALE
WING SPAN: 64"
WING AREA: APPROX. 653 Sq. In.
WEIGHT: APPROX. 7-1/2 Lbs. APPROX. 8-1/2 Lbs. WITH RETRACTS

RC SPORT FLYING
ENGINE SIZE: 60 Cu. In.
LENGTH: 44"
Drawn By HANK POHLMANN And DARRYL THOEM
Sig Manufacturing Co., Inc. . . Montezuma, Iowa 50171 U.S.A.

Bonanza
KIT RC-41

SIG
CRAFTSMAN'S KIT

IN ANY CONFLICT BETWEEN THE PLAN AND THE BOOKLET, FOLLOW THE BOOKLET INSTRUCTIONS. THEY ARE REVISED MORE FREQUENTLY THAN THE PLAN.

HINGING HINTS

- 1) Use one strip of 1/2" x 3/4" balsa for hinge installation.
- 2) The first hole is for the hinge. Drill it from the outside and drill to the inside. Have the same side down on all 4 holes.
- 3) The only side of the glue is on the inside. The 1/16" hole is intentional. It allows the back of the hinge to take a seat in the hole. The hole is to be made by routing over here before assembly.
- 4) Use plenty of Sig Stuff. It is a good glue in the slot. A pin hole into the bottom of the slot prevents air lock. Be sure the glue goes into the hole. It is to be made by routing over here before assembly.
- 5) Let the glue set up to 15 minutes. During the time from about 7 to 15 minutes after setting, the excess glue that has appeared from the slot can be wiped off easily. Don't leave glue covering the slot, back of the hinge portion in the center.

MAKING A HINGE SLOT

DRILL TWO 1/8" DIA. HOLES INTO THE WOOD

CUT BETWEEN THE HOLES WITH A HOOKED KNIFE

USE EPOXY GLUE TO FASTEN THE HINGE IN THE SLOT

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

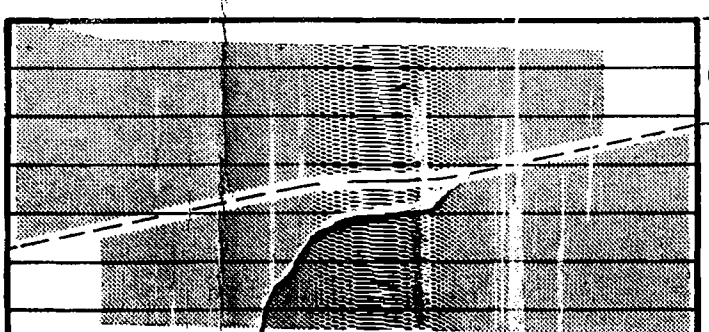
NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

NOTE: AN EXCESSIVE AMOUNT OF GLUE IS ALSO NEEDED FOR CUTTING HINGE SLOTS

Bonanza
KIT RC-41



6-1/2"

14"

MAKE THE TWO LEADING EDGES BY CUTTING THE 1/2" x 2" x 3/6" BALSAS AS SHOWN

IN ANY CONFLICT BETWEEN THE PLAN AND THE BOOKLET, FOLLOW THE BOOKLET INSTRUCTIONS. THEY ARE REVISED MORE FREQUENTLY THAN THE PLAN.



© Sig Mfg. Co., Inc. 1979
Printed in U.S.A.

LIMIT OF LIABILITY
In use of our products, SIG Manufacturing Co.'s only obligation shall be to replace such quantity of the product proven to be defective. User shall determine the suitability of the product for his or her intended use and shall assume all risk and liability in connection therewith.

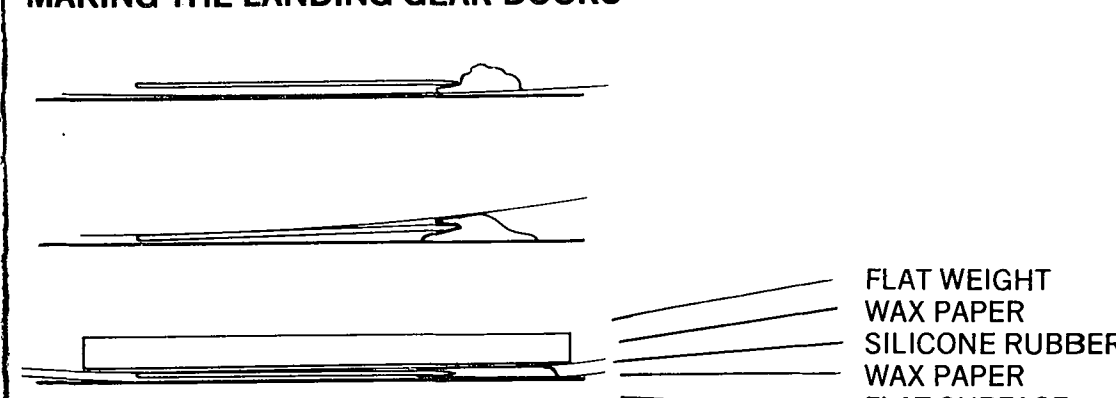
BONDING ABS
Remove all shine with 200 Grit sandpaper on the inside of the cabin to prepare the surface for glue. The mating surface for an 1/8" to 3/16" around the edge of the clear windows should also be prepared by scuffing with 200. This light scuffing of both ABS and clear will aid in bonding these materials. The 1/8" to 3/16" fastener to cabin should also be sanded to aid bonding to balsa fuselage. Hot Stuff is recommended for bonding ABS to balsa clear. Hot Stuff, M.E.K., and SIG Model Cement for bonding to balsa.

AN ASTERISK * INDICATES AN ITEM NOT FURNISHED IN THE KIT. IF THE SUGGESTED BRAND NAME IS NOT AVAILABLE, AN EQUIVALENT PRODUCT MAY BE SUBSTITUTED.

NOTE: RADIO, SERVO, RETRACTS, ENGINE, MANIFOLD SPINNER, ETC. ARE SHOWN AS SET UP IN THE PROTO TYPE. LOCATIONS FOR OTHER TYPES OF EQUIPMENT CAN BE DETERMINED BY BUILDER. THE FULL SIZE BULKHEAD DRAWINGS ARE PROVIDED FOR THIS PURPOSE.

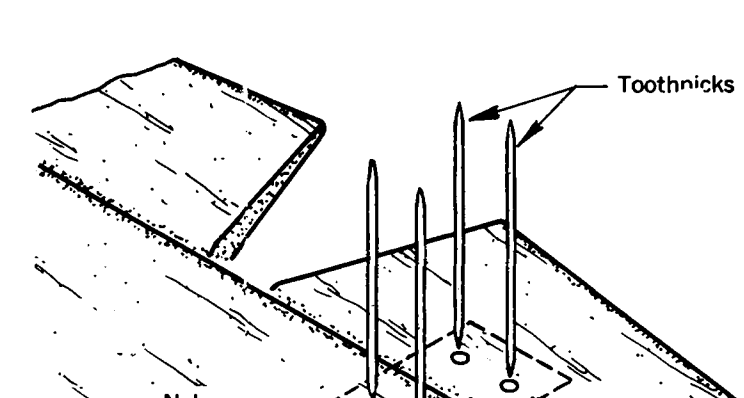
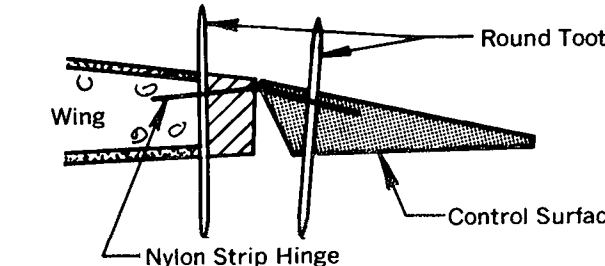
WARNING-DANGER!
DO NOT FLY MODEL AIRPLANES NEAR ELECTRIC POWER LINES. INSTANT DEATH CAN RESULT FROM CONTACT WITH, OR FLYING TOO CLOSE TO, ELECTRIC POWER LINES.

MAKING THE LANDING GEAR DOORS



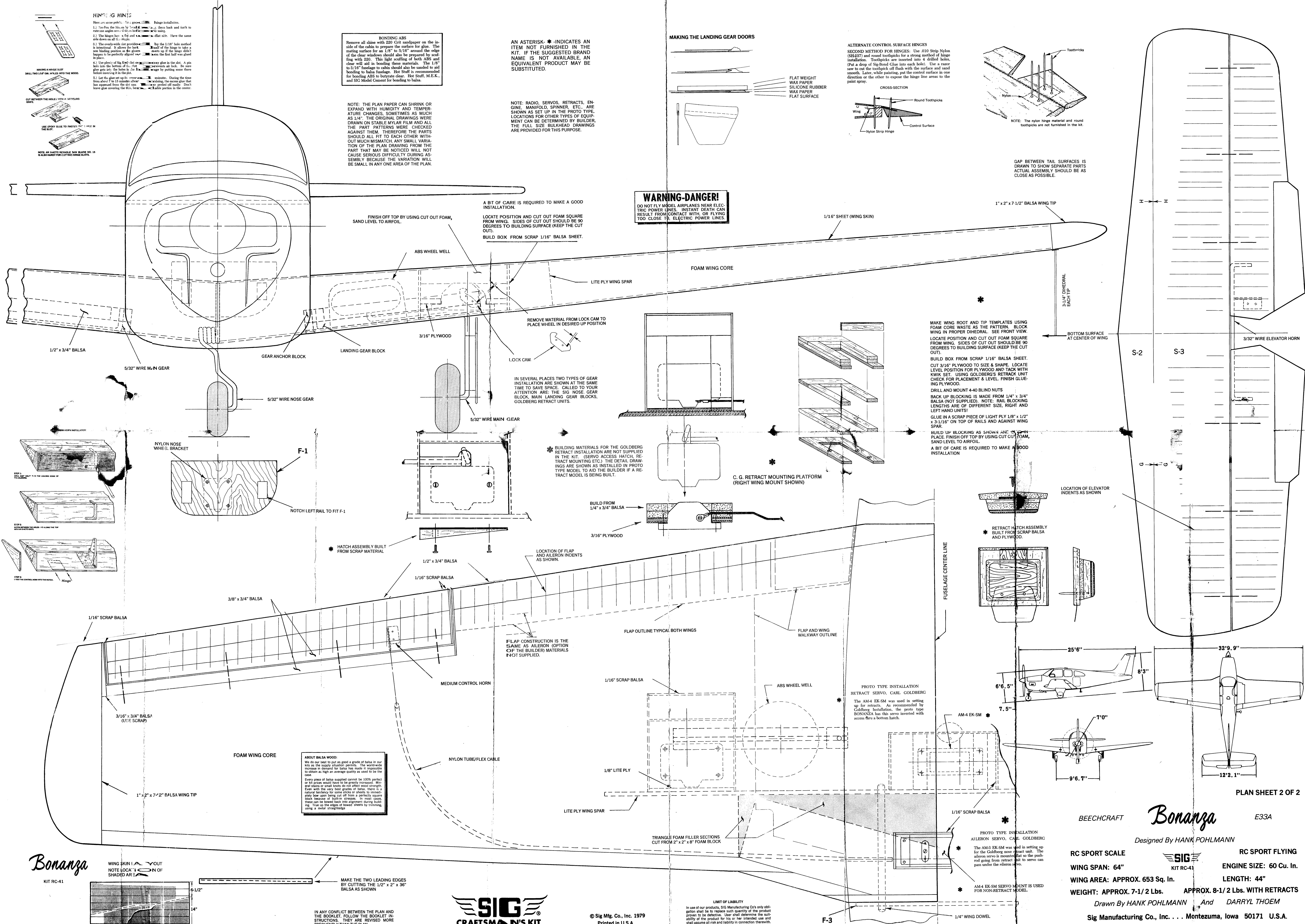
ALTERNATE CONTROL SURFACE HINGES

SECOND METHOD FOR HINGES: Use #10 Strip Nylon (SHEET) and round toothpicks for a strong method of hinge installation. Toothpicks are inserted into 4 drilled holes. (Put a drop of Sig-Bond Glue into each hole). Use a razor saw to cut the toothpick off flush with the surface and sand smooth. Later, while painting, put the control surface in one direction or the other to expose the hinge line areas to the paint spray.



NOTE: The nylon hinge material and round toothpicks are not furnished in the kit.

GAP BETWEEN TAIL SURFACES IS DRAWN TO SHOW SEPARATE PARTS. ACTUAL ASSEMBLY SHOULD BE AS CLOSE AS POSSIBLE.



MAKE WING ROOT AND TIP TEMPLATES USING FOAM CORE WASTE AS THE PATTERN. BLOCK WING IN PROPER DIHEDRAL. SEE FRONT VIEW. LOCATE POSITION AND CUT OUT FOAM SQUARE FROM WING. SIDES OF CUT OUT SHOULD BE 90 DEGREES TO BUILDING SURFACE (KEEP THE CUT OUT).

BUILD UP BLOCKING AS SHOWN AND PLACE. FINISH OFF TOP BY USING CUT OUT FOAM, SAND LEVEL TO AIRFOIL.

A BIT OF CARE IS REQUIRED TO MAKE A GOOD INSTALLATION

PROTO TYPE INSTALLATION RETRACT SERVO, CARL GOLDBERG

The AM-4 EK-SM was used in setting up for retracts. As recommended by Goldberg installation, the proto type BONANZA has this servo inverted with access thru a bottom hatch.

PROTO TYPE INSTALLATION ALERON SERVO, CARL GOLDBERG

The AM-3 EK-SM was used in setting up for the Goldberg nose retract unit. The aleron servo is mounted so the pushrod going from retract unit to servo can pass under the aleron servo.

BEECHCRAFT Bonanza E33A
Designed By HANK POHLMANN

RC SPORT SCALE
WING SPAN: 64"
WING AREA: APPROX. 653 Sq. In.
WEIGHT: APPROX. 7-1/2 Lbs.

RC SPORT FLYING
ENGINE SIZE: 60 Cu. In.
LENGTH: 44"
APPROX. 8-1/2 Lbs. WITH RETRACTS

Drawn By HANK POHLMANN And DARRYL THOEM
Sig Manufacturing Co., Inc. . . . Montezuma, Iowa 50171 U.S.A.