These instruction cover the following list of drawings:

Drawing	Sheet	Title Revision
54-1-1	1 of 5	General Assy. A
54-1	2 of 5	Engine mount (Continental)B
54-1	3 of 5	Interplane Strut A
54-1	4 of 5	(Ref. B -302, 303 and 305)
54-1	5 of 5	Cabane Struts A
54-2	1 of 5	Wing General Assy.
54-2	2 of 5	Wing Ribs
54-2	3A of 5	Wing Tip
54-2	3B of 5	Wind screen A
54-2	4 of 5	Wing Spars A
54-2	5 of 5	Aileron B
54-3	1 of 5	Fuselage Frame C
54-3	2 of 5	Fuselage Sections A
54-3	3A of 5	Inst. Panel & Formers A
54-3	4 of 5	Fuselage Details A
54-3	5 of 5	Fuselage Sections D
54-4-4-a	1 of 1	Empennage A
54-5	1 of 1	Wing Fittings
54-6	1 of 3	Control System C
54-6	2 of 3	Flying controls A
54-6	3 of 3	Control System A
100	1 of 1	Rudder & Brakes A
103	1 of 1	Gas Tank A
195	1 of 1	Fuel System
302	1 of 1	Shock Strut D
303-A	1 of 1	Landing Gear A
None	1 of 1	Wing Rib Jig Dwg.

The following drawings relate to special modifications from the basic BABY LAKES design. They may be obtained from B.O.A.

Drawing	Sheet	Title Revision
54-1-1	4 of 5	Aeronca Strut Mod.
54-2A	1 of 1	Friese Aileron (optional change)
104	1 of 1	Wing Tank
300A	1 of 1	Landing Gear (streamline tube)
001	1 of 1	Special control column Mod. (eliminates Pulley up front)
002	1 of 1	Elev. pulley Mod. (at "FF" at sta. 50.50 eliminates upper rear"in the tail fin" pulley).

NOTE: We recommend that you purchase your materials from suppliers who handle quality, aircraft grade parts and materials.

These instructions are written in a suggested sequence of construction.

WORKTABLE.

You will need a sturdy work bench. Use 4" x4" wood legs, or double, 2" x 4" pieces, spiked and glued, for the legs at the corners. Use 2" x 8"s or at least 2" x 6"s for framing.

The best size top is 4' x 12', that leaves a bit on both ends for "wiggle room" when you need it. Also, 4'x12' is an easy size to fit plywood and plasterboard on as you progress. Use 3/4" plywood for the top and, nailing sparsely, a 4'x12' or a 4'x8' and a 4'x4' piece of sheet rock (plasterboard) over the 3/4" piywood.

Draw a centerline, lengthwise, on the top of the bench. Fix an upper center wire directly above the centerline on the bench. Use plumb-bobs down from this to plumb the fuselage as you build up from the bench. There are very few vertical (plumb) sides on this airplane. Use a plumb level and a square also, as needed. Make center marks in all cross tubes as you progress. Plumb down to these as you go.

WING RIBS.

Drawing 54 -2, sheet 2 of 5

There is a full size rib drawing included with your set of prints. Use it to make a full size durable template of the rib contour for use and reference during the construction of your airplane. Hint: use spray adhesive on a piece of 1/8" tempered masonite and on the back of the full size drawing; then belt-sand to final shape.

Start your project by building a rib jig for the wing ribs. A flat piece of birch or similar plywood about 8" wide and 48" long will be satisfactory.

Using your template, mark out the rib contour, and the chord and wing spar center lines as shown on the reference drawing. Use 1/4" square spruce material to assist in marking out the capstrips and the vertical and diagonal braces. Glue "spar cross section" sized blocks of wood in the proper locations, front and rear. These must be installed