

American Champion Scout 8GCBC



The Scout was designed and initially produced by the Bellanca Aircraft Corporation in 1974. Originally intended as a general aviation aircraft, it quickly found use in a wide range of roles, including bush flying, agricultural work, pipeline patrol, glider towing, and banner towing. Its ability to be equipped with floats, conventional wheeled landing gear, tundra tires, or skis makes it especially well suited to these diverse operations.

The Scout features a simple and rugged design. The fuselage and tail surfaces are constructed from welded steel tubing, with the external shape formed by a combination of wooden formers and longerons, all covered in fabric. The wings are also fabric covered and use aluminum ribs. Wing flaps are standard, and the increased wing area combined with the flaps contributes significantly to the Scout's short takeoff and landing (STOL) performance. The landing gear is a taildragger configuration, with the main gear legs on most Scouts made from spring steel.

The largest operator of the Scout is the Royal Canadian Air Cadets, which operate more than 20 aircraft in Ontario and the Prairie provinces, primarily as glider tow aircraft for training purposes.

In 1988, American Champion Aircraft (ACA) purchased the type certificates for the Scout and other Bellanca aircraft following the company's closure, and subsequently resumed production.

This kit represents an ACA-built Scout from the latter part of the 1990s. It allows the builder to configure the model with either floats or conventional wheeled landing gear.

ACA 8GCBC Scout Specifications

Crew: one pilot
Capacity: one passenger and 750 lb useful load
Length: 23 ft 0 in
Wingspan: 36 ft 3 in
Power: Lycoming O-360-C1G, 180 hp
Performance: 140 mph
Numbers built: over 500

American Champion Scout 8GCBC



Includes interchangeable landing gear

Wooden Semi Scale Model Kit

Easy build sandwich construction

No special tools required

PAINT NOT INCLUDED

1:66 Scale

**FOR AGES 8 AND UP
SKILL LEVEL 1**
Contains One Model Kit



KIT-6074

Building tips:

All parts will be a tight fit. If you find a part is too tight give it a bit of a sanding with 220 grit sandpaper. **DO NOT FORCE PARTS.** A hobby knife is suggested to cut the pieces from the part tree but most parts will break free easily. We recommend removing the burnt edge left by the laser with 220 grit sandpaper. This makes it easier for painting also it makes for a better appearance, especially if you are going to leave the model in it's natural wood state. Although the model is designed to be assembled without glue, we do suggest glueing your model together. Noting indicated parts that are not to be glued. Any black substance that gets on your hands is non toxic and can be removed with soap and water



Indicates do not glue part or assembly

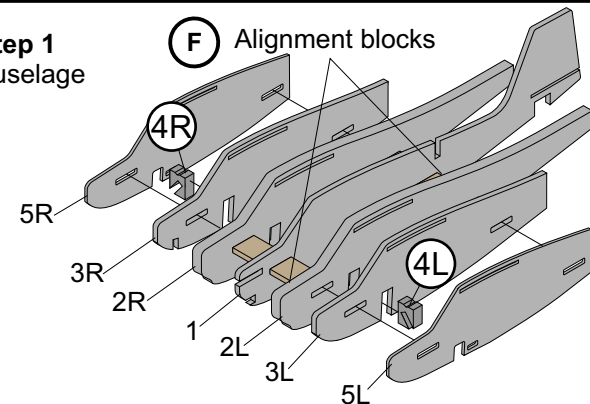


Indicates part is a friction fit in order to hold in place

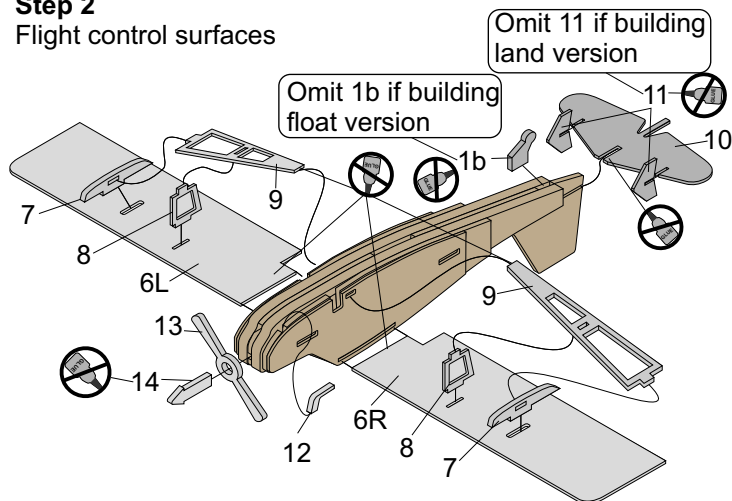
Recommended Tools:

Hobby Knife, Scissors, White Glue, 220 grit sandpaper

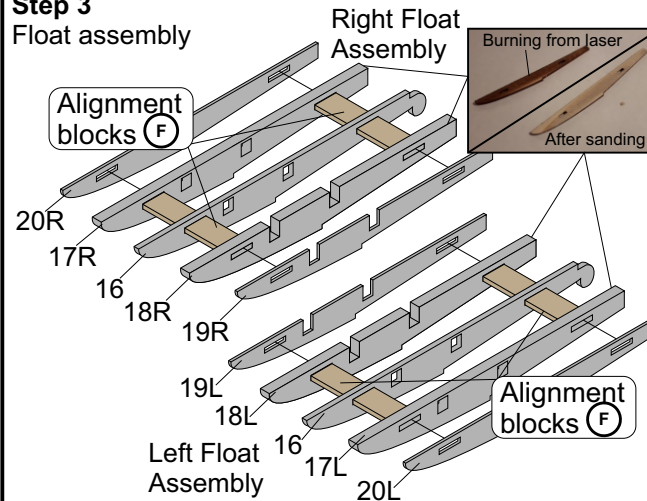
Step 1 Fuselage



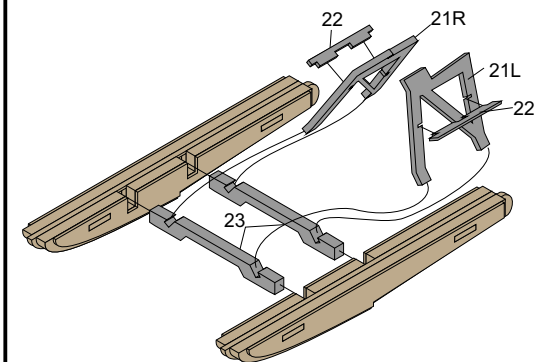
Step 2 Flight control surfaces



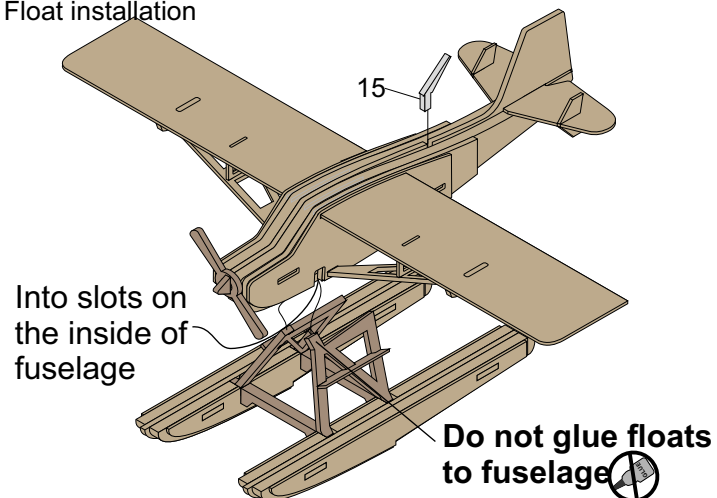
Step 3 Float assembly



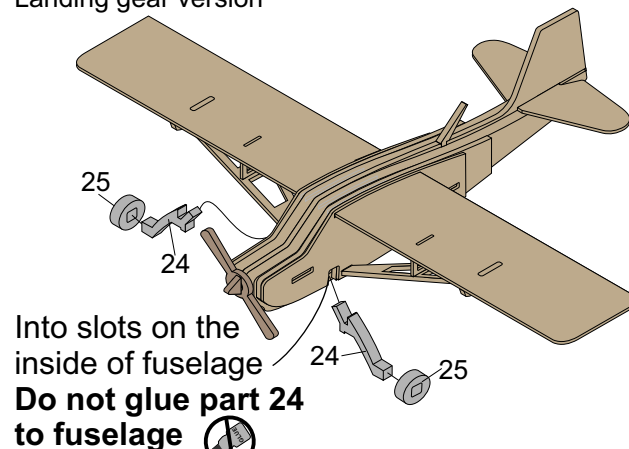
Step 4 Float struts and braces



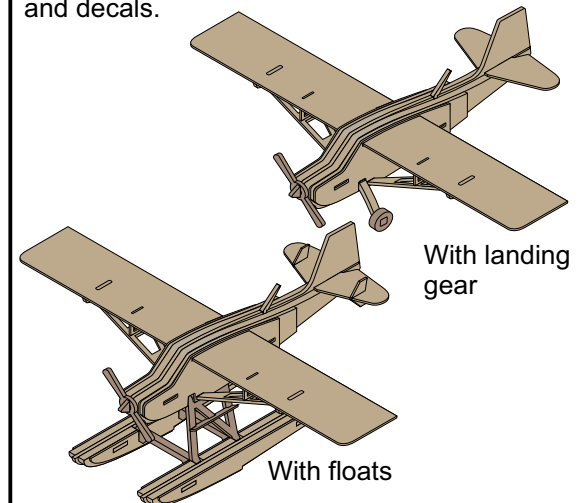
Step 5 Float installation



Step 5 Landing gear version



Completed versions of kit ready for paint and decals.





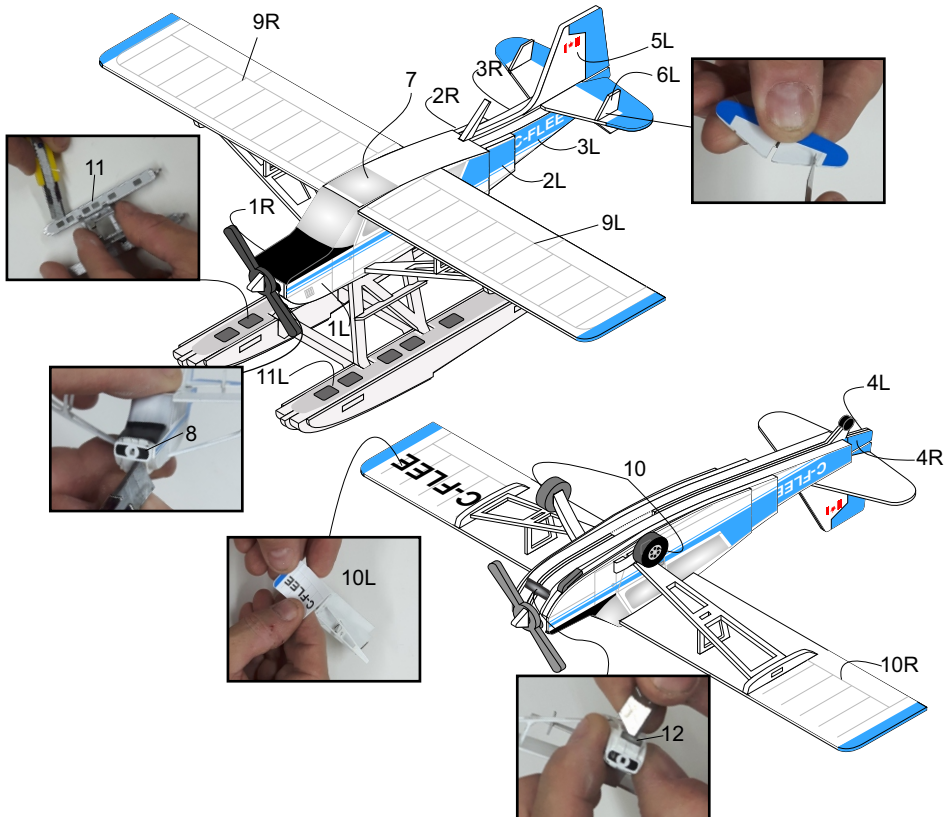
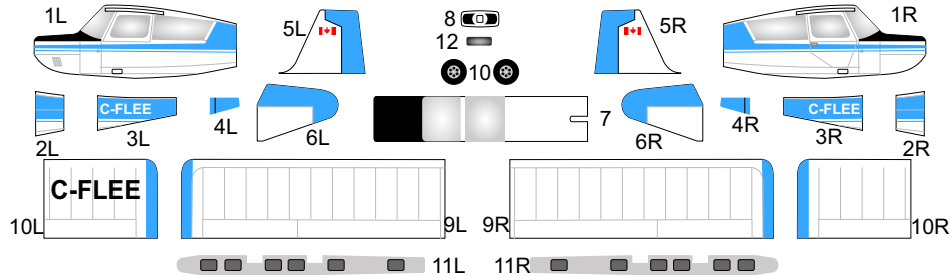
For small decals you may use a small utility knife to remove them from the backing and place in position.



Remove any vinyl that may be covering slots with a utility knife

Decals should be placed into position in numerical order. You will need to remove all wings to apply the side decal.

Take your time.



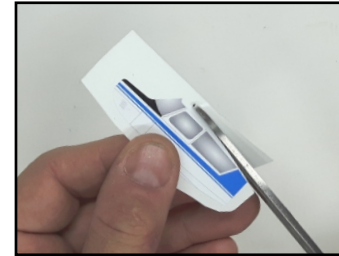
Applying decals

Tools needed to apply decals

Scissors

Utility knife

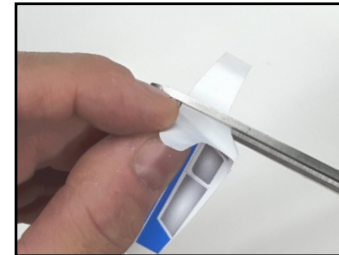
Make sure your hands are clean before applying decals. Avoid contact with the adhesive as this can cause the decal to loose some of its adhesion. Decals will adhere better to a smooth clean surface so we do recommend painting your model for best results.



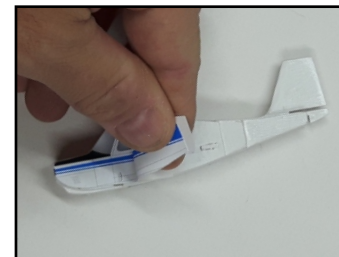
Cut out each decals as close to the edge as possible. Only cut out decals as needed.

Note:

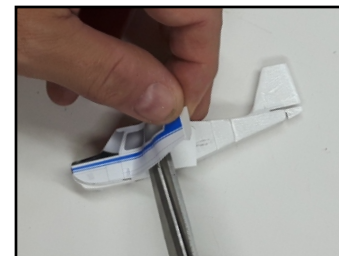
Paint entire aircraft **White** before applying decals.



For the large decals, remove about a 1/4" of the backing and cut off with scissors.



Place the exposed section on the surface making sure that your decal is properly aligned on the part.



Peel and cut backing off in stages making sure the decal is staying aligned on the surface.

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Suggested colours by Tamiya model paints

- 1 White X8**
All upper and lower surfaces
Landing gear
- 2 Blue X4**
For edges of wings and rear stabilizer
- 3 Black XF1**
Wheels, propeller and exhaust
- 4 Aluminum XF16**
Floats and struts

Note:

For best adhesion of the decals
the model should be painted.

