

Ballanca 8GCBC Scout



The Scout was manufactured by the Ballanca Aircraft Corporation in 1974. Designed as a general aviation aircraft, it soon found its way into such rolls as bush flying, as well as agriculture, pipeline patrol, glider and banner towing. The Scout is a simple design, the fuselage and tail surfaces are constructed of welded metal tubing. The outer shape of the fuselage is created by a combination of wooden formers and longerons, covered with fabric. The wings are fabric covered, utilizing aluminum ribs. The Scout also carries wing flaps, the added wing area and the flaps contribute to the Scout's short takeoff and landing abilities. The landing gear is a tail dragger configuration with the main gear legs of most Scouts being made of spring steel. The largest operator of the Scout is the Royal Canadian Air Cadets, operating over 20 of them in Ontario and the Prairie provinces as tow aircraft for glider training. The markings included in this kit are from C-GGQK flown out of Canadian Forces Base Borden.

Ballanca 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

Ballanca 8GCBC Scout

Featuring markings
of the Royal Canadian Air Cadets



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

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KIT-6059

Ballanca 8GCBC Scout

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 gluing your model together. Note 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

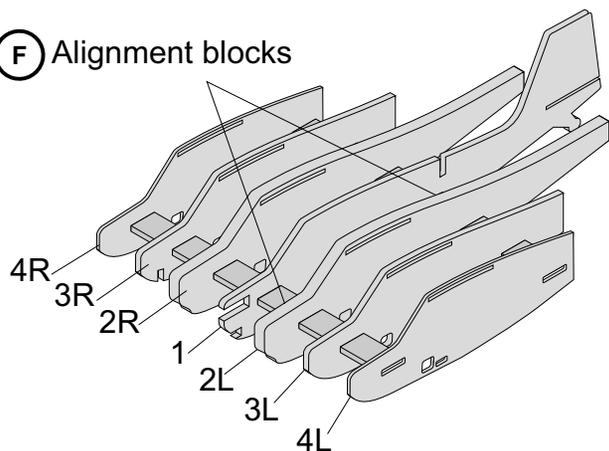
Recommended Tools:

Hobby Knife, Scissors, White Glue, 220 grit sandpaper

Step 1

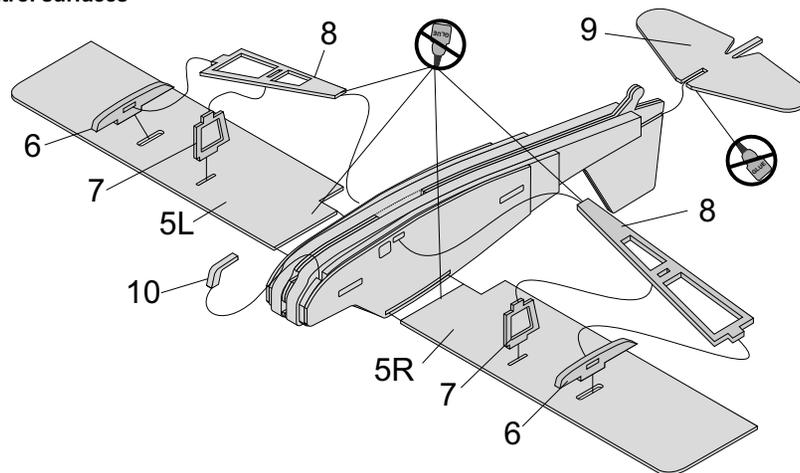
Fuselage

 Alignment blocks



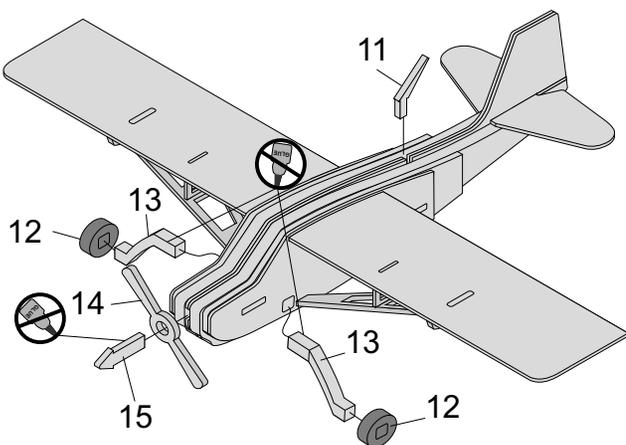
Step 2

Flight control surfaces



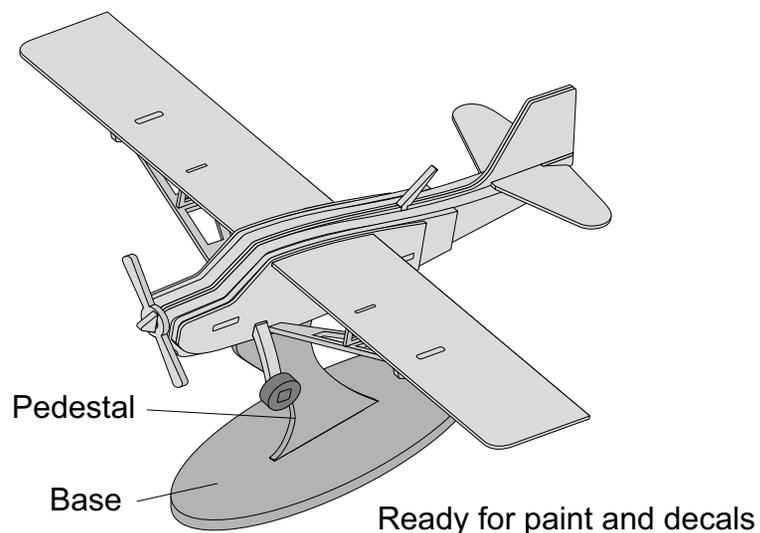
Step 3

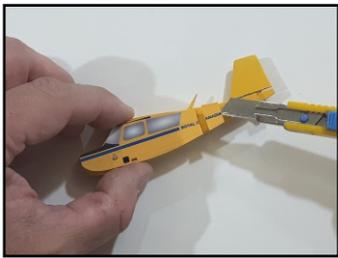
Final assembly



Step 4

Stand





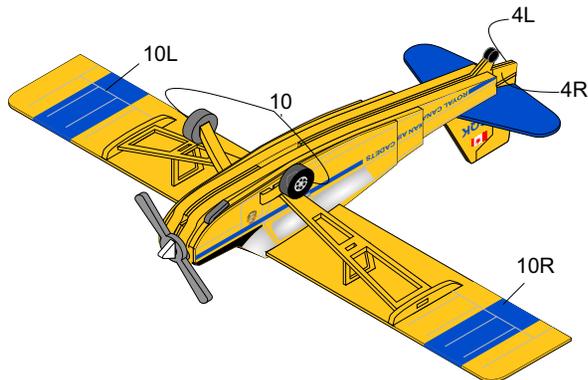
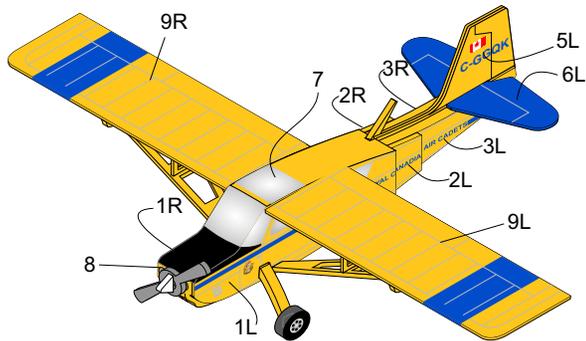
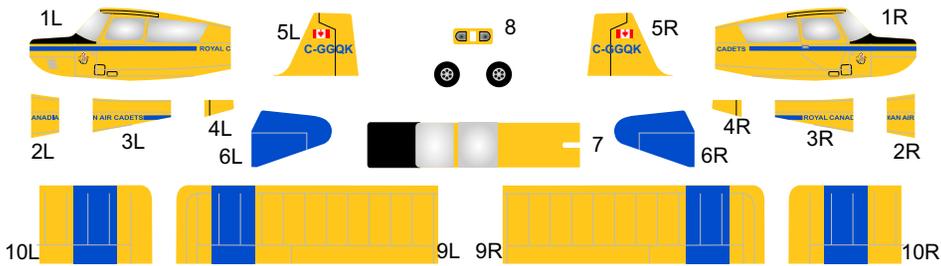
For small decals you may use a small utility knife to remove them from the backing and place in position.



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.

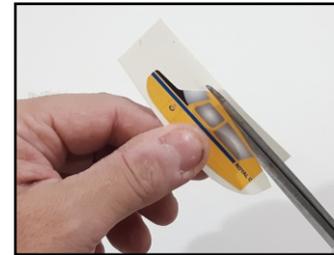


Applying decals

Tools needed to apply decals

- Scissors
- Utility knife

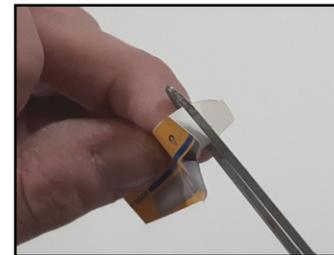
Make sure your hands are clean before applying decals. Avoid contact with the adhesive as this can cause the decal to lose some of its adhesion. Decals will adhere better to a smooth clean surface so we do recommend painting your model for best results.



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

Note:

Paint entire aircraft **Yellow** 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.



Slowly remove the backing making sure the decal is staying aligned on the surface.

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Royal Canadian Air Cadets

Suggested colours by Tamiya model paints

- 1 **Yellow X8**
All upper and lower surfaces
- 2 **Blue X4**
Leading edges of wings and rear stabilizer
- 3 **Black XF1**
Wheels, propeller and exhaust
- 4 **White X2**
Nose cone



Note:

Model should be painted before adding decals.

