

Piper J-3 Cub



The Piper J-3 Cub is an aircraft that was built between 1938 and 1947 by Piper Aircraft. The Cub is a simple lightweight design with good short take off and landing performance as well as good low-speed capability. Its simplicity and affordability is what made it Piper Aircraft's most-produced model, with nearly 20,000 units being built. The aircraft uses a high-wing, strut-braced design with a large-area rectangular wing. It is most often powered by an air-cooled, flat-4 piston engine driving a fixed-pitch propeller. Its fuselage is a welded steel frame covered in fabric, seating two people in tandem. The Cub was designed as a trainer. It had great popularity in this role and as a general aviation aircraft. Due to its performance, it was well suited for a variety of military uses such as reconnaissance, liaison and ground control. It was produced in large numbers during World War II as the L-4 Grasshopper. One of the most recognizable features of the aircraft is its chrome yellow paint, this came to be known as "Cub Yellow" or "Lock Haven Yellow". Many Cubs are still flying today and it's a very common site to see this aircraft at airports and grass fields all over the world.

Piper J-3 General Specifications

Length	22' 5"
Wingspan	35' 3"
Power	Several engines used ranging from 40-90HP Continental A series, Franklin 4AC, Lycoming O-145
Performance	Maximum Speed 87mph

Piper J-3 Cub



Wooden Semi Scale Model Kit

Easy build sandwich construction

No special tools required

PAINT NOT INCLUDED

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

OSBORN MODEL KITS
www.osbornmodelkits.com



KIT-6031

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

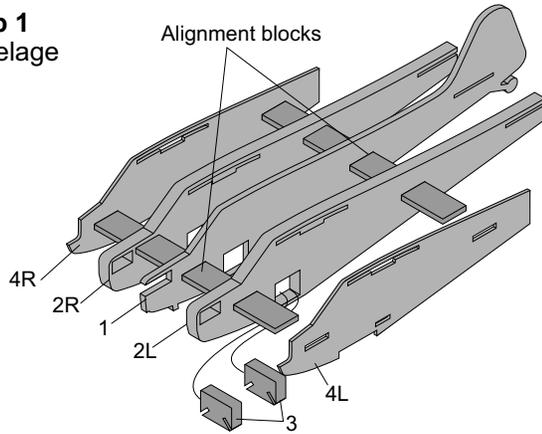
 Indicates do not glue part or assembly

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

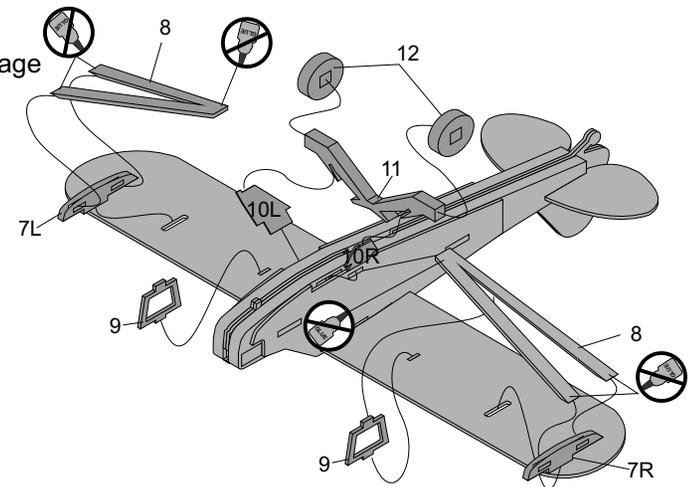
Recommended Tools:

Hobby Knife, Scissors, White Glue, 220 grit sandpaper

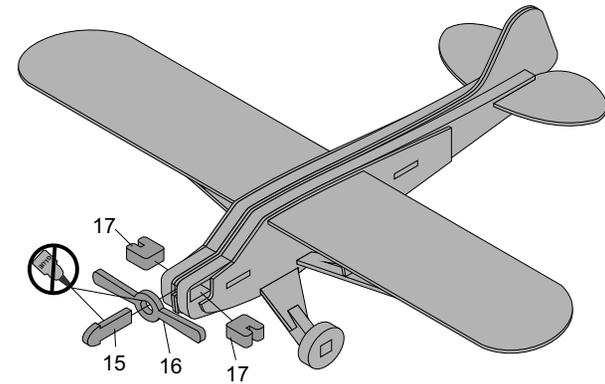
Step 1
Fuselage



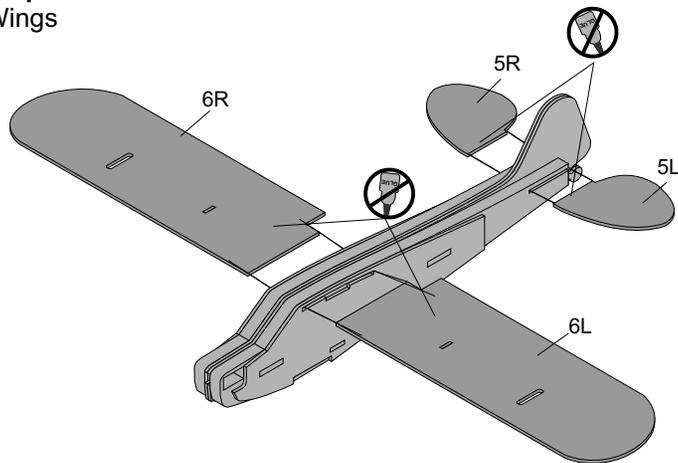
Step 3
Wing struts, undercarriage



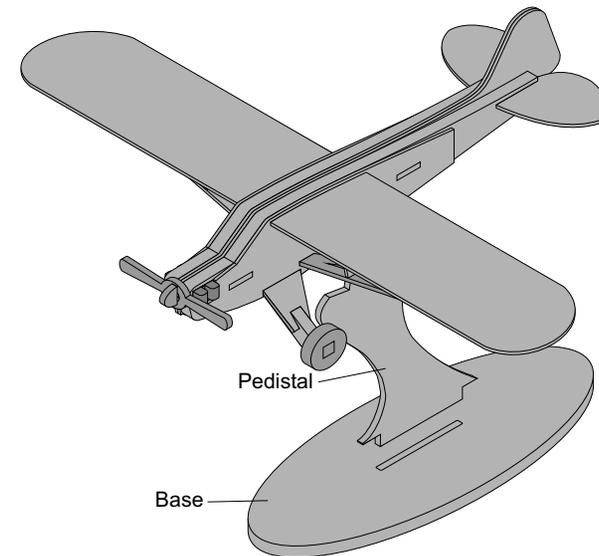
Step 4
Final assembly



Step 2
Wings



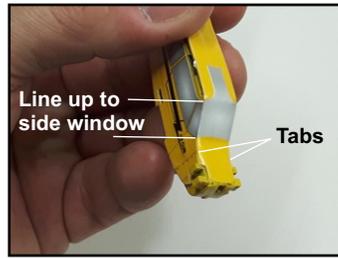
Step 5



Completed model 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.



Line up decal 6 with the side window to get the correct position. Wrap the little tab over the edge of cowling.

Applying decals

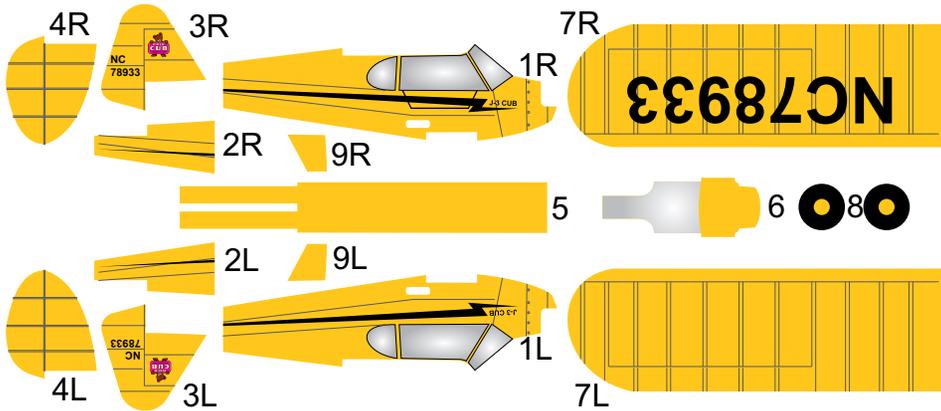
Tools needed to apply decals

- Scissors
- Utility knife

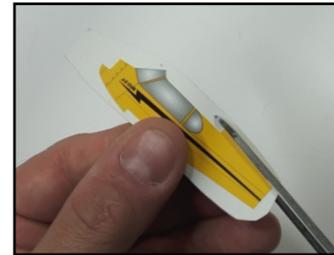
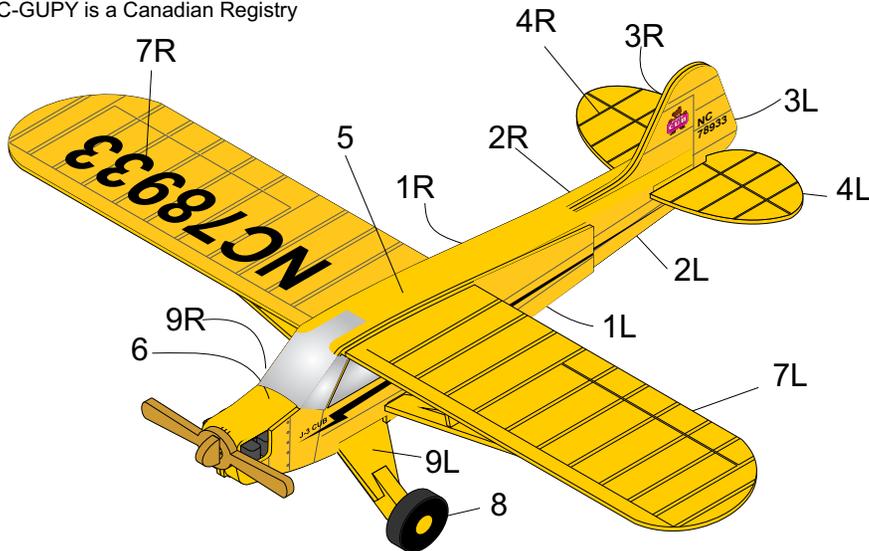
Make sure your hands are clean before applying decals. Avoid contact with the adhesive as this can cause the decal to lose some of its adhesion. Decals will adhere better to a smooth clean surface so we do recommend painting your model for best results.

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

Take your time.



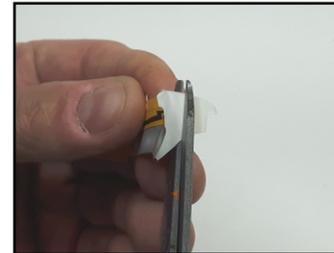
Option
 NC78933 is a US Registry
 C-GUPY is a Canadian Registry



Cut out each decals 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.

Piper Aircraft J-3 Cub

Suggested colours by Tamiya Model Paints

1 Yellow X8

Fuselage
Wings
Struts
Landing gear

2 Black XF1

Front and rear wheels
Propeller and spinner
Engine
Exhaust

Note:

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

