

DHC-2 Beaver



The Beaver was designed and built by De Havilland Canada to meet the needs of a short takeoff and landing aircraft. It also needed to carry heavy payloads into the bush country and land on water or land. The Beaver could be equipped with floats, landing gear with regular tires, tundra tires and skis. De Havilland had literally created the flying ½ ton pick up truck. In the period between 1947 and 1967 over 1600 Beavers were produced with many of them still flying today.

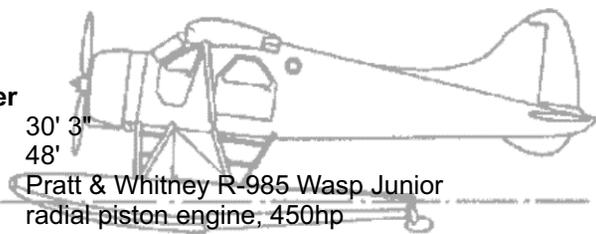
The markings in this kit are from the second unit produced. CF-OBS was purchased by the department of Lands and Forests in 1948. The plane played a role in the development of water bombing techniques. In 1953 the aircraft was used in test dropping 3-gallon water bags in salvos through a camera hatch in the bottom of the fuselage. In 1957 rotating roll over tanks were fitted mounted on top of the floats with scoops attached for filling up. The plane remains in this configuration and now resides at the Canadian Bushplane Museum in Sault St. Marie, Ontario.

DHC-2 Beaver

Length 30' 3"
Wingspan 48'

Power Pratt & Whitney R-985 Wasp Junior
radial piston engine, 450hp

Performance 163 mph
Numbers built 1,692



DHC-2 Beaver Water Bomber



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 2
Contains One Model Kit

OSBORN MODEL KITS
www.osbornmodelkits.com



KIT-6051

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 its 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

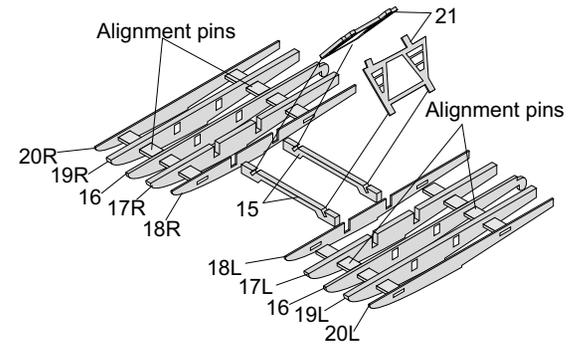
 Indicates part is a friction fit in order to hold in place

Recommended Tools:

Hobby Knife, Scissors, White Glue, 220 grit sandpaper

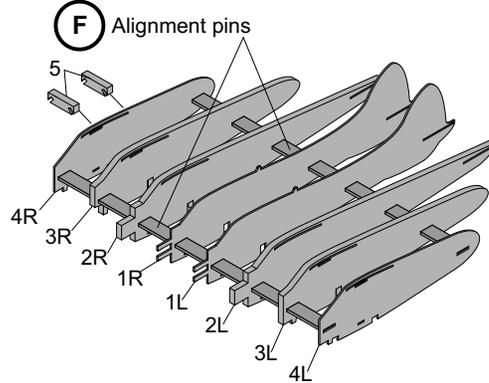
Step 3

Floats



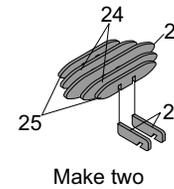
Step 1

Fuselage



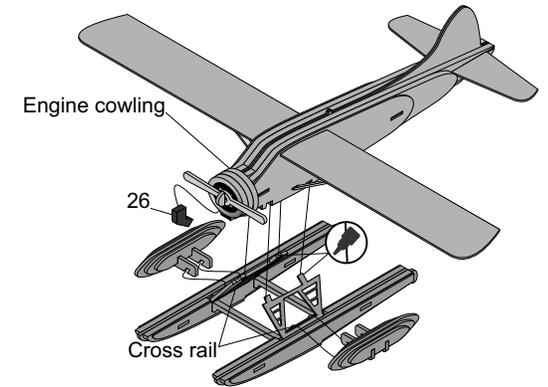
Step 4

Water tanks



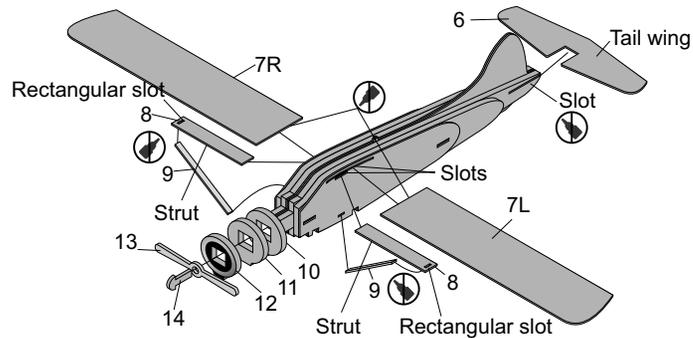
Step 5

Finale assembly



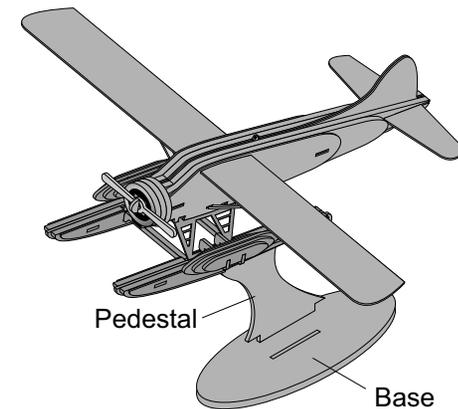
Step 2

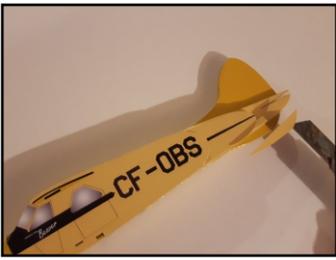
Wings and engine cowling



Step 6

Completed model ready for paint and decals. Please see separate sheet for paint and decal instructions.



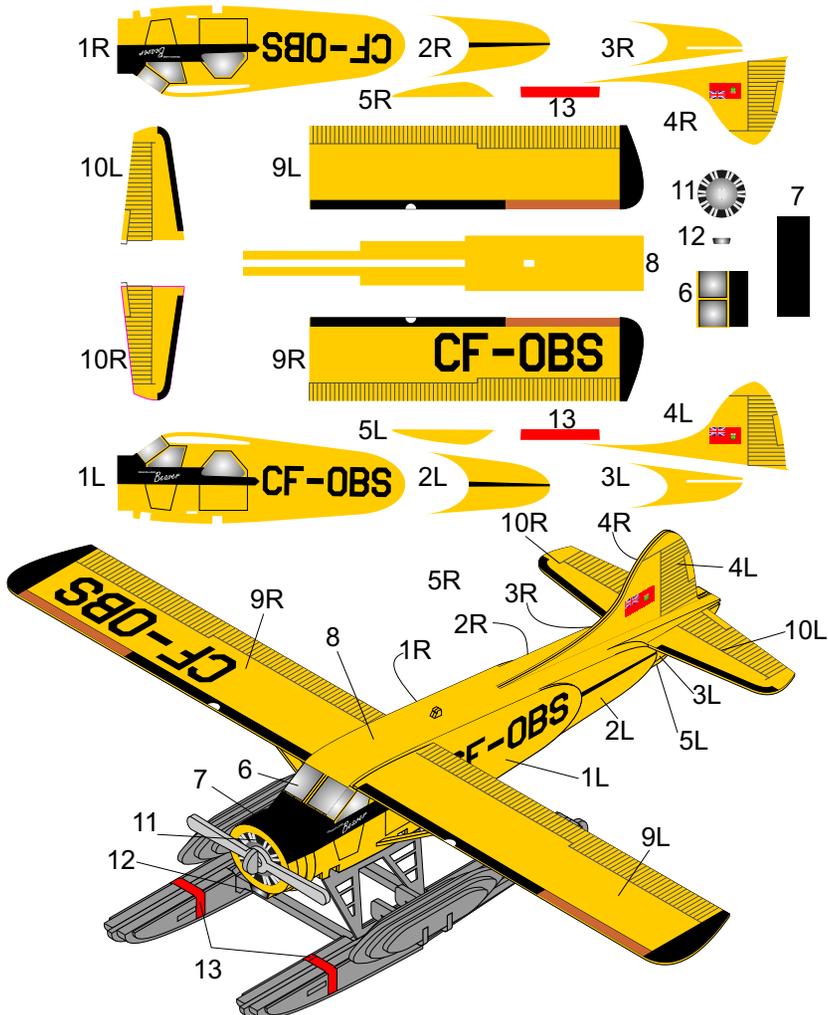


For small decals you may use a small utility knife to remove them from the backing and place in position.

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 the main and tail wings, the floats and wing struts, and Propeller to apply some of the decals.

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.



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

Colour Scheme of DHC-2 Beaver Water Bomber

Suggested colours by Tamiya Model Paints

1 Yellow X8

Fuselage
Wings
Wing struts

2 Black X1

Wingtips
Leading edge of wings
Exhaust pipe

3 Red X7

Leading edge of front wing

4 Aluminum XF16

Propeller and spinner
Floats and water tanks
Float struts



Note:

Model should be painted Yellow before adding decals.

