DHC-2 MkIII Turbo Beaver

The Beaver was designed and built by De Havilland Canada to meet the needs for a short takeoff and landing aircraft. The specifications required it to be able to carry heavy payloads into bush country. It also needed to be able to operate on water or land. The Beaver has exceptional short take off and landing capability (STOL) performance, all-metal construction and accommodates many features sought by the operators of bush planes. It is able to be equipped with floats, landing gear with regular tires, tundra tires and skis. De Havilland had literally created the ½ ton pick up truck of the skies! De Havilland had great success with exports sales to many countries including the United States buying a total of 970 units. Between 1947 and 1967 over 1600 Beavers were built. In the later stages of production De Havilland Canada developed the Mk.III Turbo Beaver. Many design changes were incorporated into the fuselage to allow for the Pratt & Whitney Canada PT6 turbo prop engine to be fitted. This also included a new larger vertical stabilizer for better stability. These design features gave the aircraft an overall performance increase and even more payload capacity. There were 60 Mk.III airframes that were built before production ceased in 1967. Today many Beaver can still be found performing the same role they were designed to do back in 1947.

The markings included in this kit represent airframe 1682TB50, originally registered as CF-OEW then changed in to C-FOEW in late 1979. It was delivered to the Province of Ontario, Department of Lands and Forests in June of 1968. It is still operated by the Province of Ontario, Ministry of Natural Resources on a regular bases and has spent it's entire service life in Sault Ste. Marie, Ontario area.

DHC-2 Mk.III Turbo Beaver

Length	30' 3"
Wingspan	48'
Power	Pratt & Whitney Canada PT6 turbo prop
Performance	Cruising speed 151mph
Numbers built	60

DHC-2 Mk.III Turbo Beaver

Featuring Livery of the
Province of Ontario,
Department of Lands and Forests

Wooden
Semi Scale Model Kit

Easy build sandwich construction

No special tools required

PAINT NOT INCLUDED

1:66 Scale

FOR AGES 10 AND UP

SKILL LEVEL 2

Contains One Model Kit

OMK
osbornmodelkits.com

Made in Canada

KIT-6068

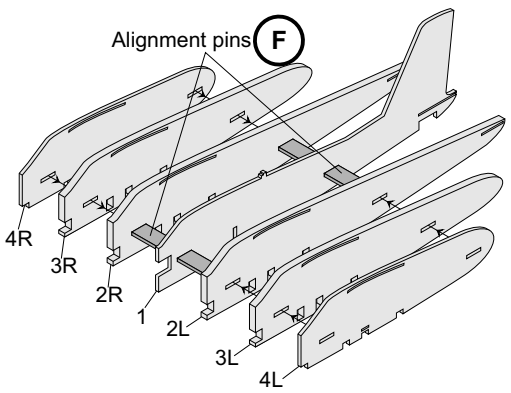
Building tips:
All parts will be a tight fit. If you find a part is too tight give it a bit of a sanding with 220 grit sandpaper. **DO NOT FORCE PARTS.** A hobby knife is suggested to cut the pieces from the part tree but most parts will break free easily. We recommend removing the burnt edge left by 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

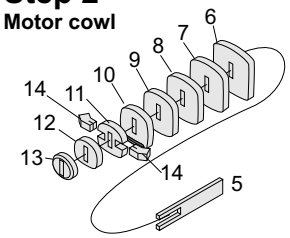
(F) Indicates part is a friction fit in order to hold in place

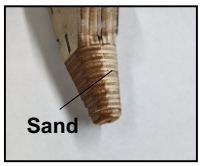
Recommended Tools:
Hobby Knife, Scissors, White Glue, 220 grit sandpaper

Step 1
Fuselage



Step 2
Motor cowl

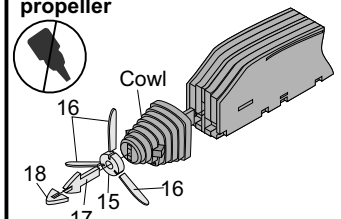




After cowl is complete, use the burn marking as a guide and sand smooth so that there is a prominent taper in the cowl.

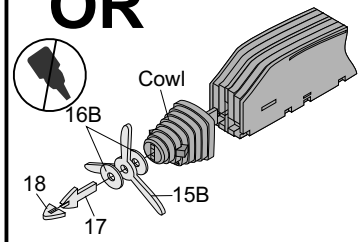
Step 3
propeller

Feathered propeller

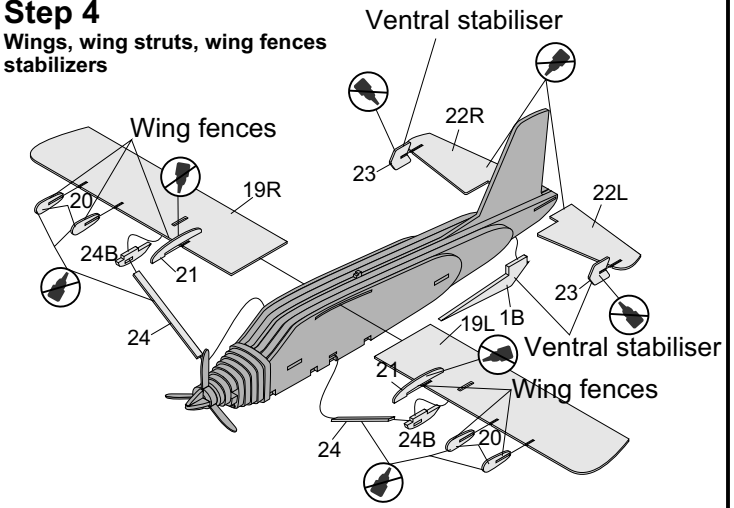


OR

Spinning propeller

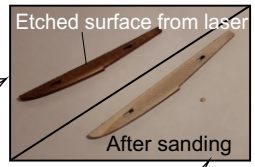


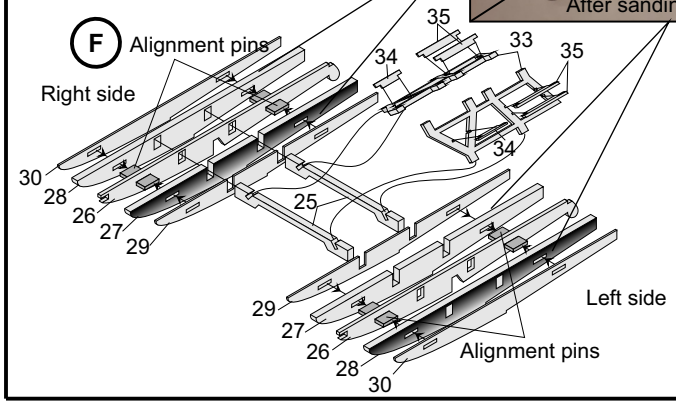
Step 4
Wings, wing struts, wing fences stabilizers



Step 5
Floats

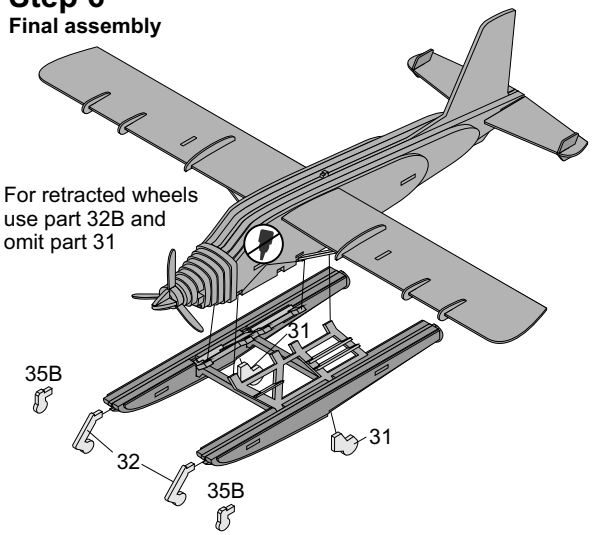
Note:
Face etched surface from laser out on parts 27 and 28



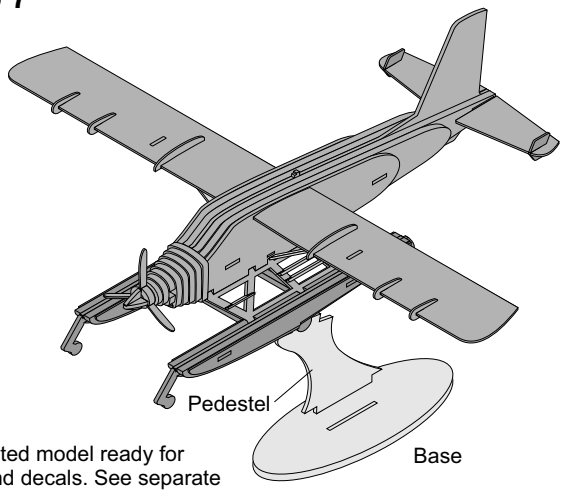


Step 6
Final assembly

For retracted wheels use part 32B and omit part 31



Step 7
Stand



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

Applying decals

Tools needed to apply decals

Scissors, Utility knife

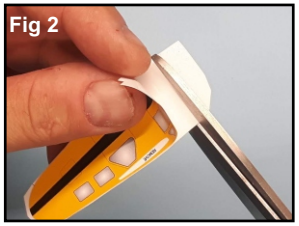
Make sure your hands are clean before applying decals. Avoid contact with the adhesive as this can cause the decal to loose some of its adhesion. Decals will adhere better to a smooth clean surface so we do recommend painting your model for best results.

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

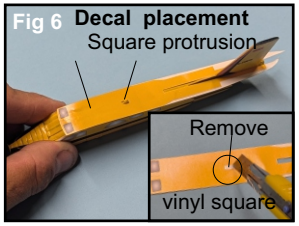
Note:

Paint fuselage and all flight surfaces yellow before applying decals. See other side of page

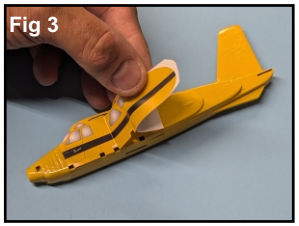
For small decals you may use a utility knife to remove them from the backing and place in position.



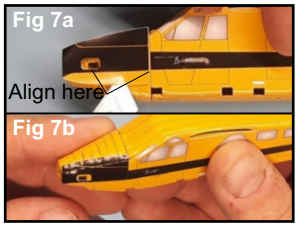
For the large decals, remove about a 1/4" of the backing and cut off with scisors.



Cut around decal then remove vinyl square. Peel backing off just past the square hole. Place decal over square protrusion to align the decal. Work from the front peeling off the remaining backing

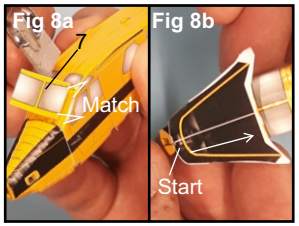


Place the exposed section on the surface making sure that your decal is properly aligned on the part.



Peel back a small section of decal. Align exposed edge with lines on decal 1. Peel backing off while gently rolling the decal around the side of the cowl. Repeat for the other side.

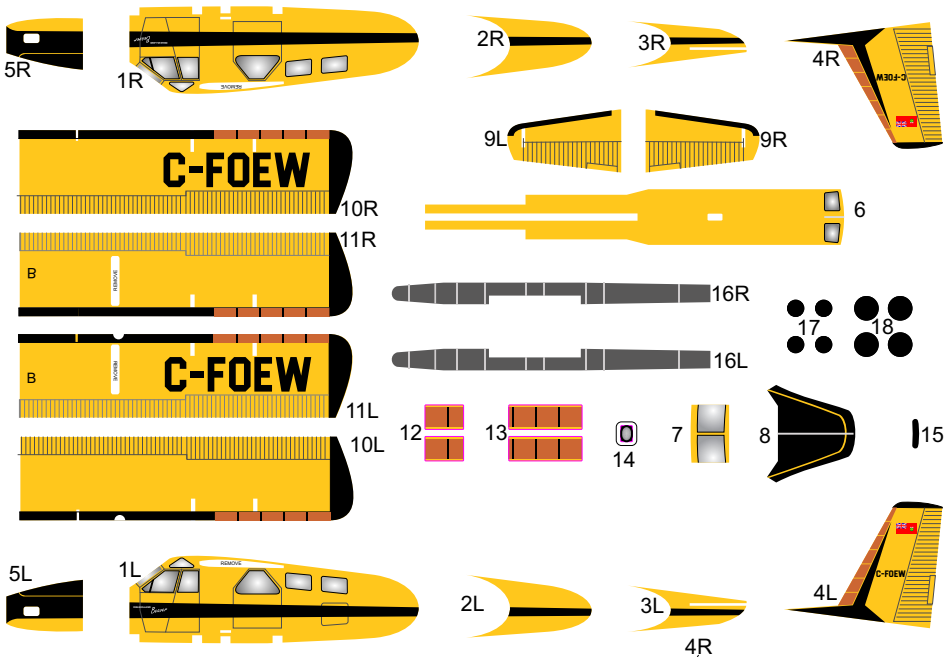
Slowly remove the backing by cutting in stages to make sure the decal is staying aligned on the surface.

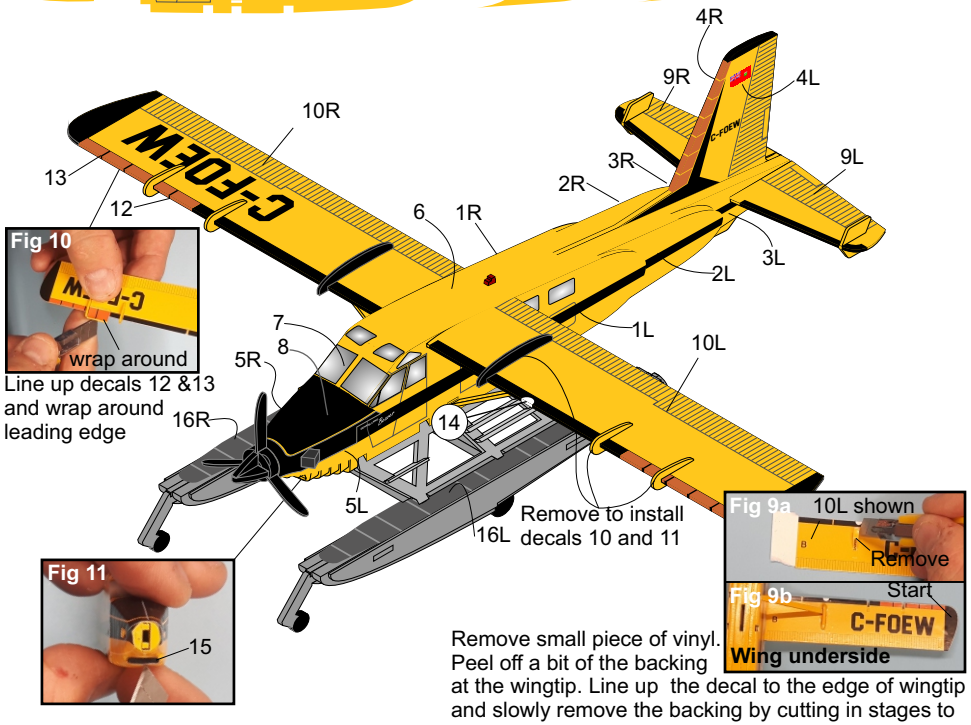


Decal 7 should be centered and match the side windows. Start decal 8 at the front and work to the back. Wrap around cowl.

Decals should be placed into position in numerical order. You will need to remove the wings and struts, rear ventral stabilisers, floats struts, Propeller and wing fences to apply some of the decals.

Take your time.





Line up decals 12 &13 and wrap around leading edge

Remove small piece of vinyl. Peel off a bit of the backing at the wingtip. Line up the decal to the edge of wingtip and slowly remove the backing by cutting in stages to make sure the decal is staying aligned on the surface.

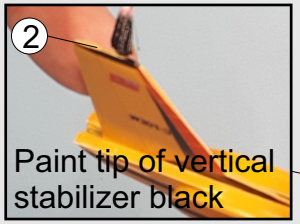
DHC-2 Mk.III Turbo Beaver C-FOEW

Suggested colours by Tamiya Model Paints

1 Yellow X8
- Entire fuselage including:
- Wings surfaces
- Wing struts
- Outer wing fences
- Ventral fins

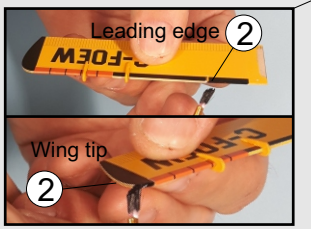
2 Black X1
- Wingtips
- Leading edge of wings
- Tip of vertical stabilizer
- Propeller and spinner
- Exhaust tips
- Float wheels
- Inner wing fences

3 Aluminum XF16
- Floats and Float struts
- Front retractable wheels

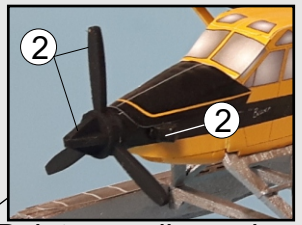


Paint tip of vertical stabilizer black

Note:
Model should be painted Yellow before adding decals.



Touching up leading edge and wing tip with black



Paint propeller, spinner and exhaust black