

Chance Vought Corsair Mk IV



The Chance Vought F4U Corsair was a US Navy land and carrier-based fighter aircraft of World War II. It was powered by the most powerful radial engine of the time, the Pratt and Whitney R2800. The Corsair was also the first US Navy fighter to exceed 400mph in level flight. During carrier trials the Corsair was found to be difficult to land, the long nose on the Corsair didn't allow pilots to see the deck of the carrier on approach. Combine with a tendency to bounce on landing and a left wing stall made for a deadly combination. The US Navy decided to use the Corsair for land based operations until problems could be sorted out. The Royal Navy being in desperate need of a carrier based aircraft, took the Corsair to sea and developed a technique for landing. A curving landing approach was used to keep the carrier's deck in sight until the last moments before touchdown. This was later adopted by the US Navy. The Royal Navy started equipping squadrons with the MkII and MkIII in 1944 and the MkIV in early 1945. In order to store the Corsair below decks on the British carriers, 8" had to be clipped off the ends of the wings because of the low hanger height. This is one of the prominent features that distinguish the differences between the Royal Navy and US Navy Corsairs. With the main threat all but over in Europe the Royal Navy transferred a number of carriers to the Pacific Theatre 1945. Royal Navy Corsairs would work together with the US Navy to help achieve victory over Japan in August 1945.

The decals included in this kit are the markings of Canadian Robert Hampton Gray, Victoria Cross recipient. In the last days of WW2, Gray and eight others of 1841 squadron led a fighter sweep against Japanese warships. Gray spotted two escort ships and led his aircraft into the attack. Intense flak set his engine on fire, but Gray continued, dropping a 500-pound bomb into the escort ship Amakusa. The ship sank within minutes, Gray's aircraft rolled inverted shortly after releasing the bomb and crashed into the sea, he did not survive.

Corsair Mk IV Specifications

Length	33' 4"
Wingspan	41'
Power	Pratt & Whitney R-2800-8 radial engine, 2,000 hp
Performance	Max speed 417mph
Armament	6 50cal Browning machine guns

Corsair Mk IV

Featuring the markings of
Hammy Gray, Victoria Cross
recipient



Wooden Semi Scale Model Kit

Easy build sandwich construction
No special tools required
PAINT NOT INCLUDED

FOR AGES 8 AND UP
SKILL LEVEL 2
Contains One Model Kit

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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

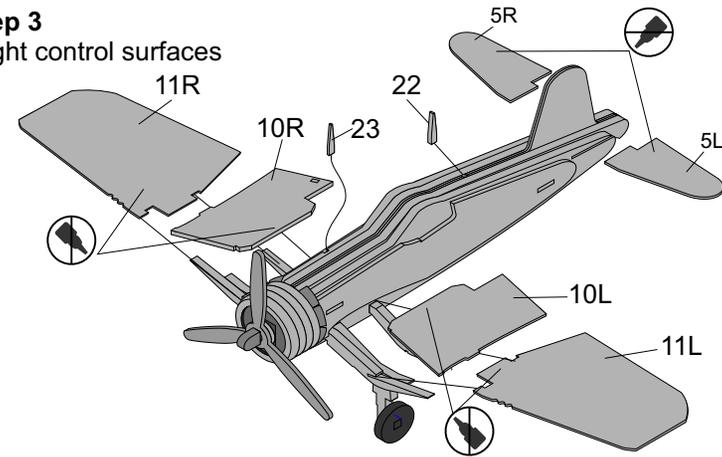
 Indicates do not glue part or assembly

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

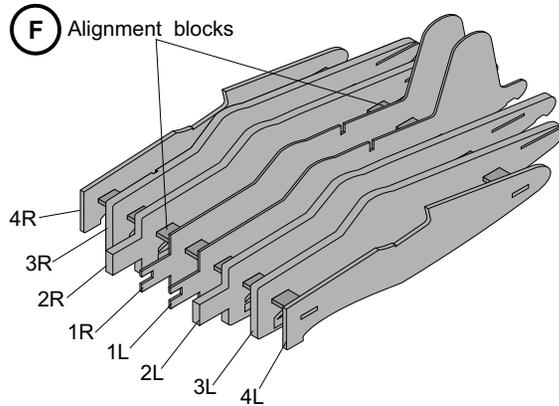
Recommended Tools:

Hobby Knife, Scissors, White Glue, 220 grit sandpaper

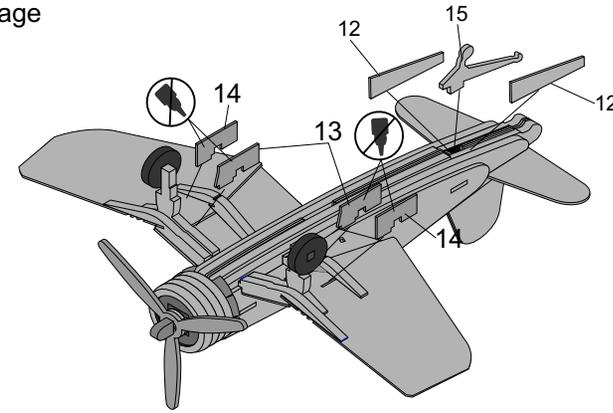
Step 3 Flight control surfaces



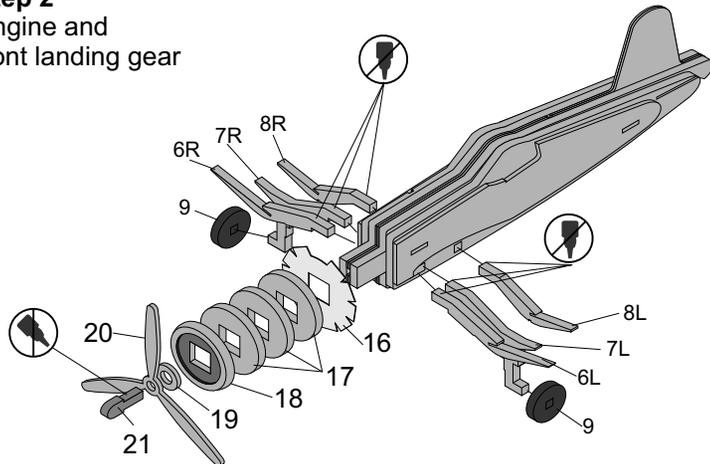
Step 1 Fuselage



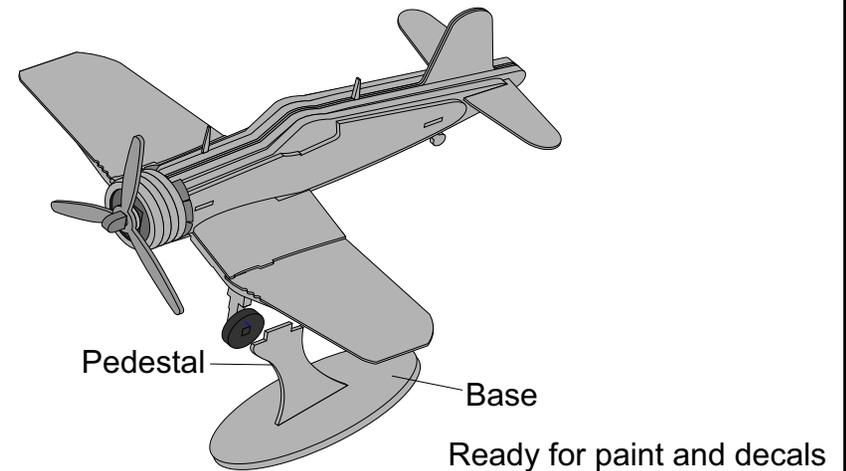
Step 4 Undercarriage



Step 2 Engine and front landing gear



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

Applying decals

Tools needed to apply decals

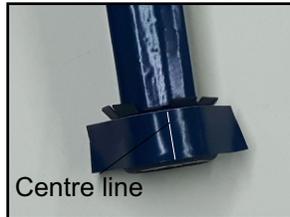
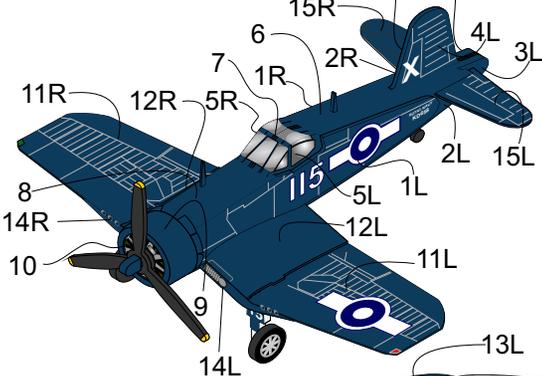
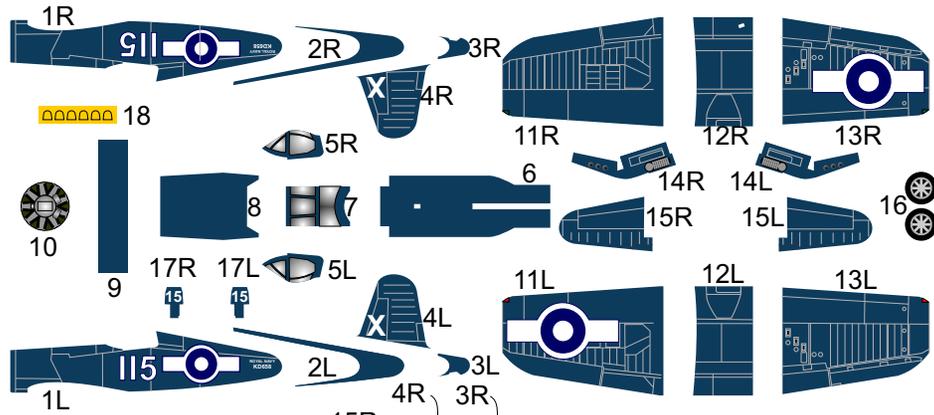
Scissors

Utility knife

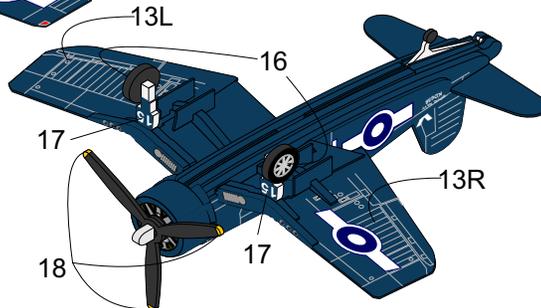
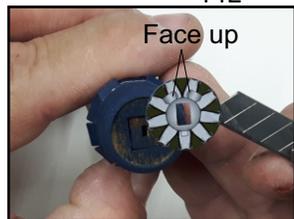
Make sure your hands are clean before applying decals. Avoid contact with the adhesive as this can cause the decal to lose some of its adhesion. Decals will adhere better to a smooth clean surface so we do recommend painting your model for best results.

Decals should be placed into position in numerical order. You will need to remove wing surfaces, propeller assembly, and landing gear to apply some of the decals.

Take your time.



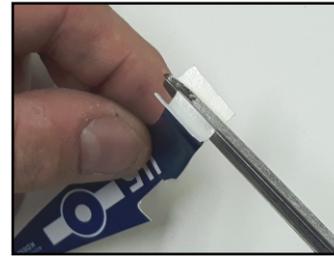
Centre the decal at the top then wrap around cowl



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

Note:

Paint all upper and under surfaces blue



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.

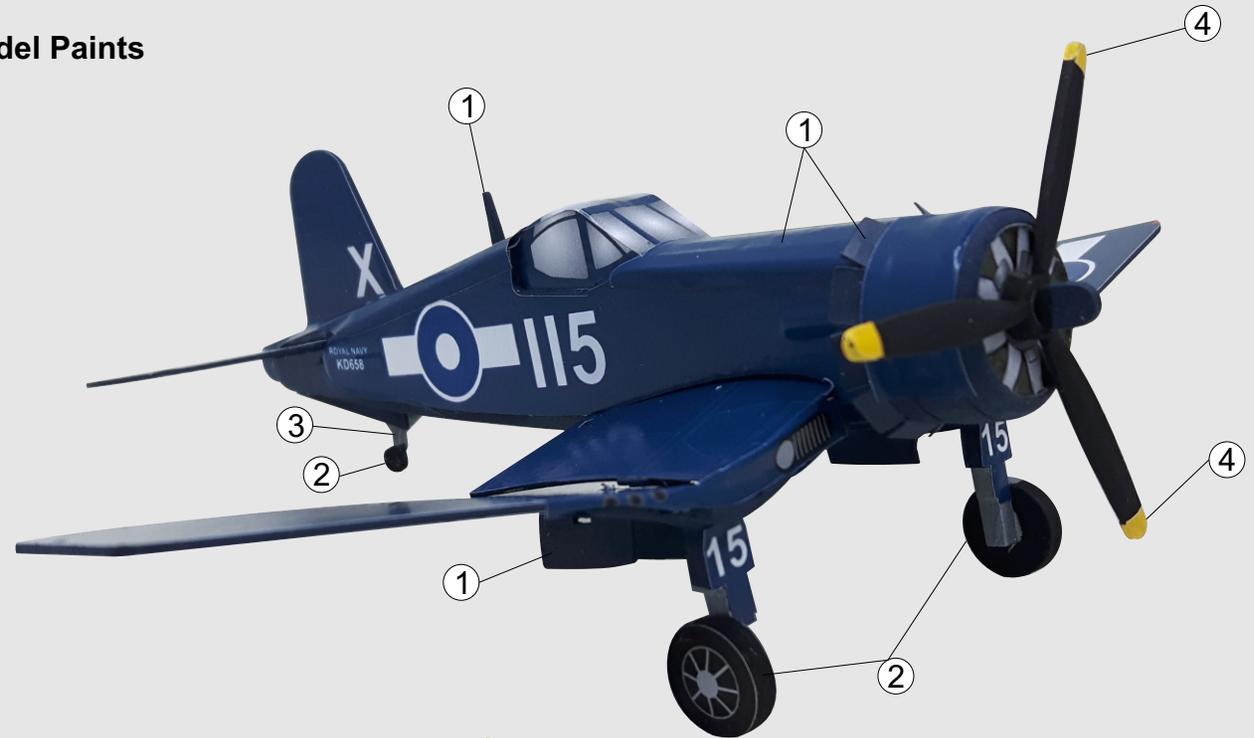


Slowly remove the backing by cutting in stages to make sure the decal is staying aligned on the surface.

Colour Scheme of Corsair Mk IV KD658

Suggested colours by Tamiya Model Paints

- 1 Dark Blue XF8**
All upper and lower surfaces
Radio antenna
Propeller hub
Cowl flaps
Landing gear doors
- 2 Black XF1**
Wheels
Tail wheel
Propeller blades
- 3 Aluminum XF16**
Front and rear landing gear
- 4 Yellow X8**
Propeller tips



Model should be painted before adding decals.

