

CH-146 Griffon

Search And Rescue



The CH-146 is the Canadian military designation for the Bell 412CF, a modified Bell 412, ordered by Canada in 1992. The order of 100 CH-146 were built in Mirabel, Quebec, at the Bell Canadian plant. They were delivered between 1995 and 1997 in one of two configurations, for combat support and search and rescue missions. The aircraft is very versatile allowing it to be adapted to a specific mission. Minor disassembly also allows the aircraft to be transported by a C-130 Hercules or C-177 Globemaster III aircraft for long-distance deployment. The CH-146 have been deployed in various operations throughout the globe. This ranges from humanity missions in places like Haiti or tactical support in Afghanistan. The markings included in this kit are from 424 Squadron SAR which operates out of CFB Trenton.

Bell CH-146 Griffon Specifications

Length	56'
Rotor diameter	45' 11"
Power	2 Pratt & Whitney Canada PT6T-3D turboshaft engines rated at 900SHP
Performance	160mph
Roll	Search and Rescue

CH-146 Griffon

Search And Rescue

Featuring markings from 424 Tiger Squadron



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 3
Contains One Model Kit



KIT-6062

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



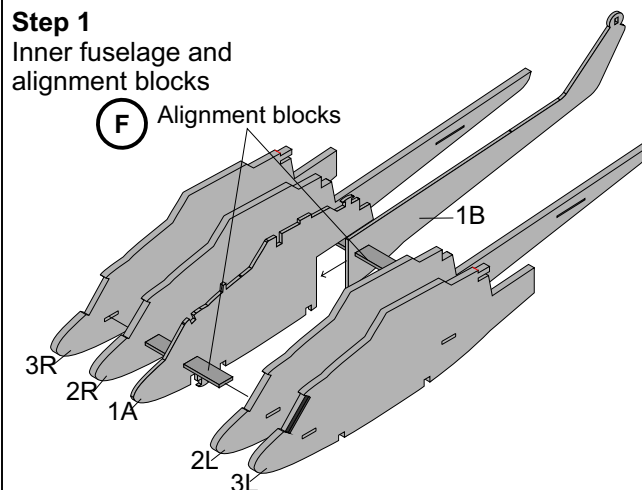
Indicates part is a friction fit in order to hold in place

Recommended Tools:

Hobby Knife, Scissors, White Glue, 220 grit sandpaper

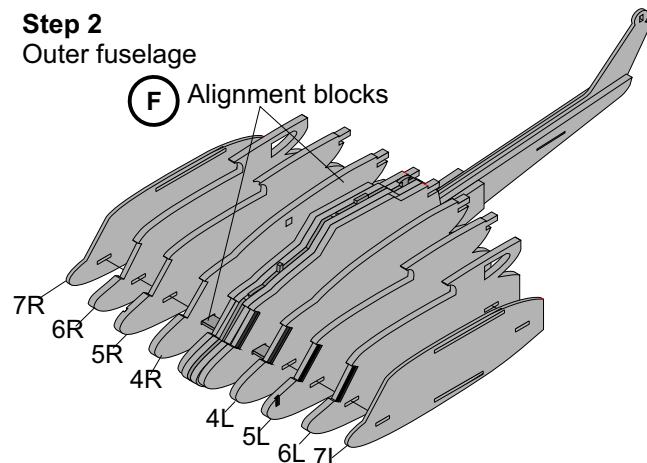
Step 1

Inner fuselage and alignment blocks



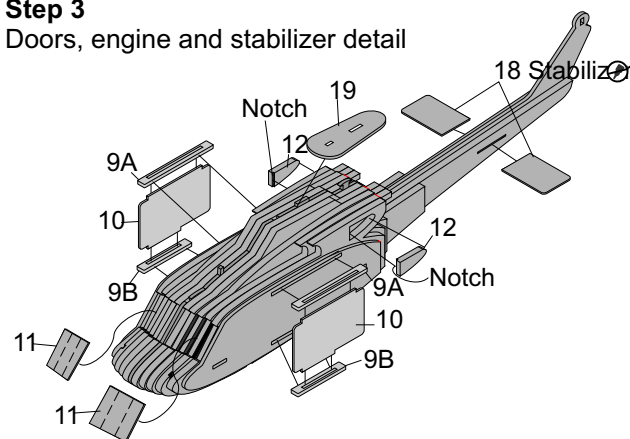
Step 2

Outer fuselage



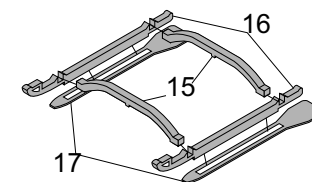
Step 3

Doors, engine and stabilizer detail



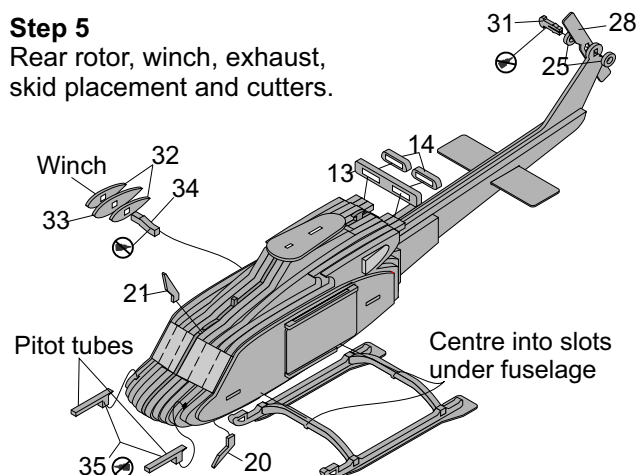
Step 4

Skid



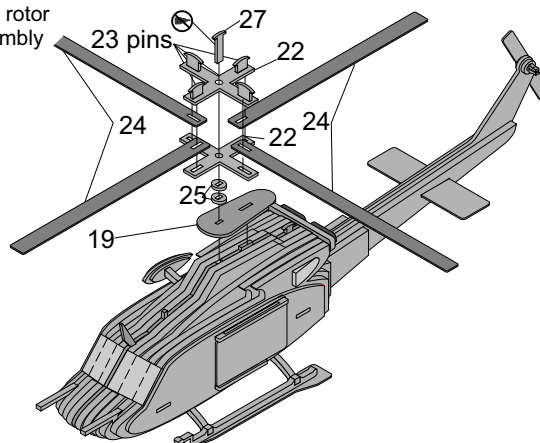
Step 5

Rear rotor, winch, exhaust, skid placement and cutters.



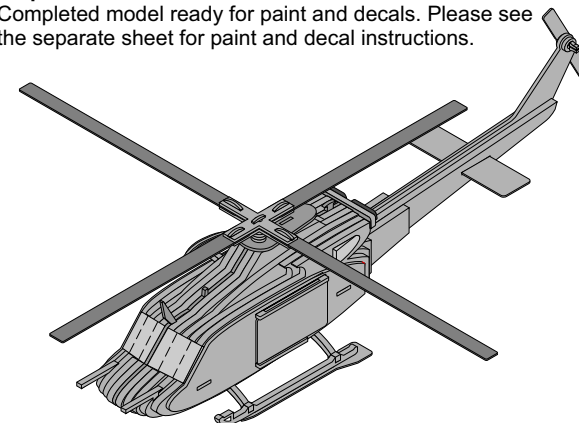
Step 6

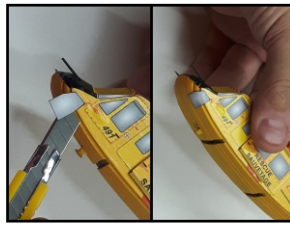
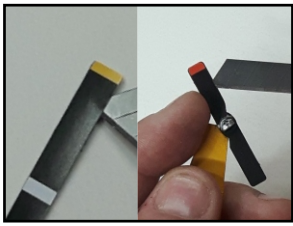
Main rotor assembly



Step 7

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





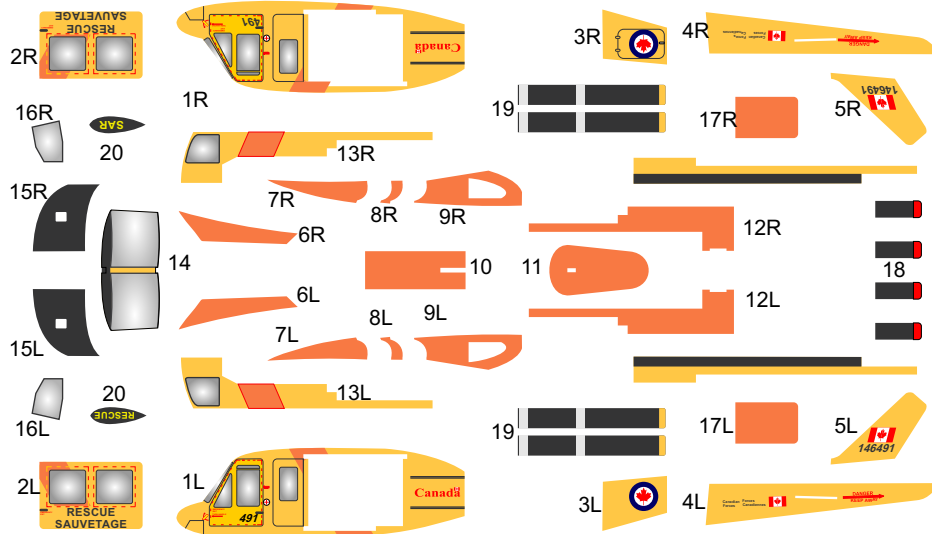
Place decals onto ends of rotor blades

Line up 16 to the mark on decal 1
and wrap around bottom. Repeat
on other side

Note:

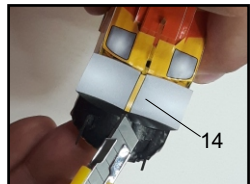
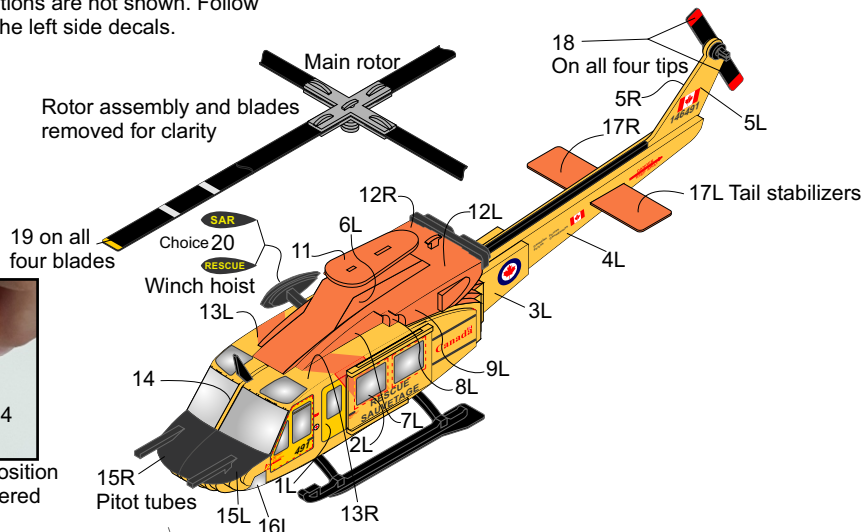
You will need to remove the following parts to allow for decal placement. Main rotor, Tail stabilizers, Pitot tubes and Winch hoist. Decals should be placed into position in numerical order.

Take your time.



Note:

Right side decals positions are not shown. Follow same positioning as the left side decals.



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.



Use a utility knife to help push decals into tight spots and corners



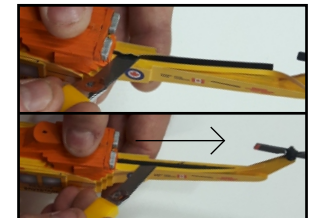
For the large decals, remove about a 1/4" of the backing and cut off with scissors.



Remove precut piece of vinyl for stabilizers.
Place decal into position keeping the
decal aligned with the edges of the part.



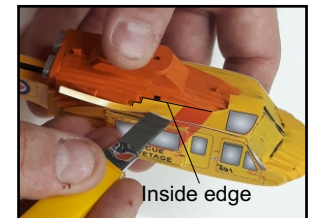
Place the exposed section on the surface making sure that your decal is properly aligned on the part.



Working from front to rear, place decal into position. Use the dull edge of a knife to crease the decal into position.



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



Start decal on the inside edges
working to the outside

Colour Scheme CH-146 Griffon Search And Rescue 424 Tiger Squadron

Suggested colours by Tamiya Model Paints

- 1 Yellow X8**
Fuselage
- 2 Black X1**
Main and tail rotor blades
Landing skid
Pitot tubes
Wire cutters
- 3 Red X7**
Tail stabilizers
Upper engine area
- 4 Aluminum XF16**
Exhaust tips
Main rotor centre

Note:
Model should be painted before
adding decals.



Paint upper engine section red

