

CT-114 Tutor



Most people will recognize the CT-114 Tutor as the plane used by the Canadian Air Forces aerobatic demonstration team the Snowbirds. Built by Canadair, the Tutor was used as the primary jet trainer for the CAF from 1961 till 2000 when it was replaced by the CT-155 Hawk. After the Tutors retirement the airframes were placed in storage to be used as spare parts and training. This has allowed the Snowbirds demonstration team to keep using the Tutor and will likely be used till the airframes are worn out. The only export for the Tutor was to the Malaysian Air Force of which 20 were purchased to be used as a ground attack support role.

CT-114 Tutor Specifications

Length	32'
Wingspan	36'
Power	Orenda J85-CAN-40 turbojet, 2,650lb of thrust
Performance	Max speed 486mph
Numbers built	212

CT-114 Tutor



Featuring markings of Canada's

Snowbirds

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-6045

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. 220 grit sandpaper may be used to remove unwanted burn marks. A white glue may be used for assembly if desired. Any black substance that gets on your hands is non toxic and can be removed with soap and water.

Step 1

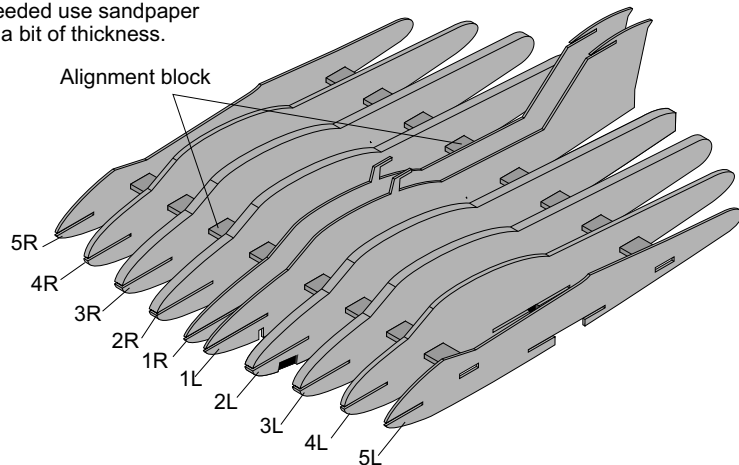
Fuselage

Note:

Alignment blocks should have just enough friction to hold parts in place. If needed use sandpaper to remove a bit of thickness.

Tip!

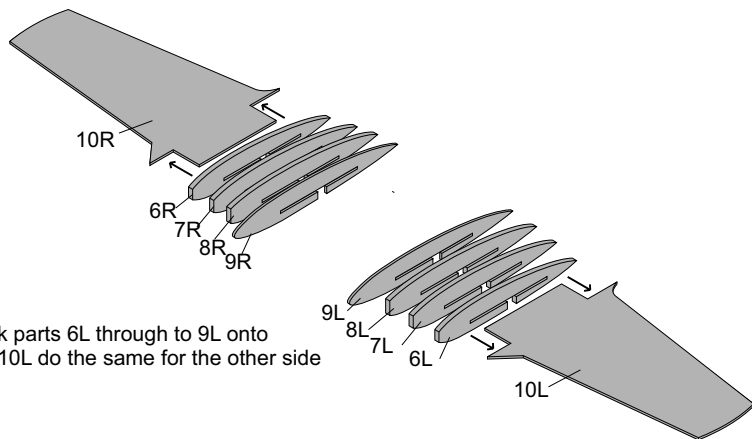
Lightly sanding alignment block edges will allow them to slide into place easier



Slide alignment block through parts 1L and 1R and centre them. Stack parts 2L through to 5L onto the alignment pins. Do the same with the other side.

Step 2

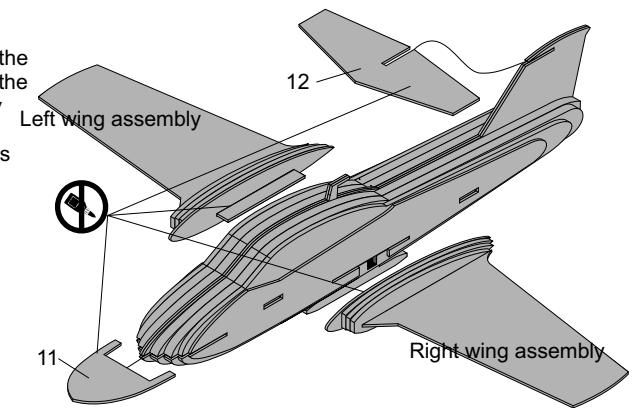
Wing Assemblies



Stack parts 6L through to 9L onto part 10L do the same for the other side

Step 3

Insert left and right wing assembly into the fuselage. Slide part 11 into the nose of the fuselage. Make sure it seats all the way into the slot. Place part 12 into the slot in the tail again making sure that it seats all the way into the slot.



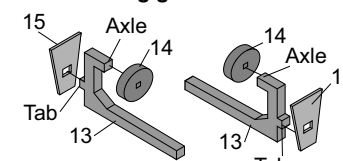
Do not glue any of the following parts in this step.

Note:

Do not glue any of these parts as they will need to be removed to add the decals

Step 4

Rear Landing gear



Slide part 14 onto the axle of part 13 then place part 15 onto the tab on part 13.

Step 6

Rear Landing gear placement

Insert rear landing gear into the square holes under wings. Then slide part 18 into the slots so that they sit on top of the landing gear

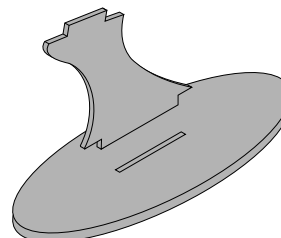
Note:

Do not glue any of these parts as they will need to be removed to add the decals

Front Landing gear placement

Insert front landing gear into square hole in the nose of the fuselage. Place part 19 in the slots beside the landing gear. Notch faces to the rear.

Step 7

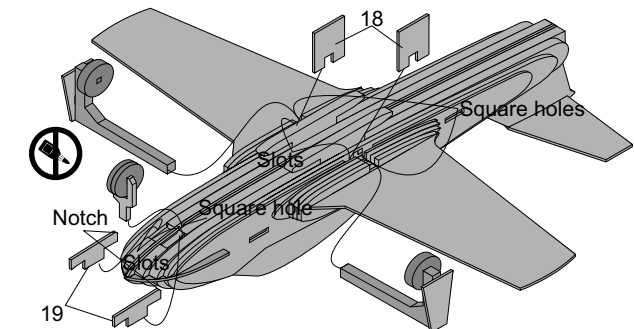
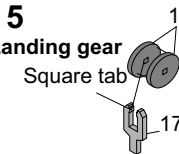


Place part 20 into the base to complete stand

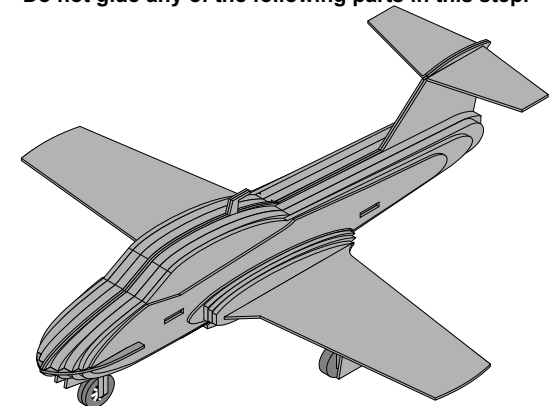
Step 5

Front Landing gear

Place one side of part 16 onto the square tab followed by the other side of part 16



Do not glue any of the following parts in this step.



Completed model ready for paint and decals. Please see the 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.

Applying decals

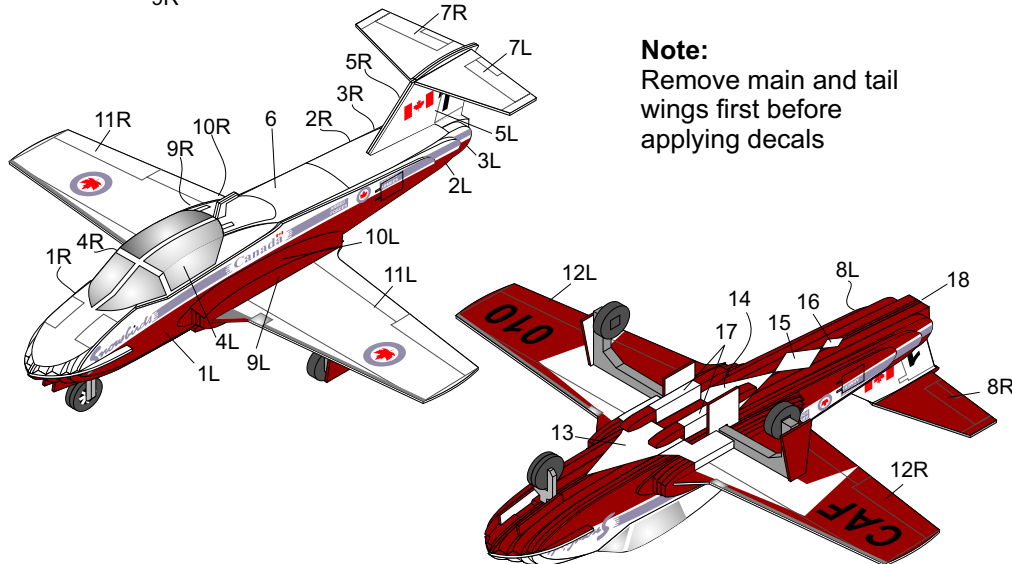
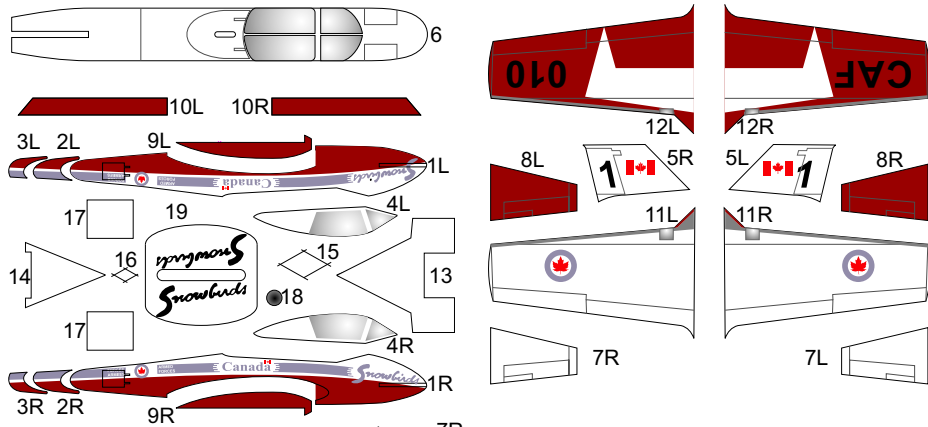
Tools needed to apply decals

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 the main and tail wings to apply the side decal.

Take your time.



Note:
Remove main and tail wings first before applying decals



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

Note:
Paint entire aircraft white 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.

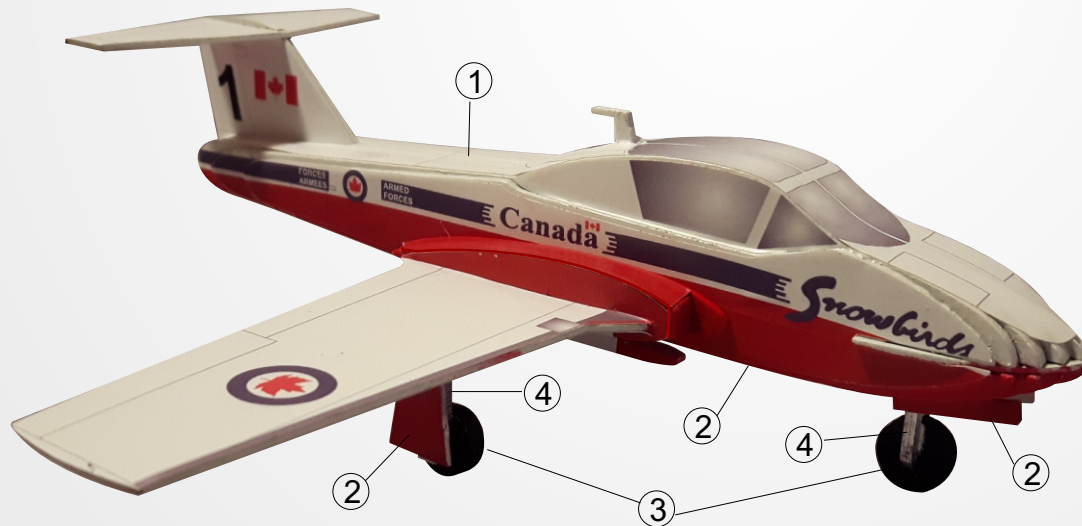
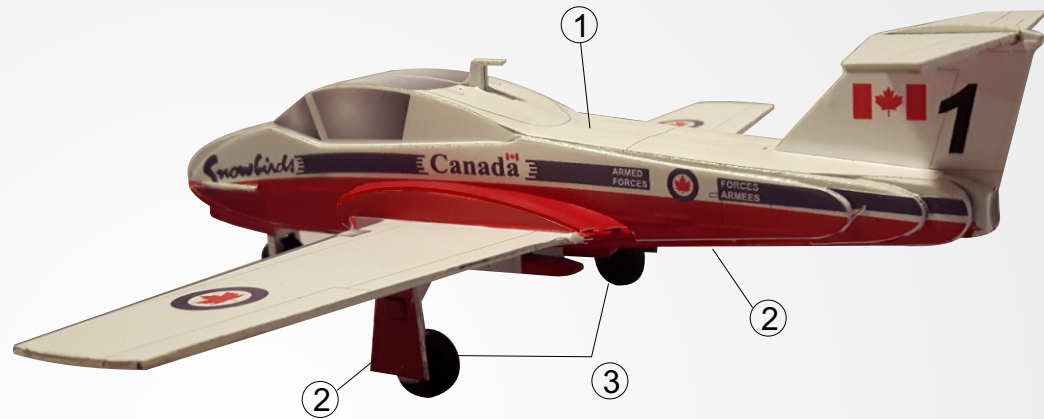


Slowly remove the backing making sure the decal is staying aligned on the surface.

Colour Scheme of CT114 Tutor Snowbirds Air Demonstration Plane

Suggested colours:

- 1 **White** 1145 Testors Model Paint
All upper surfaces
Inside of landing gear doors
- 2 **Red** 1103 Testors Model Paint
All under surfaces
Outside of landing gear doors
- 3 **Black** 1147 Model Paint
Wheels
- 4 **Silver** 1146 Testors Model Paint
Landing gear



Note:

Model should be painted before adding decals.
All upper surfaces should be White and all lower surfaces should be red.