

SCREAMING TOAD MODELS
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Set STM35001 – 1/35 CH-54 Seats, Pedals and Fans

Contents:

Forward Pilot / Co-pilot Seat - Pair

Aft Pilot Seat (in 2 Parts)

Tail Rotor Pedals - 2 pairs

Floor mounted fan x 2

1 mm balls for handle ends

Length of 0.3 mm brass wire

Note: Resin colour provided may vary



**PLEASE NOTE: These parts are small and delicate, and may be damaged by rough handling.
Handle gently and take your time to avoid any breakages and frustration.**

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Precautions:

These components are 3D printed using a UV curing resin.

They are intended for use by adult modellers only.

Use appropriate eye protection whenever cutting or trimming as parts can be brittle.

Take care when using any sharp tools such as scalpels or sprue cutters.

Any sanding should be wet to prevent airborne dust.

Keep items out of reach of children or pets.

Keep items out of direct sunlight until primed/painted.

PLEASE NOTE: Seat belts / Harnesses are not included and are to be provided by the modeller.

These can be scratch built using paper or foil.

Alternatively Eduard sell a photo-etched set either individually (33348) or within their SPACE set (3DL32015).

Belts are also provided as 3D printed decals in Kelik set K35009.

Tools required:

Pointed tweezers for handling of small parts

Fine sprue cutters for trimming of supports

Scalpel

Needle files or small sanding sticks for clean up

Sanding Foam pads

0.4, 0.8 and 1.5 mm drill bits mounted in a pin vise

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Pilot and Co-pilot forward seats

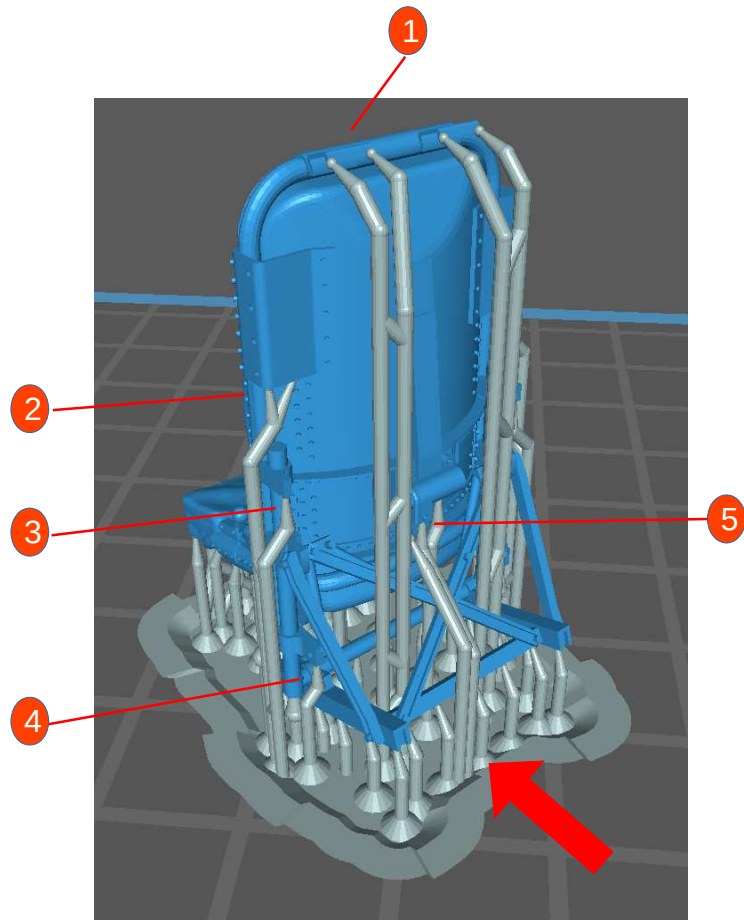
Note: Both forward seats are identical

Remove supports in the sequence shown.

Then remove the remaining supports by working from the back to the front of the seat:

Some fine layer lines from the printing process are visible on the seat cushions.

A light rub with a sanding sponge will remove these.



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Pilot and Co-pilot forward seats - continued

Drill out the 4 holes indicated using a 0.4 mm drill bit.

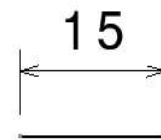
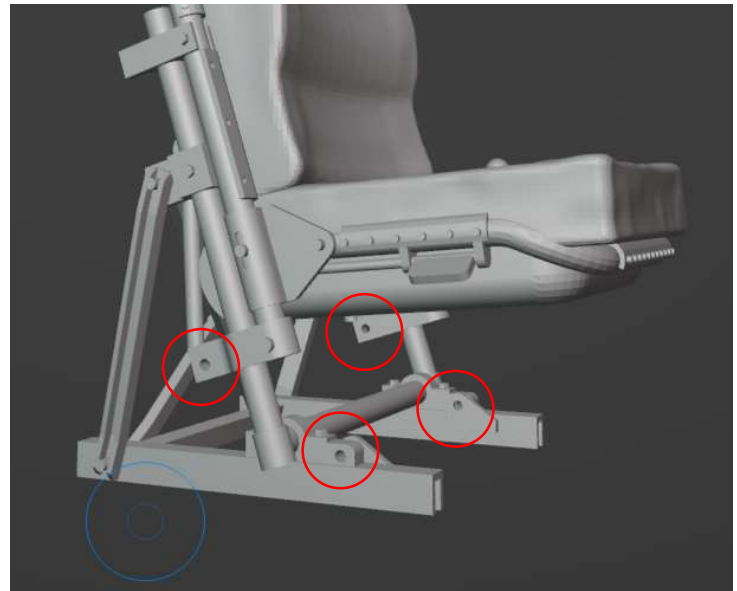
Cut and bend the supplied 0.3 mm wire to the two lengths shown below, and file the ends square. You will need two of each part.

For the handle grip, a 1 mm ball is provided (with some spares). Glue the ball to the end of the wire with instant glue (CA). A small depression is moulded on the top to assist location. Once the glue has cured, remove any excess printing support and sand to a round shape.

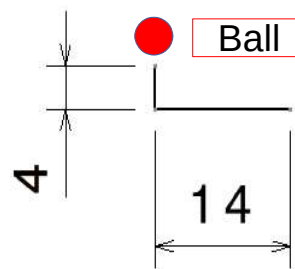
Apologies, this is very fiddly, hence the spares!

A drop of white glue on the end of the wire is an alternative.

Place the wires in the positions shown, and use a small amount of instant glue (CA) to secure in place.

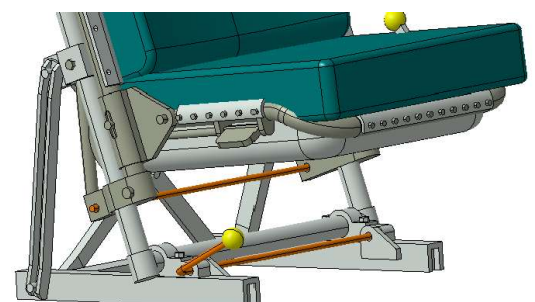
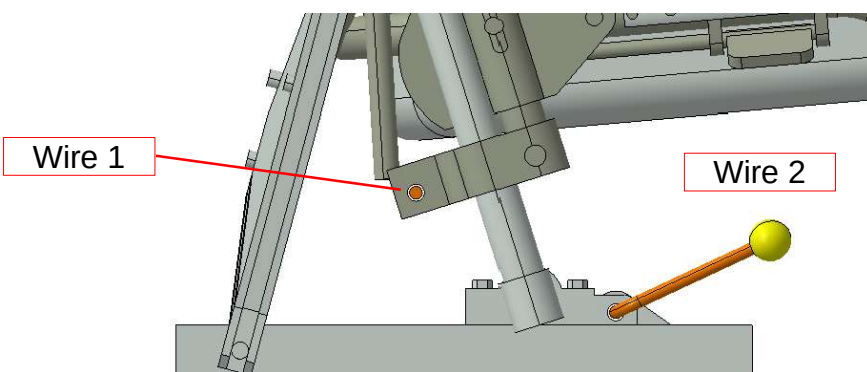


Wire 1



Ball

Wire 2



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Aft Pilot Seat

Trim the supports on the seat back in the sequence shown, then remove from back to front:

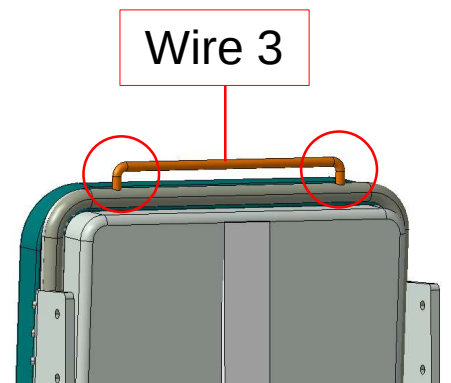
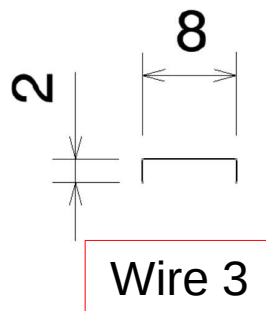
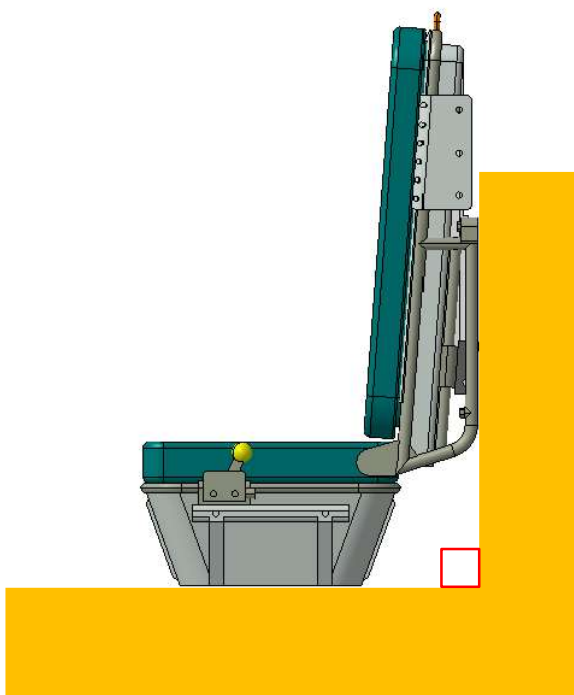
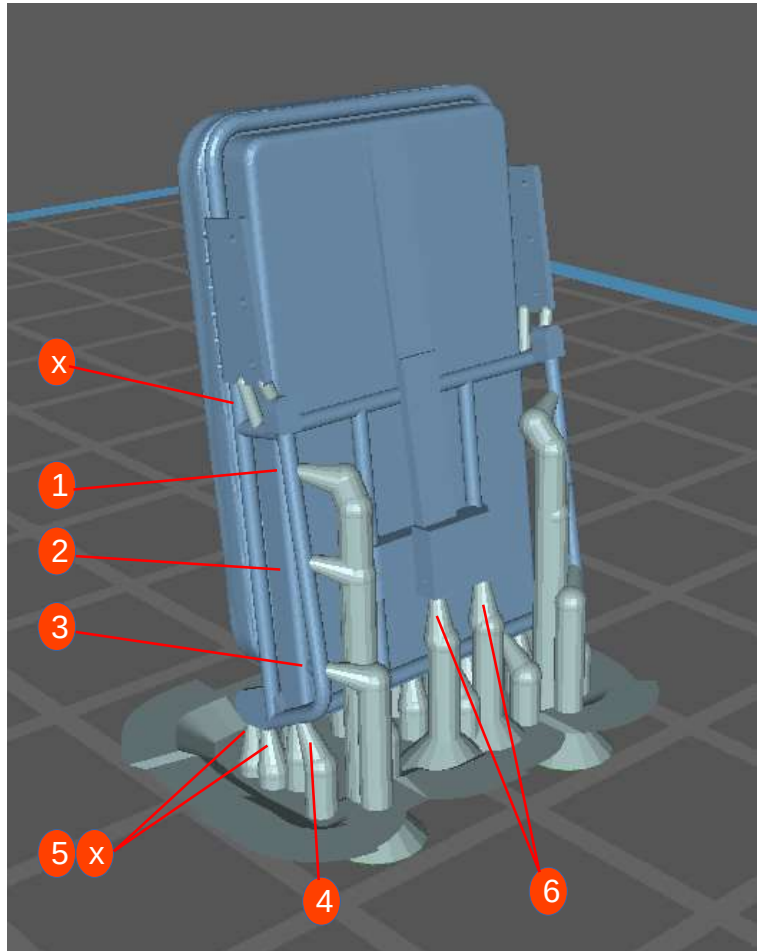
It is suggested to use a thin micro saw to remove the supports marked **x**.

For the seat base, trim supports in any sequence.

Glue both parts together using perpendicular surfaces (90 deg) as a guide.

Cut and bend the supplied 0.3 mm wire to the shape shown below. Drill 0.4 mm holes in the top of the seat – a small indent will be visible at each hole location.

Fit t A).



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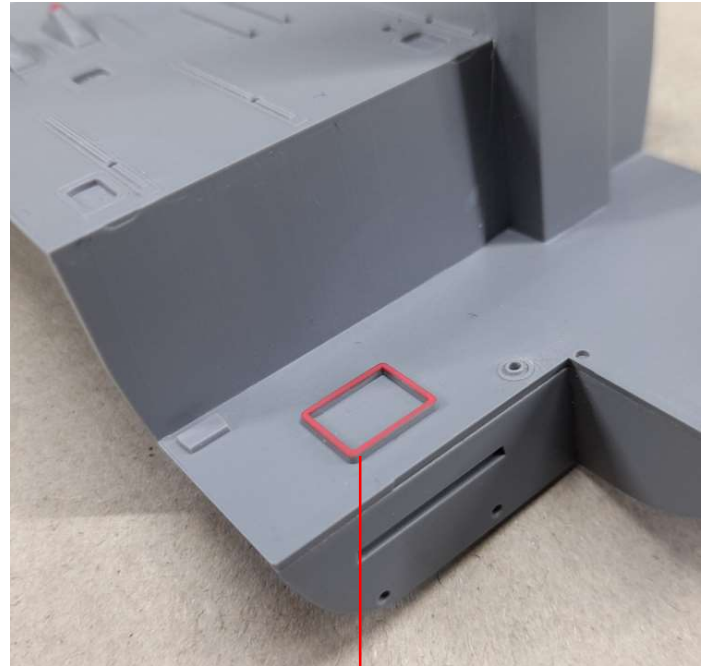
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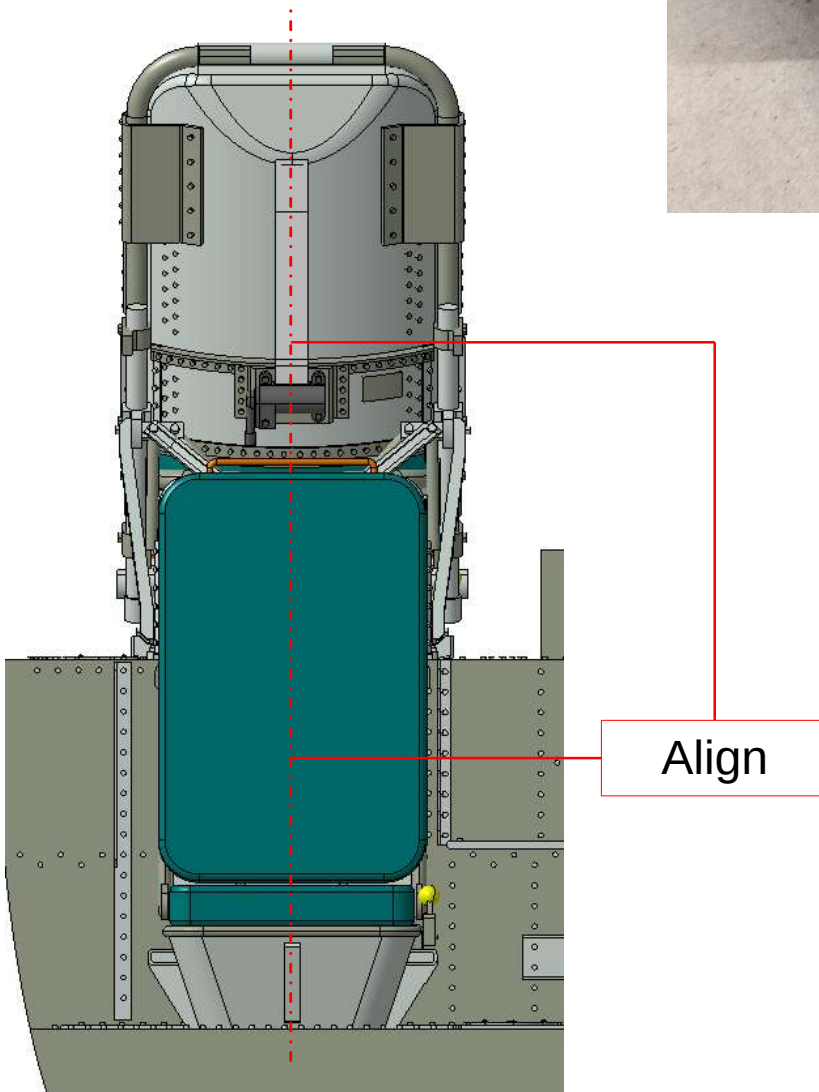
Aft Pilot Seat - continued

Remove the raised part shown to allow the aft seat to be fitted, as this seat has a smaller footprint than the kit part.

The seat should be aligned with the co-pilot seat in front. If adding the missing step between forward and aft decks, ensure the seat frame is next to the step edge.



Remove



Align

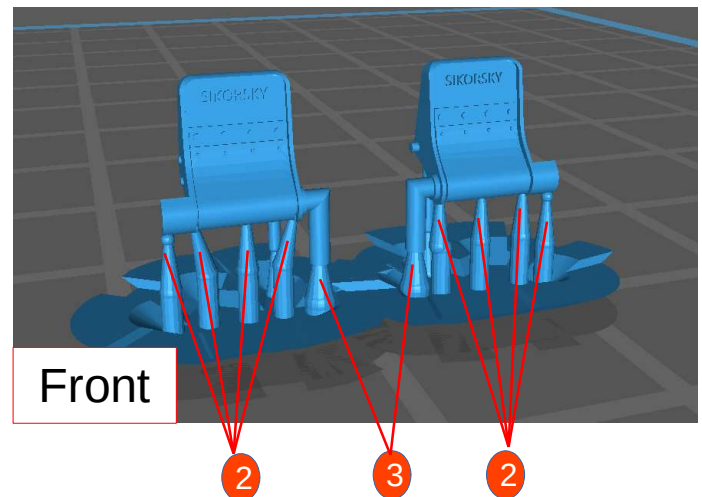
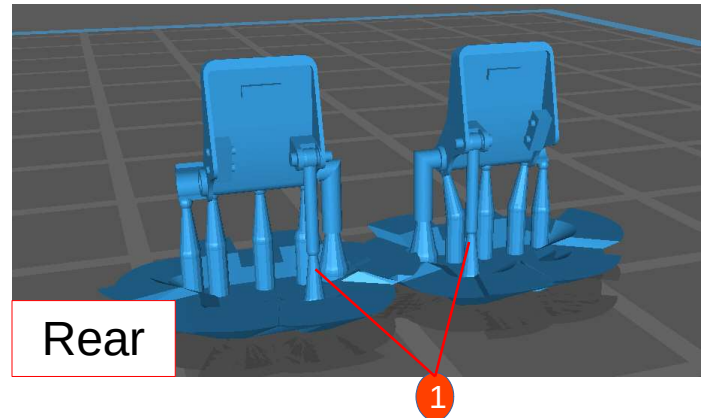
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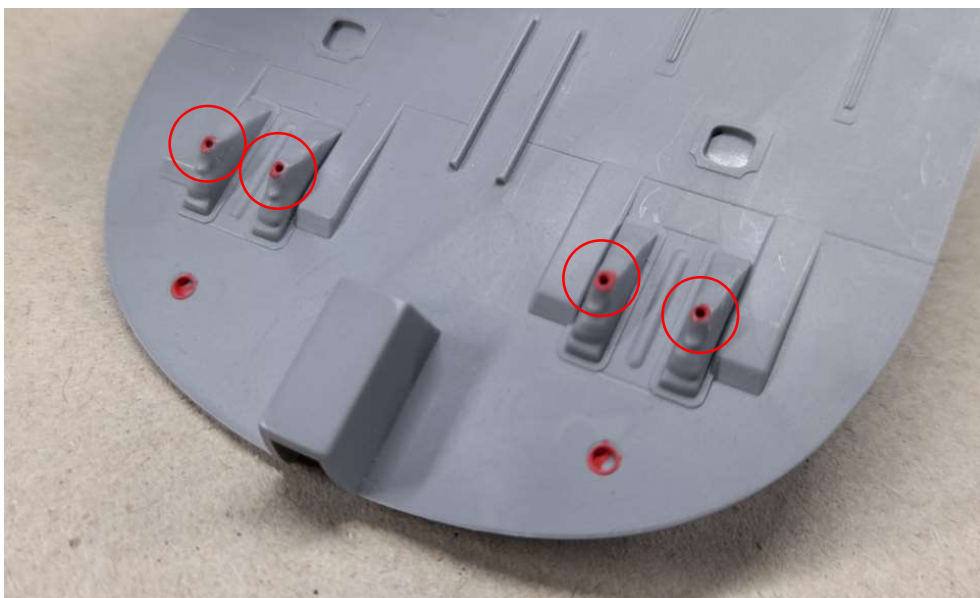
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Tail Rotor Pedals

Trim printing supports in the sequence shown:



Enlarge the locating holes in the kit cockpit floor to 0.8 mm and insert the pedals fully.



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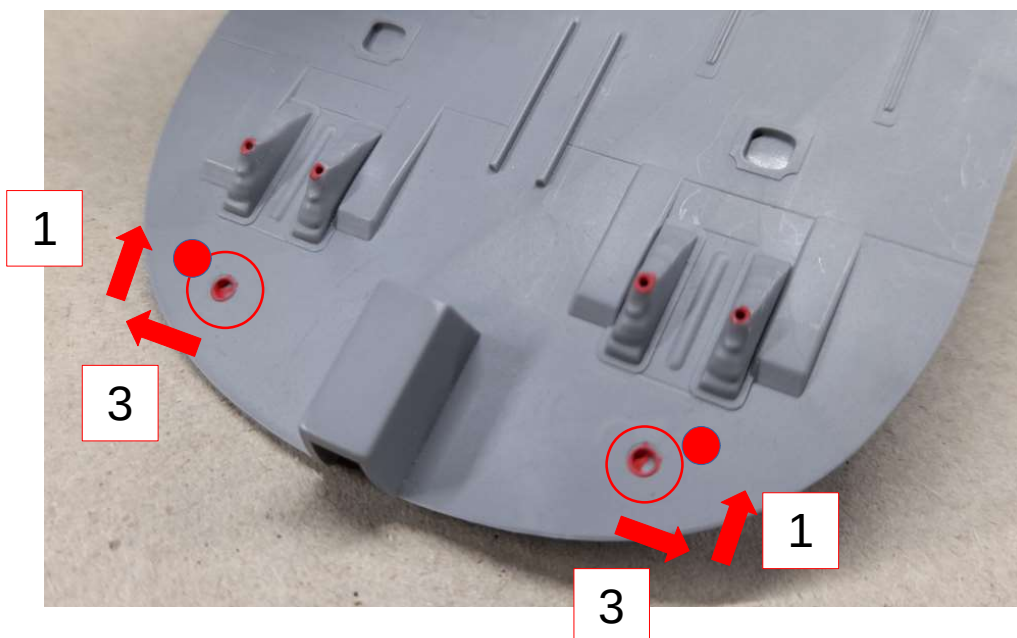
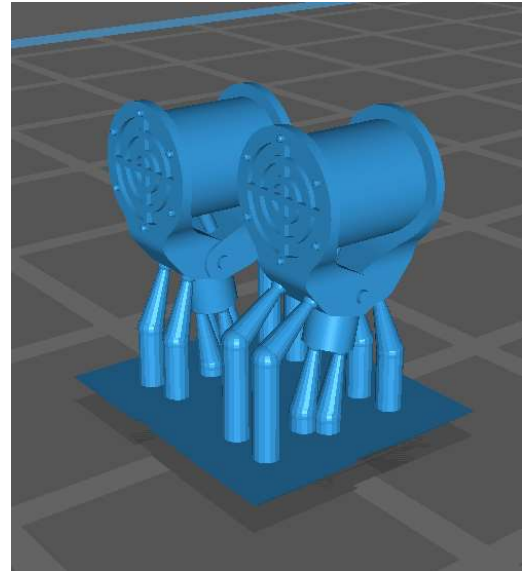
Floor Fan

Trim supports in any sequence:

Note the ICM kit has the floor fans in the incorrect location which half hides them behind the solid nose. They should be fully visible in the bubble windows.

Fill the kit holes and drill new 1.5 mm holes to position the fans as shown.

Aim the fans upwards towards the pilot/co-pilot seats.



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Painting

These parts can be painted using either enamel or acrylic hobby paints. It is recommended to apply a thin coat of primer beforehand such as Mr Surfacer. Consult your references for colour information.

Note Vietnam era aircraft typically had a light grey interior.

The round handles on the seats are painted yellow.

The seat belt retractors are black.

For the floor fans, a thin black wash and dry brushing is recommended to highlight the grill detail.

PLEASE NOTE: The kit seats are significantly undersized, and as a result after market seat belts are too short.

A length of belt is added to the seat to allow the belt Y section to be located correctly when draped over the top of the seat.

A step in this belt is positioned to suit the Kelik belts (with the black retractors trimmed off). This length of belt should be painted to match the belts you are using. Please consult your references.

Add belt
from here



Add belt
from here



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**Many thanks for your purchase.
Please follow my page on facebook to
keep up to date with what else I am
working on.
I have many other detail parts for the
ICM CH-54 kit in development (as
time permits...)**

**If you have any suggestions or issues
please message me via my facebook
page.**