



ON TARGET
Conversion Set

AIR-GRAPHICS
CS-21

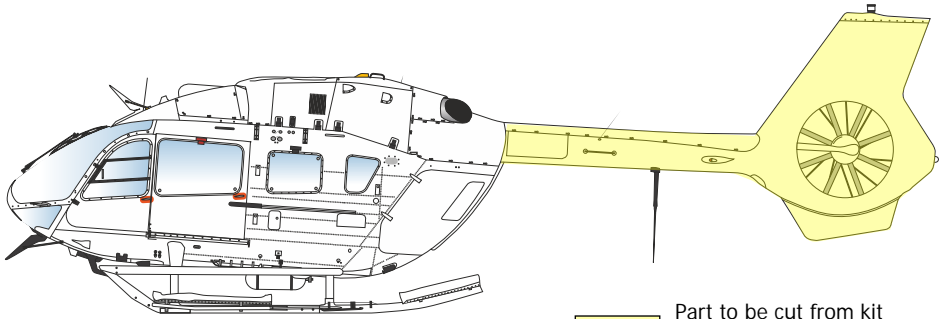


Jupiter HT.1

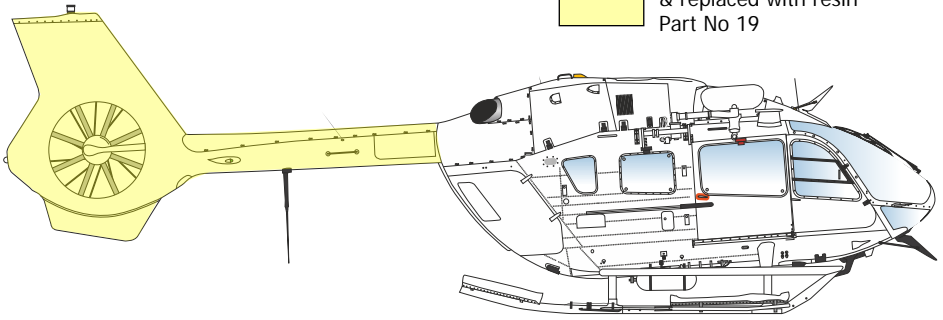
1:72
Scale

Airbus H145

AIR-GRAPHIC MODELS



Part to be cut from kit
& replaced with resin
Part No 19



Please note* we used but the Revell EC145 and the Heller UH-72A Lakota kit for this conversion. However, either kit can be used but the Heller kit has open doors.

Airbus H145 Jupiter HT.1

Drg No: CS-021 -01

Drawn: Gary Madgwick

© Copyright Gary Madgwick
Air-Graphic Models 2021

1/72 Scale @ A5

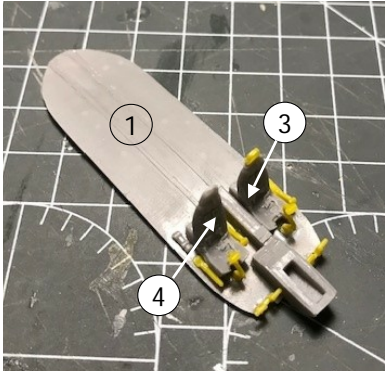
12/06/2021

1

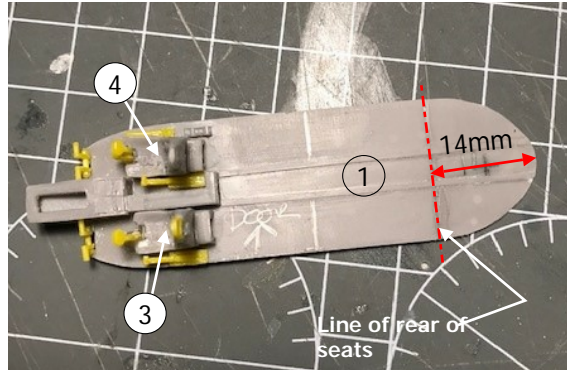
Interior Assembly

Use resin replacement floor Part 1.

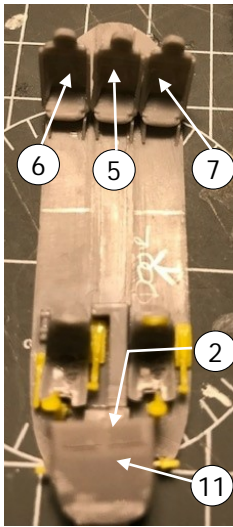
Note* Yellow are parts are from the Revell Kit.



1. Fit the Yellow kit parts to the Resin floor as per kit instructions.



2. Fit the two front seats, Parts 3 and 4. Whilst I have not shown this area painted, we would recommend painting at this stage.

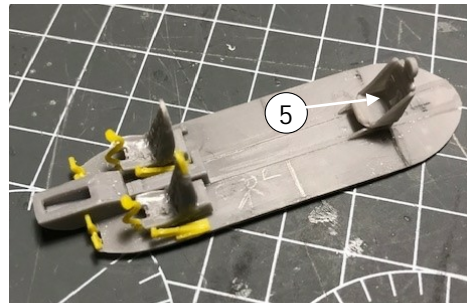


3. Fit instrument panel Part 2, into instrument panel Dash, Part 11. Note, I put a small amount of lead shot in the dash board before fitting the instrument panel.

4. Rear seats fitted, note, fit centre seat Part 5 first to ensure it sits on the floor raised lines. Fit seats 6 & 7. again paint this area at this stage.

Note* There are three extra seats which are sometimes carried backing onto the cockpit seats, with one seat sometimes just behind the sliding door. Parts 8, 9 & 10. I did not use these parts as I wanted to model as standard fit

Colours: Floor Dark Grey with black anti slip strips.
Instrument panel Black, all Levers, pedals and sticks are Black.
Cockpit seats have Medium Grey covers. Black headrests.
Seat belts are Black.
Rear seats are Medium Grey and Black with Black belts.
Side walls and roof are Dark Grey.



Pictures: Jupiter internal showing colours And details. Note jump seat. Pictures taken RIAT 2109 (Gary Madgwick)



2

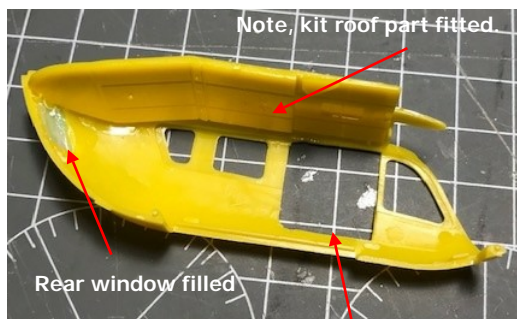
Alterations to main airframe.

Depending what kit you use will determine what works are needed.

Revell kit just needs the two rear clamshell door windows filled in.

Heller kit just needs the tail boom cut off.

I also cut out one doorway from the Revell kit.



Doorway cut out

Note* The Heller kit has both doors separate and are in clear plastic.

Note* I sprayed the Yellow plastic with Tamiya White Surface Primer before the cockpit was fitted. The internal airframe walls were then painted Dark Grey and detailed as required

3

Fit cockpit to main airframe.



Remember to fit the glazing before joining the fuselage together. Use Kristal Klear or similar to fix and then leave for a few hours to set.

Once this done, glue the two half's, fit the bottom fuselage plate from the kit and when all dry, fill and sand the joint lines as required. Very little work required!

At this stage, and before you fit the cockpit floor, flatten some lead weights and glue to the floor. I forgot to do this and the aircraft is now a tail sitter....

Fit the finished cockpit tub which fits easily into the fuselage through the front.

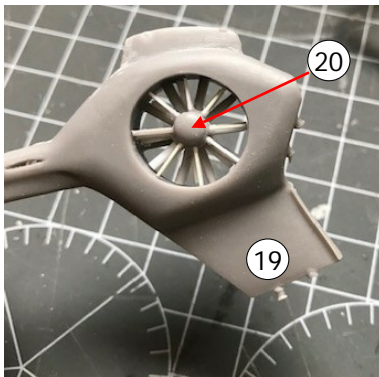
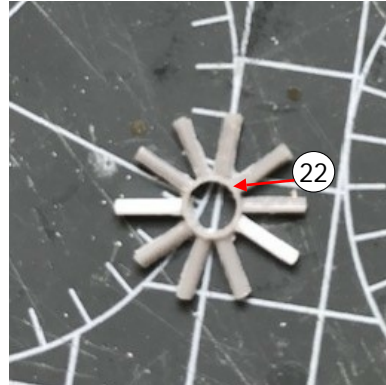
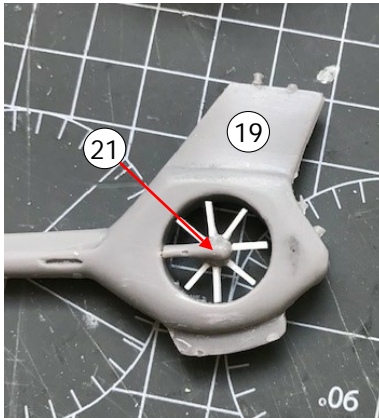
4

Fitting tail boom.

This was the stage that tried my patience so take care! Cut the tail boom Part 19 from the resin mould runner. Cut out the three tail fenestron fans, Parts 20, 21 and 22.

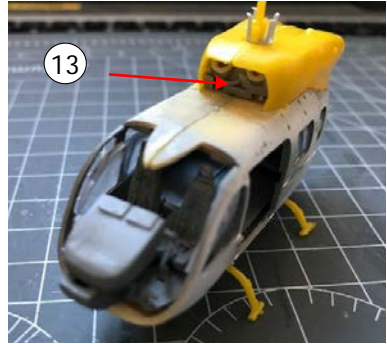
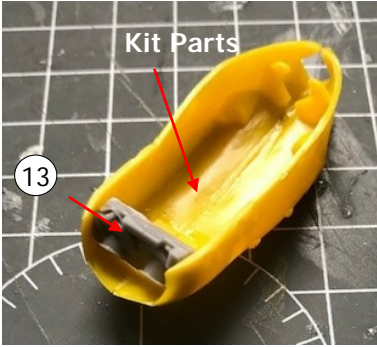
Part 21 is the main fan guard on the Port Side, Part 20 is the starboard rotor fan guard and 22 is the fenestron tail Rotor fan.

In my rush, I cut out most of the 8 fan guards from both Part 20 and 21 and had to replace these with new plasticard strips and rod. Part 22, the rotor fan sandwiches between Parts 20 and 21.



5

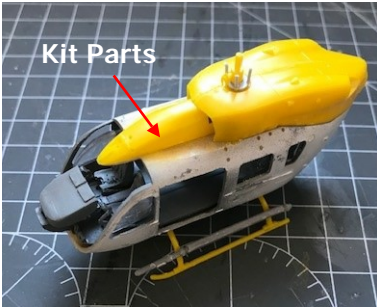
Engine Dog House Assembly



Care is needed when fitting the engine intakes Part 13 to the kit parts to ensure the two lugs either side of Part 13 fit into the guide holes on the kit parts.

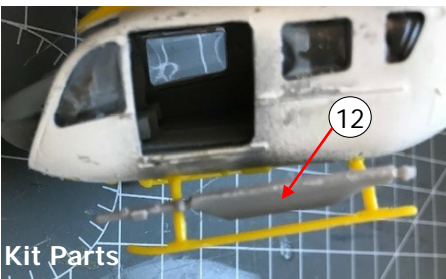
Remember to fit the rotor head assembly before fixing the two half's of the dog house.

I used the Revell main rotor hub But the Heller outer hub (In light Grey) as the one in the Revell kit was missing.



6

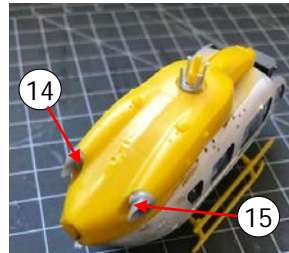
Skid Assembly



Nice and quick!
Use the kit main skids both sides. Port side has the step and training Pod Part 12.

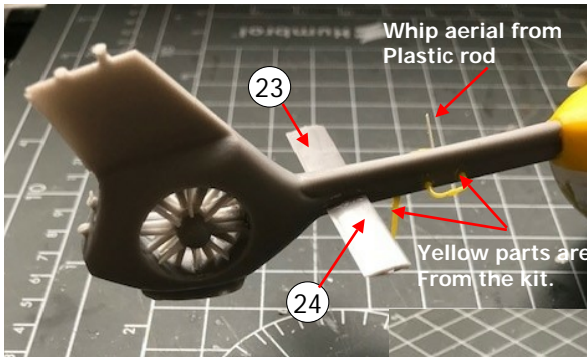
On the starboard side, just use the Kit part for the step.

Fit exhausts either side, Parts No 14 and 15.



7

Tail Connection and Detailing

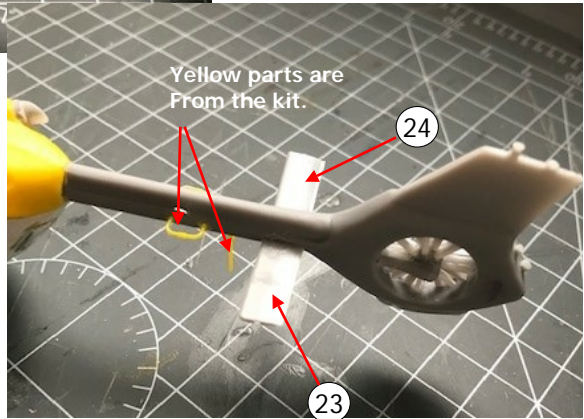
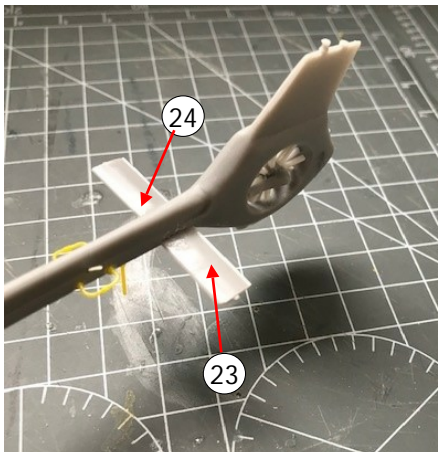


Connect the tail to the main body of the model. Leave this to dry before detailing.

Drill out the holes either side for the small Yellow handle aerals.

I also fitted a whip aerial from thin plastic rod.

Fit the two tail stabilisers Parts 23 and 24



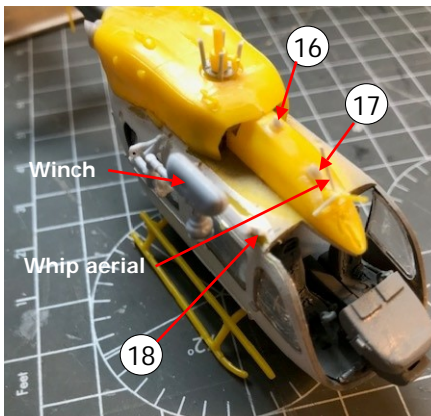
Fit aerals to the fuselage top. Parts 16, 17 and 18.

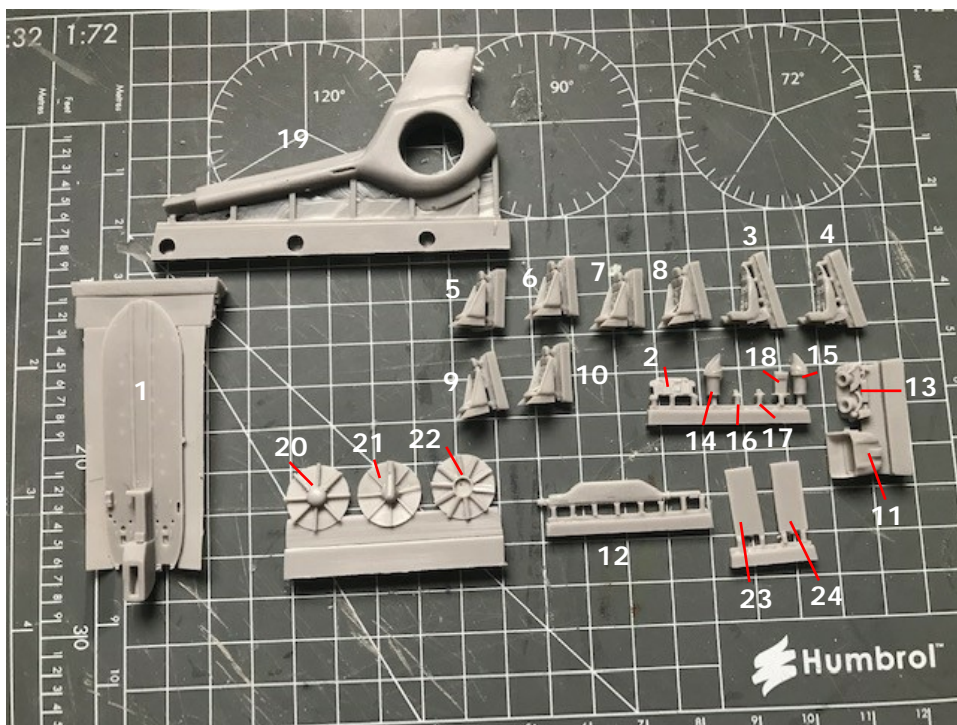
I used the winch from the Heller kit. Whip aerial and cable cutter braces from plastic rod

The Revell kit I used did not come with the floats but many RAF aircraft carry these as standard.

8

Final Detailing





INSTRUCTIONS

- Remove any flash by gently snapping off, or cutting with a scalpel and then lightly sanding.
- Only use Super-glue or a two-part epoxy glue to fix parts.
- Gluing is easier if mating surfaces are slightly sanded to roughen the resin before gluing. Also clean off any dust before gluing.
- Before painting, thoroughly wash all parts in warm water with detergent.
- We recommend the application of a base coat in a light colour to show any blemishes prior to final painting.

WARNING & SAFETY!

- These parts are moulded in polyurethane resin. Please take care when sanding and cleaning up the resin by wearing a dust mask or other protective breathing device to avoid inhalation of the dust particles.
- Wash hands, resin parts and the work surface after sanding resin.
- When using Super-glue or two-part epoxy glue, please take precautions to avoid contact with skin and eyes.
- It is also advisable to wear a mask to avoid breathing in any fumes from the glue or work in a ventilated room.
- The use of barrier creams on hands or wearing disposable gloves, and working in a well ventilated area, is strongly recommended.
- Not suitable to children under 14 years of age.

Thank you for purchasing this Air-Graphics product which forms part of a range of accessories, conversion sets, decals & kits all to 1/72 Scale.

Air-Graphics: 24 Fyfield Close, Wantage, Oxfordshire,
OX12 8HN, UK.
E: gary.madgwick@air-graphics.co.uk