

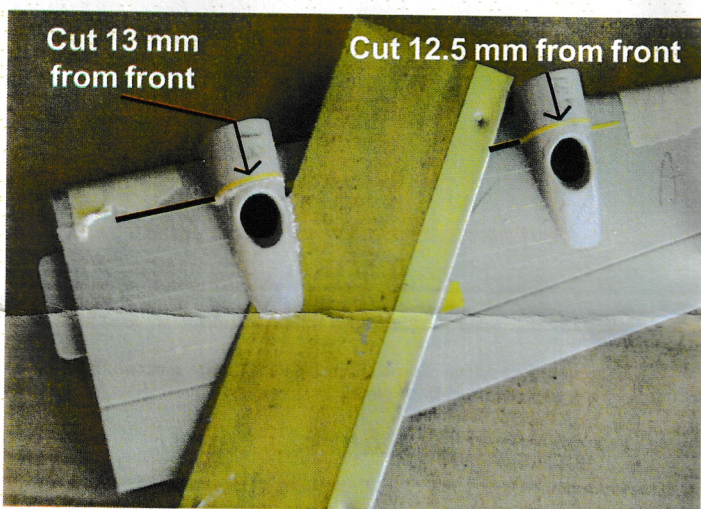
This improvement set was designed by master modeller, John Guyer, for the Italeri and Airfix 1/72 C-130E/H Hercules kits to convert it to an accurate representation of a C-130A. The set is designed for experienced modellers and will require some cutting, filling and sanding.

ATTACHING THE REAR/ EXHAUST SECTIONS:

INNER ENGINE (SHORTER SECTION)

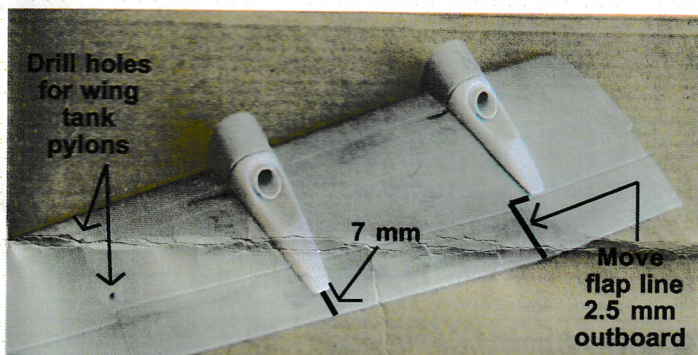
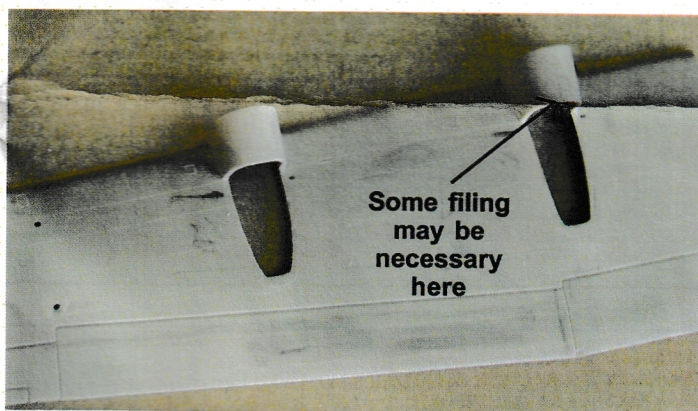
Make a vertical cut 13mm from the front of the wing part down to meet the front panel line (see diagram below). Remove the rear section of the nacelle making a horizontal cut. This leaves a ledge for the new part to attach to. Sand flush with the wing surface and clean up the area.

Attach the new rear part. The moulding blocks may be left on, but will need to be sanded back a little to allow the part to slide in. Some filing out of the inside part of the wing may be necessary as well, especially on the port wing. Glue into place. The rear of the new part should end just in front of the inner flap hinge. Use your favourite method to blend in the front and rear sections.



It is best to attach these parts to the bottom wing parts (C70, C74) before gluing to the top wing parts. To add extra strength, a small hole may be drilled from the inside rear and a brass pin glued into place before gluing the top and bottom wing parts together.

Notice that on the kit the inner and outer flaps butt up each other. On the real aircraft, they are separated. If you wish to address this, scribe a panel line on the outer flap, 2.5mm from where the flaps join and tidy up the area.



NACELLES

The nacelles should replace the kit parts. Cut off the moulding blocks, leaving a small lip, as per the kit nacelles to help attach to the wing. Before attaching the inner nacelles, trim 1.5mm off the nacelle on the wing (to just in front of the leading edge) which is how the full sized engine is fitted.

Notice a small hole under the nacelle at the rear. This shows the placement of a vent which will have to be scratch built. There is another shorter vent placed 1mm back from where the nacelle joins the wing.

Attach the shutter door to the bottom of the nacelle. Attach kit parts B85 to the small indentations on the top rear of the nacelle.

When attaching the blades to the spinner, the tip of the blade should be parallel to the back of the spinner while the aircraft is at rest (see photo next page).

Also note the C-130A had an additional window on each side of the forward fuselage. Two clear resin windows are supplied in this set for this purpose (see photos on next page).

OUTER ENGINE (LONGER SECTION)

Same as the inner engine, but this time make a cut 12.5mm back from the front down to the front panel line. The rear of this part should end 7mm from the trailing edge of the outer flap. Notice that this part extends onto the outer flap. There is a panel line which you may like to sharpen a little. This rear section separates with the flap when it is lowered.

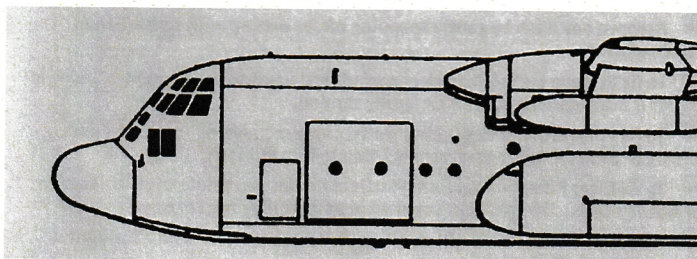
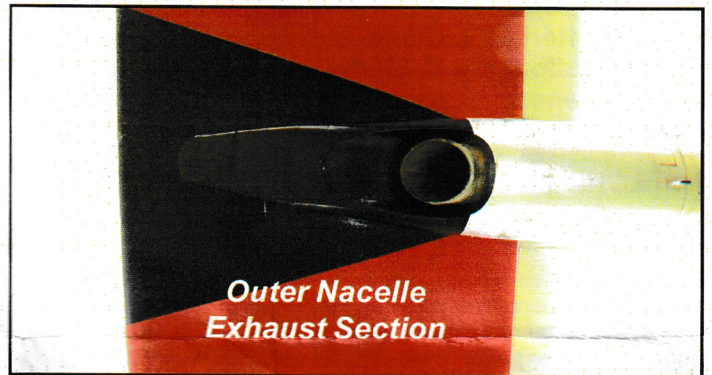
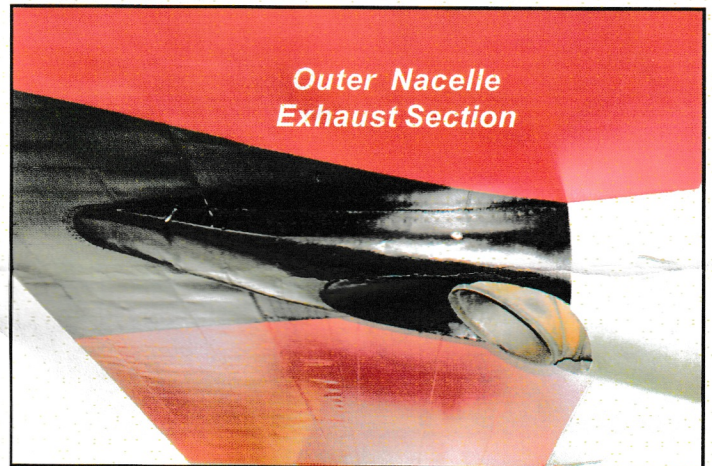
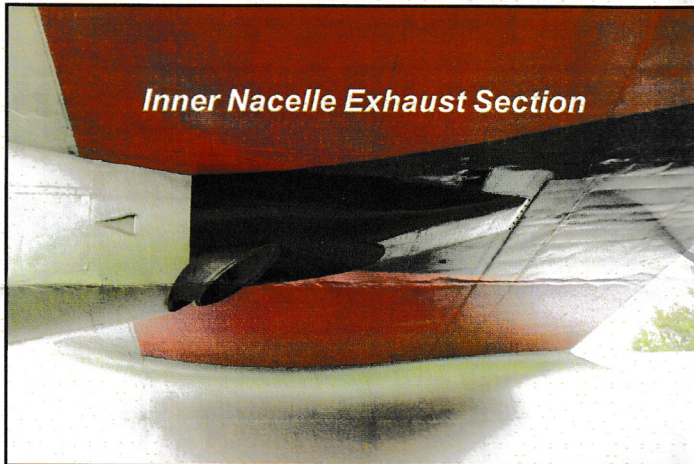


PHOTO DETAIL OF THE C-130A HERCULES

ACKNOWLEDGEMENTS: Bryan Wilburn from Manassas, Virginia, USA for research and photos; and John Guyer from Tamworth, Australia for research and mastering the original parts for this set.



INFO ABOUT THIS KIT, AND WORKING WITH THE PLASTIC IT IS MADE OF:

- Where parts are attached to a runner, remove with a sharp scalpel, flush cutters or fine modelling saw. Sand cut mark flush to surrounding plastic.
- Remove any flash by gently snapping off, or cutting with scalpel, then sanding lightly.
- To fix Styrene parts (clear plastic windows) use Styrene Cement. Gluing is easier if mating surfaces are first lightly sanded.
- To fix Polyurethane Resin (grey parts) use Superglue or Two-Part Epoxy. Gluing is easier if mating surfaces are first lightly sanded.
- To fix Clear Plastic or Vacform Plastic canopies use White Glue, GS Cement or Gator's Grip. DO NOT USE Super Glue as it will fog the canopy.
- Before painting, thoroughly wash parts in warm water with detergent. Rinse well and allow to dry.

- Test fit parts before fixing. Some minor trimming, cutting or sanding may be required to obtain the best fit of parts.

PUT YOUR HEALTH & SAFETY FIRST!

- This product is NOT SUITABLE FOR CHILDREN. It is produced for use by adults or those with a clear understanding of scale modelling and working with plastics, small tools, adhesives and caustic substances.
- These parts are moulded in Styrene (Clear Plastic Windows) and Polyurethane Resin (Grey Plastic). Wear a dust mask or other protective breathing device to avoid inhalation of dust particles when sanding.
- Also wash hands and parts thoroughly when sanding work is completed.
- When using Styrene Cement, Superglue or Two Part Epoxy Glue, take to care avoid skin and eye contact and breathing in the fumes of such glues.
- The use of barrier cream on hands or wearing disposable gloves, and working in a well ventilated area, is strongly advised.