

Hamilton Hobbies - 1/72 C-130J Conversion (2019)

This conversion is for experienced modellers only.



Main Parts

- Forward fuselage extension
- Rear fuselage extension
- Parra-door plugs (x2)
- Forward floor extension
- Rear floor extension
- Pilot seat (x3)
- Pilot seat arm rest (x6)
- Undercarriage fairing extensions
- New engines (x4)
- New spinners (x4)
- New propeller blades (x24)
- Nose ECM sensors (x2)
- New underside flare/chaff housing (x2)
- Window plugs (x6)
- Rear Fuselage
- Wing Tank Pylons
- Rear fuselage EW sensors

Construction

There are several ways the fuselage extensions can be inserted to the fuselage. The fuselage halves can be glued together then cut, and the plugs inserted. The plugs can be cut in half and inserted to the two fuselage halves, or finally, the fuselage halves can be taped together, the plugs inserted, then the fuselage halves separated to finish building the interior. This third method will be outlined in these instructions.

Minor assembly -

- I. Replace the kit seats with the new resin seats. The seat armrests can be added into position.

Fuselage extensions -

- II. Tape the fuselage halves together.
- III. Cut the forward fuselage. Ensure that the cut is straight, otherwise the fuselage will be out of alignment.
- IV. Cut the rear fuselage, in line with the forward edge of the para door.

Helpful Hint – File the inside edge of the fuselage after you have cut it so that when the plug is inserted, it will sit flush with the fuselage. The more time spent getting this right will save time later with sanding and filling.

- V. Glue the para door plug into the kits original door openings.
- VI. Cut the plug down the centre-line to separate the fuselage halves.
- VII. Add the new undercarriage fairings. Note that the port side can simply be added, but the existing undercarriage fairing on the starboard side will need to be removed.
- VIII. Glue the window plugs into the three forward fuselage windows. Re-drill the windows in the new positions – refer to photos. Note that the centre window is 1mm higher than the other two windows.
- IX. Cut the small forward floor extension from the main floor (part 35A), and add the forward floor extension. Glue the small extension back onto the floor.
- X. Glue the rear floor extension the rear of the main floor (part 35A). Note that these extensions are added to each end of the floor. The rear piece will be too long and will extend out the rear fuselage. This can be cut to the correct length once the fuselage halves are together. Use filler/Milliput to plug the hole left between the floor and the fuselage.
- XI. Add the new flare housings replace the kit parts 4F.
- XII. Replace the bottom window on part 45E with the new ECM nose sensors.

Engines and propellers -

- XIII. Remove 2mm from the No.2 and 3 engine mounts on the wings. This is to bring these two inboard engines into alignment with the out board.
- XIV. Glue the four engines to the wings
- XV. Glue the propellers to the prop hub. Note, as this Herk is a turbo-prop, the propellers are typically in the feathered position when the engines are off.
- XVI. Glue the propellers to the engines.
- XVII. Kit parts 85B can be added to the top, and kit parts 21F and 24F to the underside of the engines, as per the kit instructions.

Additional assembly -

- XVIII. Replace the kit wheels with the new resin wheels. Please note that the wheels have a flat spot, which should be touching the ground.
- XIX. It is highly recommended that you re-enforce the fuselage between the wings. It is prone to separate and split due to the weight of the wings.
- XX. Cut the rear fuselage, perpendicular to the rudder hinge and replace with the resin part supplied.
- XXI. Add the two EW sensor to the side of the rear fuselage





