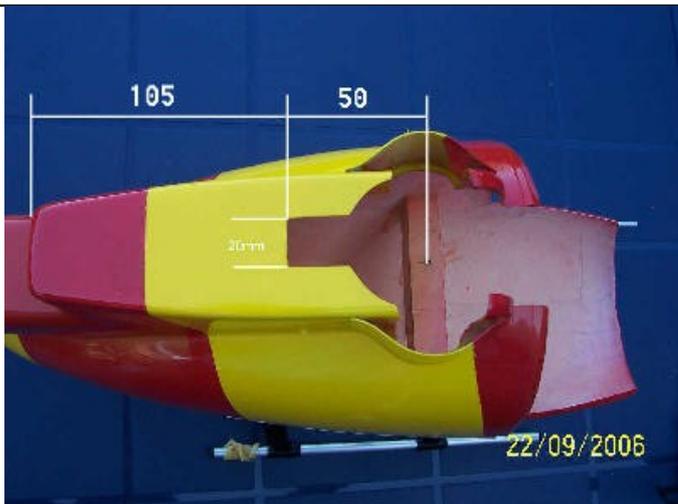


Additional Instructions for assembling the Hughes 500 for Logo 10

This instruction should be used as a supplement to those for the ECO 8



First of all the helicopter mechanism should be stripped out of the helicopter as shown.

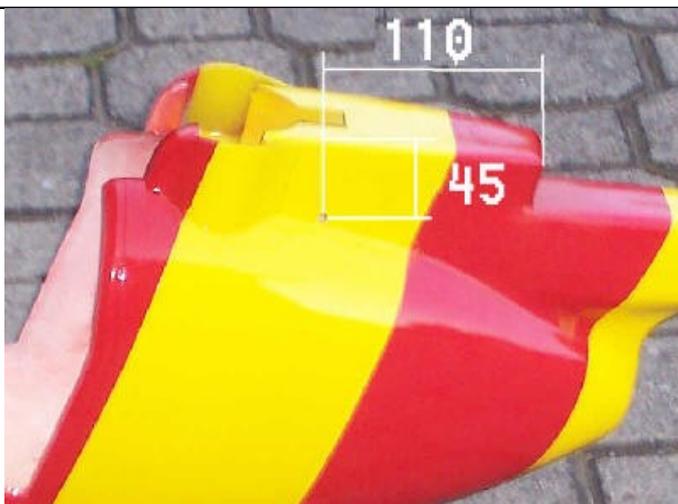


This kit is designed primarily for the ECO 8 therefore some minor modifications are required when fitting to a Logo 10.

The top opening for the rotor mechanism needs to be modified as shown in the photograph. A section of the body has to be removed, 20mm wide and 105 mm from the rear end of the mechanism housing.

In this position the centre of the main rotor will be positioned at 155mm from the rear end of the mechanism housing. This gives a good position for balancing the helicopter by the adjustment of the position of the battery pack.

The swashplate of the Logo 10 is larger than the Eco8, and cutouts need to be made as shown in this photograph. The diameters from the rotor centreline are approximately 65mm on the upper surface, and 90mm on the lower. Here the lower surface has been reinforced by using part of a Yoghurt tub



The body should be drilled to accommodate the canopy mounting as used on the original mechanism.



Now the mechanism mounting points are prepared within the fuselage.

L shaped struts are to be made from 20mm x 4mm plywood, and these are installed at approximately 62mm apart.

The holes for the original canopy mounting should be reinforced with the 4mm plywood.prior to installing the mechanism.

The positioning of the mounting points for the mechanism can be done by using a felt pen on a piece of wire.

Finally pieces of balsa can be fitted at the bottom of the cabin as shown at the points where the landing skids are to be mounted.



The white nose piece can now be prepared by cutting around where marked. This will produce the nose mounting frame as shown. It can then be spray painted.

BEFORE THE TRANSPARENT WINDOWS ARE FITTED.

The nose frame should now be mounted onto the fuselage using the magnets provided as shown in the instructions for the Eco8,. This allows easy access to mount the magnets in the correct position on the fuselage.

When satisfied that the magnet mountings are correctly placed, the nose section can be finished by installing the transparent nose section windows.



On the Logo 10, the original landing skids are re-used. The skids should be mounted on balsa blocks, these blocks should be glued using plenty of superglue, and reinforced with superglue fillets around the blocks.

The vent in the rear of the fuselage provides both ventilation for cooling, and an exit for the receiver antenna.



This shows the swashplate mounted, using the original canopy mounting rod.



A view of the completed helicopter.



And the helicopter in flight.

In this example the builder has used the tail fin as supplied with the original helicopter, and not the tail parts supplied in the kit.