

# Wind Pump



# Wind Pump Assembly Notes

- 1: Assemble the main pylon frame.
- 2: Attach the deck frame noting the large rectangle hole should fit beside the ladder part of the pylon.
- 3: Glue the 4 upper pylon parts into place.
- 4: Add the deck to the framework.
- 5: Fit the pylon topper.
- 6+7: Fit the two parts to the pylon top to make the cross shape.
- 8+9: Add the 4 circular parts to the cross. Let these parts dry.
- 10: Set the pump base onto the assembly, do not glue this part.
- 11: Glue a cog to the pole, followed by a small (6mm) disc.
- 12: Glue the final cog into place.
- 13: Fit the Fin into place as shown.
- 14: Fit the part numbered 1 in place.
- 15: Followed by part 2.
- 16: Fit parts 3-6 in numeric order finishing with the blank part.
- 17: Glue the cowling into place as shown.
- 18: Followed by the radiator part.
- 19: Fit the tail section to the sail assembly.
- 20: Glue the spacer blocks into position on the sail frame.
- 21: Continue to fit the blocks until all 10 are fitted.
- 22: Prepare glue to the back of the sail as shown.
- 23: Carefully fit the sails into place clamping as necessary. Fit them in pairs at opposite sides. This will keep the sail centred correctly.
- 24: Continue until all the sails are fitted into place.
- 25: Note the back of the sails seat onto the spacer blocks.
- 26: On the rear of the sail assembly, paint a little PVA glue to strengthen the joint as shown. Allow this to fully dry.
- 27: Glue a (10mm) disc into place on the pump assembly.
- 28: Place the sail assembly into position. Do not glue.
- 29: Glue a 10mm disc into place.
- 30: Followed by a 6mm disc onto the axle.
- 31: Your wind pump is complete.

Note that you may find it easier to paint some parts prior to assembly. Always remove parts from the sprue with a sharp knife and if you find it necessary to sand components, wear a mask. Dry fit parts before final assembly and use a quality PVA glue rather than super glue. Warbases products are not intended for use by children.