

**Hawker  
Hurricane Mk. IID**

skala 1:33

**Orlik**  
**Model Kartonowy**English instructions available  
at [www.orlik-models.pl](http://www.orlik-models.pl)

Nr. kat. 047

**MAIN CAUTIONS:**

The model belongs to middle tough builds. Before gluing get familiar with the main plan of the model as well as the assembly drawings. Pieces marked with the letter P should be glued as pieces marked with the letter L. Any additional parts should be grinded by using abrasive paper. The white edges ought to be retouched with properly chosen poster paints or oil paints. The model should be varnished with transparent varnish after being glued. Use the rule match and try on dry surface, which means try on two times-glue once. When gluing the fuselage take into consideration its symmetry. Choose the thickness of the wire according to the patterns.

**MARKINGS:**

..... glue to 1mm cardboard

..... glue to 0,5 mm cardboard

..... glue to bristol

Begin the build of the model from gluing the skeleton of the fuselages center as according to drawing 1. Make the instrumental board in to variants: the standard-use piece 4, or the expanded variation-use piece 4a, foil pattern as well as piece 4b in which you must cut out the white holes. Glue the finished instrument board in the marked space on piece 1d. Glue the framework piece 2L,P to cardboard and then cut out. Glue the finished element onto the skeleton in the marked space. You can alternatively make the framework by using the pattern from wire 9. After gluing it together paint it with properly chosen oil paint. Glue piece 3 onto cardboard, after cutting it out retouch its

edges with properly chosen color. Next glue to it the rudder bar- drawing 5 as well as the control stick-drawing 6. Make the side panels equipment as according to drawing 1 and 8. Make the pilots seat as according to drawing 7. With the help of piece 7 fix it to the back fuselages wall- piece 1e. Piece 18b-seat belts-glue to piece 5 in the marked space. Glue the fuselage with an inside sheathing piece 20L,P. Later glue the fuselage with an outside sheathing remembering to keep caution when joining it (watch the symmetry). Glue piece 22 and joining belt to the skeleton. Make the first four segment sof the fuselage as according to drawing 9. Glue to it properly formed exhaust pipes pieces 24, 24a, 28aL,P and 30aL,P. Make the back segments of the fuselage as according to drawing 15. Fix the stabilizer fin to frame piece 35. Glue to it piece 38L,P. Make as according to drawing 16 the tail planes skeleton, which should be glued over by sheathing piece 46. Put the finished set with the help of pattern 13 onto the marked space in segment 36. Form the plywood piece 46aL,P and then glue it in the marked space. Make the elevator as according to drawing 17. Make the rudders skeleton as according to drawing 18. After gluing the sheathing piece 44L,P glue it to frame piece 35. Profile properly piece 40 and glue to it in the marked space piece 40a. Glue piece 41a to piece 41. In the marked space on piece 41a glue tail wheels set, which you make as according to drawing 19. Set it with the help of frame pattern 4. Make the skeleton of the centre section of the wing as according to drawing 11 and 12. The skeletons equipment are shown on drawing 12. Glue the finished skeleton with sheathing piece 49. Glue piece 49dL,P as according to drawing 22. Glue piece 50 to the bottom side of the fuselage joining it with the wings sheathing. Glue piece 51a,b,L,P in the marked space. From the bottom of the fuselage glue the air-intake forming it properly from pieces 57-57d. Glue it in the marked space as according to drawing 27 and 28. Make the intake of the central part of the centre section of a wing as according to drawing 28. Onto the earlier glued skeleton, glue the sheathing piece 60 and 60a. Glue inside of piece 60b piece 60c. Glue over the entire part piece 60g. Glue the finished set in the marked space. Make the wings skeleton as according to drawing 13. When fixing it you can choose to make the armament range, which you glue by using piece 20. In the wings sheathing make openings for the reflectors piece 55a,b,L,P- drawing 14. Glue them in the marked space. Glue the sheathing to the skeleton. Profile slightly the ends of the wings piece 55e,f,L,P and glue onto plywood to the proper part of the wing. In the wings sheathing you can make separate steering elements. Make them by using piece 56c,L,P. Make the plots by properly forming the sheathing and gluing to it by the frames edges piece 62L,P. Glue the finished set to the bottom part of the airfoil in the marked space. Roll the barrel tightly from piece 63. When ready glue it to piece 62a,b,L,P. Make the undercarriages leg as according to drawing 24. Make the tyre from the tecture rings and profile its figure. Paint them black. Fix the finished legs to the undercarriages opening. Glue the fairing piece 67 and 68. Make the airscrew spinner as according to drawing 9 and 10. Fix the finished set to frame 29. Glue the fuselages fairing from different elements( windscreen and cockpit canopy). Piece 73 glue from the inside to piece 73c,d as well as the patterns from foil. From the outside in the marked space glue the rear-view mirror. Glue piece 74 from the inside to piece 74a as well as the pattern from foil. The finished element can be glued in a opened or closed position. Antenna- piece 75 fix onto piece 32 in the marked space. On the movable part of the stabilizer fin piece 44 glue pattern 12. Paint it with properly chosen color. The finished model ought to be varnished with transparent matt varnish. Any scratches can be retouched.

We wish pleasant moments while building the model!!!