



1/32 SCALE P-39F

ASSEMBLY INSTRUCTION

The proposed P-39F Airacobra model is comparatively easy to be build but its high level of similarity to the real aircraft requires special attention and high precision during the assembly process.

Study carefully the illustrative drawings, cutouts and present instruction before starting the work on the model. Try to imagine the separate assembly phases and the purpose of each detail.

After the acquaintance with the model, you may start the assemblage. Follow the sequence given in the instruction. Cut the necessary details shortly before using them in order to avoid possible mistakes. Score all fold lines before cutting the details. The places of scoring are marked with small thin lines on the continuation of fold lines outside the parts. The small red line markings show where to make cuts on the wing-fuselage joint cowlings.

Do not be in a hurry with gluing - carefully check and shape the details until obtaining the exact and correct fit. Before starting the work get hold of the necessary tools: scissors, sharp modeling knife, blunt knife for scoring the fold lines, prickler, ruler, nippers and grinding paper. Additional materials necessary for the assemblage are: sheet of cardboard with thickness approximately 0.5 mm, a piece of wire with diameter 0.5 - 0.8 mm. Supply with proper glue. BISON Clear Adhesive, UHU or similar are recommended as the most appropriate ones. Water based glue is not recommended.

Preparation for assembling includes gluing page 5 and some parts from page 5 that contains formers, strengthening elements and wheels on a cardboard.

Assembly the interior of the cockpit as it is shown on the view A. After finishing part 2 and 14, glue them in the fuselage segment 1 together with the former 1e, glue the former 2c with back armored transparent plate 2t. Then place on their places the flight controls 3, 7, pilot's seat 5 together with belts 6c and the instrument panel 5. Assembly the gun sight 5a and glue on it the transparent display 5t.

Place the radio equipment 8-8c on the rear canopy plate 9e. Glue the transparent rear part of the canopy to the fuselage segment 9. Assembly the fuselage segment 9 by using connecting stripes 9a-9c, then insert there the former 9d and rear plate 9e. Glue the segment to the connecting stripes of 1 and former 2c.

Assembly the canopy glassing 11, 11t and glue on its place on 1 and 9t. Add the doors 12,13. Note that if you'll prefer to leave the pilot's door open, it should be at the right side of the aircraft.

Continue with the fuselage assembly following view B of the instruction drawings. Add to the subassembly A on the front wheel housing 14 the former 15c, then cover it with the segment 15. Add to the construction the nose segment 16 and 19. If you wish the nose to look realistically, add to the construction the machine guns holes 17 and 18, cutting their places in the segments 16 and 19 before it.

Complete the fuselage with adding the engine segment 22, together with the air intake 25-29 and the tail segment 23. Add the vertical stabilizer 24, 25 and the horizontal stabilizer formers 43,45, forming them in a way to stick to the 23-25 parts.

Now prepare the wings skeleton – parts 30-36, and if you prefer more realistic view of the model, the wheels housings 37, 38 and the air intakes 38c,d and 40c,d, as it is shown on the view c of the assembly instruction.

Assembly the wings 39, 40 and the horizontal stabilizer halves 45, 46 and glue them to the fuselage. Glue also the wing to fuselage fillets 41,42, as it can be seen on the view D.

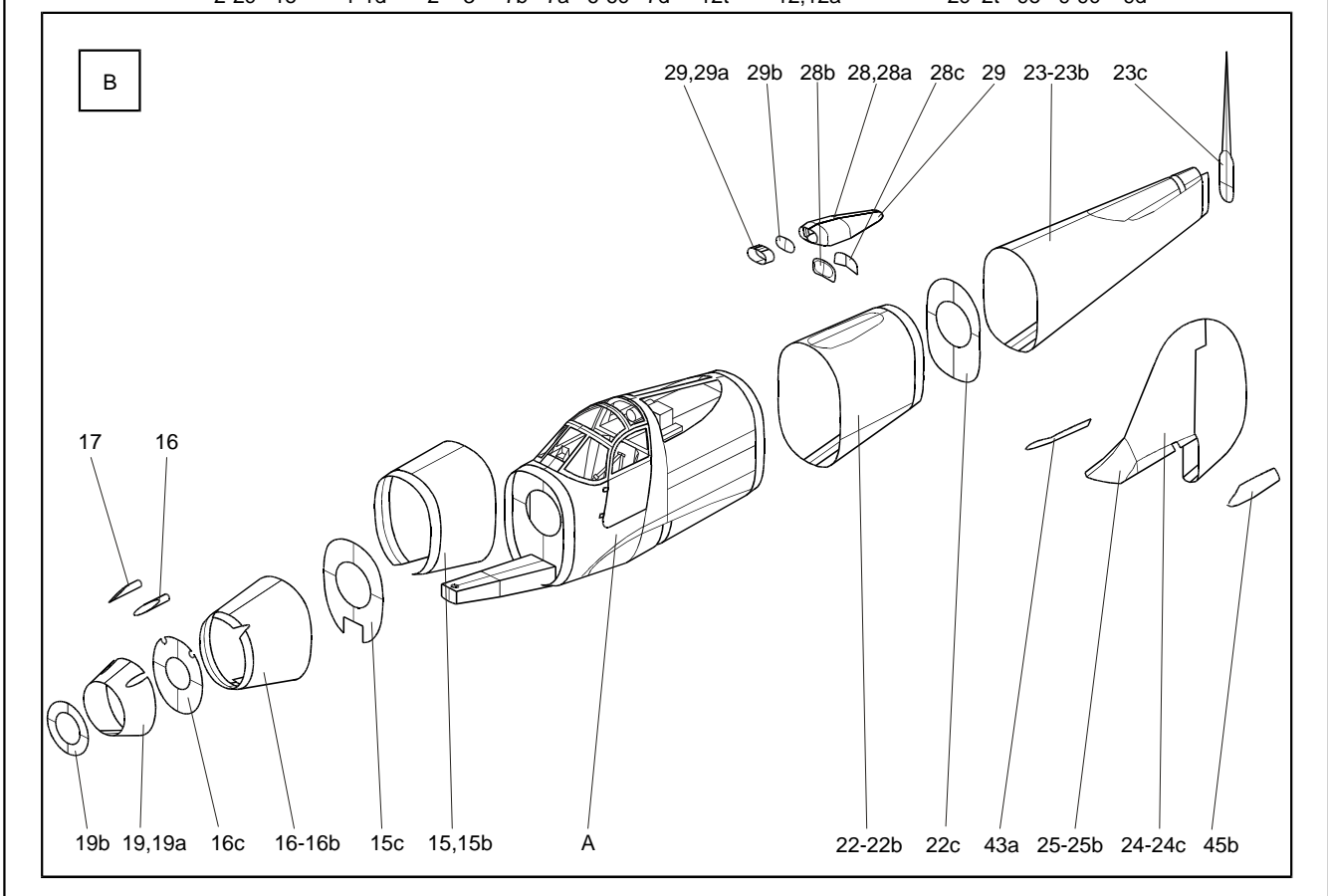
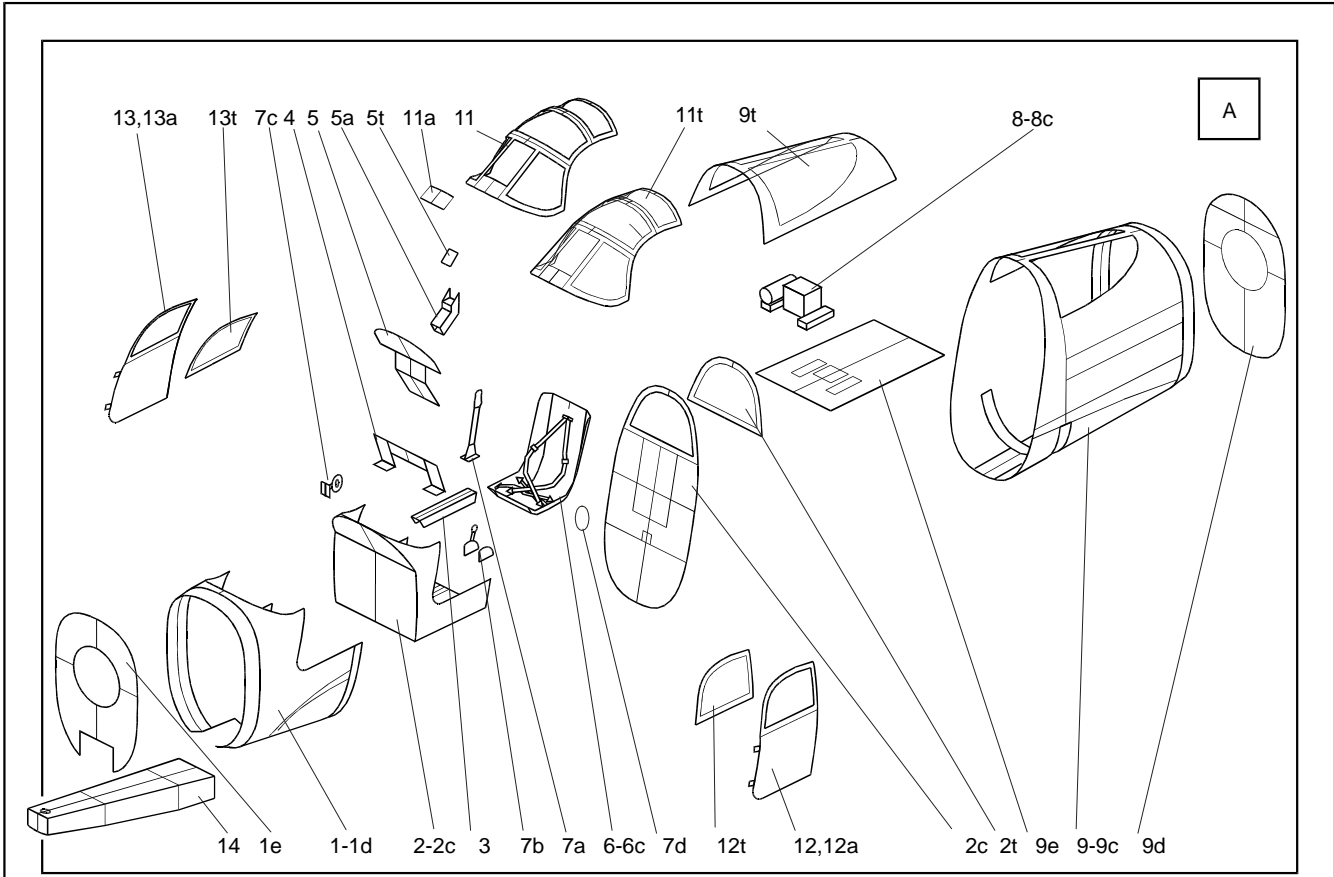
View e shows how to assembly the details- undercarriage, propeller, external 12.7 mm machine guns, engine exhaust, external fuel tank and wheel housing doors. The propeller should be capable to rotate free in its bearing 51.

Complete the model by adding antennas and Pitot tube. At this point your model should be similar to view F.

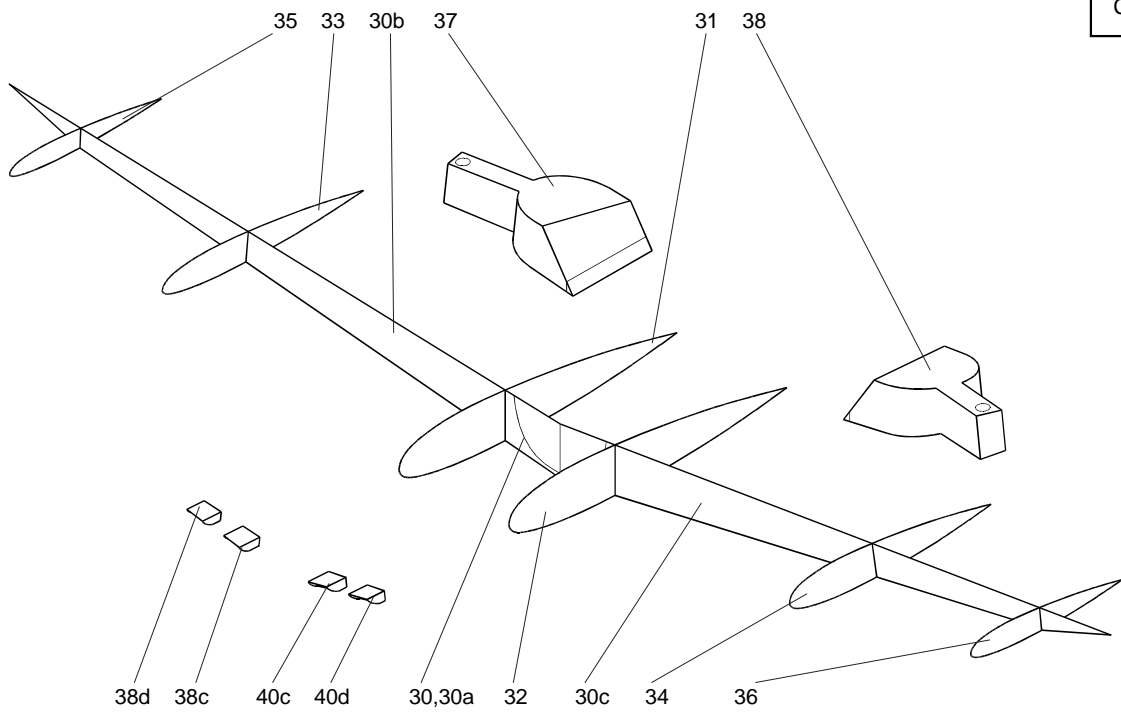
Enjoy your Airacobra.

Sofia, 12. 01. 2004

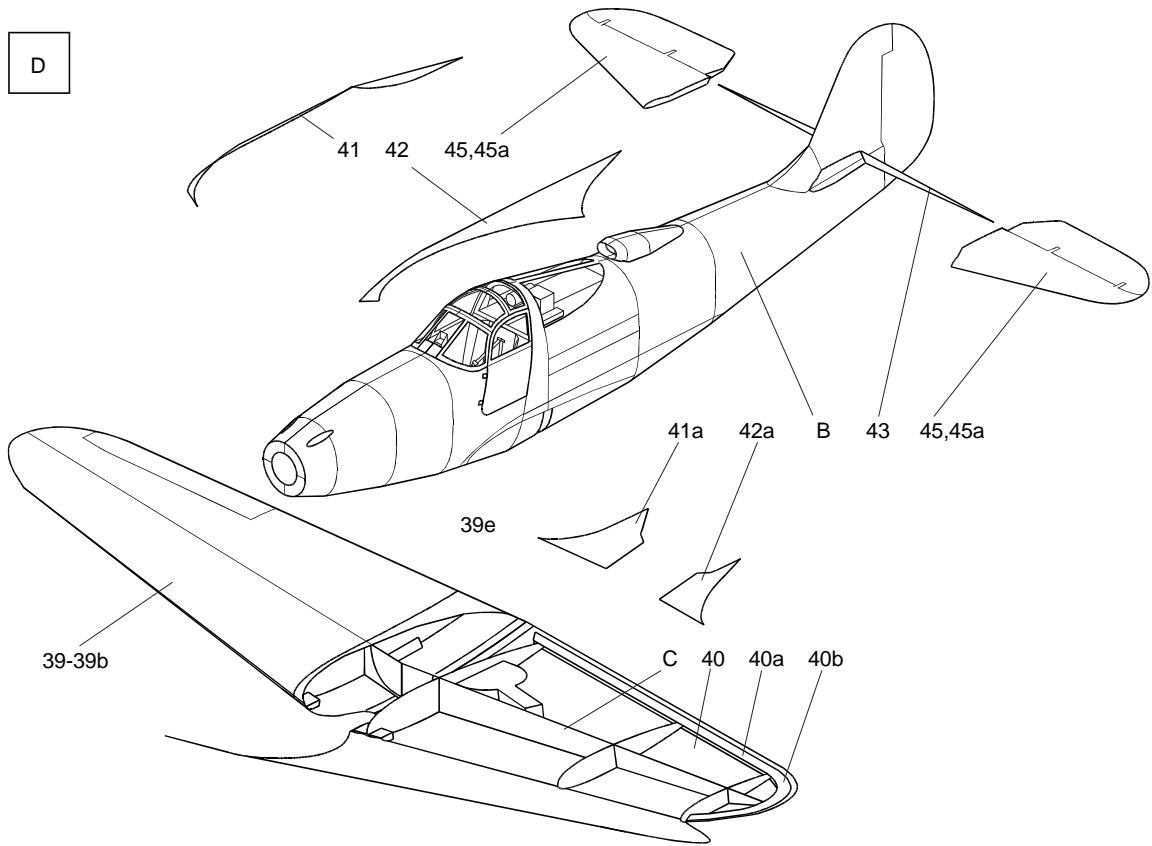
Dipl. Eng. Emil Zarkov, Ph. D



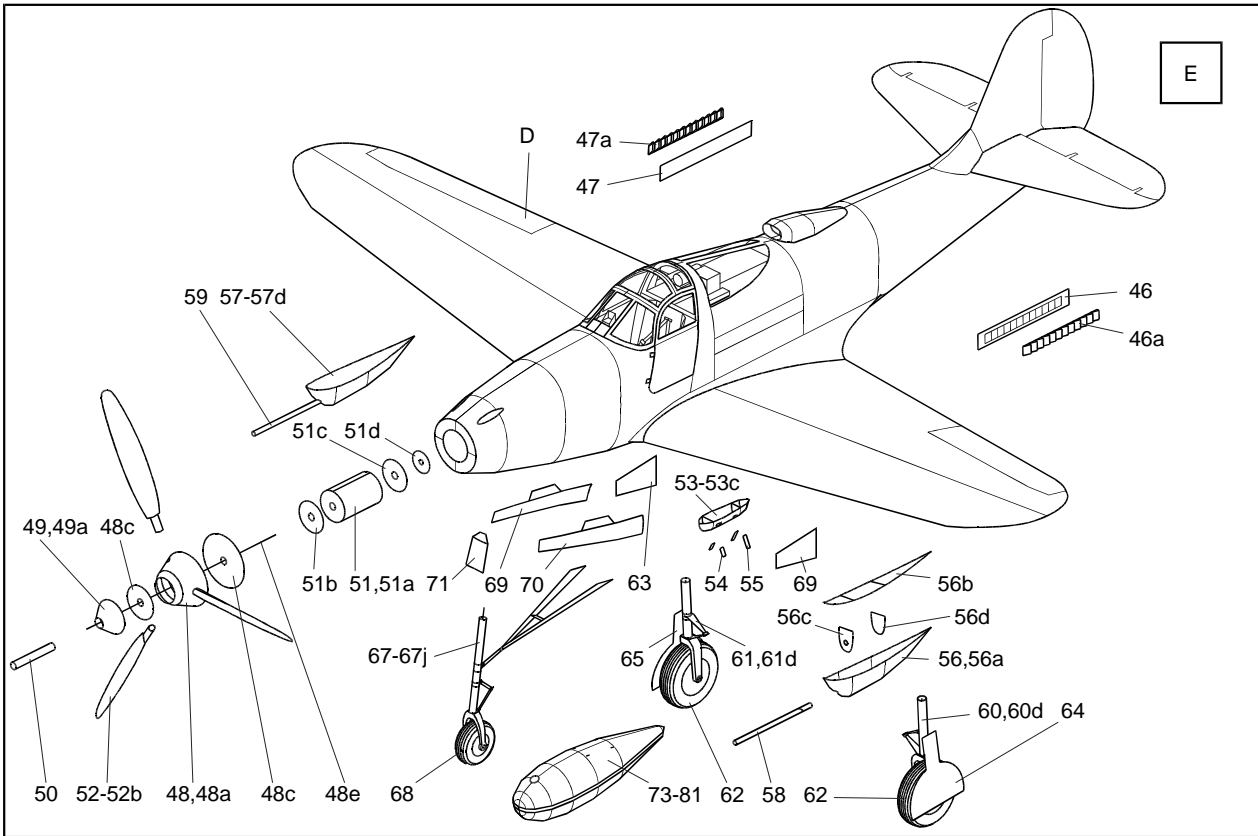
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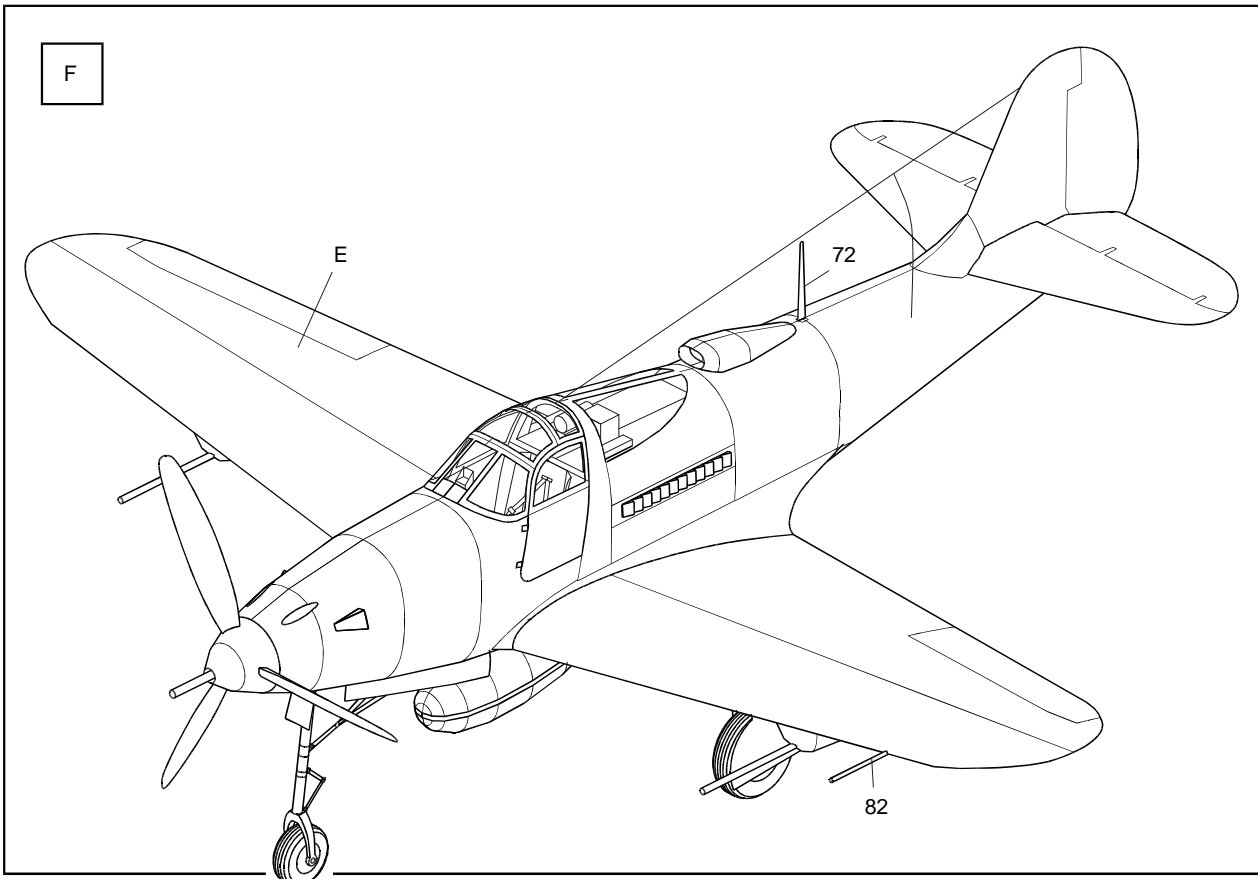
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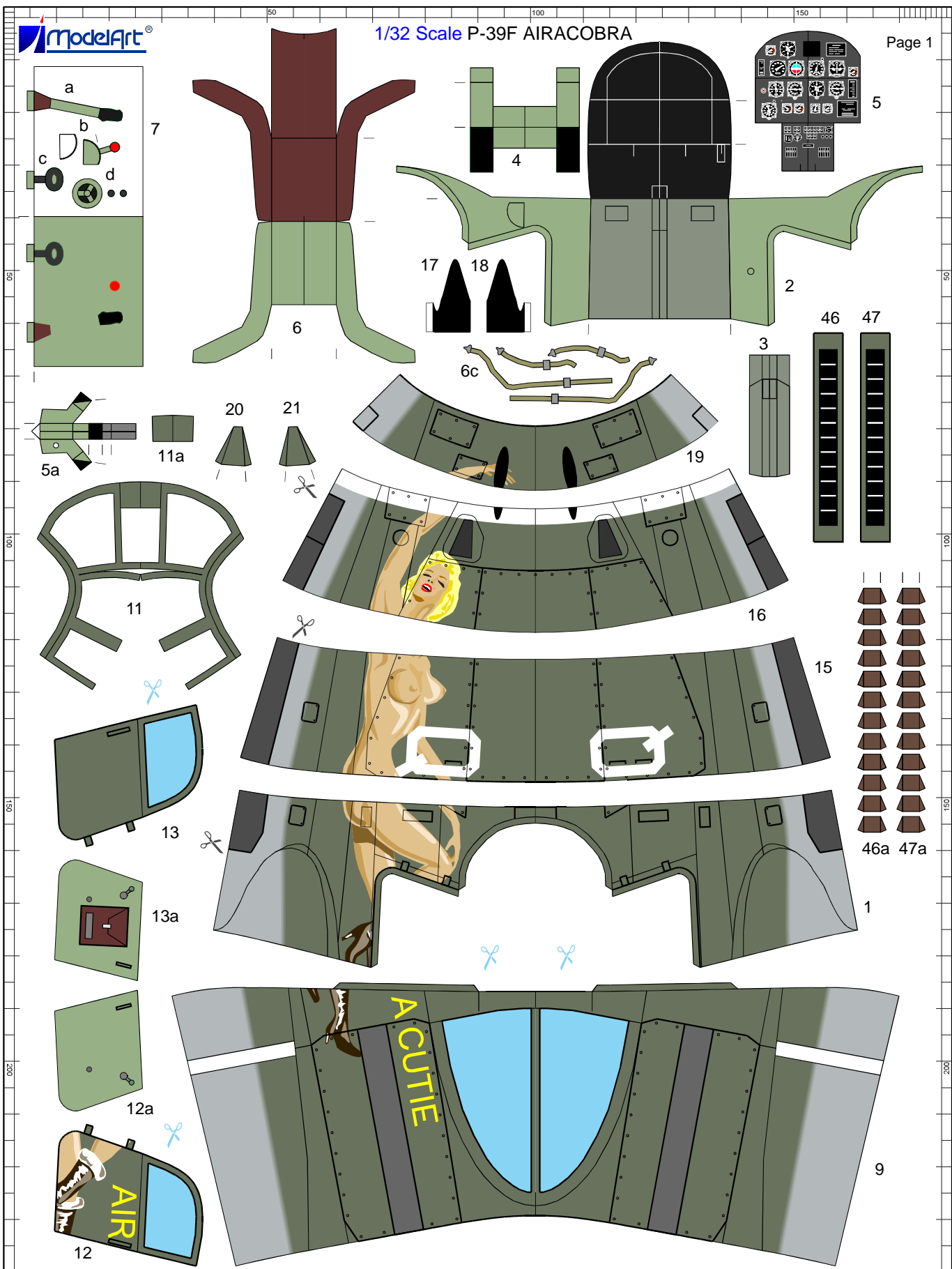


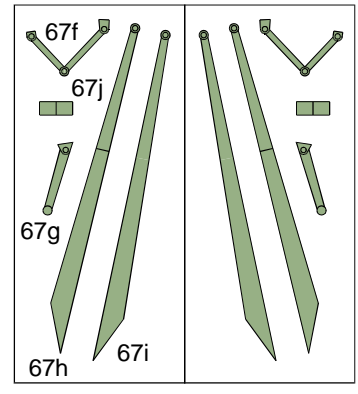
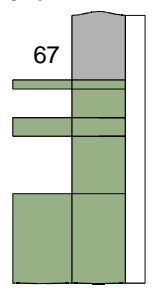
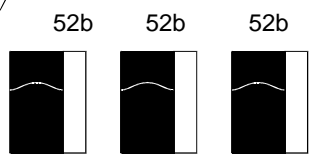
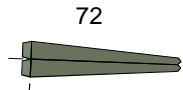
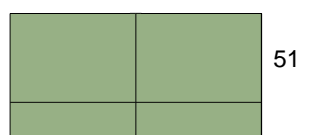
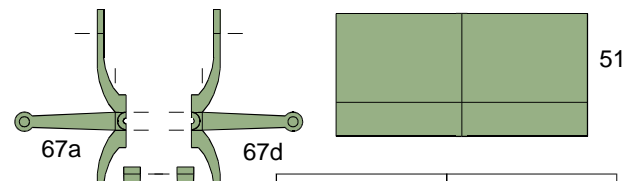
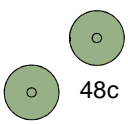
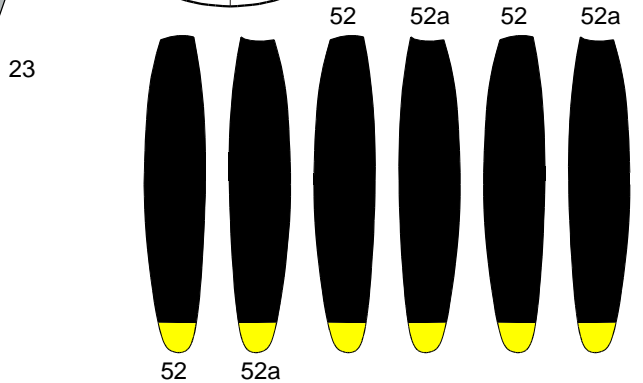
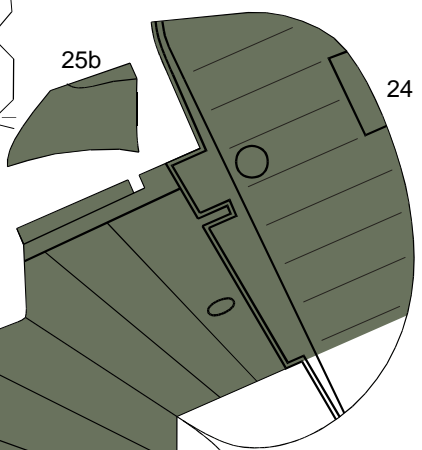
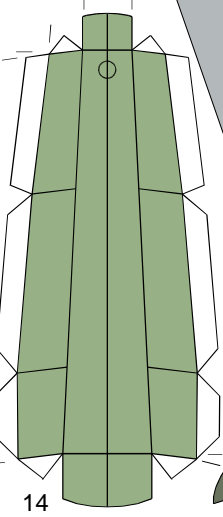
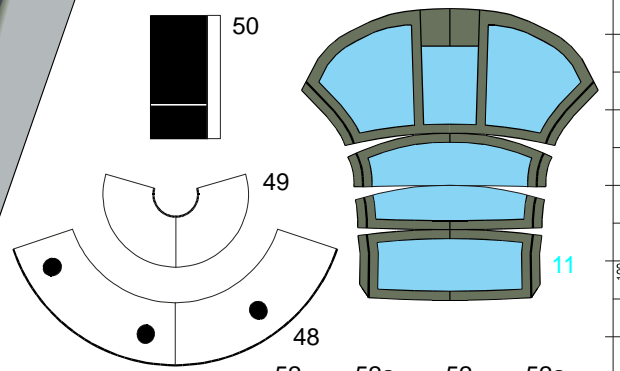
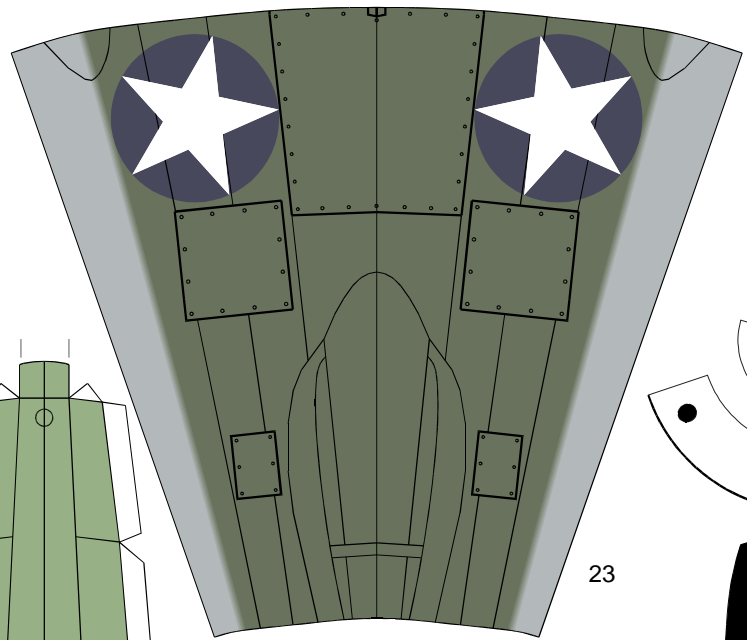
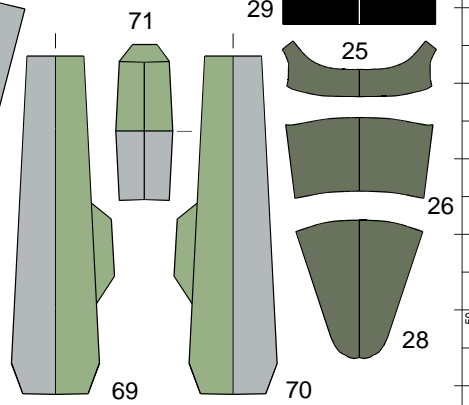
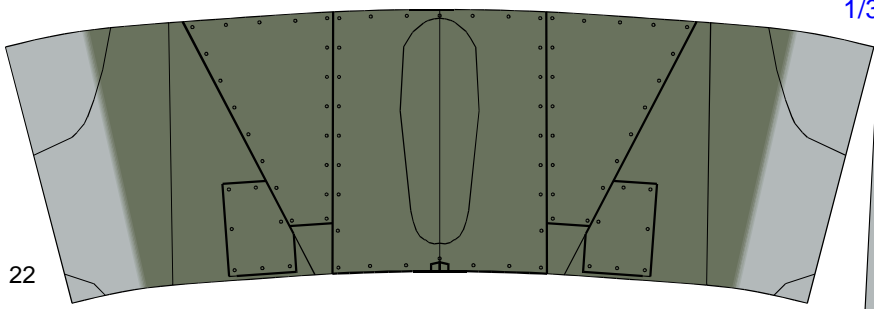
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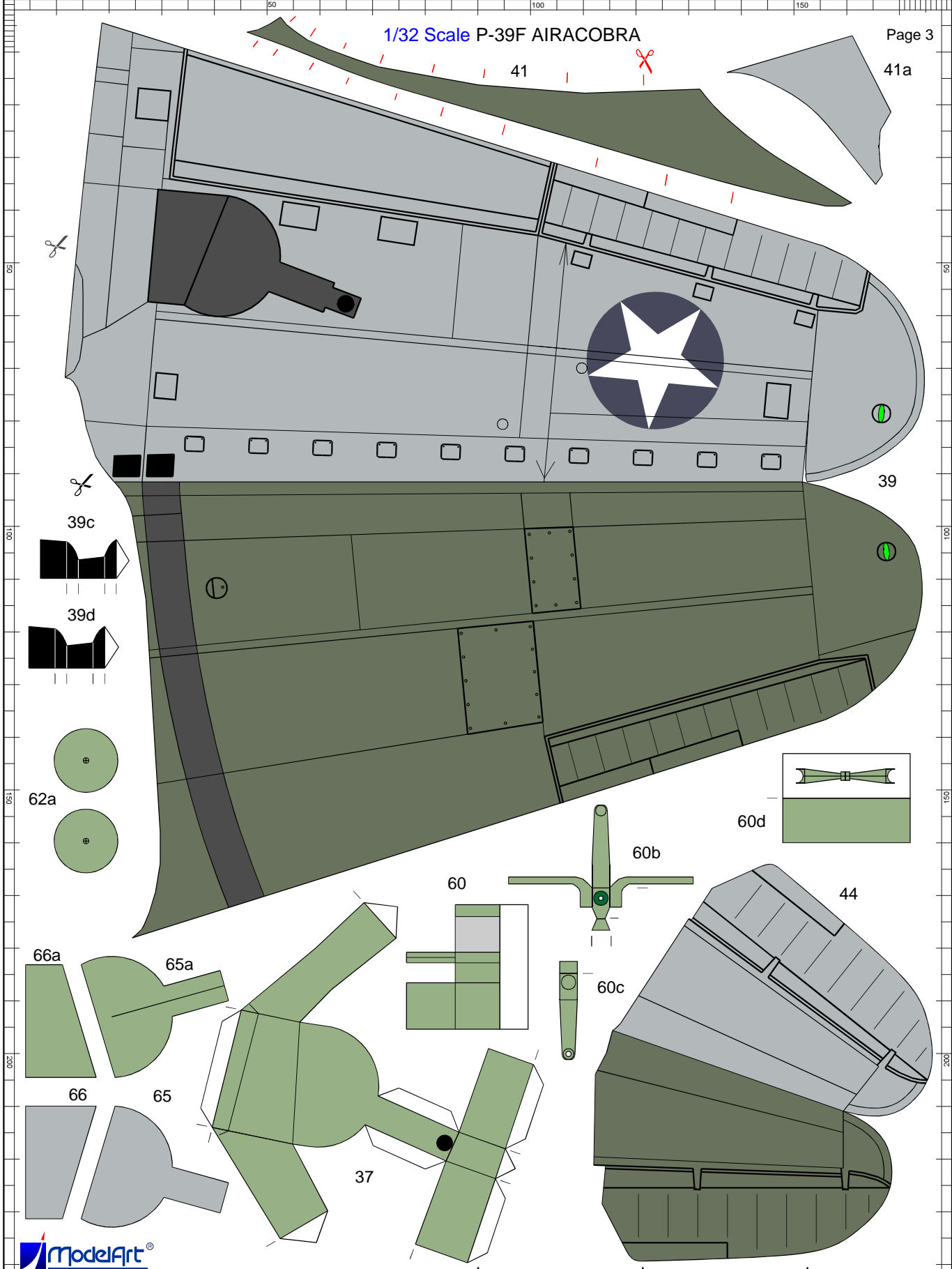


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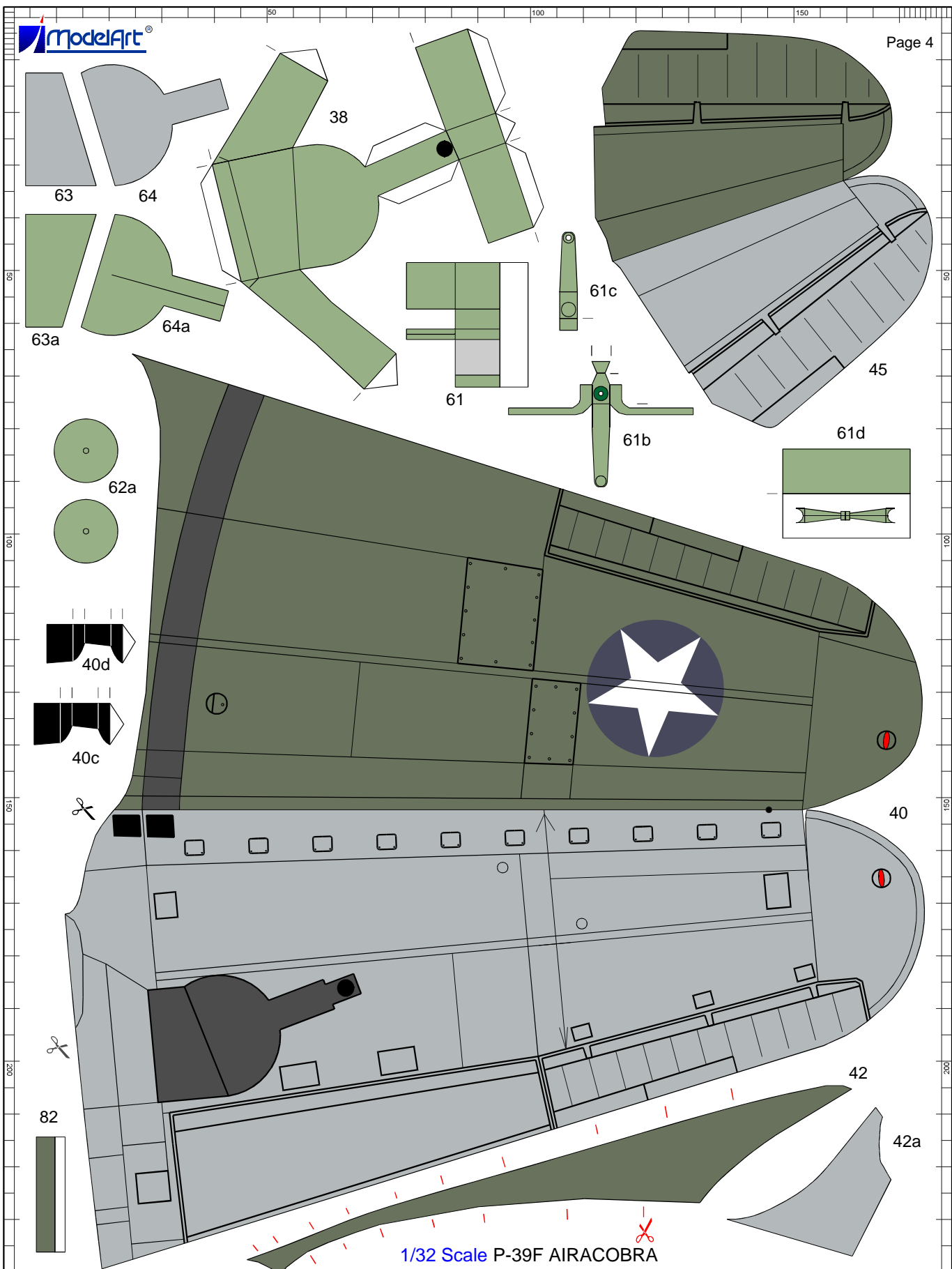




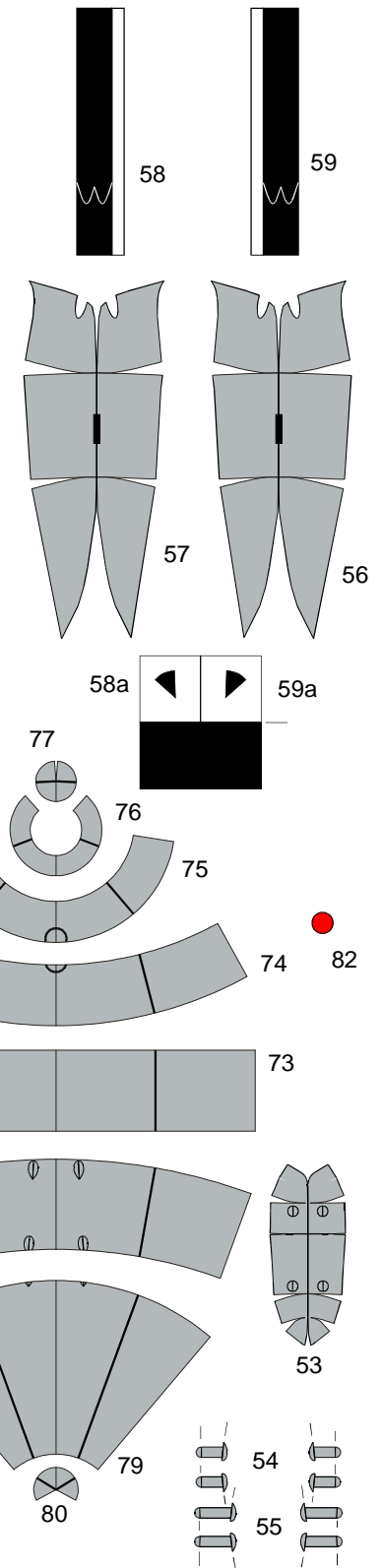
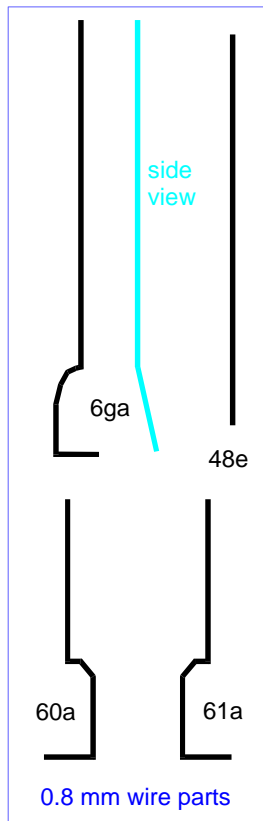
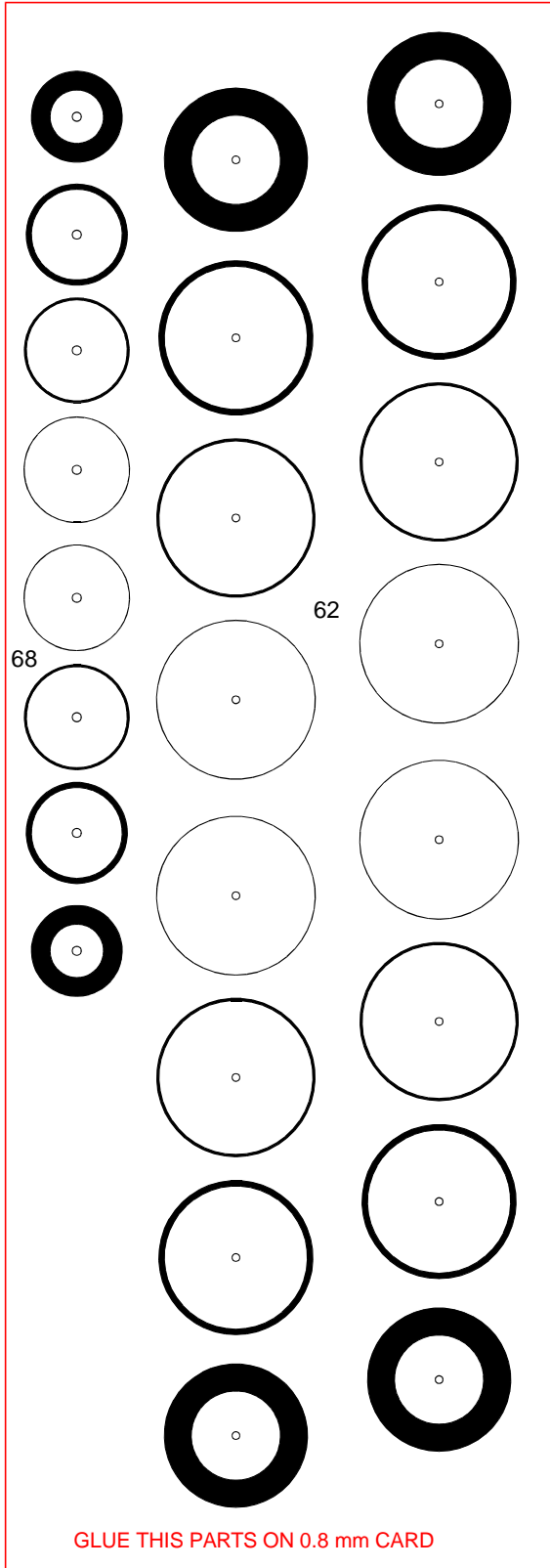




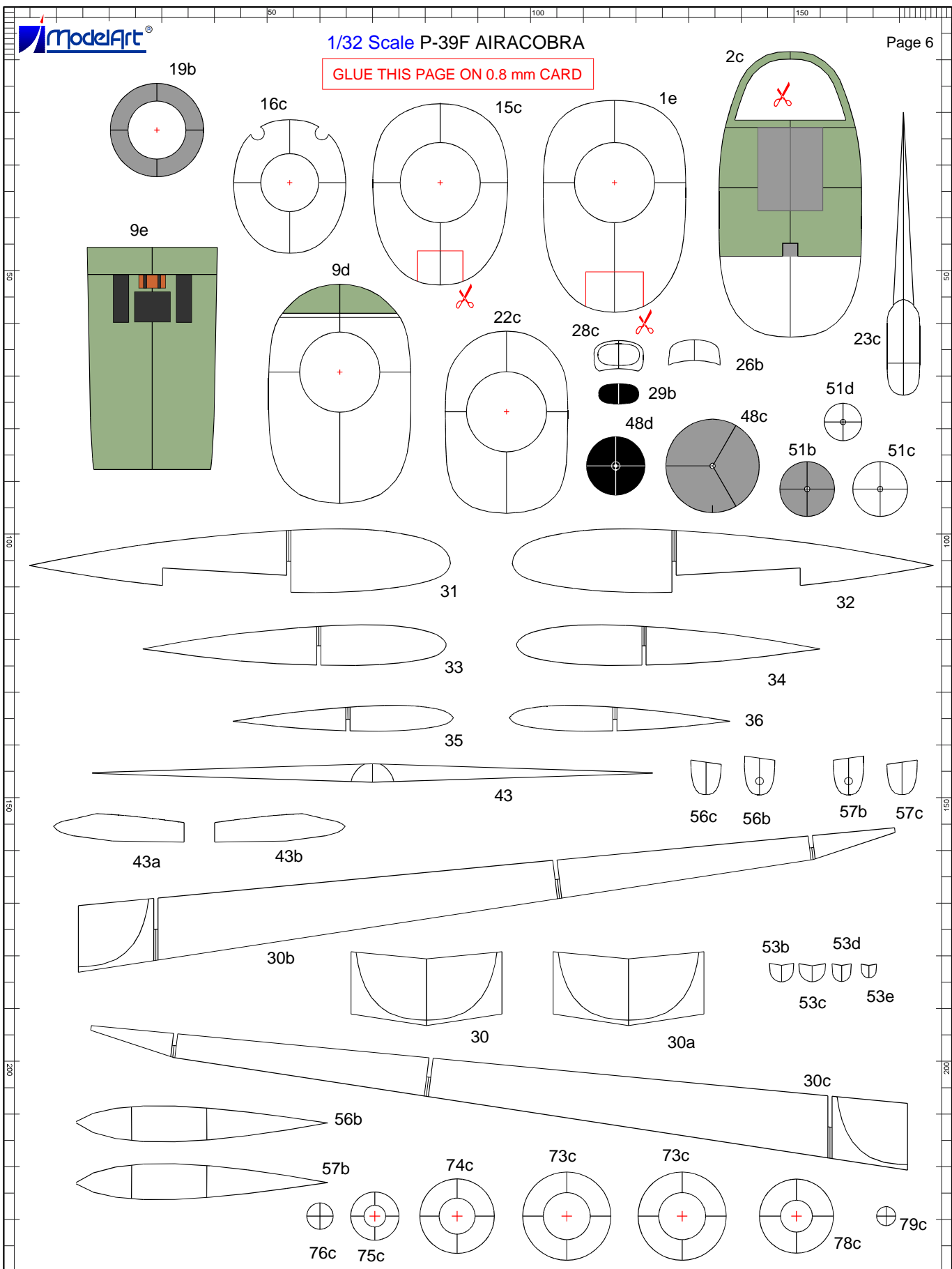
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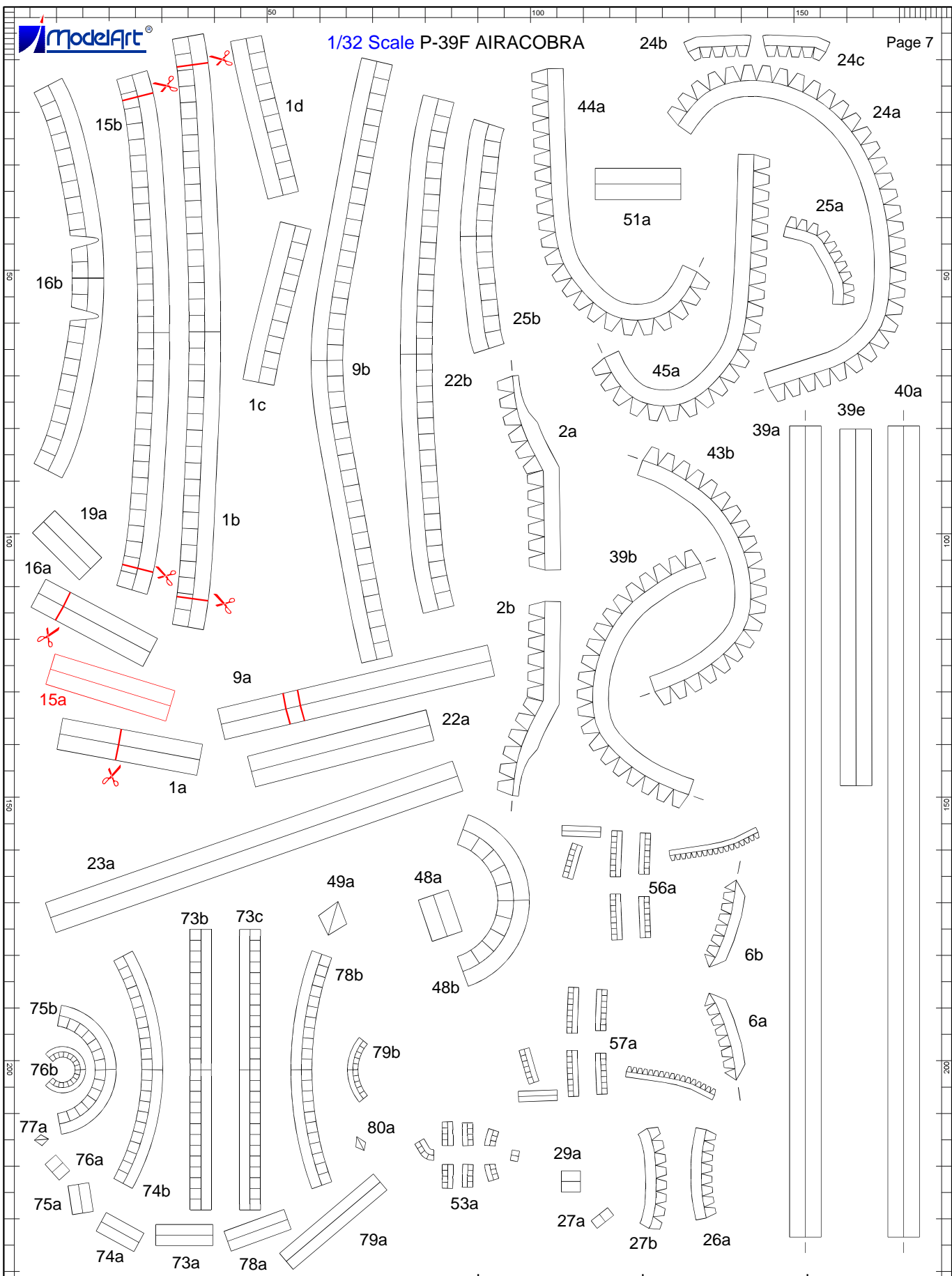


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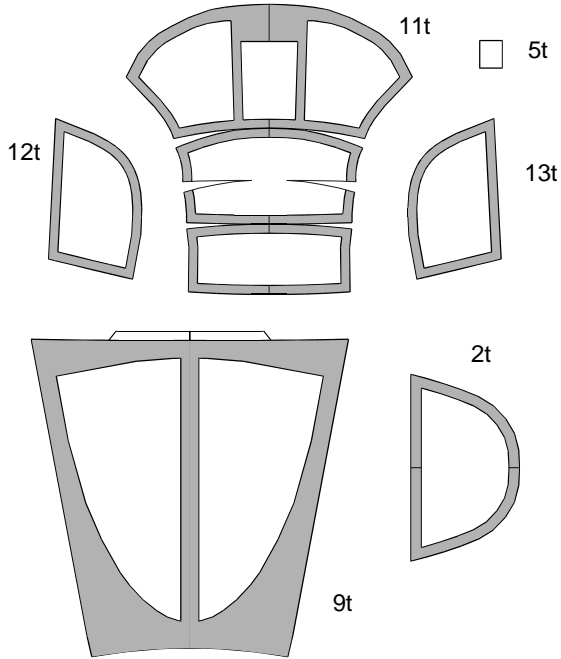


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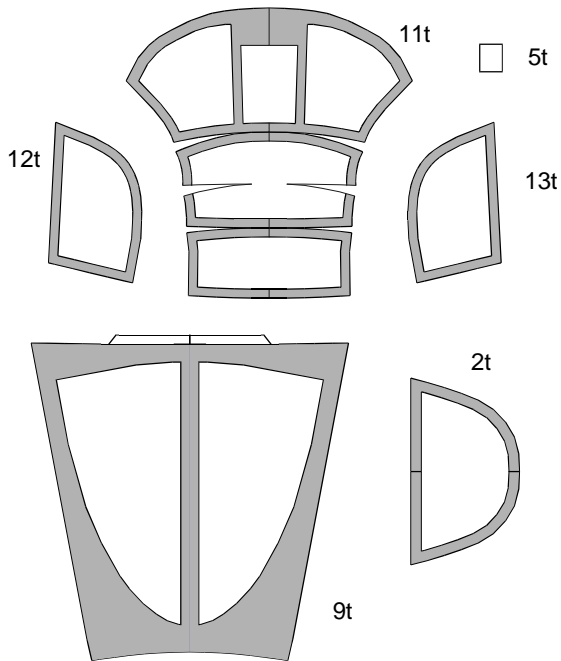
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WARNING

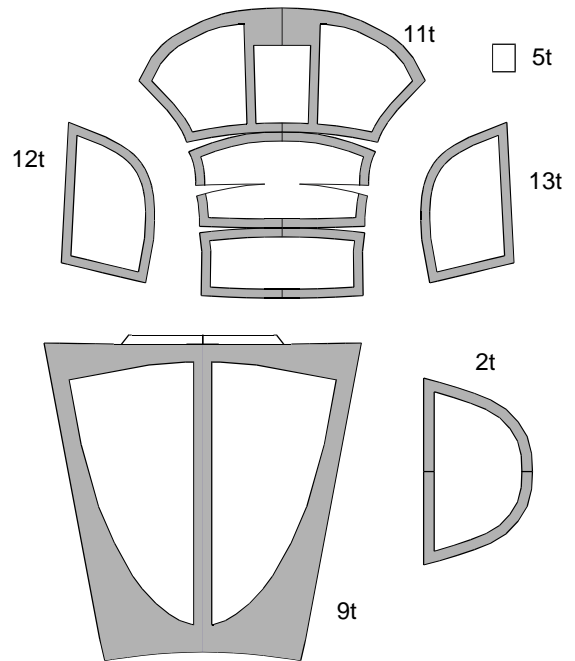
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