

BUILD BOOK



wingspan: 3,05 m • length: 2,85 m • engine: 150–200 ccm • weight: 18–19 kg







BUILD BOOK

Thank you for buying this kit and wish you a pleasant building.





WWW.BADAN.CZ





Preparing polystyrene parts - turtledeck



In the form we paste balsa 1.5 mm plate to polystyrene part - turtledeck



Cut the front to the right angle



In the form we paste balsa 1.5 mm plate to polystyrene part - bottom of fuselage



In the form we paste balsa 1.5 mm plate to polystyrene part - bottom of fuselage



In the form we paste balsa 1.5 mm plate to polystyrene part - bottom of fuselage





Prepare and clean parts of engine lodge



Prepare and clean parts of engine lodge



Prepare and clean parts of engine lodge



Gluing the side hull of two parts



Sticking reinforcements on the inside sidewall



Sticking reinforcements on the inside sidewall







Sticking spruce strips 5x5 mm

Gluing bbulkheads to the engine lodge



Fit and paste upper base to the motor lodge



Add gradually next bulkheads and fit them to the bottom base



Add rudder bulhead



This bulkhead will be glued to the bottom polystyrene part





Cutting the bottom part for placing landing gear



Cutting the bottom part for placing landing gear



Use PU glue for all polystyrene parts



We provide a wide adhesive tape and let dry for 2 hours



Fitting of the tail landing gear holder - two mother plunges M4 inside



Glue well this part - no polysytrene should be visible





Fitting test of landing gear



Preparation of canopy frame



Preparation of canopy frame



Preparation of canopy frame



Preparation of canopy frame - sandvitch with balsa 1.5 mm again



Don't cover all with balsa - part under canopy will be cut out then





Paste screw holders from 6 mm ply - mother plunges M5 are inside



Paste both top parts of canopy frame



Line the canopy shape



Cut out the PS part under canopy



Paste balsa 1.5 mm on all visible PS parts



Assembling canopy frame with the fuselage



Rudder



Cut bottom part of rudder (same angle as turtledeck has)



Pushing the rudder bulkhead and into the prepared hole in the back of turtledeck



Notches for halfribs - make them 10 mm wide



Gluing halfribs



Paste both parts of rudder together



Rudder ready for balsa 1,5mm covering



Rudder



Procedure 1. Cover balsa 1.5 mm frontal part we can do in the negative form firstly and then glue the sides of the rudder Postup 2. Or in the case of reverse procedure (first stick side sheets of rudder) we needn't negative form and frontal balsa sheet we stick only with papertape - I recommend this procedure No. 2 (for all similar parts)



Covering with balsa 1.5 mm



Covering with balsa 1.5 mm



Cut holes for final gluing of rudder control horn



Attach the upper rudder rib - glue rudder hinge from fiberglass 3 mm under



Rudder





Covering with balsa 1.5 mm

Assembling and gluing rudder into fuselage notch



Using the kit if it is necessary



Sticking a screw-fitting aluminum L profiles under the landing gear plate for greater certainty of strength



Fitting mother plunges M5 to the engine cowling bulkhead



Fitting mother plunges M5 to the first fuselage bulkhead





Fitting ink-lines to the engine cowling bulkhead



Gluing together with engine cowling



Use balsa 2 mm to make this shape



Use balsa 2 mm to make this shape



Use balsa 2 mm to make this shape



Kit and abrase for achieving of optimal lines



Wing





Preparing parts for the wing

Preparing parts for the wing





Use 16 mm rods and then paste the wing frame



Paste spruces 5x10 mm



Paste spruces 5x10 mm



Wing





Cover wings with lightweight balsa 2 mm





Cut holes for servo frames



Cut holes for servo frames



Preparing polystyrene parts for ailerons



Measure notches for halfribs



Wing





Notches for halfribs - 10 mm wide



Gluing halfribs with PUR glue - with brass tube 4 mm inside



Aileron covered with balsa 1.5 mm



With installed aileron we glue hinges inside wing - put a block of wood to each hinge on both sides and glue with epoxy



Cutting notches for control horns of aileron



Elevator



Preparation of halfribs and notches into elevator



Paste both parts of aileron - with halfribs inside



Gluing halfribs with PUR glue - with brass tube 4 mm inside



Pasting of stabilizer construction



Assembling and gluing horns with installed brass tubes 4 mm



Assembling stabilizer with elevator - then glue all horns and tube sleeve inside with elevator



Instrument panel and engine cowling



Bottom of cockpit - hard balsa 2 mm



Preparing top of instrument panel



Cut shape of instrument panel according to the sticker and place it well



Completed cockpit



Cut "shark" notches



Cut "shark" notches



Completion



Covering the model in the usual way, fit togehther and use labels



Finished model



BUILD BOOK

See the offer of our other models ...



WWW.BADAN.CZ





WWW.BADAN.CZ