

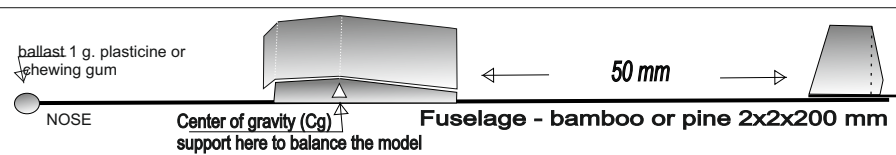
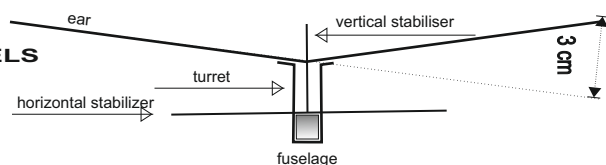
# WOJAN 1

PAPERLY - WOODENLY MODEL FOR BEGINNERS AND MEDIUM ADVANCED

## RULES FOR CONSTRUCTION OF "WOJAN" CARTON MODELS

Read carefully all descriptions, these are tips  
how to properly make a given element of the model.  
Cut so that the element's contour line remains.  
Use the anhydrous (preferably polymer) adhesive  
Apply glue every 2 mm with very small drops

WOJAN 1 - minimal of weight - 4 g



First balance the model and then "teach" it to fly using the controls (stabilisers)

## ORGANIZATION OF WORK

1. Enter your characters, initials or license number on the wings
2. With the ruler, press all bending lines - - - - with a hard pencil:
3. Cut out all model elements (solid lines):
4. Bend the carton up or down, respectively (tower, wings and stabilisers), pressing with a finger along the bending line - - -
5. Partially trim the sash along the red cutting line:
6. Apply glue droplets to the edge of the cut line.
7. Glue the cut edge of the ear exactly along the dots to create a convex wing profile and a bend V .
8. glue to the fuselage: stabilizers, turret and finally the wing.

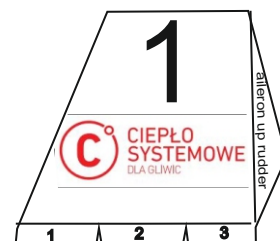
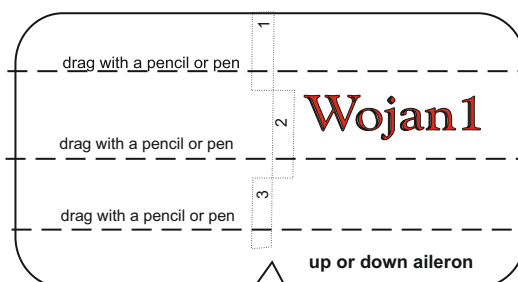
## BALANCING and pre-flight control.

Apply about 1 g of plasticine or chewing gums to the nose.  
Support the wings in the center of gravity "Cg" on open scissors.  
The model must remain horizontal.

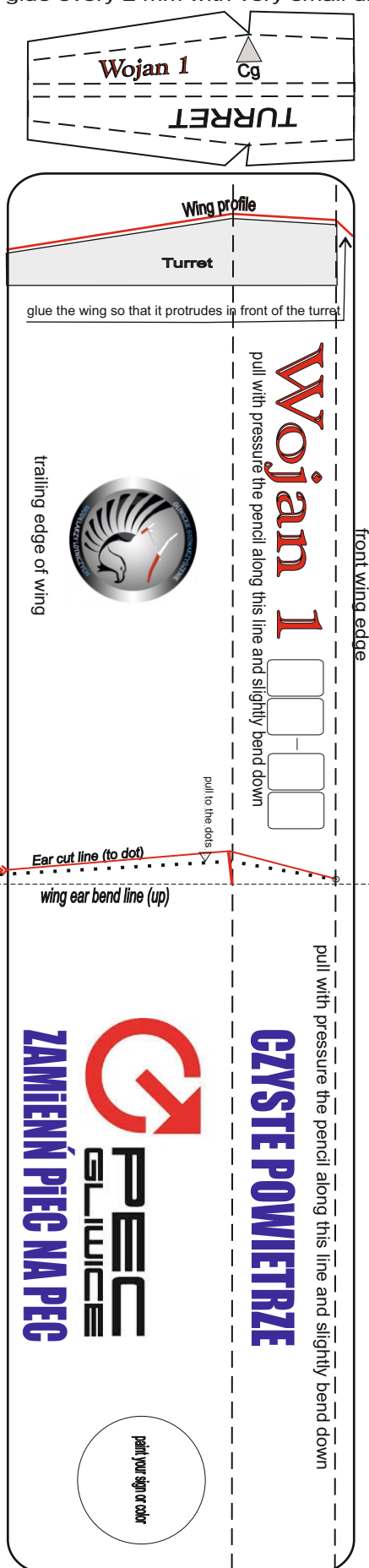
At the back, check that the wings are not twisted.  
(The visible left and right surfaces must be even.)

**First flight:** Catch the model (in front of the wing) and push parallel to the floor. The model should fly parallel to the floor, slowly going down. If it "quilting" (down), tilt the rudder up. When it goes up, you give the rudder down.  
The flight direction is controlled by the rudder aileron.

How to bend a cardboard? Give the fold lines on the edge of the table and drag with your finger with light pressure



It's projekt of the autor's manuscript . I agree to make 5 copies of this project free of charge as part of the action: "Quarantine? Fine !! I stay at home and build models." Reproduction of this manuscript and its use for commercial purposes requires the author's consent: Jan WOJTAK tel. + 48 608591862; (Poland) mail - to: > jan.wojtak@interia.pl <



WOJAN -1 "is the first class (out of 8) of the" WOJAN "model family with a wingspan of 220 to 420 mm. Each subsequent class is an extension of the previous class. Classes 1-6 are the basic classes for learning modelers. The cycle ends with the class "INSTRUCTOR" and the class "SENIOR" - in the form of the most difficult to master "flying wing". The presented method of cutting and gluing paper elements (I am it's author) makes it possible to connect many planes at different angles. Exploring, building and flying all subsequent classes of "Wojan" models prepares modelers for independent design and construction of their own structures at home, even without the help of instructors.