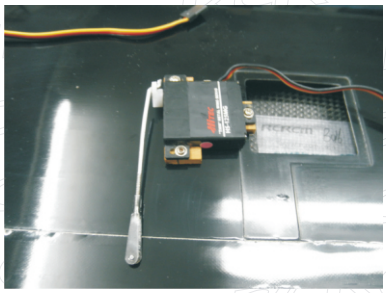
TUCAN - Instruction Manual

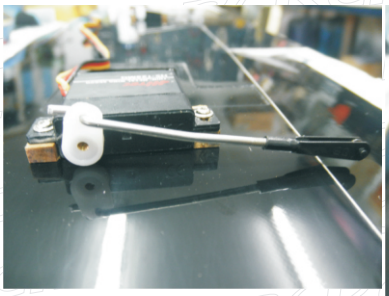
Unpacking

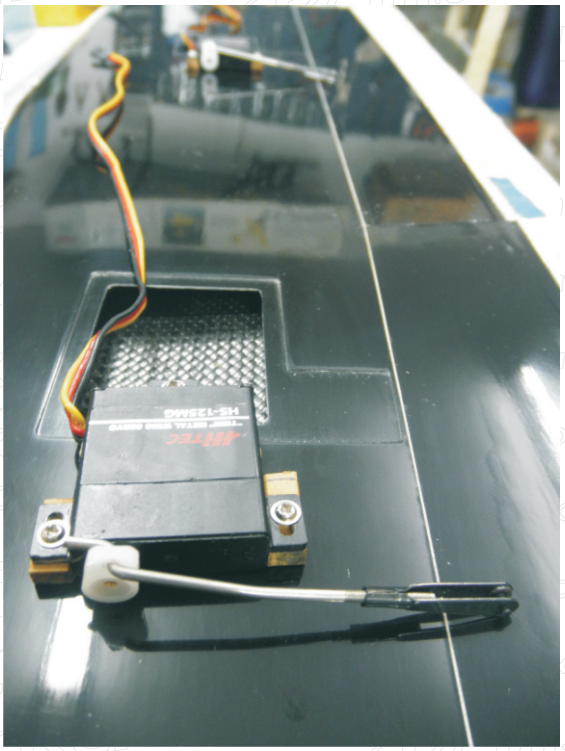
- Please unpack the plane carefully making sure that you have retrieved all of the small parts.
- Don’t throw the box out until you are 100% sure it’s empty!
- Check that all the parts are supplied.
- If any are missing please contact your vendor immediately.

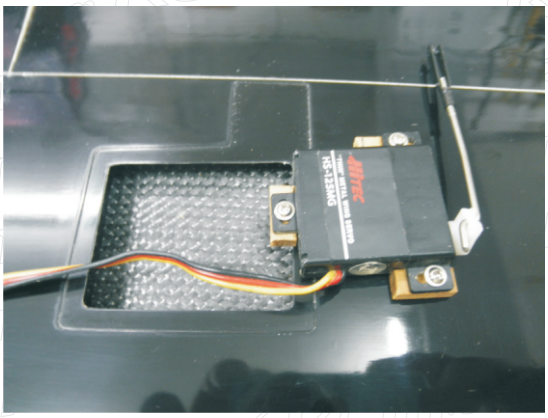
Wings

Control horns for ailerons and flaps

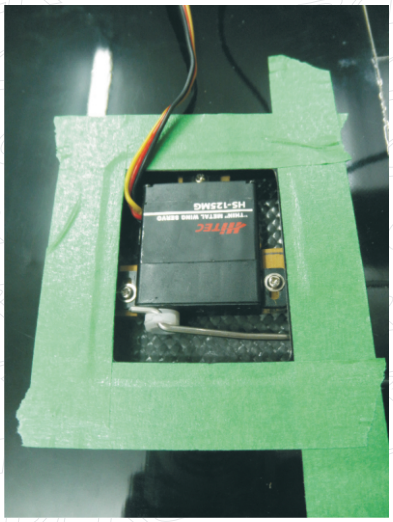


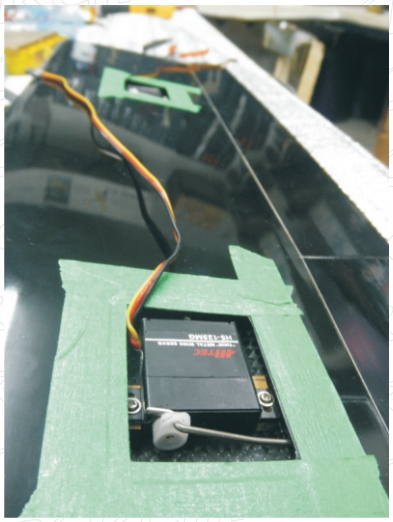






- Make up control rods and clevises using the parts supplied.
- The flap rods and the ailerons should be about 60 mm including clevis length - but check before you cut!

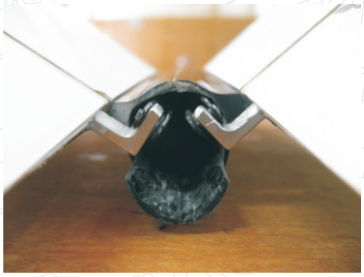




- Zero the servos by using your R/C unit.
- Remember! Aileron servo arms can be set to 90 degrees, but the flaps need to have about a 10 degree offset towards the leading edge

- When the wiring harness is positioned inside the wing and accessible, servos can be installed.
- First, check the position of the servos to make sure they are all symmetrical (In the same place) in each wing.
- Install the control rods on to the servos and check that they do not bind, are snug but not too loose or to tight.
- Tape the control surfaces flat with masking tape.
- Assemble the completed set of servos, and control rods.
- When you are satisfied that you have the correct position for the servo – glue them in using a slow set epoxy,
- When cured and secure, connect the servos to the wring harness and check for zeros, then for free and adequate movement. Adjust using the clevises if needed. (See the control settings section a the back of this manual for control movements)
- Finally, check the fit of the servo hatch covers and sand if not snug.
- Then put some double sided tape on the underside and install all on to the servos hatches.

Fuselaje

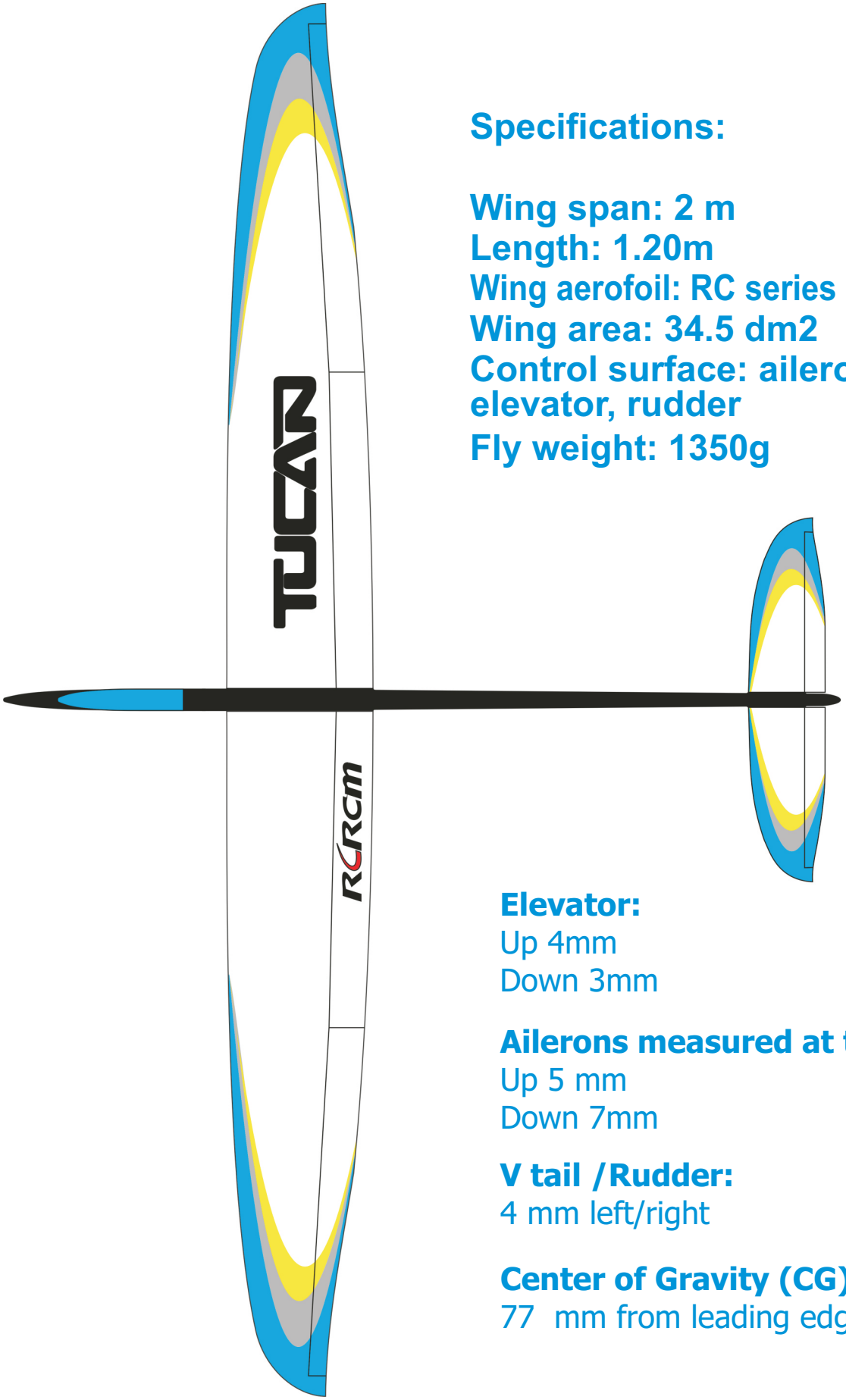


TUCAN

SLOPE GLIDER

designed by carlos pisarello

RCRCM.com



Specifications:

Wing span: 2 m
Length: 1.20m
Wing aerofoil: RC series
Wing area: 34.5 dm2
Control surface: ailerons, flaps, elevator, rudder
Fly weight: 1350g

Elevator:
Up 4mm
Down 3mm

Ailerons measured at tips:
Up 5 mm
Down 7mm

V tail /Rudder:
4 mm left/right

Center of Gravity (CG):
77 mm from leading edge