TOBA F3B-F3F 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.

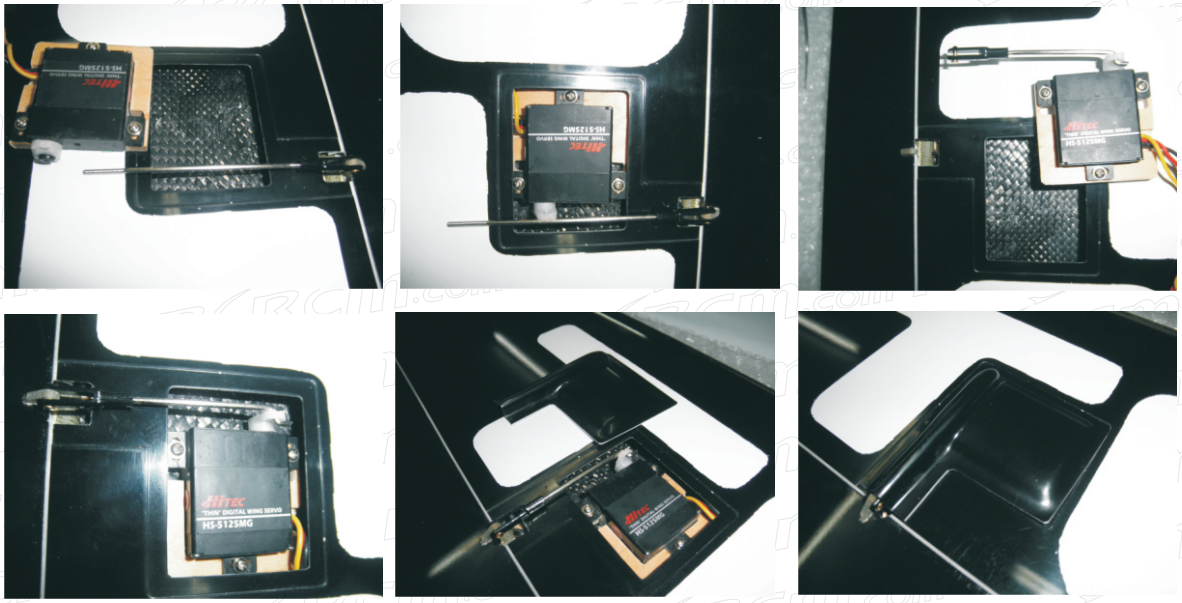
TOBA F3B/F3F parts

Before construction

- Start with a clean workbench and cover it with some foam, or a soft thick cloth to protect the finish of the wings and fuselage as you work.
- Be careful not to place the wings or fuselage on any screws or tools etc that can dent or scratch the skin.
- Be very careful using epoxy and CA so that you don't get any on to the surfaces of the model during assembly.
- You can tick off the bullet points on this instruction manual if you want to follow it to the letter.
- Remember - check twice – cut once!

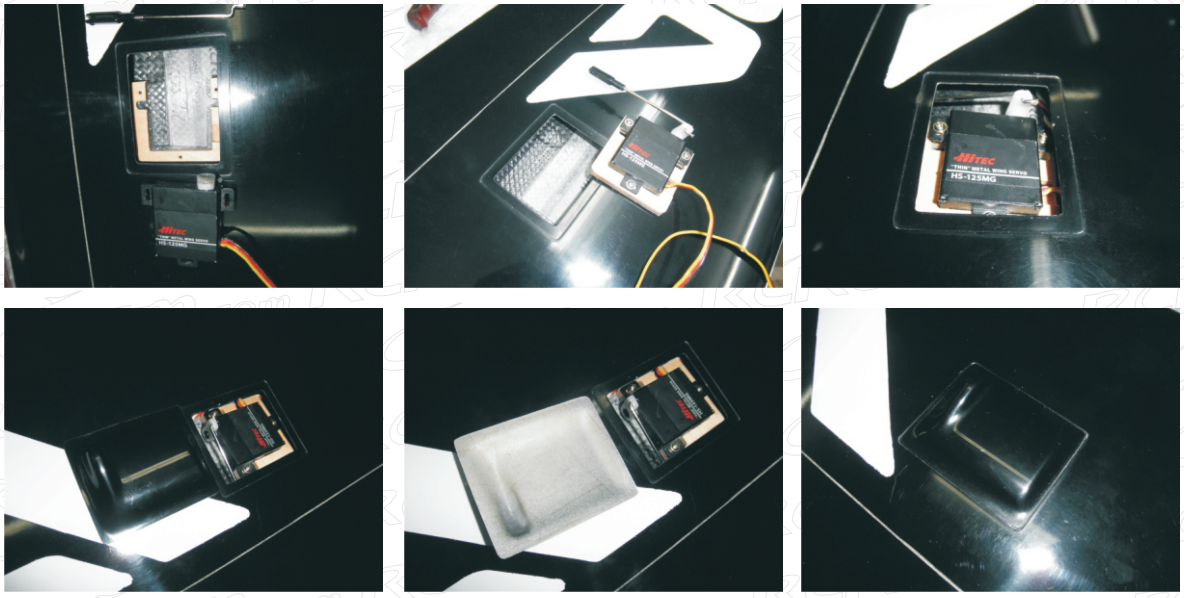
Wings

Control horns for ailerons



- Make up control rods and clevises using the parts supplied.
- The flap rods and the ailerons should be about 63 mm including clevis length - but check before you cut!

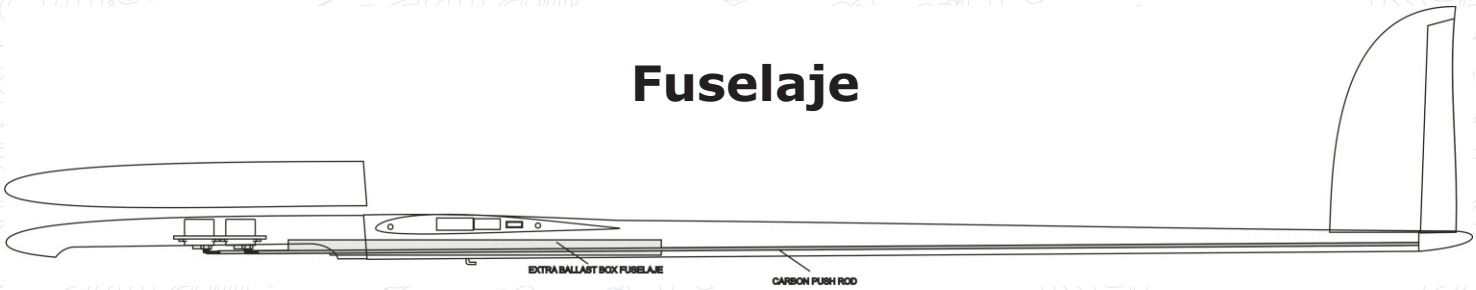
Control horns for flaps



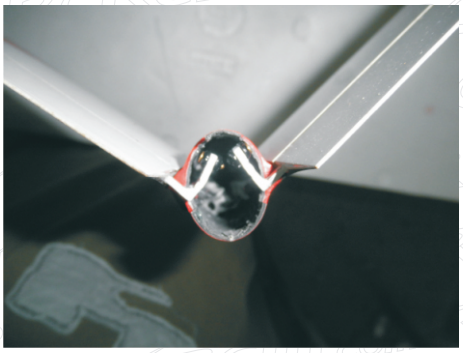
- Zero the servos by using your R/C unit.
- Remember! Aileron servo arms can be set to 90 degrees, but the flaps need to have about a 10 degree offset towards the leading edge

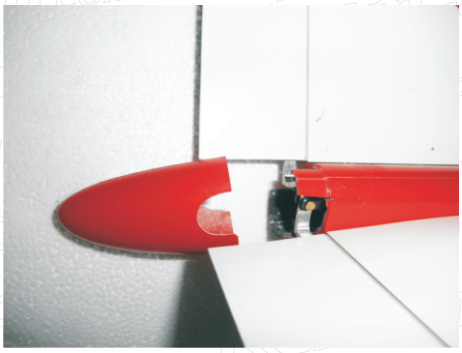
- When the wiring harness is positioned inside the wing and accessible, servos can be installed.
- First, check the position of the servos to make sure they are all symmetrical (In the same place) in each wing.
- Install the control rods on to the servos and check that they do not bind, are snug but 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.

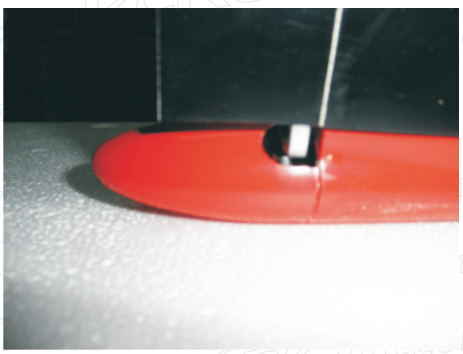
Fuselaje



Hook
92 mm from leading edge







TO3A

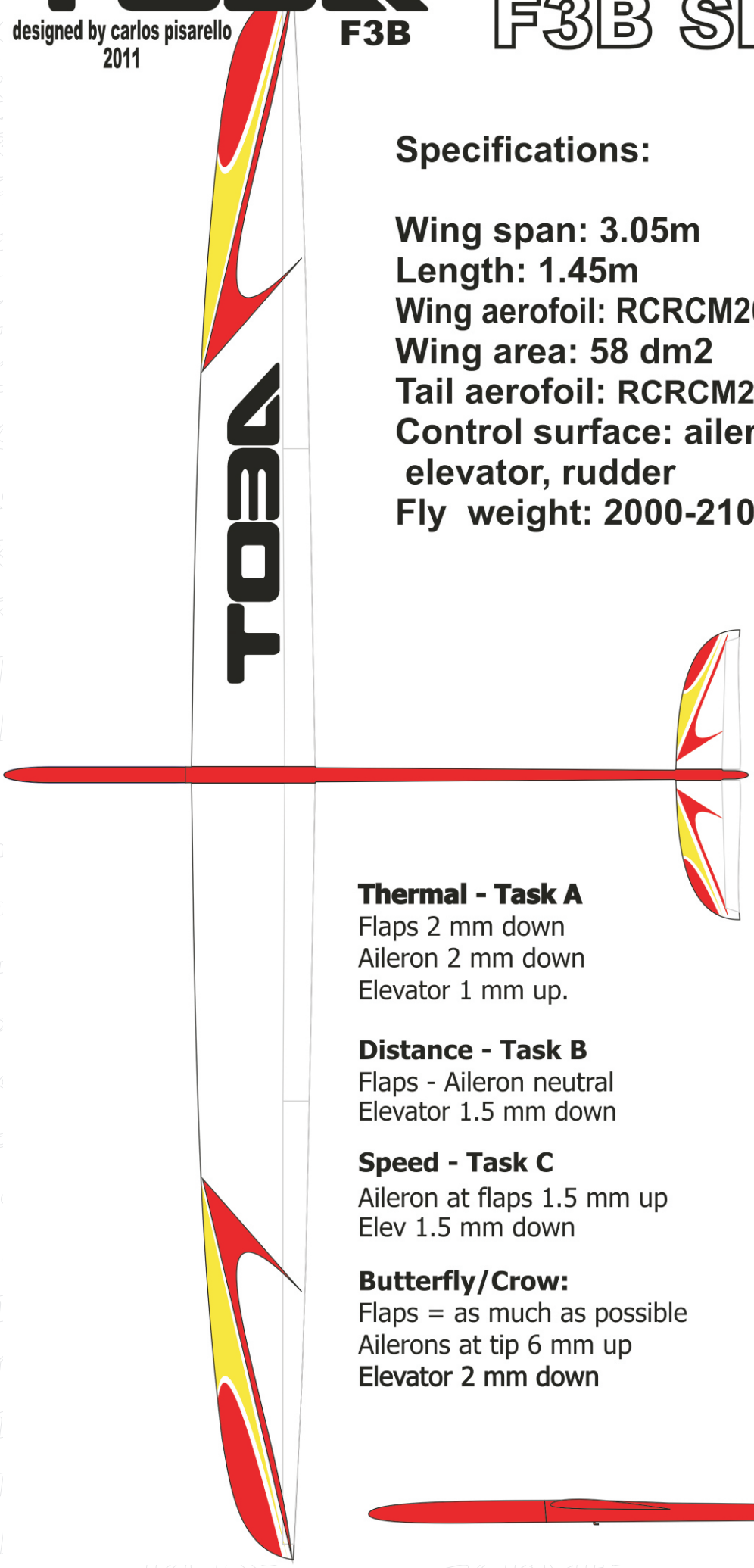
designed by carlos pisarello
2011

F3B

F3B SETTINGS

Specifications:

Wing span: 3.05m
Length: 1.45m
Wing aerofoil: RCRCM2010-8 - 8% to 7% blended
Wing area: 58 dm2
Tail aerofoil: RCRCM2010-10
Control surface: ailerons, flaps, elevator, rudder
Fly weight: 2000-2100g



RCRCM
F3B TEAM

Thermal - Task A
Flaps 2 mm down
Aileron 2 mm down
Elevator 1 mm up.

Distance - Task B
Flaps - Aileron neutral
Elevator 1.5 mm down

Speed - Task C
Aileron at flaps 1.5 mm up
Elev 1.5 mm down

Butterfly/Crow:
Flaps = as much as possible
Ailerons at tip 6 mm up
Elevator 2 mm down

Elevator:
Up 5mm
Down 4mm

Ailerons measured at tips:
Up 8 mm
Down 6mm

V tail /Rudder:
5 mm left/right

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

Hook
92 mm from leading edge