

## Installation Manual for SteFly Side Opening Canopy Connector “Astir CS”

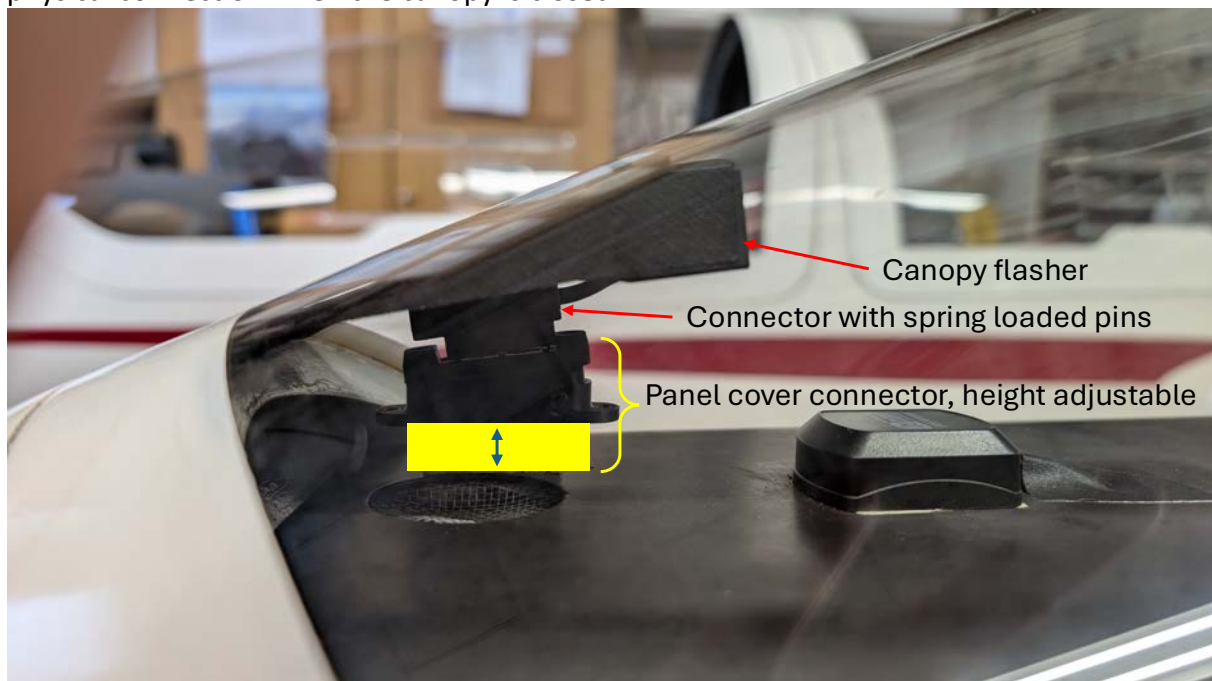
Parts of the side opening canopy connector:



- a) SteFly Canopy Flasher with integrated side opening canopy connector at the bottom
- b) Panel cover connector with cable leading to the control box (or on/off switch in case of Essential version)

Overview of the installation location

The flasher housing will be installed centered in the front part of the canopy. The panel cover connector will be installed in such a way that the 3 spring loaded connectors have physical connection when the canopy is closed.



For Astir CS this means that the panel connector is installed right from the center line, next to the ventilation cut out.



#### Installation procedure

- Install the canopy flasher like described in “SteFly Canopy Flasher Manual”; do not forget to degrease the bonding surface of the canopy inside in the area of the canopy flasher. Use e.g. water with dishwashing detergent, isopropanol or benzene-free petroleum ether, but never acetone or other alcohol as these solvents may cause micro cracks!



- Install the panel cover connector:
  - Disassemble the panel cover connector and remove the cable and PCB
  - Reassemble the nylon parts again, but tighten the screws only slightly
  - Put double sided adhesive tape on the underside of the nylon part, which will be in contact to the panel cover
  - Remove the protective film from the double-sided adhesive tape and position the panel cover connector on the surface of the panel cover. The two fixation holes need to be on the right side



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- Close the canopy and adjust the position of the panel cover until it is located directly under the connector of the canopy flasher.
- Remove the instrument panel cover to check that the connector may be fixed with screws at this position. Drill the two holes with 3,2 mm diameter and implement a centered cutout for the cable connector



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- Assemble the PCB with cable into the nylon parts of the canopy cover connector again. **The “UP-arrow” must point to the left / away from the two fixation screws (see image above).**
- Install the instrument panel cover again
- Then close the canopy slowly and adjust the height of adjustable panel cover connector. The goal is that all three spring loaded pins touch the PCB when the canopy is closed.
- To secure the position, tighten all four black screws
- Install the Flarm Control Box and the ACL switch in the panel according to “SteFly Canopy Flasher Manual”.

Test the Flasher:

Canopy Flasher with Control Box (for more details and photos see “SteFly Canopy Flasher Manual”):

- Switch ACL switch on
- Close the canopy: the flasher should flash twice with small intensity
- Search and connect with WiFi network “SteFly-Flasher-...” on your mobile device or laptop (WiFi of the control box is automatically activated for 3 minutes after switching on)
- Enter the password 11221122 and click on “Connect”
- After some seconds the message “SteFly-Flasher-... has no internet access” may appear. Click on the message. Confirm that the connection should be maintained even though there is no online access (Yes).
- Type in `http://192.168.0.1` in a browser and the web application will open
- Check that nobody is looking directly in the canopy flasher
- Click on “test”; the LED will flash for 30 seconds with high intensity

Canopy Flasher Essential:

- Switch ACL switch on
- Close the canopy: the flasher should flash twice with low intensity and then constantly with normal intensity