



Research Internship

Integration and Testing of a Ground Control Station for UAV (Airship)

Task:

You are part of a team integrating and testing a Ground Control Station (GCS) for UAV. In this case a GCS, which is integrated into a van to control an airship. As the components of the already designed GCS arrive, integration is starting. For this purpose, initial unit tests of the arriving components need to be done. After successful testing, the components are mechanically and electrically integrated in the GCS-Structure. This comprises the design of holders and arrangements, as well as hands-on work such as wiring, crimping and mounting the components. You will see the GCS take form from single arriving components to the final, running system. Also, as the Airship is integrated in parallel, testing together in a hangar will be part of the assignment. Further, if you are interested, participation in flight-tests are possible. Moreover, future test and integration work, as well as programming tasks can be offered, depending on your individual background.

Requirements:

- Speaking German or English
- You can work independently as well as in a team
- Desired Skills
 - Basic knowledge of crimping and mechanical work
 - Clean working approach
 - Understanding complex systems
 - Bonus: electrical training/education

Start:

Any time

