

# Join Space Team Aachen

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## Recovery Engineer - Airbag

### Project ASTRID

#### About Space Team Aachen

The Space Team Aachen is a space science association founded by students of the Aachen universities. Our team is formed of ambitious students from a variety of fields who share the fascination for space exploration. Our team designs, builds and flies experimental rockets and scientific experiments. We set high, challenging goals in order to reach our best performance. We believe in equality and stand for the exchange of our aggregated knowledge.

#### Your responsibilities

As part of the ASTRID team you will be designing and flying Space Team Aachen's next competition rocket with which we aim to compete in the 3 km SRAD hybrid propulsion category of the European Rocketry Challenge in October 2026.

As a Recovery Engineer responsible for additional calculation for our airbag system, your tasks will include:

- Calculate orifice diameter of the airbag
- Additional flow calculations and simulation ensuring optimal airbag deploy, pressurization and burst after touchdown

#### Our requirements

- Fluidmechanics knowledge required
- Gasdynamics knowledge optional
- Ability to work in a team together with other students
- Ability to take responsibility and work independently
- High motivation & reliability
- Fluent in English or German

#### What do we offer

- Be a part of a team of an association with over 200 members and some of the largest aerospace projects in Aachen
- Interdisciplinary teamwork in a highly motivated team
- Apply your theoretical knowledge in a real-world project
- Get in touch with like-minded people
- Participate in the biggest rocketry competition in Europe and have fun!

#### Interested ?

Send your application to

[application@sta.rwth-aachen.de](mailto:application@sta.rwth-aachen.de)

