

# German Aviation Club (DAEC)

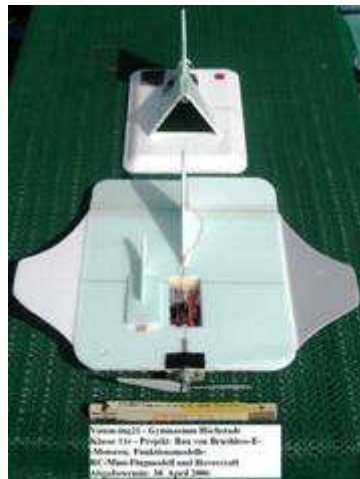
## FAI -Aviation and Space Education Commission

### Report: 4 - 2006

Beside the regular consulting activity we want to highlight the following topics:

1. Because of demographic influences aviation clubs are missing more and more youngsters. (samples: I got three calls with the content that the local club has gliders – but no pilots!! )
2. New European Union (EU)-regulations and national aviation laws are attacking live with restrivtice rules. Some of these rules are killing motivation.
3. Because of the continued economic crisis many people are afraid of unemployment. This restricts a lot investment in leisure activities.
4. FAI-ART-CONTEST is not used as an aviation-promotion activity in germany. The results in the various german countries are frustrating:.Only 65 paintings arrived in our headquarter.:  
<http://www.daec.de/schule/malw.htm>
5. Germany (and most European countries) are facing an upcoming lag of young engineers. Different projects were started:
  - a. „Promotion to study engineering!” >>> <http://www.foerderkreis-ingenieurstudium.de/>  
Parents, professors and companies founded this club / association which develops different strategies to bring youngsters in contact with technical objects.  
My students participate in a competition with two projects: constructing a RC hovercraft-model and constructing an ultralight and very small model-plane. The deadline for the written report is: 30. April 2006.

Foto:



- b. “Fly and job” – a national weekend for about 250 yougsters who are member in an aviationclub. Sponsered by Lufthans, Airbus etc. URL: <http://www.flyandjob.de/>
- c. University Bremen started a new cooperation with two secondary schools. This cooperation offers special lectures about aviation and space science and includes hands-on-learning in university laboratories.

## 6. Special report from Saxony:

In Saxony, the topic *fly* was accepted from school year 2003/04 in the syllabus, compartment physics. This circumstance procured the *Model Flight Club Rossendorf* much popularity to the project-days *model-flight and aeronautics*. In this program, the milestones of the aeronautics and the flight-physics are offered the children along the aeronautics-history. Afterwards the students build a simple, airworthy model and experience in this way a connection of theory and practice.

In 2005 roughly 400 pupils from schools of Dresden and around took part at this program. Mostly, it was students from the fifth to seventh classes.

In a club the model-flight offers a good possibility to treat flight-specific projects with students. The school-knowledge can be applied to problems which comes from the hobby-area. That yields a high motivation to the treatment of the tasks.

The most recent project in Rossendorf involved the development of a gliding-model, competition class F3J (soaring by thermic upcurrent). Student-groups of different age processed part-tasks. Two students reported on it in a trainee-meeting of the German society for air and space travel (Deutsche Gesellschaft für Luft- und Raumfahrt, DGLR).

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