## **FORMULA STUDENT GERMANY**

Impact Attenuator Data Form - Standard IA Design



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This form must be completed and uploaded to the "My Team" area on the FSG website **no later than the date specified** in the Action Deadlines. A printed copy of this form must be presented together with the vehicle at Technical Inspection.

The Impact Attenuator Data (IAD) and supporting calculations must be submitted electronically in Adobe Acrobat format (\*.pdf).

# **Contact Details**

Car Number
University Name

#### **Team Contact Person**

Last name, First Name Telephone Number

E-mail address

Please NOTE: FS Germany accepts only dynamic test as mentioned in T3.19.1!

Please NOTE: In case a dynamic test is performed, a certificate including contact details of and signed by

either the institute where the test was performed, or a responsible of the university must be

included in the report.

# **Attach Proof of Impact Attenuator**

## If the IA (Impact Attenuator) is a "Standard IA Design", the following points must be included:

- 1. The first page must always be this FSG Impact Attenuator Data Form
- 2. The report must be written in "engineering style" (e.g. contents, captions, symbols and abbreviations, page numbers)
- 3. Design of IA, positioning on the AIP and IA volume (T3.17.2) above the ground (dimensions in mm)
- 4. Method for attachment of the IA to the AIP (including data sheets e.g. if it bonded together)
- 5. Dimensions of the front bulkhead (dimensions in mm)
- 6. Proof of additional diagonal or X-bracing in the bulkhead or equivalent per T3.17.7, if applicable
- 7. Design of the AIP (material, thickness and dimension in mm)
- 8. Method for attachment of the IA assembly (AIP) to the front bulkhead
- 9. Receipt of the material, a packing slip or letter of donation of the IA
- 10. Pictures (or sketches) of the attachment on the car
- 11. Please comply with the particular rules for front wings and positioning of non-crushable such as sensors, if applicable