

**IIS 052**  
**Graphite Ailerons with Canted Tabs**

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**Abstract**

This project concerns canted tabs (CTs) mounted on aircraft ailerons. The proposal addresses two important questions: the adaptable stability of aircrafts and low cost/high tolerance composite manufacturing of structures such as aerodynamic control surfaces (ailerons). Partner companies include Materials Sciences Corporation (Fort Washington, PA), Boeing Helicopter (Philadelphia, PA) and DIAB, Inc. (DeSoto, TX).