

Fabrication, Integration, and Initial Testing of a SMART Rotor*

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Abstract

Sandia National Laboratories has designed and built a full set of three 9-meter blades (based on the Sandia CX-100 blade design) equipped with active aerodynamic blade load control surfaces on the outboard trailing edges. The fabrication of the blades, modifications to allow integration of the active control modules, and test results to date are presented.

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** Sandia is a multiprogram laboratory operated by Sandia Corporation, a Lockheed Martin Company, for the United States Department of Energy's National Nuclear Security Administration under contract DE-AC04-94AL85000.