101 Engineering Management
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The mission of the Center for Aerospace Manufacturing Technologies
(CAMT) is to serve as a center of excellence to research, develop,
evaluate and demonstrate new and optimal methodologies and tools
for the rapid and cost-effective manufacture of aerospace components
and products and to promote new education and training programs for
the evolving aerospace manufacturing workforce, resulting in significant
technological advancement and national economic impact.

CAMT was established in May 2004 at Missouri S&T in partnership with
Boeing through major funding from the Air Force Research Laboratory in
Dayton, Ohio, with the following objectives:

• Research, develop, evaluate, demonstrate and transfer advanced
technologies of critical importance to the Air Force and the aerospace
supply chain in the United States.

• Create knowledge, methodologies and tools to improve affordability,
rapidity, quality, productivity, reliability, and safety in aerospace
manufacturing.

• Disseminate the generated results to the aerospace supply chain
through direct technology transfer as well as education, training and
outreach activities.

• Serve as a role model of university-industry-government collaborative
relationship.

CAMT has an array of technologies devoted to advancing manufacturing
fabrication and assembly. The interdisciplinary teams, along with
advanced equipment and facilities, have created a substantial technology
force at Missouri S&T. Realizing the value and importance of CAMT
to the entire U.S. aerospace industry, the CAMT Industrial Consortium
was established in 2007. Through this, CAMT benefits all consortium
members, and its R&D activities are directed by the consortium members.