The Center for Aerospace Manufacturing Technologies (CAMT) is dedicated to advancing manufacturing technologies and methodologies for aerospace components and products. Established in May 2004, CAMT is a collaborative effort involving Missouri S&T, Boeing, and the Air Force Research Laboratory. Its mission is to develop and demonstrate new and optimal methodologies for rapid and cost-effective aerospace manufacturing, with a focus on improving affordability, rapidity, quality, productivity, reliability, and safety. CAMT also serves as a role model of university-industry-government collaboration.

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.