WSU Ventures at Wichita State University announces a new license agreement with Granta Design for the use of the shared materials database developed by the National Center for Advanced Materials Performance (NCAMP).

The license agreement allows Granta Design to use NCAMP’s comprehensive resource of composite design and test data in the GRANTA MI materials information management system. NCAMP data has been and will still be available through downloadable reports on the NCAMP website, but the agreement with Granta allows for the data to continue to be published in the user-friendly GRANTA MI software and includes additional in-depth data and quick access to data updates. GRANTA MI integration means that NCAMP data can be made available alongside a company’s own managed materials data and a comprehensive library of third party reference information.

“NCAMP data is the gold standard source for composite test and design data in aerospace and similar applications,” said Dr. Will Marsden, Director of Industry Relations at Granta. “We’re delighted to have secured enhanced access to current and future versions of this data for our users.”

Composite specification and design values developed using the NCAMP process are accepted by the Federal Aviation Administration and the European Aviation Safety Agency per FAA Memorandum AIR100-2010-120-003 and EASA Certification Memorandum CM-S-004.

Using NCAMP data is beneficial to aircraft manufacturers because instead of qualifying an entire material system, they can choose a system from the NCAMP database, prove equivalency and gain certification in a quicker and cheaper manner than a typical qualification approach. Material suppliers can work with NCAMP to qualify material systems without having to be linked to an ongoing aircraft certification program.

Users of GRANTA MI can use NCAMP data to compare with their own data and further build up their resources of composite test and design data, enabling comparison and analysis alongside in-house data, and thus faster and more reliable qualification of composite systems.

“We’re pleased to be working with Granta to provide access to the NCAMP data within the GRANTA MI system, making it even easier to apply this valuable data and use it alongside proprietary results,” said John Tomblin, NCAMP director and WSU vice president for research and technology transfer.

NCAMP is operated through WSU’s National Institute for Aviation Research. The program stemmed from NASA’s 1995 Advanced General Aviation Transport Experiment (AGATE). www.niar.wichita.edu/ncamp

Granta develops software for managing materials and process information in engineering enterprises, and a series of tools for applying that data to key materials and product design decisions. Granta serves sectors as diverse as aerospace, defense, energy, medical devices, automotive, motorsports, manufacture of consumer and industrial equipment, materials production and publishing. Granta was founded in 1994 as a spinout from the University of Cambridge and the work of Professors Mike Ashby and David Cebon. www.grantadesign.com

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