



NEWS RELEASE

Connecticut Academy of Science and Engineering

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FOR IMMEDIATE RELEASE

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Sikorsky, a Lockheed Martin Company, to Receive 2020 Connecticut Medal of Technology for its X2 Technology

Rocky Hill, CT – Sikorsky, a Lockheed Martin Company, is the 2020 recipient of the Connecticut Medal of Technology in recognition of [X2 Technology](#), a generational leap in rotary wing innovation that enables helicopters to complete tasks traditional helicopters can't today. X2 Technology consists of an integrated package of technologies that make X2 aircraft faster, more agile and more maneuverable than other helicopters. [View recent B-roll.](#)

The award will be recognized at the 45th Annual Meeting of the Connecticut Academy of Science and Engineering (CASE) – to be held virtually – on Tuesday, June 30, 2020. The presentation of the medal will be arranged at a later date.

Sikorsky has been a leader in aviation and innovation ever since Igor Sikorsky founded Sikorsky Aero Engineering Corporation in 1923. Sikorsky helicopters have transported every U.S. president since 1957 and have also fulfilled aviation needs across all branches of the military. In 2004, engineers started work on X2 Technology to overcome speed and stability limitations of prior helicopters. These limits drove Sikorsky engineers to completely rethink the typical design of a helicopter. X2 Technology consist of: counter-rotating rigid rotor blades, fly-by-wire flight controls, hub drag reduction, active vibration control, and an integrated auxiliary propulsion system

In 2010, Sikorsky's [X2 Technology Demonstrator](#) reached 250 knots, before its final flight the program was honored with a prestigious Collier Award, which recognizes the greatest achievements in aeronautics or astronautics in America. Sikorsky donated the aircraft to the Smithsonian's National Air and Space Museum. The Company's work then shifted to address the U.S. Army's future vertical lift needs. The S-97 RAIDER is the second X2-based helicopter. Sikorsky's newest design, RAIDER X is based on this design and will contend for the Army's Future Attack Reconnaissance Aircraft (FARA) program. Sikorsky, in partnership with Boeing, developed the SB>1 DEFIANT, a larger design that is now in flight test and informing the Army's Future Long-Range Assault Aircraft (FLRAA) program. The evolution of X2 Technology through each phase of design and flight test have proven the scalability of this game changing technology.

"Sikorsky engineers represent the most innovative minds in our industry," said Dan Schultz, Sikorsky President. "Their passion for excellence continues to expand the boundaries of helicopter speed and maneuverability. I am extremely proud that our team's work has paved the way to meet the needs of the Army's Future Vertical Lift program."

Sikorsky's engineering and manufacturing expertise is a significant economic force in the state, with currently 7,900 CT-based employees. X2 Technology will directly benefit the state's economy.

"Connecticut is proud to award the 2020 Connecticut Medal of Technology to Sikorsky," said Governor Ned Lamont. "Connecticut is home to the nation's most innovative and talented aerospace and defense manufacturers and suppliers—and companies like Sikorsky keep us competitive by continuously providing exciting new opportunities for top engineering and science graduates from our state's colleges and universities. Sikorsky is to be congratulated for their ongoing innovations and commitment to the state of Connecticut and our workforce."

The Connecticut Medal of Technology is awarded to individuals, teams, and companies/non-profits or divisions of companies/non-profits for their outstanding contributions to the economic, environmental and social well-being of Connecticut and the nation through the promotion of technology, technological innovation, or the development of the technological workforce. By highlighting the importance of technological innovation, the Medal also seeks to inspire future generations to prepare for and pursue technical careers to keep Connecticut and the nation at the forefront of global technology and economic leadership. Modeled after the National Medal of Technology and Innovation, this award is bestowed by the state of Connecticut, with the assistance of the Connecticut Academy of Science and Engineering, in alternate years with the Connecticut Medal of Science. Visit <http://www.ctcase.org/medals.html> to see a list of past awardees.

About Lockheed Martin

Headquartered in Bethesda, Maryland, Lockheed Martin is a global security and

aerospace company that employs approximately 110,000 people worldwide and is principally engaged in the research, design, development, manufacture, integration and sustainment of advanced technology systems, products and services. If you'd like to join the Future Vertical Lift team at Sikorsky, check out open jobs [here](#).

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The Connecticut Academy of Science and Engineering was chartered by the General Assembly in 1976 to provide expert guidance on science and technology to the people and to the state of Connecticut, and to promote the application of science and technology to human welfare and economic well being. For more information about the Academy, please see www.ctcase.org.

**Connecticut Academy of Science and
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