



The AMA History Project Presents: Biography of TIMOTHY COLLARD



Written by AMA Staff (02/2010); Transcribed by JS (04/2010)

The following biography was printed in the February 2010 issue of Model Aviation magazine, in the article title "2009 Scholarship Recipients."

Timothy Collard

Timothy Collard of Olathe, Kansas, is the recipient of a \$5900 Charles Hampson Grant Scholarship from the AMA Scholarship Program. Tim is the son of Daniel and Karen Collard. He plans to continue his education at Missouri University of Science and Technology, and will study electrical engineering.

A graduate of Olathe Northwest High School, Tim graduated in the top five of his class of 375, with a perfect 4.0 unweighted grade point average. In high school, he was active in Battlebots and Scholar's Bowl, a team jeopardy trivia competition, and FIRST Robotics. FIRST stands for For Inspiration and Recognition of Science and Technology, and was founded in 1989.

Tim captained the Scholar's Bowl team that placed third in state competition. He served as an officer and chair of the electrical department and programming department of the FIRST Robotics Team 1710 that qualified for international competition in Atlanta, Georgia, during his sophomore and senior years.

Tim was inducted into the National Honor Society in his junior year and maintained membership throughout his senior year. He was named a National Merit Commended Scholar for his score on his PSAT, an Advanced Placement Scholar, and a Kansas State Designated Scholar.

Throughout high school, Tim participated in the Aerospace and Engineering Program, a pre-engineering program at his school that focused on many of the mathematical and scientific principles behind engineering. It introduces students to the fundamentals of design through AutoCAD and a project-oriented curriculum.

In one of these classes, students designed and built a Free Flight model using the Wright Stuff competition guidelines. Tim recorded the best flight time in his class.

In addition to Tim's scholastic accomplishments and activities, he volunteered with a local food kitchen, the Salvation Army's Red Kettle Campaign, a local branch of the Catholic Charities, engineering and science camps, and mentored three FIRST Lego League Teams.

In addition to his volunteer work and school activities, Tim maintained an internship at Kiewit Power Engineers as an electrical/instructional and controls design intern. He was promoted to a full designer and worked in the information technology department within the corporation.

Coming from a family of modelers, Tim has been flying since he was 14 years old. His father, sister, and mother are all members of AMA.

Tim began learning to fly at the Shawnee Mission Radio Control Club, which held designated training nights on Tuesdays. Tim went beyond these, and worked with club instructors more frequently. He soloed on his *NexStar* within a few months, and progressed through several different models, including a Sig *Somthin' Extra*. He now flies an electric Great Planes *Edge 540*.

Congratulations, Tim, and good luck at Missouri University of Science and Technology.

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