



PRESS RELEASE (October 19, 2018)
Rebuilding Their Future Foundation, Inc.
Formal Presentation by a Board Member

On Friday, October 19, 2018, Board Member John E. Urosek made a formal presentation at the SME/PCMIA Annual Joint Meeting at the Hilton Garden Inn Southpointe, Canonsburg, PA. The title of his presentation was “Development of an Underground Aerial Reconnaissance System”. An abstract of his presentation follows:

“Mine rescue and recovery personnel require timely, accurate, and reliable information upon which to base their actions. An Underground Aerial Reconnaissance (UAR) system would be useful as it could convey sensors and/or communication equipment into the mine prior to and/or ahead of entry by rescue personnel to provide detailed information of underground conditions. An aerial system approach potentially offers a fast, agile, and potentially longer-range option. In August 2017, a project was initiated through funding by the Alpha Foundation to develop an aerial vehicle platform (AVP) design. This presentation presents the technical approach to this project that was founded upon thorough an understanding and analysis of actual UAR mission needs to develop and demonstrate an effective, mission-specific safe AVP design.”

Work under this project was conducted by Mr. Urosek, owner of John Urosek Mine Consulting LLC, in conjunction with the United Mine Workers of America Career Center under grant AFC518-23 from the Alpha Foundation for the Improvement of Mine Safety and Health.