Lunch 'n' Learn
Friday 15 July 2016
DARPA Aerial Reconfigurable Embedded System (ARES) Program & VTOL X-Plane Overview

Guest Speaker:
Mr. Barth Shenk, AFRL

The DoD is exploring innovative, affordable platforms for direct delivery to austere and dispersed areas.

The Aerial Reconfigurable Embedded System (ARES) program is aimed at Developing a VTOL Cargo UAS. The goal is to develop and demonstrate tailless VTOL with conversion to wingborne flight with and without a detachable payload. This presentation will provide an overview of the ARES program, the vehicle concept and testing sequence for ground and flight tests.

The presentation will also include a top-level overview of the DARPA VTOL X-plane program aimed at high-efficiency high speed cruise coupled with high-efficiency hover. Specific areas of discussion will include program strategy and timelines with overviews of competing configurations and key enabling technologies

Barth Shenk is a senior engineer in the Aerodynamic Technology Branch, Aerospace Vehicles Division, Aerospace Systems Directorate, Air Force Research Laboratory (AFRL/RQV). He currently serves as the Contract Officer Representative (COR) for the DARPA ARES Program. Barth has 29 years of experience in research, program management, ground testing, flight testing and strategic planning within the Air Force Research Laboratory.

Time: *11:45 am*

Location:
China Garden Buffet
112 Woodman Dr.
Dayton, OH 45431

Lunch:
You will be able to purchase the buffet