



BIOGRAPHY

OPERATIONALLY RESPONSIVE SPACE OFFICE

MR. THOMAS M. DAVIS

(April 2015)

Thom Davis is the ORS Office Deputy Director and ORS-5 Program Manager. As the principal advisor to the ORS Director, he manages the day-to-day activities of the 40+ person ORS Office, including military and civilian personnel, liaison officers, and support contractors. He also directs the ORS-5 program, a quick reaction to provide on-orbit capabilities to support a USSTRATCOM need for enhanced space situational awareness. The program has quickly progressed through Systems Requirements Review, initial systems capability demonstration, and Preliminary Design Review. From October 2012 through January 2013, he served as acting ORS Director, reporting directly to the Assistant, Under Secretary of the Air Force for Space.



Previously, he served as the ORS-1 Mission Manager and led the fielding of the ORS Office's first operational satellite and an important milestone to demonstrate the capability to meet emerging and persistent warfighter needs in operationally relevant timelines. ORS-1 was fielded in less than 32 months from program approval and launched on June 29, 2011. The team achieved numerous "firsts" adding fundamentally new capabilities and a first ever focused battle field awareness capability from space capability for USCENTCOM.

As the AFRL Space Vehicles Directorate's TacSat-3 Program Manager, he had responsibility for the \$95M initiative to demonstrate Hyperspectral imaging with a low cost satellite and allowing direct tasking by operational theater commanders. TacSat-3 launched successfully from the NASA Wallops Island facility in May 2009 and remained in orbit for almost three years supporting operational missions.

While a member of the Georgia Institute of Technology research faculty, he supported AFRL as the Technical Advisor to the Space Cryogenic Cooling Technology Group and the XSS-10 Program Manager. The XSS-10 flight experiment was the first ever microsatellite to successfully demonstrate autonomous navigation and on-orbit proximity operations; it received numerous awards including the 2003 Air Force Science and Engineering Award for Exploratory or Advanced Technology Development and the AIAA Space Systems Award for 2003. He is certified as a Level III Acquisition Professional in Program Management, Systems Engineering, and a Level III Space Professional.

During a 21 year Air Force career, he held multiple senior level positions including Deputy Director, Space and Missiles Technology for Phillips Laboratory, Deputy Director of Program Management at AF Space Technology Center, and AF Contract Management Division B-1B Program Manager. A command pilot with over 3000 hours of flying time, he had operational assignments flying the HH-3E, UH-1N, and multiple versions of the KC-135 tanker, including a tour with the 89th Military Airlift Wing (Presidential) at Andrews Air Force Base. He is an AIAA Associate Fellow and lifetime member of the Air Force Association, Military Officers Association of America, and Dadaelians. In April 2012, he was recognized for career contributions with the Rotary National Award for Space Achievement.

EDUCATION:

B.S., Louisiana Tech; M.A., Central Michigan University; MBA, Gonzaga University

FLIGHT INFORMATION:

Aeronautical rating: Command Pilot

Flight hours: 3170 hours

Aircraft flown: OH-58A, TH-55, OH-13, HH-3E, UH-1N, T-37B, T-38A, KC-135(A, E, and R models)