



# BIOGRAPHY

UNITED STATES AIR FORCE

## Mr. Edwin P. McDermott

Mr. Ed McDermott is currently assigned as the Deputy Chief of Strategic and Nuclear Networks, 653<sup>rd</sup> Electronic Systems Wing, Electronic Systems Center, Air Force Materiel Command, Hanscom Air Force Base, Massachusetts. In this role, he oversees the management of over 270 people and 18 SATCOM terminal programs valued at over \$15B vital to establishing and sustaining the Global Information Grid (GIG).

Mr. McDermott came to Space and Nuclear Networks from the 753<sup>rd</sup> ELSG, where he was the Director of Net Centric Engineering managing programs that developed and deployed net-centric solutions for integrated C4ISR enterprise capabilities. Prior to that assignment, he served at the Department of Homeland Security where he was the Chief of Acquisition for the Preparedness Directorate. During his numerous previous assignments during his Air Force career, he served as a Program Director, Experimental Test Pilot, Pentagon Staff Officer, Inspector General and Air Force Element Commander. His final military assignment was as a Professor of Acquisition at the Industrial College of the Armed Forces at the National Defense University in Washington DC where he retired as a Colonel in 2004. He was a Command Pilot with over 2700 hours in 37 different aircraft, and was both fixed-wing and rotary-wing rated.



Mr. McDermott is a designated member of the Defense Acquisition Corps and is certified Level III in Program Management, Test and Evaluation, and Systems Planning, Research, Development and Engineering acquisition fields. He is married to Ann-Cecile McDermott, a member of the Senior Executive Service.

### Education

1972 Bachelor of Science in Electrical Engineering (with Highest Honors), Rutgers University, New Brunswick, New Jersey

1972 Bachelor of Arts in Mathematics (with High Honors), Rutgers University, New Brunswick, New Jersey

1974 Master of Science in Electrical Engineering, University of Southern California, Los Angeles, California

1976 Squadron Officer School, Air University, by correspondence

1981 Air Command and Staff College, Air University, by seminar

1982 Naval Test Pilot School, Patuxent River Naval Air Station, Maryland

1987 Master of Science in Systems Management, University of Southern California, Los Angeles, California

1987 Program Management Course, Defense Systems Management College, Fort Belvoir, Virginia

1988 Air War College, Air University, (Outstanding Graduate) by seminar  
1997 Air Command and Staff College (Joint), Air University, by seminar  
1998 Joint and Combined Warfighting School, Armed Forces Staff College, Norfolk, Virginia  
2003 Master of Science in National Resource Strategy, Industrial College of the Armed Forces, National Defense University, Washington DC  
2003 Senior Acquisition Course, Defense Acquisition University and Industrial College of the Armed Forces, Washington DC  
2003 CIO Certificate (Distinguished Graduate), Chief Information Officer Program, Information Resources Management College, National Defense University, Washington DC  
2004 Information Assurance Certificate (Distinguished Graduate), Information Assurance Program, Information Resources Management College, National Defense University, Washington DC  
2004 Foreign Politics, International Relations and the National Interest, MIT Seminar XXI, Washington DC  
2005 Leadership for a Democratic Society, Federal Executive Institute, Charlottesville, Virginia

### **Assignments**

Sep 74 – Sep 76, Development Electrical Engineer for Control Stations and User Equipment, Global Positioning System Joint Program Office, Space and Missile Systems Organization, Los Angeles AFS, California  
Sep 76 – Sep 77, Student, Undergraduate Pilot Training - Helicopter, Fort Rucker, Alabama  
Oct 77 – Apr 81, Chief of Standardization/Evaluation and Operations Officer, Detachment 5, 40<sup>th</sup> Aerospace Rescue and Recovery Squadron, Edwards AFB, California  
Apr 81 – Nov 81, Student, Fixed-Wing Conversion Course, Sheppard AFB, Texas  
Dec 81 – Dec 82, Student, Naval Test Pilot School, Class 82, Patuxent River NAS, Maryland  
Dec 82 – Mar 85, Test Pilot/Project Manager, Rotary Wing Aircraft Test Directorate, Naval Air Test Center, Patuxent River NAS, Maryland  
Mar 85 – Oct 86, Deputy for Operations and Project Test Pilot, HH-60 Nighthawk Helicopter Combined Test Force, 6510 Test Wing, Edwards AFB, California  
Oct 86 – Apr 87, Operations Officer, 6521 Range Squadron while also flying with the 6510 Test Wing, Edwards AFB, California  
Apr 87 – Jan 88, Chief, Helicopter/VSTOL Section, 6512 Test Squadron (Test Ops), Edwards AFB, California  
Feb 88 – Jun 90, Chief, Common Support Equipment Division, Subsystems/Support Equipment Directorate, Aeronautical Equipment System Program Office, Aeronautical Systems Center, Wright-Patterson AFB, Ohio  
Jun 90 – Aug 91, Director, Reliability and Maintainability Technology Insertion Program (RAMTIP) Office, Aeronautical Systems Center, Wright-Patterson AFB, Ohio  
Sep 91 – Mar 93, Chief, Test and Evaluation Division within the Program Management Directorate, Aeronautical Systems Center Staff, Wright-Patterson AFB, Ohio  
Mar 93 – Jul 95, Director, Special Test Programs Division, Directorate of Operations, Headquarters Air Force Materiel Command, Wright-Patterson AFB, Ohio  
Jul 95 – May 98, Military Staff Assistant in the Office of the Director, Test, Systems Engineering and Evaluation, Office of the Under Secretary of Defense for Acquisition and Technology, Pentagon  
May 98 – Sep 98, Deputy Director of Electronics and Systems, and Air Force Element Commander, Defense Special Weapons Agency, Alexandria, Virginia  
Oct 98 – Feb 99, Director, Chemical-Biological Defense, Defense Threat Reduction Agency, Dulles, Virginia  
Feb 99 – Jul 01, Inspector General, Defense Threat Reduction Agency, Fort Belvoir, Virginia  
Aug 01 – Sep 03, Director, National Strategic Gaming Center, Institute for National Strategic Studies, National Defense University, Fort McNair DC  
Sep 03 – Sep 04, Professor of Acquisition and Teaching Team Leader, Industrial College of the Armed Forces, National Defense University, Fort McNair DC  
Oct 04 – Sep 06, Chief, Acquisition and Procurement Branch, Preparedness Directorate Business Office, Department of Homeland Security, Washington DC

Oct 06 – Dec 07, Director, Net Centric Engineering Division, 753<sup>rd</sup> Electronic Systems Group, 653<sup>rd</sup> Electronic Systems Wing, Electronic Systems Center, Air Force Materiel Command, Hanscom AFB Massachusetts

Jan 08 – present, Deputy Chief, Space and Nuclear Networks, 653<sup>rd</sup> Electronic Systems Wing, Electronic Systems Center, Air Force Materiel Command, Hanscom AFB Massachusetts

### **Major Awards and Decorations**

#### MAJOR AWARDS AND DECORATIONS:

Defense Superior Service Medal  
Legion of Merit  
Defense Meritorious Service Medal  
Meritorious Service Medal with three oak leaf clusters  
Joint Service Commendation Medal  
Air Force Commendation Medal with one oak leaf cluster  
Navy Commendation Medal  
Joint Service Achievement Medal

#### OTHER ACHIEVEMENTS:

2002 National Defense University President's Award for Group Achievement in Transformation as Director of the National Strategic Gaming Center  
1986 Joseph Duckworth Award for Contributions to Instrument Flight  
1985 USAF Astronaut Nominee  
1979 Outstanding Rescue Detachment of the Year Award  
1972 Phi Beta Kappa (liberal arts honor society)  
1971 Tau Beta Pi (engineering honor society)

### **Effective Dates of Promotion:**

Second Lieutenant June 1, 1972  
First Lieutenant June 6, 1975  
Captain June 6, 1977  
Major December 1, 1984  
Lieutenant Colonel May 1, 1989  
Colonel October 1, 1995  
GS-15 October 4, 2004