



BIOGRAPHY



UNITED STATES AIR FORCE

LIEUTENANT COLONEL JOSEPH M. FULTON

Lieutenant Colonel Joseph M. Fulton is the Deputy Commander, Wideband Satellite Communications (SATCOM) Group (MCWG) of the Military Satellite Communications (MILSATCOM) Systems Wing (MCSW), Los Angeles Air Force Base, CA. He is responsible for the Wideband Global SATCOM (WGS) Program and the Defense Satellite Communication System (DSCS) Program with over \$4.3B worth of satellite systems in production and on-orbit that provide critical wideband communications in support of national defense strategic and tactical needs. Prior to becoming the Wideband SATCOM Group Deputy Commander, he was the Chief Engineer, Wideband SATCOM Group.

Lt Col Fulton graduated from Michigan State University and was commissioned a Second Lieutenant in 1993 through the Officer Training School. He has over 15 years of systems engineering, test, operations, teaching and command experience in Air Force InterContinental Ballistic Missile (ICBM) operations, United States Air Force Academy, and satellite command, control, test, evaluation and acquisition. As program manager of DSCS, he

advised Air Force Space Command, U.S. Strategic Command and the Defense Information Systems Agency on operational and sustainment activities for 14 on-orbit communication satellites. While at the Air Force Academy, he was an assistant professor in the Department of Astronautics and the Chief of the Navigation, Guidance and Control Division. He was also the Principal Engineer, attitude control subsystem, for the Academy's \$3.5M FalconSat satellite program. As an ICBM Combat Crew Flight Commander/Instructor, Squadron Command Post, 10th Missile Squadron, Malmstrom AFB, MT, he led 50 missile crewmembers, launch facility managers and chefs and performed duties as a certified combat crew instructor.

Lt Col Fulton holds a Bachelor of Science degree in Astrophysics, a MBA in personal finance, a Master's and PhD in Astronautical Engineering. His awards and decorations include a Meritorious Service Medal, an Air Force Commendation Medal, an Air Force Achievement Medal, four Air Force Outstanding Unit Awards, two Air Force Organizational Excellence Awards, a Combat Readiness Medal, two National Defense Service Medals, and a Global War on Terrorism Service Medal. Lt Col Fulton is married to Maryann and has two children, Jenna and Emily.

EDUCATION

1991 – Bachelor of Science in Astrophysics, Michigan State University, East Lansing, MI

1998 – Master of Business Administration in Personal Finance, City University, Bellevue, WA

2000 – Master of Astronautical Engineering, Air Force Institute of Technology, Wright Patterson AFB, OH

2006 – Doctor of Philosophy in Astronautical Engineering, University of Colorado, Boulder, CO



ASSIGNMENTS

1. Jul 1993 – Jan 1995, ICBM Deputy Combat Crew Commander, Malmstrom AFB, MT
2. Jan 1995 – Nov 1995, ICBM Deputy Combat Crew Flight Commander, Malmstrom AFB, MT
3. Nov 1995 – Jan 1997, ICBM Combat Crew Commander, Malmstrom AFB, MT
4. Jan 1997 – Jul 1997, ICBM Combat Crew Commander, Squadron Command Post, Malmstrom AFB, MT
5. Jul 1997 – Apr 1998, ICBM Combat Crew Commander, Instructor, Malmstrom AFB, MT
6. Apr 1998 – Aug 1998, ICBM Combat Crew Flight Commander, Instructor, Malmstrom AFB, MT
7. Aug 1998 – May 2000, Student, Astronautical Engineering, Air Force Institute of Technology, WPAFB, OH
8. May 2000 – Jun 2001, Instructor of Astronautics, USAF Academy, CO
9. Jun 2001 – Mar 2002, Personnel Officer, Instructor of Astronautics, USAF Academy, CO
10. Mar 2002 – Aug 2003, NGC Div Chief, Assistant Professor of Astronautics, USAF Academy, CO
11. Aug 2003 – Sep 2006, PhD Student, Astronautical Engineering, University of Colorado, Boulder, CO
12. Sep 2006 – Apr 2007 Program Manager, DSCS, Los Angeles AFB, CA
13. Apr 2007 – May 2008, Chief Engineer, Wideband SATCOM Group, Los Angeles AFB, CA
14. May 2008 – present, Deputy Commander, Wideband SATCOM Group, Los Angeles AFB, CA

MAJOR AWARDS AND DECORATIONS

Meritorious Service Medal
Air Force Commendation Medal
Air Force Achievement Medal
Air Force Outstanding Unit Award with three oak leaf clusters
Air Force Organizational Excellence Award with oak leaf cluster
Combat Readiness Medal
National Defense Service Medal with bronze star
Global War on Terrorism Service Medal

OTHER ACHIEVEMENTS

2007 Wideband SATCOM Group's Outstanding Engineer of the Year
2006 Certified Acquisition Professional, Program Management Level I
2006 Certified Acquisition Professional, Systems Planning, Research, Development and Engineering Level I
2002 Astronautics Department's Company Grade Officer of the Year
1998 Received Air Force Space Command's Crew Member Excellence Award
1998 Received 341st Operations Group's Operations Excellence Award
1993 Distinguished Graduate, Undergraduate Missile Training, Initial Qualification Training

EFFECTIVE DATES OF PROMOTION

Second Lieutenant	26 May 1993
First Lieutenant	26 May 1995
Captain	26 May 1997
Major	01 July 2003
Lieutenant Colonel	01 Aug 2008

(Current as of Aug 2008)