



# BIOGRAPHY



## UNITED STATES AIR FORCE

### LIEUTENANT GENERAL SAMUEL A. GREAVES

Lt. Gen. Samuel A. Greaves is the Commander, Space and Missile Systems Center, Air Force Space Command, Los Angeles Air Force Base, California. He is responsible for more than 5,000 employees nationwide and an annual budget of \$6 billion. As the Air Force Program Executive Officer for Space, General Greaves manages the research, design, development, acquisition, and sustainment of satellites and the associated command and control systems. His extensive portfolio includes military satellite communication, missile warning, navigation and timing, space-based weather, space launch and test ranges, certification for launch, space superiority, responsive space and other emerging evolutionary space programs.



General Greaves was commissioned in 1982 through the Reserve Officer Training Corps program after he graduated from Cornell University. He has held a variety of assignments in operational, acquisition and staff units, including assignments at Headquarters Air Combat Command; the National Reconnaissance Office; and on the Air Staff within the Directorate of Operational Requirements and the Air Force Colonel Matters Office. He commanded the 45th Launch Group at Patrick AFB, Florida, the Launch and Range Systems Wing and Military Satellite Communications Systems Wing at Los Angeles AFB, California. The general also served as Vice Commander, Space and Missile Systems Center, Los Angeles AFB, California, and then as Director, Strategic Plans, Programs and Analyses, Headquarters Air Force Space Command, Peterson AFB, Colorado. Prior to his current assignment, he was the Deputy Director, Missile Defense Agency, Redstone Arsenal, Alabama.

He has operational launch crew experience in the space shuttle, Titan, Atlas and Delta space-launch systems. He wears the Command Space Badge.

#### EDUCATION

1982 Bachelor of Science degree in electrical engineering, Cornell University, Ithaca, N.Y.  
 1984 Master of Science degree in computer science, West Coast University, Los Angeles, Calif.  
 1986 Squadron Officer School, Maxwell AFB, Ala.  
 1997 Distinguished graduate, Air Command and Staff College, Maxwell AFB, Ala.  
 1997 Undergraduate Space and Missile Training, Staff Course, Vandenberg AFB, Calif.  
 1999 Air War College, by correspondence, with distinction  
 2001 Master's degree in strategic studies, Air War College, Maxwell AFB, Ala.  
 2003 Program Managers Course, Defense Systems Management College, Fort Belvoir, Va.  
 2008 Executive Program Managers Course, Defense Systems Management College, Fort Belvoir, Va.  
 2010 NSP Executive Course, George Washington University, Washington, D.C.

2010 Systems Acquisition Management Course, Fort Belvoir, Va.

2011 Requirements Executive Overview Workshop, Peterson AFB, Colo.

## **ASSIGNMENTS**

1. June 1982 - December 1984, space shuttle avionics engineer, Vandenberg AFB, Calif.
2. December 1984 - June 1986, avionics engineer, Space Shuttle Main Engines, Kennedy Space Center, Fla.
3. June 1986 - October 1987, Chief, Titan Inter-Range Operations, 6595th Aerospace Test Group, Vandenberg AFB, Calif.
4. October 1987 - March 1990, Titan Space Launch Systems Manager, 6595th Aerospace Test Group, Vandenberg AFB, Calif.
5. March 1990 - January 1992, Chief, Spacecraft Test and Launch Operations, SP-11 Program Office, Secretary of the Air Force Office of Special Projects, Los Angeles, Calif.
6. January 1992 - March 1994, Chief, Satellite Engineering, SP-11 Program Office, Secretary of the Air Force Office of Special Projects, Los Angeles, Calif.
7. March 1994 - August 1995, executive officer to the Director, Secretary of the Air Force Office of Special Projects, Los Angeles, Calif.
8. August 1995 - August 1996, National Space Systems Applications Manager, Directorate of Requirements, Headquarters Air Combat Command, Langley AFB, Va.
9. August 1996 - August 1997, student, Air Command and Staff College, Maxwell AFB, Ala.
10. August 1997 - June 1998, Chief, Surveillance and Reconnaissance Requirements, Space and Reconnaissance Division, Directorate of Operational Requirements, Deputy Chief of Staff for Air and Space Operations, Headquarters U.S. Air Force, Washington, D.C.
11. June 1998 - June 1999, executive officer to the Director of Operational Requirements, Deputy Chief of Staff for Air and Space Operations, Headquarters U.S. Air Force, Washington, D.C.
12. June 1999 - July 2000, Deputy Chief, Assignments Division, and Chief, Space, Missile, Acquisition and Technical Assignments, Air Force Colonel Matters Office, Headquarters U.S. Air Force, Washington, D.C.
13. July 2000 - June 2001, student, Air War College, Maxwell AFB, Ala.
14. June 2001 - July 2002, Commander, Air Force Communications Support Facility, White Sands Missile Range, N.M.
15. August 2002 - June 2004, Materiel Group Director, Air Force Satellite Control Network, Space and Missile Systems Center, Los Angeles AFB, Calif.
16. June 2004 - August 2006, Commander, 45th Launch Group, Cape Canaveral Air Force Station, Fla.
17. August 2006 - June 2008, Commander, Launch and Range Systems Wing, Los Angeles AFB, Calif.
18. June 2008 - August 2009, Commander, Military Satellite Communications Systems Wing, Los Angeles AFB, Calif.
19. August 2009 - February 2011, Vice Commander, Space and Missile Systems Center, Los Angeles AFB, Calif.
20. February 2011 - August 2012, Director, Strategic Plans, Programs and Analyses, Headquarters Air Force Space Command, Peterson AFB, Colo.
21. August 2012 - June 2014, Deputy Director, Missile Defense Agency, Redstone Arsenal, Ala.
22. June 2014 - present, Commander, Space and Missile Systems Center and Program Executive Officer for Space, Los Angeles AFB, Calif.

## **SUMMARY OF JOINT ASSIGNMENTS**

1. August 2012 - June 2014, Deputy Director, Missile Defense Agency, Redstone Arsenal, Ala., as a major general

## **OPERATIONAL INFORMATION**

Space Shuttle Missions: 51-C, 51-D, 51-B, 51-G, 51-F, 51-I, 51-J, 61-A, 61-B, 61-C, 51-L

Titan: 34B-66, 34D-15, II-G1, 34D-14, II-G2

Titan IV: B-30

Delta II: NASA MESSENGER, Swift, Deep Impact, GPS IIR-13/GPS IIR-14(M), MiTeX, GPS IIR-15(M), GPS IIR-16 (M), GPS IIR-17 (M), GPS IIR-18 (M), GPS IIR-19(M)

Delta IV: Air Force Heavy Demo, GOES-N, DMSP-17, DSP-23

Atlas II/III: AC-167, NROL-1, AC-206

Atlas V: AMC-16, INMARSAT-IV, NASA MARS Reconnaissance Orbiter, Pluto New Horizons, ASTRA, WGS-1, NRO L-24, NRO L-28, WGS-2

## **MAJOR AWARDS AND DECORATIONS**

Distinguished Service Medal

Legion of Merit with oak leaf cluster

Defense Meritorious Service Medal with two oak leaf clusters  
Meritorious Service Medal with two oak leaf clusters  
Air Force Commendation Medal with two oak leaf clusters  
Air Force Achievement Medal

**OTHER ACHIEVEMENTS**

2008 Lt Gen John W. O'Neill Outstanding System Program Director Award

**PROFESSIONAL CERTIFICATIONS**

1994 Program Management, Level III, Acquisition Professional Development Program  
1994 Research and Development, Level III, APDP  
1994 Test and Engineering, Level I, APDP

**EFFECTIVE DATES OF PROMOTION**

Second Lieutenant June 2, 1982  
First Lieutenant June 2, 1984  
Captain June 2, 1986  
Major July 1, 1994  
Lieutenant Colonel Feb. 1, 1999  
Colonel Aug. 1, 2003  
Brigadier General Dec. 9, 2008  
Major General July 13, 2012  
Lieutenant General June 19, 2014

(Current as of June 2014)