

# Lieutenant Colonel James R Fee Jr.



Lieutenant Colonel Fee is an Assistant Professor of Nuclear Engineering in the Engineering Physics Department of the Air Force Institute of Technology (AFIT). He completed his doctorate degree in nuclear engineering with a specialty in nuclear weapon effects simulation in September 2015. Lieutenant Colonel Fee conducted computational research for his dissertation by modeling the effects of Electromagnetic Pulse from a nuclear weapon detonation in the atmosphere.

Lieutenant Colonel Fee received his commission through the Reserve Officer Training Corps at Purdue University upon his graduation in December 1997. He began his career with training to be an Intelligence officer. Upon graduation from intelligence training in Dec 1998, he was assigned to the Air Force Technical Applications Center (AFTAC) at Patrick AFB, Florida. As Chief of Information Operations, he was second in command for a team of over 40 enlisted personnel operating AFTAC's 24-hour-a-day data collection system from a global network of sensors. In June 2000, he was selected to attend graduate school at the Air Force Institute of Technology (AFIT) at Wright Patterson AFB. Upon graduation in March 2002, he was assigned to the 526<sup>th</sup> ICBM Systems Wing at Hill AFB, Utah. There he was responsible to manage Electromagnetic Pulse testing for the Minuteman (MM) III missiles to ensure the MM fleet was properly hardened against a Nuclear Attack on the United States. In February 2004, Major Fee was selected to become the Executive Officer to the Commander, 526<sup>th</sup> ICBM Systems Wing. After serving as an executive officer for a year, he was selected for special duty assignment as a strategic nuclear analyst for the Central Intelligence Agency in McLean, Virginia. In Nov 2007, he moved to the Defense Threat Reduction Agency at Fort Belvoir, VA to work as the Program Manager of the Advanced Electronics program. As program manager, he was responsible for ensuring radiation hardened electronics were available for the Air Force's missile systems as well as GPS satellites. He was selected to become an instructor at the Squadron Officer School in June 2009 at Maxwell AFB, AL. In Mar 2010, he was selected to become the Operations Officer for the 29<sup>th</sup> Student Squadron at the Air and Space Basic Course. In Aug 2010, he deployed to Baghdad, Iraq for 6 months where he served as an Intelligence Advisor to the Iraqi Air Force under OPERATION IRAQI FREEDOM. In July 2011, he began his studies as a student at Air Command and Staff College at Maxwell AFB, AL. Upon graduation in July 2012, he was selected to attend a residence program for doctoral studies. Prior to his current assignment, he was a PhD student in the faculty pipeline program to the AFIT.

## EDUCATION

- 1997 Bachelor of Science in Nuclear Engineering, Purdue University, IN
- 2002 Master of Science in Nuclear Engineering, Air Force Institute of Technology, Wright Patterson AFB, OH
- 2004 Squadron Officer School (correspondence & residence), Maxwell AFB, AL
- 2007 Air Command and Staff College (correspondence), Maxwell AFB, AL
- 2012 Master of Military Operational Art and Science, Air Command and Staff College, Maxwell AFB, AL

## **ASSIGNMENTS**

1. Feb 1998 – Jan 1999, Student, Intelligence Officer Training Course, Goodfellow AFB, TX
2. Jan 1999 – Aug 2000, Chief, Information Operations, Air Force Technical Applications Center, Patrick AFB, FL
3. Aug 2000 – Mar 2002, Graduate Student, Air Force Institute of Technology, Wright Patterson AFB, OH
4. Mar 2002 – Feb 2004, System Survivability Program Manager, ICBM Program Office, Hill AFB, UT
5. Feb 2004 – June 2005, Executive Officer, 526<sup>th</sup> ICBM Systems Wing, Hill AFB, UT
6. Jun 2005 – Nov 2007, Strategic Nuclear Analyst, Central Intelligence Agency, McLean, VA
7. Nov 2007 – Jun 2009, Program Manager, Advanced Electronics, Defense Threat Reduction Agency, Fort Belvoir, VA
8. Jun 2009 – Mar 2010, Flight Commander, 31<sup>st</sup> Student Squadron, Squadron Officer School, Maxwell AFB, AL
9. Mar 2010 – Aug 2010, Operations Officer, 29<sup>th</sup> Student Squadron, Air and Space Basic Course, Maxwell AFB, AL
10. Aug 2010 – Mar 2011, Intelligence Advisor, A-2 Directorate, 321<sup>st</sup> Air Expeditionary Wing, Victory Base Complex, Baghdad, Iraq
11. Mar 2011 – Aug 2011, Operations Officer, 29<sup>th</sup> Student Squadron, Air and Space Basic Course, Maxwell AFB, AL
12. Aug 2011 – Aug 2012, Student, Air Command and Staff College, Maxwell AFB, AL
13. Aug 2012 – Sep 2015, Graduate Student, Air Force Institute of Technology, Wright Patterson AFB, OH

## **MAJOR AWARDS AND DECORATIONS**

Defense Meritorious Service Medal with oak leaf cluster  
Meritorious Service Medal with 2 oak leaf clusters  
Air Force Achievement Medal with 3 oak leaf clusters  
Air Force Organizational Excellence Award  
National Defense Service Medal with oak leaf cluster  
Iraq Campaign Medal  
Global War On Terrorism Expeditionary Medal  
Global War on Terrorism Service Medal  
Air Force Expeditionary Service Ribbon with gold border  
Air Force Longevity Service Ribbon with 3 oak leaf clusters

## **PROFESSIONAL MEMBERSHIPS AND AFFILIATIONS**

Life Member of the American Nuclear Society  
Tau Beta Pi Engineering Honor Society

## **EFFECTIVE DATES OF PROMOTION:**

Second Lieutenant	December 22, 1997
First Lieutenant	January 20, 2000
Captain	January 20, 2002
Major	August 1, 2007
Lieutenant Colonel	January 1, 2013