AMRDEC Mission

Deliver collaborative and innovative aviation and missile capabilities for responsive and cost-effective research, development and life cycle engineering solutions.
Who is AMRDEC?

Core Competencies

- Life Cycle Engineering
- Research, Technology Development and Demonstration
- Design and Modification
- Software Engineering
- Systems Integration
- Test and Evaluation
- Qualification
- Aerodynamics/Aeromechanics
- Structures
- Propulsion
- Guidance/Navigation
- Autonomy and Teaming
- Radio Frequency (RF) Technology
- Fire Control Radar Technology
- Image Processing
- Models and Simulation
- Cyber Security

FY17 Strength

~9,211
Civilian

2,945
Military

16
Contractor

6,250

907 / 5343
SETA Non-SETA

FY17

$2,904M

6%
Aviation S&T

7%
Missile S&T

63%
Army

24%
Other

Colorado Springs, CO
NASA Ames - Moffett Field, CA
Corpus Christi, TX
Joint Base Langley - Eustis, VA
AMRDEC HQ
Redstone Arsenal, AL
#1: Readiness
Provide aviation and missile systems solutions to ensure victory on the battlefield today.

#2: Future Force
Develop and mature Science and Technology to provide technical capability to our Army’s (and nation’s) aviation and missile systems.

#3: Soldiers and People
Develop the engineering talent to support both Science and Technology and the aviation and missile materiel enterprise.
Army Modernization Priorities

#1: Long Range Precision Fires

#2: Next Gen Combat Vehicles (NGCV)

#3: Future Vertical Lift (FVL)

#4: Network/C31

#5: Air & Missile Defense

#6: Soldier Lethality
S3I develops and delivers responsive aviation and missile total life cycle cyber, software, protective technologies, and systems simulation engineering to enable readiness and ensure modernization of the United States Army to optimize joint warfighter capabilities at the point of need.
• S3I Leadership in almost constant flux since creation
  – Drove SSDD/SED/PT-AT to having lots of leadership flux

• Sep 2013 - S3I stood up by Mr. Edwards and Bill Colson selected as first S3I SES leader
• Nov 2015 - Bill promoted to SMDC Tech Director
• Oct 2016 – Jeff moved from AED to S3I
• Jan 2017 – Jeff acting AMRDEC Dir
• Nov 2017 – Jeff to S3I

• So in the midst of the above… lots of great folks acting as the director, deputy director THUS SSDD and SED getting different acting directors and deputy directors, THUS division chiefs being acting, etc, etc…

• So LOTS OF FLUX in leadership across S3I almost from the start.

• Yet the mission continued to be executed wonderfully.
• The reason we come to work everyday is
  – Ensure the Chief’s priorities are met
    • Readiness
    • Modernization (6 priorities)
    • People
  – Support the larger DoD in the areas of Ballistic Missile Defense
  – Support the POTUS National Security Strategy

• We live and demonstrate the Army values EVERY DAY.

• We ensure as leaders that we build the bench in the areas of all things software and grow our people.
• S3I SES creation 2013
• Align like duties
• Consistency
• Improve effectiveness
• Improve value to our customer base
• Contract Simplification
Realigned S3I Structure

Senior Technical Advisor for Systems

RDMR-SI
S3I
Director/Deputy Director

Business Transformation Office

IT / IA

Business Division

Lifecycle Software Engineering

Software Mission Assurance

Modeling / Simulation

Matrix Support

HWIL / Virtual Simulator

System Security

Total Population: 611
AMRDEC Web Site
www.amrdec.army.mil

Facebook
www.facebook.com/rdecom.amrdec

YouTube
www.youtube.com/user/AMRDEC

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