Purpose: Provide an information brief on USASAM
Mission

Maintain & improve operational readiness of US Army, Joint and Allied war fighting forces through Aeromedical training of Aviation and Medical personnel.
1984 USASAM Created Fort Rucker
1985 Flight Medic Course Fort Rucker
1991-99 Erosion of Medical Training in the NCOES

2011 TSG & CG AMEDD C&S approves NRP as AMEDD requirement for Army Medics
2012 Pilot Course Begins

1983 Operation Urgent Fury
1989 Operation Just Cause
1991 Operation Desert Storm
1993 Operation Restore Hope
1995 Operation Joint Endeavor
2001 September 11 Attacks
2001 Operation Enduring Freedom
2003 Operation Iraqi Freedom
2011 US Forces Depart Iraq
2014 Combat Opns End Afghanistan*
Background Information

(STANAG 3114) Aeromedical Education for Aircrews) 43 POIs teaching Altitude Physiology, Toxicology, Noise and Vibration, Stress and Fatigue, G-Forces, Exogenous Factors

OTSG charges the AVN Medicine Consultant via AR 40-3, CH 3 with the Army AVN MED oversight: the AVN MED Residency, the Flight Surgeon Course and Aviation Resource Management Surveys

* Flight Medic Course, Medevac Doctrine Course, JECC, Aeromedical Psychology Training Course

* The resident expertise prescribed by STANAG 3114 has evolved into teaching The Flight Medic Course, MEDEVAC Doctrine Course, Joint En route Care Course and Aeromedical Psychology Course. The GME graduates (Aerospace Medicine Specialists) are the clinical quality control to ensure Aviation medicine and Aeromedical Training are relevant and current.
MEDCOM at Ft. Rucker
United States Army School of Aviation Medicine

USASAM Organizational Structure

Assistant Dean
COL Foe

Dean
COL Smalley

First Sergeant
1SG Schultz

Operations

Director Operations
MAJ Bonner

• Future & Current operations
• Scheduling
• Course enrollment
• Logistics
• Information Mgmt and Technology
• Aviation Resource Management Survey
• Instructor Development
• Distributed Learning

Academic Operations

Director Academic Operations
LTC Salmon

• Course Instruction
• Content Development
• Instructor Development
• Training Development

Chief Enroute Care Branch
MAJ Morgan

Chief Aeromedical Psychology
CPT Cox-Coleman

Chief Medical Evacuation Doctrine Course
CPT Bunn

Chief Flight Surgeon Course
LTC Puskar

Chief, IERW
CPT Spikes

Graduate Medical Education Programs

Director
COL Sauer

Associate Director
MAJ Venezia

* RAM Program located at Naval Air Station Pensacola, FL
Aviation Medicine Training

- 43 Programs of Instruction
  - MEDCOM
  - TRADOC

- Graduate Medical Education
  - Conducts the Army’s Aerospace & Occupational Medicine Residency Programs
  - Operationally focused Medical Corps Graduate Medical Education programs for flight surgeons.
  - Medical Corps Officer Professional Development
  - Currently located at Naval Air Station Pensacola
  - Will transition to Fort Rucker by July 2015
  - Graduates assigned as Combat Aviation Brigade Surgeons
Gradate Medical Education

Provides the operationally focused graduate medical education programs in the Army. Executes the Army’s Aerospace & Occupational Medicine Programs.

Flight Surgeon Course

Equipping Combat Aviation Brigades with providers trained to address their diverse work environment

Joint En Route Care Course (JECC)

Preparing service members to successfully work as an independent team in the joint medical evacuation environment.

Flight Medic Course

Providing service members as the “most mobile first responder” with advanced skills, knowledge and confidence.

Medical Evacuation Doctrine Course

Preparing personnel to understand MEDEVAC doctrine, unique mission planning, and application of lessons learned.

MEDEVAC Pre-Command Course

Exposing and Providing tools for Air Ambulance Commanders to succeed in full spectrum operations.

Flight Psychology Course

Training mental health professionals to understand and affect the Aviation environment.

IERW Flight Physiology Classes (TRADOC Mission)

Educating tomorrow’s Aviation leaders and ensuring proficiency for today’s Aviation leadership

Altitude Chamber & Reduced Oxygen Breathing Device (ROBD) (TRADOC Mission)

Value-added training situational awareness and physical evaluation of performance at altitude.

ARMS Influencing Success (FORSCOM Mission)

Pre Coordinating, SME Products, Coaching – Shaping Aviation Warfighters.
**United States Army School of Aviation Medicine**

**TA-1 and Medical Suite Trainers**

- **Human Patient Simulators**
  - 9 Adult Simulator
  - 2 Baby Simulator
  - 2 Pediatric SIMs
  - 3 SIMMAN
  - 14 Rescue Randys
  - 4 Ultimate Hurt Mannequins

- **A/C Simulators**
  - UH-60 MST
  - HH-60 MST
  - CH-46 shell
  - CH-47 shell

- **Medical Equip.**
  - 6 MES AA
  - 1 ultrasound
  - 3 rescue hoists
Situational Training Exercise

- Simulates all aspects of evacuation
- Utilizes all equipment of Medical Equipment Set & training
Hypobaric Chamber & ROBD Training

- Fixed Wing Qualification
- Fixed Wing Refresher
- HALO Candidates/HAP
- Flight Surgeons
- Flight Medics/Nurses
- DOD Aviators/Aircrew
- Flight Engineers
- FAA
- Federal Agency Aviators/Aircrew
Aviation Resource Management Survey (ARMS)

- Helps evaluate each Combat Aviation Brigade and subordinate unit’s deployment readiness

- Provides overall survey of Commander’s Aircrew Training Program
  - Aviation Medicine
  - ALSE
  - Training
  - SRP
Questions/Comments?