

AEROSPACE MEDICINE PRIMARY 201 (AMP 201)

USAF School of Aerospace Medicine

Course Description:

The AMP 201 course is the third course in the four course series known as the Aerospace & Operational Medicine (AOM) Program comprising the initial qualification training for USAF flight surgeons. It strives to prepare physicians and providers to assume a key clinical aeromedical role as member of Team Aerospace synergizing the talents of highly trained specialists in the fields of aerospace medicine, aerospace physiology, bioenvironmental engineering, occupational medicine, and military public health. Specifically, AMP 201 introduces the student to the concepts of "Clinical Aerospace Medicine": aviation medical standards, systems based clinical aerospace medicine, information systems in aerospace medicine, clinical workshops in medical decision making, public health, bioenvironmental engineering, and occupational medicine. The course is organized as a learning laboratory with students working as flight medicine teams. Each student will be responsible for simulated patient at the start of an aviation career needing an initial flying class physical. The simulated patient will progress with the student to need multiple aeromedical decisions such as injury, occupational exposures, and deployments. The member will be responsible for this simulated aviator and be required to instruct their flight medicine team in a longitudinal learning pathway.

Target Audience:

PHYSICIANS: USAF active duty, Air National Guard (ANG) and Air Force Reserve Command (AFRC) physicians, other DoD physicians (Medical or Osteopathic), and international military physicians from countries approved by Air Force Security Assistance Training Squadron (AFSAT).

PHYSICIAN ASSISTANTS/NURSE PRACTITIONERS: PAs/NPs selected to work full time in flight medicine billets and serve as aeromedical practitioners are expected to attend.

MEDICAL STUDENTS: USUHS and HPSP students who elect not to attend a full residency upon graduation may attend training during their MS4 year (typically in the spring) or during their internship as scheduling permits.

Prerequisites:

- ✓ AFOM 101 (completed)
- ✓ AFOM 102 (completed)

Applicants must have successfully completed AFOM 101 and AFOM 102 to attend AMP 201 or AMP 202. AMP 201 attendance requires not only the prerequisites of AFOM 101 and 102 but is reserved for those applicants selected by the aerospace medicine consultant to serve as flight surgeons and aeromedical practitioners. Completion of AMP 201 before attending AMP 202 is the recommended pathway but not required (due to class size restrictions). It is preferred to follow the four-course series in sequential order but due to classroom constraints there is the occasional need for a student to complete AMP 202 prior to AMP 201. Although not ideal, this can be accomplished when otherwise unavoidable (usually during the summer rush).

Objective:

Graduates of AMP 201 will have gained the following core competencies:

- ✓ Altitude Chamber Training & Certification
- ✓ Aviation medical standards applied to flying class physicals and annual exams

- ✓ Theater clearing flight surgeon qualified
- ✓ Interim safety board medical member qualified
- ✓ Aircrew Life Support basic orientation
- ✓ Spatial disorientation instruction with simulator experience
- ✓ Night vision goggle usage
- ✓ Heads Up Display (HUD) familiarization training
- ✓ Anit-G Strain Maneuver (AGSM) Competency and Analysis training
- ✓ Flight Surgeon Qualification Course and Exam certification

Upon completion of the AOM Program (all four courses), physicians and providers who meet all additional requirements IAW AFI 11-402 will be eligible to be awarded the appropriate aeromedical AFSC. USAF physician graduates of the AOM Program will be eligible to enter the Mission Qualification training phase (i.e. upgrade to 48X3) for flight surgeons.

General AMP 201 Applicant Information/Requirements:

(1) USAF PHYSICIANS: (AD/RES/GUARD):

- ✓ Must have been selected to fill a 48X billet
- ✓ Must be approved to attend by the aeromedical consultant.
- ✓ Must complete AFOM 101 and AFOM 102 prior to attendance.
- ✓ Must possess a *DD 2992 Medical Recommendation for Flying* dated to expire later than the completion of the AMP training graduation date (as permitted by AFI 48-123 part 6.24.5.2.5).
- ✓ Must be able to meet current USAF Flying Class II medical standards.
- ✓ Must have completed Commissioned Officer School (COT) School, AF Reserve COT, ROTC, AF Academy or USUHS prior to attending the AFOM 101/102, AMP 201/202 series.
- ✓ To be granted aeronautical wings and receive aeronautical orders physicians must provide (1) evidence of an unrestricted medical license, (2) complete Flying Class II physical, and (3) provide all AMP graduation certificates.

(2) DoD and other FEDERAL PHYSICIANS:

- ✓ Must be approved to attend by the aeromedical consultant.
- ✓ Must complete AFOM 101 and AFOM 102 prior to attendance.
- ✓ Must possess a *DD 2992 Medical Recommendation for Flying* dated to expire later than the completion of the AMP training graduation date (as permitted by AFI 48-123 part 6.24.5.2.5)
- ✓ Must be able to meet current USAF Flying Class II medical standards.

(3) INTERNATIONAL PHYSICIANS:

- ✓ Must complete AFOM 101 and AFOM 102 prior to attendance
- ✓ Must possess an English Comprehension Level (ECL) of 80 or higher
- ✓ Submit DD Forms 2807-1 and 2808 (translated into English) that support the member meeting USAF Flying Class II (flight Surgeon) standards.

(4) USAF PHYSICIAN ASSISTANTS/NURSE PRACTITIONERS:

- ✓ Must have been selected to fill a flight medicine provider billet
- ✓ Must be approved to attend by the aeromedical consultant.
- ✓ Must possess a *DD 2992 Medical Recommendation for Flying* dated to expire later than the completion of the AMP training graduation date (as permitted by AFI 48-123 part 6.24.5.2.5).
- ✓ Must have completed Commissioned Officer School (COT) School, AF Reserve COT, ROTC, AF Academy or USUHS prior to attending the AFOM 101/102, AMP 201/202 series.

(5) MEDICAL STUDENTS:

- ✓ Must have completed at least three years of medical school
- ✓ Must have been selected for a flight medicine billet upon completion of pending internship
- ✓ Must be approved by the aerospace medicine consultant
- ✓ Must possess a *DD 2992 Medical Recommendation for Flying* dated to expire later than the completion of the AMP training graduation date (as permitted by AFI 48-123 part 6.24.5.2.5).

- ✓ Must have completed Commissioned Officer School (COT) School, AF Reserve COT, ROTC, AF Academy or USUHS prior to attending the AFOM 101/102, AMP 201/202 series.

Course Credits:

Refer to CME for USAFSAM Aerospace Medicine CME Suite of Courses for current Continuing Medical Education (CME) Brochure and Registration Instructions.