



DEPARTMENT OF THE NAVY  
BUREAU OF MEDICINE AND SURGERY  
7700 ARLINGTON BOULEVARD  
FALLS CHURCH VA 22042

BUMEDINST 5450.259  
BUMED-N1  
18 Sep 2025

BUMED INSTRUCTION 5450.259

From: Chief, Bureau of Medicine and Surgery

Subj: MISSION, FUNCTIONS, AND TASKS OF NAVY MEDICINE OPERATIONAL TRAINING COMMAND DETACHMENT, NAVAL AEROSPACE MEDICAL INSTITUTE

Ref: (a) BUMEDINST 5450.174B

Encl: (1) Functions and Tasks of Navy Medicine Operational Training Command Detachment, Naval Aerospace Medical Institute  
(2) List of Support Agreement Relationships

1. Purpose. To define the mission, functions, and tasks of Navy Medicine Operational Training Command Detachment, Naval Aerospace Medical Institute (NAVMEDOPTRACMD DET NAVAEROMEDINST) as prescribed by mission defined in reference (a) and enclosures (1) and (2).

2. Cancellation. NMOTCINST 5450.2.

3. Mission. Supports the Navy and Marine Corps warfighters through aeromedical human performance evaluation and the development of operational medicine leaders.

4. Command Hierarchy. NAVMEDOPTRACMD DET NAVAEROMEDINST is a shore activity in an active status under an officer in charge.

a. Command

Officer in Charge  
Navy Medicine Operational Training Command Detachment  
Naval Aerospace Medical Institute  
340 Hulse Road  
Pensacola, Florida 32508-1092

(SNDL: FH18) (UIC: 32399)  
(PLA: NAVMEDOPTRACMD DET NAVAEROMEDINST PENSACOLA FL)  
(Activity Code: 5095-200)

b. Echelon

- (1) Echelon 1: Chief of Naval Operations
- (2) Echelon 2: Chief, Bureau of Medicine and Surgery
- (3) Echelon 3: Commander, Naval Medical Forces Development Command
- (4) Echelon 4: Commanding Officer, Navy Medicine Operational Training Command (NAVMEDOPTRACMD)
- (5) Echelon 5: Officer in Charge, NAVMEDOPTRACMD DET NAVAEROMEDINST

c. Immediate Superior in Command: Not applicable.

d. Area Coordination

- (1) Commander, Navy Region Southeast
- (2) Commanding Officer, Naval Air Station Pensacola, Florida
- (3) U.S. Army Garrison Commander, Fort Novosel, Alabama

e. Office of the Chief of Naval Operations (OPNAV) Resource Sponsor

- (1) Director, Military Personnel Plans and Policy (OPNAV N13), Chief of Navy Reserve (OPNAV N095), and Expeditionary Health Branch (OPNAV N4L4)
- (2) Activity-level aggregation of estimated manpower cost.
  - (a) Military Personnel Navy: \$13.21 million.
  - (b) Civilian Personnel: \$2.09 million.

5. Supporting Relationships

a. Administrative Control (ADCON). ADCON relationship supporting U.S. Army Medical Center of Excellence, Department of Aviation Medicine, Fort Novosel, Alabama. NAVMEDOPTRACMD DET NAVAEROMEDINST provides ADCON of Navy students at the Joint Enroute Care Course and the Joint Enroute Care Course instructor NAVMEDOPTRACMD Detachment, Fort Novosel, Alabama (Unit Identification Code: 32033).

b. Support Agreements. Support agreements and inter-service agency agreements are listed in enclosure (2).

6. Obligations to external entities. Overseas Diplomacy – NAVMEDOPTRACMD DET NAVAEROMEDINST serves as an effective instrument of U.S. foreign policy by initiating and continuing action programs which promote positive relations between the command and foreign nationals, which assist individual naval personnel and their families to work effectively, live with dignity and satisfaction, and function as positive representatives of the Navy and the United States while overseas. NAVMEDOPTRACMD DET NAVAEROMEDINST provides medical screening, evaluation, treatment, and training support for international students in coordination with the Naval Education and Training Security Assistance Field Activity.


7. Action. NAVMEDOPTRACMD DET NAVAEROMEDINST will execute the assigned mission, functions, and tasks. NAVMEDOPTRACMD DET NAVAEROMEDINST will update this directive every 8 years.

8. Records Management

a. Records created as a result of this instruction, regardless of format or media, must be maintained and dispositioned per the records disposition schedules located on the Department of the Navy Assistant for Administration, Directives and Records Management Division portal page at <https://portal.secnav.navy.mil/orgs/DUSNM/DONAA/DRM/Records-and-Information-Management/Approved%20Record%20Schedules/Forms/AllItems.aspx>.

b. For questions concerning the management of records related to this instruction or the records disposition schedules, please contact the local records manager or the OPNAV Records Management Program (DNS-16).

9. Review and Effective Date. Per OPNAVINST 5215.17A, Manpower Plans and Business Policy (BUMED-N12) will review this instruction annually around the anniversary of its issuance date to ensure applicability, currency, and consistency with Federal, Department of Defense (DoD), Secretary of the Navy, and Navy policy and statutory authority using OPNAV 5215/40 Review of Instruction. This instruction will be in effect for 10 years, unless revised or cancelled in the interim, and will be reissued by the 10-year anniversary date if it is still required, unless it meets one of the exceptions in OPNAVINST 5215.17A, paragraph 9. Otherwise, if the instruction is no longer required, it will be processed for cancellation as soon as the need for cancellation is known following the guidance in OPNAV Manual 5215.1 of May 2016.

  
R. FREEDMAN  
Acting

Releasability and distribution:

This instruction is cleared for public release and is available electronically only via the Navy Medicine Web site, <https://www.med.navy.mil/Directives/>

FUNCTIONS AND TASKS OF NAVY MEDICINE OPERATIONAL TRAINING  
COMMAND DETACHMENT, NAVAL AEROSPACE MEDICAL INSTITUTE

1. Aeromedical Consultation Functions

- a. Provide aeromedical consultation and expertise to the U.S. Navy (USN) and U.S. Marine Corps (USMC) aviation units through development and support of aeromedical personnel in operational assignments, development, and application of aeromedical standards to optimize aeromedical risks, and continual process improvement to provide evidence-based aviation applicant screening tests.
- b. Provide aeromedical physical and psychological examinations to personnel seeking acceptance to or retention in USN and USMC aviation. Process aeromedical waiver dispositions.
- c. Conduct special boards of flight surgeons and other operational warfare special duty boards. Conduct physical examinations to evaluate medical cases, which due to their complexity or uniqueness, warrant a comprehensive aeromedical evaluation.
- d. Provide initial and periodic professional review and recommendations for physical qualification and psychological assessments of aeronautical personnel. Conduct continuous review of aviation physical standards and proposed aeromedical policy changes.
- e. Develop and maintain risk-appropriate qualification standards, both physical and psychological, for all aviation and other warfare special duties of the USN, USMC, U.S. Coast Guard (USCG), and international military students.
- f. Provide supplemental consultative and diagnostic services in psychiatry, neuropsychology, general behavioral health, otorhinolaryngology, optometry and ophthalmology, internal medicine, and neurology.
- g. Oversee Fleet-wide aptitude testing for unmanned aerial system controller and landing craft air cushion candidates.
- h. Conduct non-human subjects research per higher authority guidelines on relevant medical force topics.
- i. Participate in DoD sanctioned human subject research.
- j. Administer the Aviation Selection Test Battery for the USN, USMC, and USCG.
- k. Liaise with the U.S. Army and U.S. Air Force on personnel testing. Advise on the Army Selection Instrument Flight Training and Air Force Officer Qualifying Test and Test of Basic Aviation Skill.

1. Provide consulting services to the Fleet in aerospace medicine and respective areas of expertise.

2. Training Functions

a. Develop and deliver training in all aspects of aviation medicine as assigned by Naval Medical Forces Development Command.

b. Liaise with fleet operational aviation medicine forces to ensure accurate and appropriate training is delivered to meet the needs and requirements of the Fleet and Fleet Marine Force.

c. Provide force development of aeromedical officers through development and delivery of training including the Medical Corps flight surgeon and naval aviation medical examiner courses.

d. Develop and deliver aerospace medical training for Medical Service Corps officers and provide force development of naval aerospace and operational physiologists, naval aerospace experimental psychologists, naval aerospace optometrists, and naval aerospace physician assistants.

e. Provide technical training and force development for hospital corpsmen in aerospace technical specialties. Develop and deliver the Aerospace Medicine Technician Navy Enlisted Classification (NEC) L04A and Aerospace Physiology Technician NEC L07A "C" school courses.

f. Develop and deliver concise, realistic, relevant, and current enroute care training to Navy Search and Rescue Medical Technician Hospital Corpsmen NEC L00A candidates and Fleet Marine Force corpsmen in aviation platforms. Develop and manage the Navy's Flight Medic Course.

g. Administer the Navy's Aerospace Medicine Residency Program per the requirements of the Accreditation Council on Graduate Medical Education and the American Board of Preventive Medicine.

3. Tasks

a. Provide student support, as assigned by NAVMEDOPTRACMD, to meet the training requirements of the Navy and other services, international students under the Military Assistance Program and foreign military sales and selected civilian personnel of DoD and non-DoD activities.

b. Provide student management, to include the control, administration, and supervision of students. Conduct proactive student control. Maintain an effective schoolhouse check-in and out process. Generate course master schedules to meet training requirements. Perform quota

control, assisting in reserving seats in Enterprise Navy Training Reservation System and classing up students efficiently. Coordinate with NAVMEDOPTRACMD for any assistance required. Liaise with outside activities, to include regional support centers, legal, medical, dental, Navy Personnel Command Enlisted Placement Management detailers, and other training commands concerning student issues.

c. Maintain all required student data in Corporate Enterprise Training Activity Resource System (CeTARS).

d. Coordinate and liaise Naval Education and Training Security Assistance Field Activity as needed or required in support of international military students attending NAVMEDOPTRACMD DET NAVAEROMEDINST delivered training programs.

e. Conduct aviation physical examinations per chapter 10, section C10.8.5 of DoD Security Assistance Management Manual and North Atlantic Treaty Organization Standard Allied Aeromedical Publication 1.10 for international military students and foreign training officers.

f. Manage the DoD's repatriated Prisoner Of War (POW) Studies program at the Robert E. Mitchell Center for POW Studies. Provide comprehensive annual and physical evaluations for repatriated POWs from all Services and executive agencies, including matched comparison groups and their spouses, to determine long-term effects of the POW experience. Provide evidence-based, captivity-related, medical lessons learned in order to equip and train medical and operational forces for real world operations.

g. Provide evaluation and treatment of active-duty personnel afflicted with altitude or diving related dysbaric diseases through operation and management of a recompression chamber. Provide clinical hyperbaric medicine treatments to eligible beneficiaries as authorized by the Bureau of Medicine and Surgery. Provide undersea and hyperbaric medicine support and consultative services for DoD personnel. Provide education and training of hyperbaric medicine to student naval flight surgeons, student naval aerospace and operational physiologists, and residents in aerospace medicine within NAVMEDOPTRACMD DET NAVAEROMEDINST, and undersea medical officer candidates located at Naval Support Activity Panama City, Florida.

h. Promote the operational effectiveness and safety of Fleet and Fleet Marine Force activities through support provided in management, education, training, consultation, and studies and analyses in seven major areas to include human factors, biostatistics, psychometrics, modeling, selection and testing, training, and human performance.

i. Provide the Chief, Naval Air Training qualitative and quantitative data regarding students' flight training experiences through the maintenance, administration, and analysis of the flight training exit survey.

- j. Maintain and administer the officer aptitude rating, the primary tool used to predict academic performance in Naval Officer Candidate School and is a requirement of 12 program authorizations (e.g., supply, intelligence, surface warfare).
- k. Maintain and administer the landing craft air cushion performance-based measure, the tool used to select enlisted craft pilot and navigator candidates for the USN, per Navy Military Personnel Manual, Article 1306-949.
- l. Maintain and administer the selection of unmanned aircraft system personnel exam, the tool used to select candidates for the USN and USMC Air Vehicle Pilot program per Program Authorization 106A.
- m. Maintain and administer the Automated Pilot Examination software system.
- n. Support active-duty, Reserve, and DoD personnel by providing special duty physical examination and medical review services to personnel pursuing initial or ongoing qualification for naval special warfare, naval special operations, diving, submarine, nuclear field or occupational exposure to ionizing radiation duty and all waiver requirements.
- o. Provide support to Naval Survival Training Institute's Aviation Survival Training Centers for the Naval Sea Systems Command Diving Operational Readiness Inspection by completing physicals and waiver requirements for Navy divers.
- p. Conduct surveillance of approved curriculum through ongoing informal course reviews, formal course reviews, annual safety and utilization reviews, and training requirements reviews, ensuring content meets with relevant Fleet requirements. Assist in maintaining enlisted NEC and officer specialty in-Service training, manage curriculum changes and revisions as required, and ensure eligible courses receive American Council on Education evaluations in support of occupational education accreditation retention.
- q. Ensure successful and uniform accomplishment of training per prescribed course material and require high standards of qualification for instructors and students. In furtherance of these objectives, carry out, on a continuing basis, an evaluation of instruction and the complete learning environment. Maintain effective instructor certification, evaluation and student testing, remediation, and critique programs.
- r. Function as the course curriculum model manager responsible for developing, revising, and maintaining assigned courses of instruction. Assure course development per the plan, analyze, design, develop, implement, and evaluate model, whether in-house or assisting with contractor-developed curriculum. Maintain course materials (e.g., training project plan, training course control document, lesson plan, trainee guide, test items, high-risk safety items, etc.) per NAVMEDOPTRACMD standard operating procedures. Ensure all required course data is

accurately recorded in the Corporate Enterprise Training Activity Resource System (CeTARS). Courses will be assigned and approved by NAVMEDOPTRACMD as curriculum control authority.

4. Inter- and Intra-Command Support Tasks

a. Maintain currency with Fleet requirements. Ensure close coordination with the appropriate command and aviation units, both Navy and Marine Corps and other agencies, to be responsive to NAVMEDOPTRACMD DET NAVAEROMEDINST Fleet training needs. Identify new training requirements and current training areas to improve upon.

b. Coordinate with NAVMEDOPTRACMD to assist with information technology support, including resource identification, electronic classrooms, and training network utilization. Use knowledge management concepts and tools to continue to improve training operations and effectiveness.

5. Manpower, Personnel, and Administration. Manage military, civilian, and contractor requirements and personnel with assistance from NAVMEDOPTRACMD as required.

a. Conduct civilian support actions, to include hiring manager and supervisory actions, reassignment, nominations for civilian awards, and performance evaluations. Coordinate with NAVMEDOPTRACMD for all civilian matters including human resources, equal employment opportunity, and hiring actions.

b. Liaison with the NAVMEDOPTRACMD contracting officer representative and contract specialist for issues with assigned contractor personnel as applicable.

6. Logistics Management

a. Manage command inventory of material and equipment assets assigned to NAVMEDOPTRACMD DET NAVAEROMEDINST activities in coordination with NAVMEDOPTRACMD.

b. Perform facilities management for assigned facilities and report maintenance and repair issues to installation public works department through NAVMEDOPTRACMD. Assign building managers for NAVMEDOPTRACMD DET NAVAEROMEDINST facilities per NAVMEDOPTRACMD policy.

7. Resource Management

a. Conduct requirements determination with justification and forecast the annual budget. Execute annual operating targets by optimally managing resources to accomplish the mission.

BUMEDINST 5450.259  
18 Sep 2025

- b. Request required funding realignments from NAVMEDOPTRACMD comptroller to ensure optimal usage of allocated funding.
- c. Conduct short and long-range planning to facilitate delivery of the required training demand signal. Conduct requirements and resource data analysis to determine current and future resource requirements. Assist in the completion of the annual spend plan and help identify and prepare program objective memorandum issues and documents.

LIST OF SUPPORT AGREEMENT RELATIONSHIPS

1. Memorandum of Understanding (MOU) or Memorandum of Agreement

a. Naval Hospital Bremerton provides residency rotations in occupational medicine, shipyard, and industrial medicine for the Residency in Aerospace Medicine (RAM) program.

b. Navy Medicine Readiness and Training Command Pensacola coordinates residency rotations in dermatology, women's health, men's health, pulmonology, occupational medicine, orthopedics, and mental health for the RAM program.

c. Civil Aerospace Medical Institute, Federal Aviation Administration provides a training course for residents that provides critical information in civil aviation medicine.

d. Navy Research Lab provides research collaboration, data sharing, and on-site government civilian personnel.

e. Naval Medical Research Unit-Dayton provides institutional review board support.

f. Naval Technical Training Center Meridian provides support for continuity of operations in the event of emergency evacuations for staff and students.

g. MOU with American Red Cross Northwest Florida Chapter for volunteer program.

h. MOU with Society of U.S. Naval Flight Surgeons.

i. MOU with Occupational Safety and Health Administration to provide NAVMEDOPTRACMD DET NAVAEROMEDINST residents with education and training in occupational and environmental medicine.

j. NAVMEDOPTRACMD DET NAVAEROMEDINST supports USMC Recruiting Command with flight physicals for candidates.

k. U.S. Air Force 96th Medical Group at Eglin Air Force Base coordinates residency rotations in women's health, battlefield acupuncture, and research for the RAM program.

l. Defense Manpower Data Center provides sharing of electronic data interchange personal identifier and social security number data.

m. U.S. Army Research Institute provides use of the Army Non-Commissioned Officer Special Assignment Battery.

n. U.S. Army Aeromedical Activity provides NAVMEDOPTRACMD DET NAVAEROMEDINST with flight physical reviews for Army flight medicine.

o. Joint Personnel Recovery Agency and NAVMEDOPTRACMD DET NAVAEROMEDINST (Robert E. Mitchell Center) cooperate on captivity-related matters involving research, lessons learned, and training as it relates to isolated personnel who employed survival, evasion, resistance, or escape techniques or were recovered after being held captive as a POW, hostage, or detainee.

p. NAVMEDOPTRACMD DET NAVAEROMEDINST (Robert E. Mitchell Center) supports the U.S. Air Force Medical Service with repatriated POW research studies.

q. NAVMEDOPTRACMD DET NAVAEROMEDINST provides the USCG with aeromedical examiner training to medical personnel assigned to the USCG.

## 2. Training Affiliation Agreements

a. Biloxi Veterans Affairs Medical Center, Gulf Coast Veterans Health System provides residency rotations in cardiology and pulmonology for the RAM program.

b. Baptist Health Care provides residency rotations in cardiology, urology, and psychiatry for the RAM program.

c. Florida Department of Health provides residency rotations in occupational medicine, women's health, and disability determinations for the RAM program.

d. Pensacola Lung Group provides residency rotations in pulmonology for the RAM program.