

# ABPM MOC Part IV Credit

## Practice Improvement for Aerospace Medicine Physicians

Sponsored by the American Society of Aerospace Medicine Specialists of AsMA

Diplomate(s) Name, Degrees; Year of Initial Aerospace Medicine Certification; Year(s) of Recertification  
[Ex: John Q. Public, MD, MPH; Initial AM Cert 2003; Recert 2013]

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### PRACTICE INFORMATION

1. Practice Setting (most appropriate): \_\_\_\_\_
  
2. Time Distribution: Hours per week spent practicing Aerospace Medicine: \_\_\_\_\_  
\_\_\_\_\_ Management and Administration  
\_\_\_\_\_ Research  
\_\_\_\_\_ Medical Management  
\_\_\_\_\_ Academic  
\_\_\_\_\_ Clinical Aerospace Medicine  
\_\_\_\_\_ Other Activities (Please Specify) \_\_\_\_\_

3. If you practice a medical specialty or are Board Certified in addition to Aerospace Medicine, please specify with expiration dates if applicable: [Ex: Dr Public, Int Med, 2019; Dr Smith, FP, 2021]

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### PRACTICE ASSESSMENT

#### STEP ONE: SELECTION OF EVALUATION TOOL FOR YOUR ASSESSMENT

##### **Identify the instrument(s) of choice for your evaluation:**

(Select the tool or tools that you feel are most appropriate for your practice setting.)

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(if needed)

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(if needed)

##### **Evaluation Tool Descriptions:**

Clinical Practice Evaluation – chart review based evaluation of application of accepted standard of care for Aerospace Medicine as stipulated by governing body (i.e. FAA, USAF, USN, USA, etc)

Report Card Assessment – provide a narrative style self-assessment and feedback from supervisor regarding fulfillment of selected competencies. Note: If you would prefer to use your workplace evaluation, please choose the portfolio style assessment and include as evidence.

Portfolio – compilation of CV and diplomate selected products/examples from practice representing fulfillment of selected competencies

**STEP TWO: SELECTION OF PHYSICIAN COMPETENCIES (CORE, AREA-SPECIFIC AND GENERAL) TO BE ADDRESSED IN THIS ASSESSMENT**

A. *From these seven core competencies, please select **four** that you will use in your performance assessment:*

**COMPETENCIES THAT ARE COMMON TO ALL CONTENT AREA:**

\_\_Communicate to target groups, including health professionals, the public, and/or the media, in a clear and effective manner, orally and/or in writing regarding Aerospace Medicine topics

\_\_Demonstrate the ability to prioritize new or ongoing projects or programs according to their potential impact, as defined by objective, measurable criteria

\_\_Use information technology for specific applications relevant to Aerospace Medicine

\_\_Interpret relevant laws and regulations relating to protection and promotion of the aviation and aerospace safety

\_\_Identify ethical, social, & cultural issues relating to policies, risk, research, & interventions in Aerospace Medicine

\_\_Identify the processes by which decisions are made within an organization or agency and their points of influence

\_\_Identify and coordinate the integrated use of available resources to improve the health and safety of airmen or other individuals working in aviation or aerospace

B. *From the following list of five **content area-specific** competencies, please select **four** that you will use for your performance assessment. (NOTE: You may select competencies from multiple content areas.):*

**MANAGEMENT AND ADMINISTRATION**

\_\_Assess data and formulate policy for a given health issue

\_\_Develop and implement a plan to address a specific health issue or problem

\_\_Conduct an evaluation or quality assessment based on process and outcome performance measures

\_\_Manage the operation of a program or project, including human and fiscal resources

**RESEARCH**

\_\_Perform a gap analysis to identify areas within Aerospace Medicine or human factors requiring research

\_\_Develop a proposal for research

\_\_Manage a research project, including human and fiscal resources

\_\_Prepare applicable reports and presentations for a research project

\_\_Demonstrate knowledge of and appropriate application of human or animal use requirements

\_\_Manage a research laboratory or portion, including human and fiscal resources

## MEDICAL MANAGEMENT

- \_\_ Design, manage, and evaluate health service delivery programs within Aerospace Medicine
- \_\_ Apply appropriate financial and business management techniques to assure efficient delivery of cost effective health services
- \_\_ Apply organizational principles to manage a health care organization or unit
- \_\_ Assure that health service activities reflect ethical standards, comply with all pertinent legal and regulatory requirements and incorporate risk management principles and practice

## ACADEMIC

- \_\_ Design, implement, and manage a new course or substantially revise an existing course on Aerospace Medicine topics
- \_\_ Teach a college level or above Aerospace Medicine or human factors course
- \_\_ Manage an educational program for Aerospace Medicine initial certification or residency training in Aerospace Medicine

## CLINICAL AEROSPACE MEDICINE

- \_\_ Develop, implement, and refine screening programs for groups to identify risks for disease or injury and opportunities to promote wellness
- \_\_ Design and implement clinical preventive services
- \_\_ Implement community based interventions to modify or eliminate identified risks for disease or injury and to promote aviation safety
- \_\_ Diagnose and manage diseases/injuries/conditions in which aerospace safety can be impacted
- \_\_ Manage an airevac program, including patient clearance and aircrew health and training issues
- \_\_ Demonstrate ability to apply applicable standards to aeromedical dispositions or fitness to fly

*C. From the following list of six **ACGME General Physician Competencies**, please select **two** that you will use for performance assessment:*

## PATIENT OR COMMUNITY ORIENTED CARE

- \_\_ Provide patient care and/or community based interventions that are compassionate, appropriate, and effective for the treatment of health problems and the promotion of health

## MEDICAL KNOWLEDGE

- \_\_ Demonstrate knowledge about established and evolving biomedical, clinical, and cognitive sciences and the application of this knowledge to patient care, preventive services and/or population medicine

## PRACTICE BASED LEARNING AND IMPROVEMENT

\_\_ Investigation and evaluate one's practices, appraise and assimilate scientific evidence, and improve one's ability to provide patient care, preventive services, and/or community based interventions

## INTERPERSONAL AND COMMUNICATION SKILLS

\_\_ Demonstrate interpersonal and communication skills that result in effective information exchange and learning with patients, patients' families, professional associates and communities, occupational/work site stake holders, and regulatory bodies

## PROFESSIONALISM

\_\_ Demonstrate a commitment to carrying out professional responsibilities, adherence to ethical principles and sensitivity to a diverse patient population

## SYSTEMS BASED PRACTICE

\_\_ Demonstrate an awareness of and responsiveness to the larger context and system of health care and the ability to effectively call on system resources to provide care, aeromedical services, and community based interventions

## STEP THREE: COMPILE DOCUMENTATION AND ATTACH SUMMARY PAGE FOR THE SELECTED EVALUATION TOOL

(Please complete this step according to the evaluation tool chosen in Step One. Remember if you do clinical medicine, you must at least have one Clinical Practice Evaluation. The others may be a report card assessment or via a portfolio)

## STEP FOUR: IDENTIFY TARGET AREAS FOR IMPROVEMENT

A. From the complete list of competencies in Step Two, select at least one competency in which to seek improvement or professional development. You may choose to use the evaluation results of the competencies you selected for assessment in Step Two for practice improvement, and/or you may select other listed competencies that you intend to achieve for professional development in a new area:

B. Please indicate why you selected this competency/these competencies:

## STEP FIVE: QUALITY IMPROVEMENT PLAN DEVELOPMENT

Please use the quality improvement (QI) plan of your choice to generate your improvement plan. Identify through the QI process how you will accomplish and document improvement in your practice.

A. Quality Improvement or Performance Assessment Program of choice:

Other: \_\_\_\_\_

B. Target Goal(s) for QI plan:

C. After completing the quality improvement action plan for a minimum of six months, you will complete a second review of your current practice to evaluate goal achievement, targeting the area you selected for practice improvement or professional development. Indicate the projected date by which you will complete your second review: \_\_\_\_\_

**STEP SIX: MEASUREMENT OF IMPROVEMENT**

A. Utilizing the tool selected for your first assessment, complete a targeted review re-evaluating your performance on the competency or competencies you selected for practice improvement or professional development in Step Four. Please note that it is not necessary to complete the evaluation for the remainder of the ten competencies you selected for your first assessment. Compile documentation and attach a summary page for selected evaluation tool (see examples). Please indicate the tool utilized and date upon which repeat assessment was completed.

Selected Evaluation Tool \_\_\_\_\_

Date \_\_\_\_\_

B. What is the outcome of your QI plan? Did you meet your target goal?

C. Please describe the most successful element of your plan:

D. How do you intend to maintain ongoing success and practice improvement?

E. If your QI plan did not result in practice improvement, what elements(s) of your QI plan did not go as expected, and why not?

F. What is your Plan to achieve practice improvement in this area/these areas?

*Sample Clinical Practice Evaluation Template*

*(This is provided as one potential document, you may use another form if desired)*

Diplomate: \_\_\_\_\_

Topic: \_\_\_\_\_

(i.e. aeromedical dispositions, appropriate management of disease according to regulatory guidance, etc)

Number of charts reviewed: \_\_\_\_\_

Number of discrepancies: \_\_\_\_\_

List and describe discrepancies:

Actions taken to resolve discrepancies:

Anticipated next review: \_\_\_\_\_

*Sample Report Card Template*

Diplomate: \_\_\_\_\_

Competency to be assessed:

Supervisor's name and contact details:

Summary:

*(Please provide details comments, with measurable findings if possible)*

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Signature and Date

*Portfolio Content Requirements:*

Diplomate: \_\_\_\_\_

Part 1: CV

Part 2: Listing of products supporting competencies selected by diplomate (i.e. for communication it may be copies of articles or talks, for education it could be a copy of the syllabus, research could be a proposal, etc.)

Part 3: Self assessment of achievement of competencies or a detailed workplace evaluation by a supervisor.