

# TECHNICAL STANDARDS DISCLOSURE

AVIATION MAINTENANCE PROFESSIONAL  
AVIATION MAINTENANCE TECHNOLOGY  
ADVANCED AIRCRAFT SYSTEMS



National Aviation Academy (“NAA”) is dedicated to providing students in its Aviation Maintenance programs with the skills and training they need to successfully enter the workforce upon graduation. For this reason, these programs, which prepare students for licensure as an Aircraft Mechanic, require participants to engage in diverse, complex, and specific experiences necessary to the acquisition and practice of essential aircraft mechanic skills and functions. Essential abilities and characteristics required to safely and successfully engage in these experiences include the minimum mental, emotional, sensory, motor, interpersonal, communication, and critical-thinking competencies set forth below (“Technical Standards”).

Students enrolling in these programs must be able to satisfy these Technical Standards at the time of enrollment and throughout the program, with or without reasonable accommodation. If NAA determines that a student is unable to satisfy these Technical Standards, he or she will be removed from the program.

A prospective student with a disability who believes that he or she will require an accommodation to satisfy the Technical Standards identified above should initiate discussions with Office of Compliance.<sup>1</sup> If a prospective student does not initiate a conversation, identify a disability, and request an accommodation, none will be provided.

## MOTOR SKILLS

- **GENERAL:** Students must have sufficient motor functions such that they are able to execute movements required to perform mechanical tasks as assigned.
- **SPECIFIC:** It is required that a student possess the motor skills necessary for assessment and diagnostic procedures such as inspection and demonstration of ability to execute techniques described in maintenance manuals, as well as other diagnostic maneuvers and procedures. Such actions require coordination of both gross and fine muscular movements, and equilibrium and functional uses of the senses of touch, vision, and hearing.

## SENSORY/OBSERVATION

- **GENERAL:** Students must be able to acquire information presented through demonstration and experience in the Part 147 airframe and powerplant curriculum.
- **SPECIFIC:** A student must be able to read and execute the techniques described in the maintenance manuals used to inspect, service, troubleshoot, and repair.

## COMMUNICATION

- **GENERAL:** Students must have the ability to communicate effectively with other students, faculty, staff, and other professionals.
- **SPECIFIC:** A student must be able to read, write, speak, and understand the English language. The student must be able to communicate verbally in English in classroom presentations and exercises, examinations, simulation, hangar site, and all formats. The student must be able to process and communicate information on the aircraft status with accuracy in a timely manner to his instructor and fellow students’ team. The appropriate communication may also rely on the student’s ability to make a correct judgment seeking supervision and consultation in a timely manner.

## COGNITIVE

- **GENERAL:** Students must be able to measure, calculate, reason, prioritize, analyze, integrate, and synthesize information and to act with integrity and judgment (ability to manage impulsivity). Students also must have the ability to sustain attention and memory to maintain safety and quality.
- **SPECIFIC:** A student must be able to read and comprehend extensive written materials. A student must also be able to evaluate and apply information and engage in critical thinking in the classroom and hangar setting within the time constraints unique to each setting.

## BEHAVIORAL/EMOTIONAL

- **GENERAL:** Students must possess the emotional health required for the utilization of their intellectual abilities, the exercise of good judgment, and the prompt completion of all responsibilities in aircraft maintenance.
- **SPECIFIC:** Students must be able to maintain mature, sensitive, and effective relationships with fellow students, faculty, staff and FAA personnel under all circumstances, including in highly stressful situations. They must have the emotional stability to function effectively under stress and to adapt to an environment that may change rapidly without warning or in unpredictable ways. They must know how their own values, attitudes, beliefs, emotions, and experiences affect their perceptions and relationships with others. Students must be able and willing to examine their behavior when it interferes with productive individual or team relationships. Students must possess skills and experience necessary for effective and harmonious relationships in diverse academic and work environments.

## PROFESSIONAL CONDUCT

- **GENERAL:** Students must possess the ability to reason morally and demonstrate tasks and skills in an ethical manner
- **SPECIFIC:** Student must be willing to learn and abide by professional standards of practice. They must possess attributes that include dignity, respect, honesty, and personal integrity as stated in the NAA creed and Aviation Mechanics Creed.

<sup>1</sup>NAA abides by the Americans with Disabilities Act, Section 504 of the Rehabilitation Act of 1973, and other applicable statutes and regulations relating to equality of opportunity.