



Aviation Maintenance Curriculum

Cleaning and Corrosion Control Course Syllabus

Summary: Upon completion of this course, students will understand what corrosion is and how it occurs. Students will learn the two main types of corrosion, the various forms it commonly takes, and the areas of aircraft that are particularly susceptible. For each metal used in aircraft structures, the student will learn about removal of, and treatment for, corrosion. Since regular and comprehensive cleaning is critical to controlling corrosion, the methods and tools of interior and exterior aircraft cleaning are explored.

Course Number: FAA-PART-147-CCC101

FAA Mechanic Airman Certification Standard Reference: Cleaning and Corrosion Control (AM.I.G)

Topics Covered:

1. Types and forms of corrosion
2. Inspections and removal of corrosion
3. Processes and materials used in corrosion control
4. Human factors involved with proper cleaning and corrosion inspection/removal

Activities:

- A. Corrosion identification
- B. Corrosion removal procedures
- C. Corrosion prevention procedures

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