

Cape Cod Community College AMTS

Curriculum Subject Guide for AMT 125 General Curriculum

Part 147, Appendix B, Subject Human Factors in Aviation

Subject: Human Factors in Aviation

Item 34. To identify aviation maintenance human factors that affect human performance in maintenance and inspection. (Level 1)

*T – 3.75 Hrs / L – 0.0 Hrs*

Classroom time: 3.75 hours

Lab or shop time: 0 hours

Test time: 0.25 hours

Total Time: 4 hours

Teaching Level 1

**Theory Test 1**

0.25 Hrs

Prerequisite(s)

(1) None

Course Interruptions: All interruptions or changes in course sequence will be in accordance with the Order of Instruction policy, located in Cape Cod Community College's Operations Manual, page 17.

Item 34:

Student Performance Goal(s)

Given: 14 CFR Federal Aviation Regulations for Aviation Maintenance Technicians, Aviation Maintenance Technician Handbook – General, Volume 1 (FAA-H-8083-30), page 13-9. FAA Handbook Chapter 14. FAA web address for information. ([http://www.faa.gov/about/initiatives/maintenance\\_hf/](http://www.faa.gov/about/initiatives/maintenance_hf/))

Performance: The student will read and interpret the human factors definitions. The SHELL model and the 12 issues stated from the DuPont Dirty Dozen will be interpreted.

Standard: The student will identify and understand the greatest impact in aircraft safety. The student learning to recognize human factors will prevent human error.

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