

Cape Cod Community College AMTS

Curriculum Subject Guide for AMT 213 Airframe Curriculum, Subject Item 28

Part 147, Appendix C, Part 1, Subject G – Airframe Inspection

Subject: Airframe Inspection

Item 28. Perform airframe conformity and airworthiness inspections (Level 3)

*T – 3.25 Hrs / L – 20 Hrs*

Classroom time: 3.25 hours

Lab or shop time: 20 hours

Test time: 1.75 hours

Total Time: 25 hours

Teaching Level 3

**Project 1**

Item 28 – 20 Hrs

**Theory Test 1**

0.25 Hrs

**Practical Test**

1.5 Hrs

Prerequisite(s)

- (1) Satisfactory completion of General Curriculum Module

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 28:

Student Performance Goal(s)

Given: 14 CFR Federal Aviation Regulations for Aviation Maintenance Technicians, Aviation Maintenance Technician Handbook – Airframe, Volume 1 (FAA-H-8083-31) Chapter 2. Federal Aviation Regulations for Aviation Maintenance Technicians, FAR Part 91:409, Part 43:13, Part 43:15 and Part 43:16. Piper Comanche 250 Maintenance Manual. Piper Aircraft Corporation Inspection Report PA-24/24-250/260/400 Comanche, PN 230-203 (Meets requirements of FAR Part 43)

Performance: The student will be familiarized with all necessary paperwork requirements of the inspection insuring that the aircraft conforms to FAA specifications, latest applicable FAA Airworthiness Directives and that all Manufactures Manuals, Alert

Notices are up to date and current. Perform aircraft inspections in accordance with current FAA standards.

**Standard:** Inspection report will be clear, concise, and of sufficient detail to reflect the status of the aircraft at the time of the inspection. The student will identify and understand the Aircraft Inspection lesson and score a passing grade on course quiz and practical test.

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