

Cape Cod Community College AMTS

Curriculum Subject Guide for AMT 231 Airframe Curriculum, Subject Item 53

Part 147, Appendix C, Part 2, Subject 1 – Ice and Rain Control Systems

Subject: Ice and Rain Control Systems

Item 53. Inspect, check, troubleshoot, service and repair airframe ice and rain control systems (Level 2)

T – 3.25 Hrs / L – 7 Hrs

Classroom time: 3.25 hours

Lab or shop time: 7 hours

Test time: 1.25 hours

Total Time: 11.5 hours

Teaching Level 2

Project 1A & 1B

Item 53 – 7 Hrs

Theory Test 1

0.25 Hrs

Practical Test

1.0 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 53:

Student Performance Goal(s)

Given: 14 CFR Federal Aviation Regulations for Aviation Maintenance Technicians, Aviation Maintenance Technician Handbook – Airframe, Volume 2 (FAA-H-8083-31) Chapter 15. 402C Maintenance Manual, Chapter 34. Piper Comanche PA 24-250 Service Manual

Performance: Inspect, check, troubleshoot, service, and repair airframe ice and rain control system to include the removal and replacement of a pitot probe heating element.

Standard: The student will identify and understand the Ice and Rain Control Systems lessons and score a passing grade on course quiz and practical test.

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