

Cape Cod Community College AMTS

Curriculum Subject Guide for AMT 229 Airframe Curriculum, Subject Items 51 and 52

Part 147, Appendix C, Part 2, Subject H – Position and Warning Systems

Subject. Position and Warning Systems

Item 51. Inspect, check, and service speed and configuration warning systems, electrical brake controls, and anti-skid systems. (Level 2)

T – 3.0 Hrs / L – 5.0 Hrs

Item 52. Inspect, check, troubleshoot, and service landing gear position indicating and warning systems. (Level 3)

T – 2.75 Hrs / L – 5.0 Hrs

Classroom time: 5.75 hours

Lab or shop time: 10 hours

Test time: 2.75 hours

Total Time: 18.5 hours

Teaching Level 2 and 3

Project 1

Item 51 – 5 Hrs

Theory Test 1

0.25 Hrs

Practical Test 2

1.0 Hrs

Project 2

Item 52 – 5 Hrs

Practical Test 1

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 51:

Student Performance Goal(s)

Given: 14 CFR Federal Aviation Regulations for Aviation Maintenance Technicians, Aviation Maintenance Technician Handbook – Airframe, Volumes 1 and 2 (FAA-H 808331), Chapters 9 and 13. Cessna 402C aircraft and maintenance manual.

Performance: In accordance with the manufacturer’s maintenance manual, inspect, check and service, low speed and configuration warning systems. The student will read and interpret electric brake controls and anti-skid systems lesson plans conducted by instructor.

Standard: The student will identify and understand the Position and Warning Systems lesson and score a passing grade on course quiz and practical test.

Item 52:

Student Performance Goal(s)

Given: 14 CFR Federal Aviation Regulations for Aviation Maintenance Technicians, Aviation Maintenance Technician Handbook – Airframe, Volumes 1 and 2 (FAA-H-808331), Chapters 9 and 13. Cessna 402C Aircraft Maintenance Manual.

Performance: In accordance with the manufacturer’s maintenance manual, inspect, check, troubleshoot and service landing gear position and warning systems.

Standard: The student will identify and understand the Position and Warning Systems lesson and score a passing grade on course quiz and practical test.

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