

Blueprint for Instruction and Assessment

Aircraft Mechanics

47.0600.50



Domain	Related Standards	Instructional Time
Domain 1 Basic Electricity	STANDARD 1.0 PERFORM ELECTRICAL MAINTENANCE AND REPAIR	25 - 30%
Domain 2 Regulatory	STANDARD 3.0 WEIGH AND BALANCE AIRCRAFT STANDARD 8.0 PREPARE AIRCRAFT MAINTENANCE FORMS AND RECORDS, INTERPRET PUBLICATIONS AND REGULATIONS STANDARD 10.0 IMPLEMENT INSPECTION CONCEPTS AND TECHNIQUES	25 - 30%
Domain 3 Basic Processes	STANDARD 4.0 MAINTAIN AND REPAIR FLUID LINES AND FITTINGS STANDARD 5.0 INSPECT AND IDENTIFY AIRCRAFT MATERIALS AND PROCESSES STANDARD 7.0 PERFORM AIRCRAFT CLEANING AND CORROSION CONTROL	25 - 30%
Domain 4 Basic Principles	STANDARD 2.0 PREPARE AIRCRAFT DRAWINGS STANDARD 9.0 APPLY PHYSICS TO AVIATION	5 - 10%
Domain 5 Basic Operations	STANDARD 6.0 PERFORM GROUND OPERATION AND SERVICES	5 - 10%

Content domains are knowledge, skills, and abilities to be taught and assessed. They illustrate the relationship among technical standards, instructional time, and student success on the Technical Skills Assessment. This blueprint corresponds with the Technical Standards modified in June 2024.

