

AVIATION MAINTENANCE REPAIR STATION TRAINING

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The state of the aviation maintenance industry has undergone a great deal of change in their method of operations and doing business. The certificated aviation maintenance repair station is no longer considered "the auto repair shop of aviation". Today's aviation repair station is a professional and sophisticated facility with highly skilled personnel, technicians, tooling, and test equipment enabling air transportation to be considered one of the safest means of transportation in the world today.

This course provides the necessary subjects to satisfy the instructional requirements indicated in 14 CFR Part 145, Section 145.163, which requires each FAA certificated repair station to establish a training program for employees who perform maintenance, inspections, preventive maintenance, or alterations. This requirement is for both initial and refresher training. This training program will enhance aviation safety.

In this course we are going to look at, discuss, and review Human Factors for the maintenance technician, pertinent OSHA / EPA requirements for the aviation repair facility, CFRs pertaining to aviation maintenance and the repair station, shop safety practices, Unapproved Parts Programs, and Runway Incursion Programs. Ultimately, the reduction of accidents by technicians and repair stations will improve the business environment, profitability, and customer service.



CURRICULUM (24 hours)

SUBJECT (ATA)	HOURS
DAY 1 Introduction to Human Factors Introduction to the "Dirty Dozen" Case Study: Embraer 120 Teamwork Communication Assertiveness, Norms Fatigue, Stress, Pressure Distraction. Lack of Awareness Lack of Knowledge and Resources Case Study" Boeing 737	8
DAY 2 Prevention of Runway Incursions Unapproved Parts Programs FAA Par 43, 91 and 145 Maintenance Required Rule Review	8
Day 3 Intro to OSHA OSHA Inspections Recordkeeping Requirements Shop Safety HazMat Programs HazCom Programs The EPA AND THE Aviation repair Station Conclusion	8
TOTAL	24

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