

# AMT Capabilities / Courses 2019

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## **AIRCRAFT FAMILIARIZATION COURSES 40 & 80 HOUR**

Aircraft Familiarization Courses 40 Hours meet ATA 104 Level I Objectives

Aircraft Familiarization Courses 80 Hours meet ATA 104 Level II Objectives

- Boeing 717
- Boeing 727
- Boeing 737
- Boeing 747
- Boeing 757
- Boeing 767
- Airbus A318
- Airbus A319
- Airbus A320
- Airbus A321

## **FAA AIRFRAME & POWERPLANT (A&P)**

### **FAA INSPECTION AUTHORIZATION (IA)**

## **FEDERAL COMMUNICATION COMMISSION (FCC)**

## **FAR 147 ALL SUBJECTS COVERED**

### **THE FOLLOWING SUBJECTS MAY BE DEVELOPED SPECIFIC TO THE NEEDS OF THE ORGANIZATION:**

Aircraft Corrosion (types, treatment, prevention)

Aircraft Electrical Systems (large aircraft)

Aircraft Repairman Certification

Aircraft Weight and Balance

Airframe and Powerplant Certification Process

Basic Heat Treating

Basic Sheet Metal Practices (aircraft)

Calipers (metric)

Calipers (US Standard)

Chemical Identification and Handling Practices

Commercial Aircraft Tires

Commercial Aircraft Wheel Nomenclature

Commercial Aircraft Wheel Standard Practices

Commercial Aircraft Wheel Overhaul

Electrical Analog Multimeters

Electrical Digital Multimeters

Electrical Aircraft Wire and Wire Harness Practices

Fire Protection (aircraft)

Fire Protection (shop)

Fluid Lines and Installation

Gaseous Nitrogen (MSDS)

Ground Handling (large aircraft)

Hand Tool Safety

Hazmat for Repair Stations

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Heat and Heat Stroke  
Heat Shrink  
Human Factor Case Studies  
Human Factors (EASA) (4) (8) (16) HOURS  
Human Factors (FAA)  
Joint Compound  
Ladder and Lift Truck Safety  
Lifting  
Locking Devices  
Lockout/Tagout  
Maintenance Regulations  
Maintenance Publications (Understanding)  
Micrometers  
Modifications and Alterations  
NDI Dye Penetrant Introduction  
NDI Eddy Current Entry Level  
NDI Magnetic Particle Entry Level  
NDI Ultrasound Entry Level  
NDI Visual Inspection Entry Level  
O Rings  
OSHA EPA Right To Know  
Personal Minimums  
Personal Protection Equipment  
Power Industrial Trucks (forklifts)  
Power Tools Safety  
Ramp Safety  
Repair Station Surveillance Trends  
Respirators  
Risk Assessment  
Rulers  
Safety Management Systems (SMS)  
Safety wire Practices  
SFAR 88  
Shock, Fainting, Burns, Eyes  
Small Aircraft Ignition Systems  
Solder less Connections  
Stress Management  
Suspected Unapproved Parts  
Torque and Torque Wrench Usage  
Understanding Fatigue  
Understanding Maintenance Manuals  
Working With Liquid Nitrogen