

# AVIONICS TRAINING

L2 Consulting Services, Inc. provides avionics training that is suited to the customer's needs with a three tier system: specialized modules; presentations; and instruction.



## SPECIALIZED MODULES

The complexity of today's commercial avionics requires knowledgeable maintenance personnel that are able to maintain and understand the various systems in an aircraft, how they operate and their interconnectivity. The ability to grasp how today's avionics systems work and relate to communication, navigation, or surveillance can be daunting even for the experienced avionics technician. Knowing how to find the cause of an avionics problem and where to begin troubleshooting can determine whether an aircraft is able to make a revenue flight.

The First thing L2 training does is break down avionics into their respective components: communications; navigation; and surveillance. It is important to know what function a system provides when attempting to gain an understanding of an aircraft's avionics. The components are broken down further into specific modules that are specialized according to the cus-

## PRESENTATIONS

The modules are provided in a PowerPoint presentation. The presentations cover the theory of operation for a system, components, equipment description, operation, troubleshooting, and repair. Each presentation can be tailored to a specific aircraft model or the entire fleet, which can consist of different airframe types.

L2 training works closely with the customer throughout the process to ensure that all information is accurate and reflects the specific system in the modules and that they match fleet



configurations.

The presentations utilize a variety of information from bulleted text to graphic drawings and customer-supplied photographs of current equipment locations to injected short films.

The presentations highlight the main principles in each section, while more detailed information can be found in the notes portion of the presentation. A short quiz accompanies the presentation to measure the student's comprehension and retention of the material covered.

## INSTRUCTION

The final tier to L2's training program is instruction. While the modules are designed with the option for a self-paced program, L2 offers instruction services that are given at a place of the customer's choosing. The modules, individually or grouped according to the customer's requirements, are presented by a member of L2's training team in a classroom environment. Course material is enhanced by discussion, hands-on training (where applicable), films, and evaluation through testing.

L2 training instructors come with plenty of real world experience. Most instructors have experience in maintenance, engineering, or both. It is important to have practical experience when tackling the highly-advanced and ever-changing world of today's avionics. L2 maintains that edge by ensuring all employees maintain recurrent annual training.

When knowledge about avionics is something you require from your maintenance crew, count on L2's Avionics



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