

## **Advanced Accident Investigation Course – About the Course...**

### **Mission:**

The mission of the Advanced Accident Investigation Course is to lead the MEC Accident Investigator through a complete simulated accident while maintaining a balance of academic application and realistic simulation.

Every MEC CASC Chairman and their Chief Accident Investigator is faced with potentially participating in an NTSB/TSBC aircraft accident investigation. The most effective preparation for such activity is the very experience that no Association member actually desires: previous participation in an actual NTSB/TSBC investigation. The next most effective form of preparation is a dress rehearsal where team members step into the role of ALPA Coordinator or NTSB group member or TSBC PDI.

A multi-level program of classroom refresher training and workshop/scenario training includes:

> Chief Accident Investigator Refresher Training > Accident Investigation Team Refresher Training (Abbreviated) > Accident Investigation Team Advanced Training (Accident Investigation 3)

The Advanced Accident Investigation Course (AI-3) provides ALPA safety investigators with a thorough rehearsal of NTSB procedures, and a comprehensive examination of pre-accident plans and documents. A portion of the training is conducted on a mock crash site. AI-3 thoroughly prepares MEC, CASC and Investigation Team members before the need arises.

### **Training is accomplished in three days:**

The accident exercise is accomplished as a time-compressed field investigation. Assembled Accident Investigation Team members interact with role-playing NTSB, ATC, and government officials along with management, manufacturer and component representatives as they work to complete this phase of the investigation. Students are exposed to several technical groups during this fact-gathering activity.

### **Prerequisites:**

> Completed ALPA's Basic Safety School (AI-1 modules) > Completed ALPA's Accident Investigation Course (AI-2) > Demonstrated motivation to work on MEC Air Safety Team > Approval of MEC Central Air Safety Chairman and Chief Accident Investigator.

### **Target Audience:**

> MEC Accident Investigation Go-Team members > MEC Chief Accident Investigators

### **Desired knowledge and skills upon completion:**

> Employ and enhance the knowledge gained in previous accident investigation training. > Function as the Chief Accident Investigator or the ALPA Coordinator on an NTSB/TSBC aircraft accident investigation.

Course enrollment generally opens 60 days prior to class. Contact Accident Investigation Vice Chairman, Dr. Jim Perry at [Jim.Perry@alpa.org](mailto:Jim.Perry@alpa.org) to obtain approval to enroll or AI Chairman, Captain Shem Malmquist at [Shem.Malmquist@alpa.org](mailto:Shem.Malmquist@alpa.org).