

#049 ROOT CAUSE ANALYSIS

This course provides basic training on several root cause analysis techniques that can be used for problem solving or mishap investigation. The student will understand the concept of root causes, how to identify them, and how to formulate corrective actions. Examples and exercises will be provided from NASA and other historical sources. Most of the tools available are derived from the cause and effect relationships and this will be the primary focus in the class. Several software driven tools will also be discussed. There are no prerequisites for this course.

Target Audience:

- Safety, Reliability, Quality, and Maintainability Professionals
- Managers, supervisors, and others tasked with mishap investigation or problem correction

About the Instructor:

Tom Torpey has a B. S. Degree in Industrial Administration, a M. S. Degree in Aeronautical Science, and spent 22 years in the United States Air Force as a crewmember, aircraft commander and instructor pilot with 3000 hours of flying time. He has extensive teaching experience in aviation related areas and human factors training. As a human factors and mishap analysis instructor he has delivered training to over 4000 individuals in a wide variety of disciplines. He is also an Adjunct Professor with Embry Riddle Aeronautical University.



Dates:

December 14 - 16, 2004
8:00 a.m. - 4:00 p.m.

Marshall Space Flight Center
Bldg. 4200, Room G13D

Continuing Education Units
1.2 CEUs available

Please register through Inside Marshall on the SHE Page. For additional information, please contact:

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