

N. Albert Moussa, PhD, PE

In 1987, Dr. Moussa founded BlazeTech Corp, an engineering consulting firm that specializes in combustion, fire and explosion where he is the Technical Director. He has over 40 years of experience in fire and explosion in civilian and military aircraft. He authored one book on flammability and over 150 publications, presentations and reports. He has worked on small- and full-scale testing of aircraft materials, components, systems and entire aircraft, fire and explosion modeling, the design of fire detection and suppression systems and interpretation of new requirements. Since 1996, he has consulted on major aircraft fire/explosion accidents in the US and overseas. His forewarnings about aircraft fuel system vulnerabilities before the TWA800 and Concorde disasters have gained him prominence in the general media including interviews with the New York Times, CBS, BBC, and various European media. Since 1998, he has organized and taught a unique annual professional course on "Aircraft Fire Hazards, Protection and Investigation". The course has been offered in three continents and attended by industry, government and academia. He has received numerous awards: the William Lockwood Memorial Lecture Award, Engineer of the Year by the NE- AIAA Section, AIAA Distinguished Lecturer, Best Papers by SAE and ASEI, and several ASME citations. He served on national committees and was Associate Editor of an ASME Journal. He received his B.S.M.E. (with Honors) from Stanford University and Masters/Doctoral degrees from MIT, with both dissertations focusing on fire.