Patricia Cahill is a Materials and Metallurgical Engineer involved in research and development for the Federal Aviation Administration (FAA). Since joining the FAA in 1985, she has worked in the Fire Safety Section of the Airport and Aircraft Safety Research and Development Division at the William J. Hughes Technical Center. Ms. Cahill's principal area of investigation is comparative materials performance under "FIRE" threats. During the past three years, she has been actively involved in the development and implementation of the new thermal/acoustical insulation test for aircraft. She is now working on a new flammability test methods for materials in the hidden areas of the aircraft such as aircraft wiring. Ms. Cahill graduated from Drexel University in Philadelphia, Pennsylvania with a B.S. degree.