



International Aviation Safety Assistance Program

All nations are concerned for the safety of their traveling citizens. This concern has manifested itself in increased oversight of civil aviation authorities (CAAs) by various foreign and international agencies. International programs, such as the International Civil Aviation Organization's (ICAO) Universal Safety Oversight Audit Program, the European Union Safety Assessment Foreign Aircraft Program, and the U. S. Federal Aviation Administration (FAA) International Aviation Safety Assistance (IASA) Program, are designed to evaluate the adequacy of CAA's safety oversight of its operators. Audits and assessments carried out to date indicate many states are having difficulty fulfilling their safety oversight obligations, which can have far-reaching economic and political consequences for the country, the CAA, and the airlines. Starting in 2004, ICAO will expand its safety oversight program to include Air Traffic Control (Annex 1, 11), Aerodromes (Annex 14), and Accident Investigation (Annex 13).

Aviation Safety Assistance

The MITRE Corporation's Center for Advanced Aviation System Development (MITRE/CAASD) has provided support and consultation to international civil aviation authorities, airport authorities, and other aviation organizations in the areas of safety oversight, safety management systems, systems engineering, aviation operations, and systems integration.

As a federally funded research and development center sponsored by the FAA, MITRE/CAASD is uniquely qualified to help clients integrate operational needs with technical capabilities. To this end, we are committed to bringing together a team of professionals to provide state-of-the-art solutions to real-world problems. MITRE/CAASD is uniquely qualified to support a variety of aviation safety projects.

In recent safety projects, we supported the Egyptian Civil Aviation Authority (ECAA), the Hellenic Civil Aviation Authority of Greece, the Republic of China's Air Traffic Service's department, the Republic of Korea

CAA's Aeronautical Telecommunications department, and the operator of all Argentina's airports in modernizing their safety oversight programs and Safety Management Systems (SMS). These projects included assessments of the CAAs' compliance with ICAO Standards and Recommended Practices (SARPs); including Annexes 1, 6, 8, 10, 11, 14, 15, and 17 for aviation safety oversight and SMS program development. Following the assessments, we developed action plans to address corrective actions; assisted in preparing new aviation laws and regulations, safety inspector handbooks, and policy and procedures manuals; provided surveillance scheduling; designed a regulatory tracking system; and provided inspector training. MITRE/CAASD was recognized by the ECAA Chairman and the Director of the Republic of China's Air Traffic Services Division for our significant role in preparing their organizations for FAA IASA and the ICAO Safety Oversight Audits for Annexes 1, 6, 8, 11, and 14. At the conclusion of their assessments, ICAO and the FAA reported that Egypt was in full compliance with International Standards for safety oversight of its airlines. MITRE/CAASD also provided technical assistance to EgyptAir in developing safety and certification programs, maintenance quality control programs, an operations control center, and performance baseline programs. MITRE/CAASD offers its clients extensive experience in Safety Management Systems development for the related ICAO SARPS. MITRE/CAASD has developed and implemented three disciplines of aviation safety systems Flight Standards, Air Traffic Services and Airports. Safety management system specialists are subject matter experts with many years of relevant discipline experience. Assessment results are proprietary and action plans mitigate deficiencies. Specialists are ISO 9001:2000 certified as Lead Internal Quality Auditors and members of the American Society of Quality.

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