

MCACG



Mr. Marcos Costilla, founder of Marcos Costilla Aviation Consulting Group, LLC, is a leading industry expert in organizational and infrastructure capacity building of all facets of the aviation sector in modern and developing countries. His practice specializes in ICAO SARPS and FAA regulations as applied to regulatory

organizations such as civil aviation authorities, air navigation service providers, airport operators, airlines, and other stakeholders. MCACG is comprised of industry experts with specialized knowledge and years of experience in their selected field. Services include evaluations and audits, training, on-site technical assistance, ATM CNS infrastructure modernization, airport modernization and operations, project management, and management consulting services. MC Aviation has performed services for China, Chile, Mexico, Spain, and presently has technical experts in Baghdad Iraq. Other countries involved in negotiations for services include: Caribbean Islands, Mexico, Philippines, Afghanistan, Vietnam, India, and Indonesia. MC Aviation teams are selected for success combining technical expertise with relevant experience in the selected country. Prior to founding MC Aviation Consulting Group, Mr Costilla served 37+ years in government service. A career Senior Executive Service (SES) employee of the FAA, Mr Costilla held numerous SES level positions in the US and abroad. His last assignment prior to retirement in 2007, Mr Costilla served 3 years as the FAA Senior Advisor and DOT Counselor at the US Embassy, Baghdad Iraq. He holds a Master of Science Degree in Transportation Studies (Civil Engineering Dept) from the University of California, Berkeley, 1979. and is a resident graduate of the Air War College, Class of 89'. Mr. Costilla is an active private pilot with multi-engine rating.

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**Marcos Costilla Aviation
Consulting Group, LLC**

*“Experts dedicated to the promotion
of Aviation Safety and Security”*

SAFETY MANAGEMENT SYSTEMS (SMS)



CCR Registered

www.mcaviationconsulting.com

Capabilities

MCACG offers its clients consulting services designed to achieve compliance with ICAO/FAA standards.



Our consultants are experts in the interpretation and application of ICAO/FAA Standards and Recommended Practices (SARPS) in all segments of the aviation sector, regulatory, operators, and service providers:

- Review and update existing civil aviation legislation and regulations
- Airport Certification & Inspector Training
- Security Assessments & Training
- Environmental Studies
- Safety Management Systems (SMS) Training
- Experts in ATC/CNS

Safety Management System Training & Mentor Program

- Overview of the current regulations and policies (GAP ANALYSIS)
- Overview of ICAO standards (DOC 9859/AN460)
- Safety Risk Management (SRM) of Aerodromes
- Hazard Identification
- Risk Assessment Matrix
- Calculation of Risk Index
- Risk Mitigation Strategy
- Defense Analysis
- Tools to identify hazards
 - “What if...” tool
 - Preliminary Hazard List (PHL)
 - Preliminary Hazard Analysis
 - Fault Tree Analysis
- Mitigation Controls
- Risk Communication
- Risk Monitoring
- Airport Safety Management Manual
 - Safety Objectives and Policy
 - Safety Risk Management (SRM)
 - Safety Assurance

Experience

Our consultants have over 30 years of experience as Safety Management System (SMS) and Safety Risk Management (SRM) experts in Federal Aviation Administration and ICAO policies and practices.



FAA— Created Los Angeles International Airport (LAX) SMS-SRM report in 2007. This report established a standard across the U.S. on design safety and implications for legacy airports.

Dubai, UAE— Our consultant is scheduled to conduct an ICAO approved SMS-SRM in-depth training for UAE officials in June 2008.