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## **SUSHANT DEB**

### **Service offerings:**

*Airlines & Airport Operational Safety/Security Audit – Gap Analysis  
Airlines Operations Management & Quality Assurance  
IS-BAO Auditing-Consulting-Training & Gap Analysis  
Aviation Safety & Security Management & related Aviation Laws  
ISO9001 & Aerospace AS9100/9110/9120 Auditing-Consulting-Training*

### **CERTIFICATIONS & EDUCATION :**

- (1) Graduate Certificate in **Aviation Safety & Security** (Aviation Institute, GWU, USA)
- (2) **IATA** Operational Safety Auditor Qualified – IATA Certificate # 085645 (IATA, Geneva, 2006)
- (3) ISO 9001:2000 QMS Lead Auditor (IRCA Certified, exp. 10/2009)
- (4) Aerospace Experienced Auditor (IRCA Certified Lead Auditor) for AS9100 (Aircraft QMS) - AS9110 (FAA Repair Station-MRO) - AS9120 (Aerospace Stockists & Distributors), exp. 10/2009
- (5) Other audit related Technical Codes: (A) UKAS T01: Aircraft – design, mfg., & repair of rotary winged aircraft, aero engines, guided weapons and satellites [from 1997]; (B) UKAS T72E: Air Transport & Supporting Services – includes airlines, air charters, air transport, airports, civil aviation authority & air traffic control [from 1997]; (C) IAF Code 21: Aerospace including Aviation [from 2004]; (D) NACE Code (EU): DM 35.3: Aerospace including Aviation [From 2004]
- (6) IS-BAO Auditor for Business Aviation

Doctorate in Business Management (USA); Two Masters Degrees, one in Economics and the other in Mathematics (CANADA); Postgraduate Diploma in Advertising (UK); Bachelors Degree in Physics, Geology & Mathematics (INDIA)

### **WORK EXPERIENCE (1974 – 2008):**

- ISO 9001:2000 Auditing ---- AS 9100 Aerospace Auditing  
--- **Logged over 1700 audit days** [from 1995]
- Information System Auditing (including Software Testing & SAP audit)
- Academic Administration (including University Faculty many years)
- Public Sector (US, Canadian & Indian Governments)
- International Operations Management (several countries)
- **Sr. Auditor/Client Manager (ISO & AS)** – for #1 Registrar in the world -- British Standards – from July 01, 2000 till December 31, 2005
- **Currently subcontracting:** ISO & Aerospace Audit jobs for British Standards (UK); Bureau de Veritas (UK); LRQA (Lloyds) and Great Western Registrar (USA)
- **Seminars/Corporate Trainings** (for Pacific Area Travel Association PATA in various locations in the Pacific Rim 1985-91; Ethiopian Airways 1985; Cathay Pacific in Hong Kong 1989; and Air Polynesia in Tahiti 1991); AS9100 Training at corporations such as: Fujitsu, Southwire, Guardian, Synnex, Pacific Avionics, Specline Aerospace, etc.

**PROFESSIONAL MEMBERSHIP:** Flight Safety Foundation (USA); American Society for Quality (USA)

**PERSONAL INFORMATION:** Male; frequent travel (national/international) is quite OK

**SPECIALITIES:** Lean Management, Process Analysis, Seminar & Business Workshop, Conflict Management, Coaching, Project Management, 5-S Applications, etc.

**OTHER:** Comprehensive knowledge of the following ICAO Annexes: 8 (airworthiness of aircrafts), 13 (aircraft accident investigation), 14 vol. 1 (aerodrome design & operations), 17 (security); Procedures: 9157 (aerodrome design manual), 9756 (aircraft accident investigation manual), 9683-9806-9808 (human factors), 9803 (line operations safety audits), 9735 (safety oversight audit manual); also familiar with the IATA's Aviation Security protocols; and familiar with FAA Parts 91, 121, 91, 135, 139 and 145.

**Announcing development of an Airport SMS Standard (ApSMS Standard):** Originally developed as a Research Project, required for the *Aviation Safety & Security Certification Program at GWR Aviation Institute*, the full-fledged Standard is now ready to be deployed for any class of airport in the world. The Standard is based on eight quality management principles used to develop ISO 9001 Standard and uses the PDCA principles as the 'engine' of the Standard. The ApSMS Standard is based on five pillars (clauses) and each clause has multiple sub-clauses.

### AVIATION SAFETY-SECURITY-QUALITY Related RESEARCH Activities

- (15) "Impact of Growth in MRO Outsourcing on Aviation Safety"; International Aerospace Review & Analysis, July-August 2008.
- (14) "Airline Operational Risk Management Using IATA's Safety Audit Standard"; International Aerospace Review & Analysis, July-August 2008.
- (13) "An SMS Standard for Airports"; Aero Safety World, May 2008.
- (12) "Airport Safety Management Systems: Developing a Standard"; Aviation Security International, Volume 14, Issue 1, February 2008.
- (11) "A Framework for an Airport Safety Assurance"; International Aerospace Review & Analysis, Jan - Feb 2008.
- (10) "Recent Changes in Second Edition of IOSA-Standard"; International Aerospace Review & Analysis, Nov-Dec 2007.
- (9) "Deciphering the plausible reasons behind the exemplary safety record notched up by Business Aviation"; SP's Aviation, Issue 4, 2007.
- (8) "A Tool for Airline Operational Security"; Aviation Security International, Volume 13, Issue 5, October 2007.
- (7) "Safety Management System: Controlling Aviation Hazards"; SP's Aviation, Issue 2, 2007.
- (7) "Airline Industry Models Operational Safety Standard on ISO 9001:2000"; ISO Management Systems, March-April, 2007.
- (5) "Airline Safety Standard Exceeds ISO 9001"; Aero Safety World, February 2007.
- (4) "Customer Service Measurement at Facility Security Posts"; Proceedings of World Customer Service Congress, 1997 (ISBN: 1-891034-01-4).
- (3) "TQM Application in Aerospace Industry"; Research Paper, University of San Francisco, 1992.
- (2) "The Strategy-Technology-Structure Fit and its application to Aircraft Industry in US, Europe and Japan"; Research Paper, University of San Francisco, 1991.
- (1) "Service Operation Management: Essential Civil Air Transportation in Developing Countries"; Annals of Tourism Research, Vol. 13, No. 2, 1986.