

CHARLES C. BOSTON

Laboratory Manager Instrumentation Specialist and Forensic Engineering Assistant System Engineering And Laboratories (SEAL), Tyler

EDUCATION

Electrical Engineering, Modesto Junior College, 1968
Aviation Electronics & Electrical School; Jacksonville, Florida, U.S. Marine Corps, 1969
Aviation Electronics Advanced Electronics School; Jacksonville, Florida,
U.S. Marine Corps, 1972
Aviation Electronics Advanced Electronics School; Memphis, Tennessee,
U.S. Marine Corps, 1976

CERTIFICATIONS

Quality Assurance Inspector for aircraft electronics and electrical equipment, test and installation, U.S. Marine Corps
Quality Assurance Auditor for squadron level and intermediate level maintenance work centers, U.S. Marine Corps
Certified Open Water Scuba Diver, PADI
American Heart Association Cardiopulmonary Resuscitation and Emergency Cardiac Care Certification, 1988
Licensed Private Investigator #A06940

PROFESSIONAL SOCIETIES

ASSET, American Society of Certified Engineering Technicians
ASNT, American Society For Nondestructive Testing

ADDITIONAL EDUCATION

H408N Honeywell Computer Operator Course, Beaufort, S.C., - Honeywell Industries
Stein Engineering Services, Inc., Phoenix, AZ - The Engineering of Measuring Systems Course, 1992
Digital Logic and Computer Operation, Beaufort, S.C., U.S. Marine Corps
Acceleration and Vericom Familiarization, Vericom Computers, Inc., McKinney Texas, 2002
Level I Ultrasonics, Krautkramer Branson Incorporated, Houston, Texas, January 1994
F-4 Automatic Flight Control Systems; Power Generating Systems; Loft Bomb Computer Systems, U.S. Marine Corps
Maintenance Data Collection System Workers Course and Supervisors Course - U.S. Marine Corps
Current Fire Investigation Procedures, North TX Chapter of IASIU, April 1999
9th Annual Central East Texas Arson Investigators Seminar, Longview, Texas, 1992
The Prosecution of Arson, North TX Chapter of IASIU, April 1999
Auto Theft Investigations, North TX Chapter of IASIU, April 1999
Russian Organized Crime in Insurance, North TX Chapter of IASIU, April 1999
Small Power Watercraft Damage Evaluation, First Marine Insurance Company, Kansas City, MO, March 2000
Lightning Seminar, Global Atmospheric, Richardson, Texas, March 2000
Annual East Texas Arson Investigators Seminar, Longview, TX, 1999, 2000, 2002, 2003, 2004

QUALIFICATIONS

Qualified and experienced in the repair and testing of an extensive variety of electronic, electrical, and electromechanical devices. Experienced in techniques of instrumentation, data gathering and conversion, and testing methodology as applied to forensic reconstruction and study. Qualified and experienced in testing pre-production and production products to American National Standards (ANSI). Experienced in the various aspects of equipment maintenance, calibration, programming, and management. Qualified in the various aspects of managing and operating quality assurance programs.

EXPERIENCE

1989 - Present Laboratory Manager, System Engineering and Laboratories (SEAL). Responsible for laboratory and equipment instrumentation, calibration, and maintenance. Conducting laboratory and field testing for forensic reconstruction and study.

1969 - 1989 U.S. Marine Corps. Filled various positions starting with Aviation Electronics Technician through Avionics Division Supervisor. Work as Production Control Supervisor responsible for the production output of five separate divisions. Became a Squadron Maintenance Supervisor responsible for the total maintenance effort for a squadron of 30 aircraft. Was assigned as the Marine Corps Recruiter in charge of recruiting efforts for a large part of Nebraska. Was called on to train and instruct personnel in various areas of electronics repair and testing, safety, and equipment maintenance.



MILITARY EXPERIENCE

1968-1989 United States Marine Corps
Retired as Master Sergeant with top-secret security clearance