

# Robert C. Ballard

## Education

*Thomas A. Edison State College, Trenton, New Jersey (2000)*  
BSEET - Electronic Engineering (Computer Science Option)

*Southern Technical Institute, Marietta, Georgia (1986)*  
65 Units - Minor Technical Communications

*Air University, Maxwell Air Force Base, Alabama (1986)*  
AAS - Aerospace Engineering (Communications Electronics Option)

*Auburn University (2003-2004)*  
Designing with Wood I (Basics), II (Allowable Stress Design), III (Load and Resistance Factor Design) (2004)  
Soil Basics for Engineers (2003)  
Concrete Basics: Slab on Grade (2003)

*Gwinnett Technical Institute (1992-2002)*  
Backflow Prevention (2002)  
Commercial Building Code (Certified) (2001)  
Residential Building Code (Certified) (2000)  
Residential Construction and Inspection (2000)  
EIFS/Stucco Application and Inspection (1999)  
Computer Assisted Drafting and Design (1992-1993)

*Indiana University (1999-2000)*  
Scientific Reasoning

*University of Nebraska (1997-1998)*  
Statistical Processes and Control

*Georgia Air National Guard, Dobbins AFB, Georgia (1983-1986)*  
Avionics Radar Systems Maintenance (1986)  
Avionics Auto Pilot Control Systems Maintenance (1986)  
Electronic Countermeasures (1985)

*Tustin Institute of Technology (1984)*  
Random Vibration Testing

*Thermotron Corporation (1983)*  
Environmental Stress Testing

*Spectral Dynamics (1983)*  
Electronic Failure Analysis

*Test Engineering Institute (1982)*  
Digital Board Testing

*McDonnell-Douglas (1981)*  
Micro-Computer Design and Repair

*United States Air Force (1971-1980)*  
Avionics Navigation Systems Reliability (1979)  
High Reliability Maintenance (1973)  
Avionics Communications Systems Maintenance (1972)

*National Radio Institute ((1974-1975)*  
Computer Electronics

*American Institute of Technology, Phoenix, Arizona (1970-1971)*  
IBM Computer Programming and Repair

*KOFA High School, Yuma, Arizona (1970)*

## Certifications/Awards

*National Association of Fire Investigators (NAFI)*  
Certified Fire and Explosions Investigator (CFEI) (2004/2001)

*International Code Council (ICC) and Southern Building Code Congress International (SBCCI)*  
Certified Residential Combination Inspector (RCI) (2004/2000)  
Certified Building Inspector (BI) (2004/2001)

*American College of Forensic Examiners, International (ACFEI)*  
Diplomate, American Board of Forensic Engineering and Technology (DABFET) (2001)  
Certified Forensic Consultant (CFC) (2004)  
Certified Homeland Security Level III (CHS-III) (2003)

## Experience

*Intelligent Forensics (9/81 to Present)*  
Forensic Analyst for Electrical, Mechanical, Structural, Water Damage, Fires, Lightning (3500 + Investigations)  
Fire Cause Research, Electronic Equipment Failure Analysis, Industrial Equipment Design and Automation  
Test and Repair of Electrical and Mechanical Devices to component level (35,000 + Repairs)  
Designed, built and installed electrical/mechanical/computer interfaces for repair facility at Newark International Airport

*Nordson Corporation (7/88 to 3/90)*  
Determined cause of failure on industrial glue application machinery. Designed test devices. Wrote test programs.

*Rockwell International (1/85 to 7/88)*  
Devised calibration and test/repair methods for precision measurement equipment and laboratory standards.

*Systems Instruments Research (1/83 to 10/84)*  
Determined cause of field failures, recommended design changes, programmed test computer for automotive systems.

*Loral Electronic Systems (10/81 to 5/83)*  
Established environmental test screening methods for military products.

*Microdata Corporation (2/81 to 10/81)*  
Devised computer test methods, test and repair to component level, modified test fixtures and adapters.

*Dynallectron Corporation (6/80 to 2/81)*  
Modified and installed wire harnesses, installed TSEC communication and weapons controls on F4 Wild Weasels

*United States Air Force (6/71 to 8/80) and Georgia Air National Guard (6/83 to 6/86)*  
Complex systems repair, fault isolation and cause determination on B57, F100, F105, T38, F4, F15, F16 aircraft.

# Intelligent Forensics

2922 Hickory Drive  
Snellville, Georgia 30078-3607  
USA  
CELL 770-331-3411  
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[Forensics@att.net](mailto:Forensics@att.net)

## 2008 Fee Sheet

### Analysis:

\$135.00 per hour plus round trip travel time at \$85.00 per hour plus round trip mileage at \$0.75 per mile.

EUO, Arbitration, Courtroom Testimony is at the rate of \$180.00 per hour with a minimum billing of 4 hours (\$720.00), plus round trip travel time at \$85.00 per hour plus round trip mileage at \$0.75 per mile.

Travel time and mileage is earned once departure has been made for the EUO, Arbitration or Courtroom location. The 4 hour testimony fee is earned once the oath has been taken. Testimony over 4 hours is billed at \$180.00 per hour or each portion of an hour.

### Depositions:

\$720.00 for a 4 hour block of time. Depositions that are taken at the opposing attorney's office or chosen location will incur additional costs for round trip travel time at \$85.00 per hour and round trip mileage at \$0.75 per mile. Travel time and mileage is earned once departure for the deposition site has begun. The 4 hour block of time is earned upon arrival at the deposition site and the scheduled time occurs.

All fees **MUST BE PREPAID 72 HOURS in ADVANCE of DEPOSITION by OPPOSING ATTORNEY. NO REFUND will be made of the initial 4 hour minimum payment if Cancellation is made by the opposing attorney with less than 24 hours advance notice. Further, if the deposition goes past 4 hours, a second check will need to be presented to pay for the additional time in the amount of \$180.00 per hour or each portion of an hour. If the second check is not presented, then the deposition will have to be rescheduled with the same original 72 hour prepayment receipt requirement for the next 4 hour block of time for \$720.00.**

NOTE: If the prepayment is not received within the required 72 hour advance notice interval, then the deposition will be required to be rescheduled. No travel will be made to the deposition site unless the prepayment has been received and deposited. Additionally, no travel will be made to the deposition site with an opposing attorney agreement to produce the prepayment check upon arrival.

### Additional billing items:

Lodging, Meals, Marta/Bus/Taxi/Courier Delivery Fees: Actual Expenses Incurred plus 10%

The following items are normally included with the report and are not separately billed or charged for. The amounts shown are for additional copies of the indicated items for both Intelligent Forensics' client and for opposing counsel or opposing experts.

Digital Photographs: \$4.00 per photo sheet with 4 photographs per page.

Video CD: \$75.00 each, includes index sheet.

Copies of documents: \$0.75 per page