

THE  
ROBERT  
B. BALTER  
COMPANY

AVIATION QUALIFICATIONS

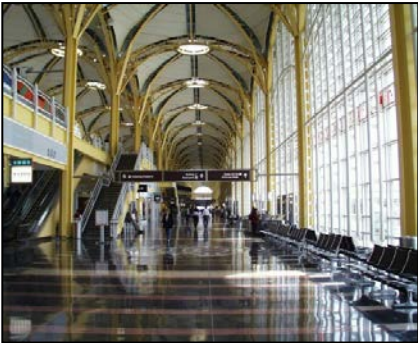




## HISTORY...

**The Robert B. Balter Company** (Balter) is a specialty consulting firm providing Geotechnical and Geo-environmental Engineering, Quality Assurance (QA) Testing and Inspection, Acceptance Testing, Special Inspections, Construction Inspection, Materials Laboratory Testing and Subsurface Explorations services.

Through two generations of service, Balter has developed a solid reputation as one of the most experienced specialty engineering firms. Over the past half-century, we have provided our expertise for the design and construction on more than 17,500 projects throughout the United States and Internationally.



Our objective is to offer a boutique-type consulting service to high quality clientele, ensuring consistently excellent service, dedication to individual needs and a positive team oriented work environment.

Balter has achieved eight (8) Agency, 93 ASTM and AASHTO, and 53 USACE laboratory accreditations. Our materials laboratories include fully automated equipment that is otherwise available chiefly in research or government institutions.

Our incomparable qualifications fulfill all FAA requirements for Engineering, Inspection and Acceptance Testing. We have a reputation for technical excellence, exceptional client service and cost effective solutions.



## BALTER'S INVOLVEMENT IN AVIATION...

### DESIGN

- Perform Geotechnical and Pavement Studies
- Review Proposed Construction Materials
- Review Plans and Specs for FAA Compliance
- Prepare Construction Management Plan Materials QA Section
- Establish QA Programs per Updated FAA AC's

### PRE-CONSTRUCTION

- Alternatives – Value Engineering
- Assist with Review of Contractor's Bidding Alternates
- Review Contractor's CQC Plan
- Review Materials Submittals (i.e. JMFs)
- Validate Qualifications of QC Agency

### CONSTRUCTION

- QA & Acceptance Testing & Materials Inspection
- Asphalt & Concrete Plant & Field Inspection
- Special Inspections (IBC)
- Review Materials and Methods RFI's
- Solutions to Unexpected Conditions
- Identify and Report Deficiencies
- Third Party Reviews for FAA Payment Compliance – OIG Audits



Balter offers unparalleled accreditations as a commitment to the highest standard of professional services including:

**ASTM D3740:** Testing and Inspection of Soil and Rock in Engineering Design and Construction

**ASTM E329:** Agencies Engaged in Construction Inspection and/or Testing

**AASHTO R-18:** Agencies Engaged in Construction Inspection and/or Testing

**ASTM C1077:** Testing Concrete and Concrete Aggregates

**ASTM C1093:** Standard Practice for Accreditations for Testing Agencies in Unit Masonry

**ASTM D3666:** Testing and Inspecting of Road Paving Materials

**ER 1110-1-261:** US Army Corps of Engineers Validations

**Construction Management for Contractors -Certified:** USACE and NAVFAC for Inspection and Testing of Military Facilities

**Quality for Contractors -Certified:**

*Balter has achieved one of the highest levels of materials laboratory accreditation in the nation.*

*These include eight (8) Agency, 93 ASTM and AASHTO, and 53 USACE laboratory accreditations.*

## AVIATION EXPERIENCE...

Our aviation experience includes work with the Sponsors and Designers as well as FAA, Airlines, and the Military for US and Foreign International, Regional, Military and General Aviation facilities. Company Personnel have worked on Aviation Facilities throughout the US and internationally including (as a partial listing only):

- Washington Dulles International Airport (IAD)
- Ronald Reagan Washington National Airport (DCA)
- Baltimore/Washington International Airport (BWI)
- Piarco International Airport, Trinidad & Tobago (POC)
- Philadelphia International Airport (PHL)
- Tampa International Airport (TPA)
- O'Hare International Airport (ORD)
- Third Chicago Airport Facility Preliminary Studies (4 Sites)
- Boston Logan International Airport (BOS)
- Cleveland Hopkins International Airport (CLE)
- Bradley International Airport (BDL)
- Seoul Incheon International Airport (IIA)
- Andrews Air Force Base

Balter also holds (non-aviation) contracts through FHWA, DOT's, USACE, NAVFAC, GSA, NPS, VA, and other agencies that allow us to provide geotechnical engineering, QA/QC and Special Inspection services throughout the US and its' territories.

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***We are committed to representing the Owner first and foremost with integrity, honesty and the industry's highest standards.***

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## CUSTOMER SERVICE...

As an aviation specialist firm, and a proactive team participant, Balter will offer our services with a complete understanding of the FAA's intentions, the Sponsor's needs, and cognizant of the credentials, accreditations, practices and procedures to ensure successful project delivery, and to assist with a successful Inspector General Audit required per the Improper Payment Information Act (IPIA) Public Law 107-300.

Balter is accustomed to working on aviation projects from a nucleus of talented individuals coordinated from our headquarters. By design, this business model allows us to assign the most suited personnel for any specific project, while maintaining our trademark for a consistency of high quality service. The various scenarios for how we can assure appropriate and timely customer service are tailored to the specific assignments at hand; be they design or construction related. We are versatile and flexible.

Our full-service in-house capabilities allow us to respond efficiently and effectively to address our clients' needs. Our experience in working with active airports allows us to commit our resources to accomplish each assignment to your satisfaction. We are adept at coordinating with Ops, Sponsors, Agencies and Designers.

## STAFF & RESOURCES...

Our professional staff of Engineers and Geologists average over 28-years in **Geotechnical and Materials Inspection and Testing** practice with experience throughout the United States and many foreign countries. This experience and diversity helps us to solve even the most unusual problems with technically excellent and cost-effective solutions for our clients. As a result, this wide perspective is a major factor in our tradition of excellence, which has resulted in numerous engineering awards and innovations for our Company.

Balter's engineering and inspection personnel hold Professional Engineering and Professional Geology licenses as well as advanced certifications including NICET, ACI, FAA-ERLPM, CQM and AHERA. All procedures are performed in accordance with Balter's Quality Management System (QMS) Manual.

Company resources allow for rapid and error-free testing of a comprehensive array of **Materials Laboratory Testing** including soils, rock, concrete, aggregate, asphalt, masonry, fireproofing, steel and water. Advanced geotechnical tests are performed on fully automated research-grade apparatus permitting cost-effective generation of highly sophisticated test results.

Balter also owns a fleet of truck and ATV rigs to support **Subsurface Explorations** in all conditions. Rigs are equipped with calibrated automatic hammers and wireline assembly to ensure consistency and high quality results for all soil and rock work. Our drillers are licensed geotechnical Master Well Drillers and are OSHA-H&S certified. Balter is experienced with land and water borings, oriented coring, deep rock coring, piezometers, monitoring wells, inclinometers and environmental sampling.

## INDUSTRY COMMITMENT...

Committed to remain on the cutting edge of our industry standards, we are active participants as well as technical representatives and voting members of the following national committees:

- ASTM Committee E36 for Agencies engaged in Inspection, Special Inspection and Testing
- NICET Construction Materials Testing Development Committee
- NICET Construction Inspection Development Committee
- Airports Consulting Council (ACC) Engineering Committee



**For More Information Contact:**

**Edward G. Balter**  
Principal

Ph: (410) 363-1555  
[ebalter@balterco.com](mailto:ebalter@balterco.com)



**THE ROBERT B. BALTER COMPANY**

*Geotechnical Engineering, Subsurface Exploration  
Construction Inspection and Materials Testing*