

Spencer Bristol Engineering was founded with a mission to bring an honest, uncomplicated approach to engineering. We'll bring to your next project a talented, experienced staff backed by state-of-the-art technologies, active principal involvement, and attentive client service from the first step until the last when construction has been completed and all systems are functioning as they should.

SBE is a full-service MEP engineering firm with the skills and resources to design and manage projects of any size and complexity ranging from small single-discipline jobs to demanding projects involving multiple buildings and disciplines.

The engineers at SBE offer a full complement of services including:

- Power Distribution Systems
- Heating, Ventilating and Air Conditioning (HVAC) Systems
- Lighting Systems
- Fire Protection and Life Safety Systems
- Security System Design
- Telecommunications System Design
- Arc Flash Studies
- Plumbing and Process Piping Systems



Principals

Morley Spencer began his engineering career at the respected English firm Drake & Scull Engineering, Ltd. before moving to the United States in 1973 where he continued his career in progressively more senior roles including a partnership in a Macon, GA firm, followed by Engineering Vice President of a large, multi-discipline international firm in Atlanta.

His experience includes the design of HVAC systems, process piping and fire protection systems for projects ranging from small renovations to multi-million dollar commercial projects including international projects in Panama, Mexico, and other locations. Morley's particular expertise is complex renovation projects.

Doug Bristol's career has taken him from an executive position with an large international engineering firm, to a telecommunications company, to his current position as Principal of SBE.

He has been designing electrical power, lighting, and special systems for more than 20 years in a diverse range of fields including aviation, higher education, commercial, institutional, and healthcare.

Doug's experience with system types includes energy plant power distribution, telecommunications, backup generation, UPS systems, Life safety, lighting design, and energy management.

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Spencer Bristol
Engineering

Aviation

Doug Bristol has been involved in projects at Hartsfield Jackson Atlanta International Airport since the early 1980's, both for major tenants such as Delta Air Lines as well as for the Atlanta Airlines Terminal Corporation.

Our experience base includes electrical infrastructure upgrades and chiller plant additions and upgrades.

We work well in the fast-track, design-build, renovation environment which is common at HJIA, typified by the AATC Battery Chargers Installation and the AATC Escalator Feeders projects.

Sample infrastructure type projects at HJIA:

Delta Air Lines Switchgear Relocation

Included new switchgear (double-ended 15kV-class) and underground ductbank to support the relocation of the Georgia Power substation serving Delta's TechOps facility.

Airtran 400Hz Concourse C Installation

Included new switchgear (double-ended 480V), busduct, and other distribution to support Airtran's 400Hz Ground Power program upgrade.

Delta Air Lines TOC-I Penthouse Chiller Plant

Included two new 750 ton chillers and associated switchgear for Delta's TechOps.

Delta Air Lines TOC-II Chiller Plant and Compressed Air Plants

Included two new 750 ton chillers and three new 900 HP air compressors for Delta's TechOps.

