



## AVIATION ELECTRICAL ENGINEERING

Hanson's team knows the specific electrical engineering needs of the aviation industry.

Our experienced electrical staff will help you create solutions for all your electrical design needs. From replacing electrical vaults to providing control schematics for navigational aids, Hanson's team will work with you to meet your needs.

When it comes to your aviation projects, trust Hanson to provide you with quality aviation electrical services.

## FINDING SOLUTIONS FOR YOUR AVIATION ELECTRICAL ENGINEERING NEEDS

*Our team of professionals is experienced in providing all aspects of airport electrical design, including for your facilities, lighting, power sources and distribution and safety/security systems.*



## WORKING TO CREATE SOLUTIONS FOR YOU

We can provide aviation electrical engineering design services for a variety of facilities requiring specialized and unique solutions, including:

### Facilities

- Automated Weather Observing Systems (AWOS)
- aviation hangars, terminals and buildings
- fuel storage and dispensing systems
- vehicle storage and maintenance garages
- instrument landing systems (ILS)
- sewage pump stations
- surveying/obstruction
- sustainable design

### Power Sources and Distribution

- electrical vaults
- layout of cable, duct banks, handholes and manholes
- load studies
- power distribution
- standby generator systems
- surge/lightning protection/grounding
- utility coordination
- power reduction

### Lighting

- airfield, apron and roadway lighting
- backup airfield lighting systems
- navigational aid (NAVAID) systems

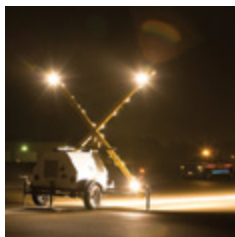
### Safety and Security

- communication systems
- fencing and electric slide gates
- fire detection systems
- security system improvements
- fiber optic transmission systems
- NFPA/fire code compliance
- in-depth knowledge of FAA requirements

## YOU CAN COUNT ON US

When you choose to trust us with your aviation goals, we will use our broad scope of experience to formulate a plan that will fit your vision, budget and schedule. We have worked on hundreds of airport projects at locations worldwide, including layout and master plans and land acquisition services, as well as design and construction services for projects ranging from apron expansions to new runways with associated navigational aids.

From start to finish, you will appreciate our professionals' hands-on approach, and you will benefit from our understanding of your needs as well as our responsiveness to your questions and concerns. You can count on us to be your partner



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