Did You Know?

- Turbines and met towers over 200 feet in height require Notice of Construction to FAA.
- Early due diligence with respect to airspace impact analysis prevents unanticipated opposition from local authorities and stakeholders.
- FAA air traffic evaluations are more predictable than their radar issue evaluations.

About Aviation Systems, Inc.

Since 1972, ASI has been helping organizations of all kinds comply with aviation regulations. Clients include:

- The FAA
- Wind energy developers
- Domestic and international airport owners and operators
- Local governmental agencies and citizen action groups
- Private and public sector builders
- Planning, architectural and environmental firms
- Law firms
- Insurance companies
- Communications companies

Trusted Experience, Proven Results

With a veteran staff and strategic partners within the industry, Aviation Systems, Inc. offers a wide range of services beyond wind turbine project studies. We cover everything from telecommunications and meteorological towers to land use planning and airport planning/design.

Save Money, Time and Headaches by Reviewing Airspace Considerations Early

Learn to avoid aviation planning and development hassles. We are Aviation Systems, Inc. – ready to help you meet your goals and explore your options! Call today or visit our website.

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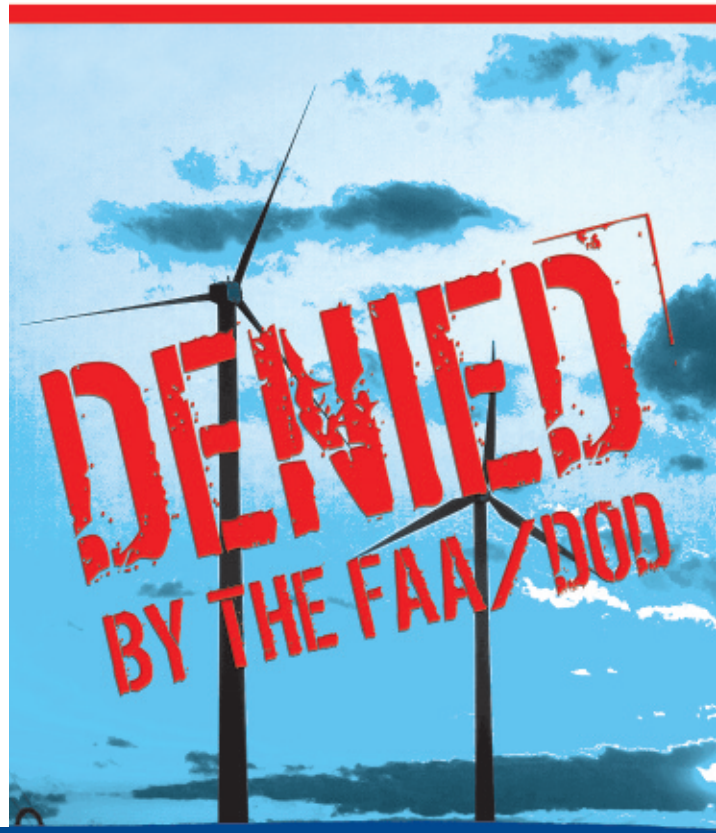
AVIATION SYSTEMS INC.
Aviation Consultants



DON'T LET THIS HAPPEN TO YOU!

Evaluate Your Wind Energy Projects Before Committing Resources

310.530.3188
www.aviationsystems.com

Aviation Compliance Challenges

Heightened public interest in wind energy, as well as new legislation, funding and investor enthusiasm, has helped launch a significant number of wind farm development projects across North America.

However, developers should be cautioned before launching full-scale plans. A wide range of aviation compliance hurdles need to be evaluated prior to and during site exploration.

Prospective sites and anticipated turbine heights need to be carefully vetted with the Federal Aviation Administration (FAA) and the Department of Defense (DOD).

The FAA is particularly sensitive to issues involving:

- Penetration of Protected Airspace for Instrument Approaches and Departures
- Penetration of Protected Airspace for Minimum Vectoring Altitudes (MVA) and Airways Minimum Enroute Altitude (MEA)
- Penetration of Protected Airspace for Airport Traffic Patterns
- Airport Surveillance Radar (ASR) Interference

Turbine heights have also increased during the last few years, adding to the potential for project delays or protected airspace penetration.

ASI Consultants Help You Avoid Time, Budget and Approval Hassles

Complex wind turbine projects require experienced airspace analysis of:

- Operational impacts with respect to the protected airspace for visual flight rules (VFR) and instrument flight rules (IFR)
- Radar conflicts and electromagnetic interference (EMI)

Aviation Systems Inc. offers wind turbine developers comprehensive, rapid-delivery aviation compliance services. **We've been in the aviation regulatory compliance business since 1972.**

Services include:

- Aviation constraint studies, including all public and military aeronautical factors for prospective wind farms
- Evaluation of turbine arrays for regulatory compliance
- Site-specific studies for individual wind turbines
- Cost-effective marking and lighting plans
- FAA filing and coordination

Rapid Report Delivery – 3 to 5 Day Turnaround

ASI prepares all your FAA and State Aviation Agency filings, with applicable forms, quad chart depictions and other supporting data. Periodic FAA status reports and complete documentation are provided. Evaluation reports are submitted to the wind energy client within 3 to 5 business days.

GIS Mapping

ASI reports include detailed maps that show the maximum allowable heights for turbines in specific sectors. Both a hard copy and GIS shapefiles are provided upon request.

Evaluation Process Includes:

- VFR and IFR impacts
- Approach and departure procedures
- Traffic patterns
- VFR flyways
- Enroute airways
- Minimum vectoring altitudes (MVA)
- Military operating areas (MOA)
- IFR and VFR military training routes (MTR)
- Proximity analysis for radar facilities [Airport Surveillance (ASR), Long Range (ARSR), Air Defense and Homeland Security (DOD/DHS), and Weather Surveillance Radars]