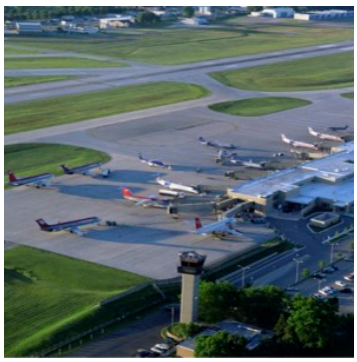
SOUTH CAROLINA AVIATION ASSOCIATION

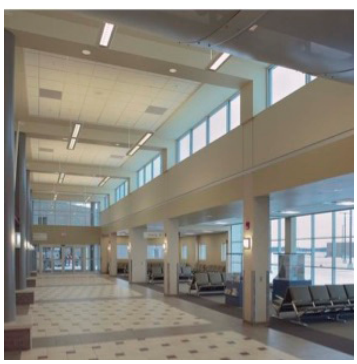
Corporate Spotlight

Mead & Hunt



Mead & Hunt is an employee-owned firm with more than 700 engineers, architects, scientists, planners and support staff in offices nationwide. The company has been serving clients in both the public and private sectors since its founding in 1900.

Mead & Hunt is one of the fastest-growing architectural, engineering and planning firms in the nation. For several consecutive years, Engineering News Record has ranked Mead & Hunt as a top 500 A/E design firm and a "Top 25 in Airports" firm. In addition, Mead & Hunt received the prestigious American Association of Airport Executives' Corporate Cup of Excellence award. The organization was also ranked in the top 10 "Best civil engineering firms to work for" in the nation by CE News magazine.



Mead & Hunt provides effective and responsive service. Strong two-way communication is imperative to the success of all projects. The firm places the utmost importance on listening to and understanding your needs; together, we determine the best possible solution. The depth of staff allows them to complete many projects simultaneously and keep projects on schedule and budget.

Mead & Hunt's record of successful project execution and its ability to provide continuity and quality of service is important to its customers. Multidisciplined personnel are experienced professionals able to provide top-of-the-line architecture, engineering and scientific solutions for the most challenging projects. Mead & Hunt's principals are highly qualified, dedicated and fully involved in providing experienced leadership in undertaking your projects.

To meet our country's aggressive and changing needs, Mead & Hunt is continually expanding to offer innovative engineering, planning and design services to meet a multitude of challenges. Annually, we are nominated for and win industry and trade awards for the creative solutions we provide clients.

MEAD & HUNT PFAS EXPERIENCE

Mead & Hunt brings an in-depth understanding of PFAS and how it affects airports. Mead & Hunt's research into the potential environmental impacts of PFAS at airports, as well as its NEPA environmental review and aviation experience, has benefitted airport clients across the country. Members of Mead & Hunt staff (Dean Mericas and Zachary Puchacz) co-authored ACRP Report 173, Use and Potential Impacts of AFFF Containing PFASs at Airports, which was one of the first industry studies on the topic as it pertains to firefighting foam use. Mead & Hunt staff also participate in PFAS industry working groups to provide leadership on this topic for the rest of the industry. This has resulted in Mead & Hunt becoming a trusted advisor on the topic for many clients.

Mead & Hunt provides client advocacy through teaming partner relationships that have specialized expertise in areas such as PFAS testing, legal advice, remediation, and community relations as deemed appropriate for each PFAS investigation. Mead & Hunt has successfully worked with these teaming partners on several PFAS projects across the nation. Serving as a trusted advisor, Mead & Hunt helps clients to first understand the challenges of potential PFAS contamination at their facilities to develop an appropriate cost-efficient and effective response strategy. Then, through trusted relationships vetted by Mead & Hunt, appropriate partners are brought in to find solutions. Mead & Hunt remains closely engaged with these partners through the solution determining process representing the interests of its clients.

With the uniqueness of each potential PFAS contamination challenge, Mead & Hunt's experience and industry involvement on this issue allow for effective, cost-efficient solutions that represent not only the best interests of the clients, but also federal, state, and local regulators and the local community.

PFAS Investigation & Remediation, anticipated 2020
Dane County Regional Airport-Truax Field, Madison, Wisconsin
Mead & Hunt is leading a PFAS investigation and remediation effort at the Dane County Regional Airport-Truax Field (MSN). This project was initiated by a directive from the Wisconsin Department of Natural Resources (WDNR) to test for PFAS and take any remediation actions necessary to eliminate PFAS contamination from stormwater outfalls. Mead & Hunt is responsible for coordination with the WDNR on the elements required in the work plan; strategizing an appropriate, logical approach to test for PFAS; and assist in the development of alternatives that could be used to treat stormwater outfalls identified with water contaminated with PFAS.

PFAS Investigation, anticipated 2020 Jackson Hole Airport
Jackson, Wyoming
The Jackson Hole Airport (JAC) has asked a team comprised of Mead & Hunt industry experts to further investigate potential PFAS contamination from historical AFFF usage. This project was initiated with the development of a decision-making plan to identify actions and resolutions that should be taken if potential PFAS contamination is found through soil and water investigatory effort. After development of the plan, airport sites that are suspected to potentially be contaminated with PFAS will be tested with remediation actions taken based on test results. Mead & Hunt is leading the effort to identify sites that could potentially be contaminated with PFAS as well as evaluating test results and identifying any remediation actions that might be necessary.

PFAS Investigation, anticipated 2020 South Bend International Airport
South Bend, Indiana
Mead & Hunt is leading an effort to investigate potential PFAS contamination in soils being excavated as part of a taxiway improvement project at the South Bend International Airport (SBN). Mead & Hunt is charged with helping to identify locations within the taxiway improvement project area that could have experienced a discharge of AFFF containing PFAS as well as reviewing the results from the soil test to determine if any mitigation of contaminated soils could be needed. This project will ultimately determine if excavated soils can be reused for future infrastructure improvement projects or if a mitigation effort of contaminated soils is needed.

PFAS Investigation, anticipated 2020, California Redwood Coast-Humboldt County Airport
Arcata/Eureka, California
Mead & Hunt is leading an effort to investigate potential PFAS impacts at the California Redwood Coast-Humboldt County Airport (ACV). This investigation is in response to an order from the California State Water Resources Control Board. Mead & Hunt has helped lead the development of a Work Plan to identify sites of potential PFAS concern based on historical AFFF usage. In coordination with the Water Resource Board for approval of the Work Plan, Mead & Hunt has also been involved with the preparation and implementation of the Final Report, which will include review and analysis of the PFAS sample results.

PFAS Investigation, anticipated 2020 Buchanan Field Airport
Concord, California
In response to an Order from the California State Water Resources Control Board, Mead & Hunt is leading an effort to investigate potential PFAS impacts at the Buchanan Field Airport (CCR). This investigation requires the development of a Work Plan that identifies sites of potential PFAS concern based on historical firefighting activity at CCR. Mead & Hunt's assistance in the development of the draft Work Plan helped identify sites for PFAS sampling in accordance with mandates from the Order. After approval of the draft Work Plan by the Regional Water Board, Mead & Hunt will be involved with the preparation of the Final Report which will include review and analysis of the PFAS sample results.

PFAS Industry Research & Support, 2018,
Gerald R. Ford International Airport, Grand Rapids, Michigan
and Denver International Airport, Denver, Colorado
In follow up to ACRP Research Report 173, Mead & Hunt has been a part of additional information research efforts to assist clients in better understanding AFFF containing PFAS at their airports. These efforts have primarily focused on inquiries by clients seeking expanded information and guidance from ACRP Research Report 173 as it pertains to their facilities. This has included research on PFAS mitigation best practices, AFFF distribution systems on next-generation ARFF equipment, and potential AFFF products to replace those with long-chain PFAS compounds. It also has included contacting various industry representatives on future trends and clarifying understandings of the latest PFAS-related developments.

ACRP Research Report 173: Use and Potential Impacts of AFFF Containing PFASs at Airports, 2017
Transportation Research Board of the National Academies of Science – Airport Cooperative Research Program, Washington, D.C.
Mead & Hunt staff (Dean Mericas & Zachary Puchacz) were part of a research team that explored the potential environmental and health impacts of per- and polyfluoroalkyl substances (PFASs) typically found in aqueous film-forming foams (AFFFs) used for Airport Rescue and Firefighting (ARFF) at airports. Mead & Hunt's knowledge of ARFF operations and stormwater/wastewater experience was used to identify best management practices for managing AFFF during the operational life-cycle at airports and addressing legacy PFAS impacts in the environment. This included development and beta testing of a screening tool as a part of this project to help airports identify areas of potential environmental concern from historic AFFF use.

For more information, please visit **meadhunt.com** or contact:

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