



## Aviation Safety Staff Engineer (Design, Certification, and Operations)

The **Air Line Pilots Association, International (ALPA)**, the largest airline pilot union in the world and the largest non-governmental aviation safety organization in the world (representing over 59,000 pilots at 35 U.S. and Canadian airlines) seeks an experienced **Staff Engineer** for our Tysons (McLean), Virginia office. The Staff Engineer provides staff coordination and liaison with government, industry, and professional stakeholders on behalf of the Air Safety Organization and other Association committees, MECs, and National Officers, as assigned by the department Director or Manager. They provide coordination and technical support to the Air Safety Organization, accident and incident investigations, FAA/TC pilot certificate enforcement action cases, and other safety investigations in the areas of aircraft design, manufacturing, and maintenance. Their specific focus is in the areas of aircraft design, certification, operations specifications, and maintenance. Additionally, there is an emerging focus on new aircraft types including supersonic aircraft, remotely piloted aircraft, spacecraft, and the like. The Staff Engineer effectively represents the Association and the department, interacting with government and industry safety officials on a routine basis. They are also routinely tasked to use their engineering training and experience to analyze internal and external airworthiness and certification related data, to identify trends and develop potential safety risk mitigation strategies. In coordination with relevant committees and staff members, they develop and coordinate written communications to membership, government, and industry groups outlining ALPA positions on a wide variety of operational safety issues.

**Local, national, and international travel: 20 - 40%.**

**Minorities, veterans, and people with disabilities are encouraged to apply.**

### **Minimum Requirements:**

- Bachelor's degree in relevant area, e.g., Aerospace Engineering, Aviation Science, or other related discipline, from an accredited college or university required; or, the equivalent combination of education and practical aviation experience. Additional applicable aviation experience may be substituted for the academic requirement.
- Three (3) years of related experience in the aviation industry, five (5) or more strongly preferred.

- Special expertise in U.S. and Canadian Aviation Regulations (FARs and CARs), national and international aviation standards, and aircraft design standards required.
- Familiarization with and participation in Aviation Rulemaking Advisory Committee (ARAC), the Canadian Aviation Regulation Advisory Council (CARAC), and Aviation Rulemaking Committee (ARC) processes is required.
- A pilot's license with an instrument rating and/or special knowledge or applicable expertise in the aviation industry strongly preferred. Experience in aircraft design and operations may be substituted for the pilot's license.
- FAA Airframe and Powerplant certification (A&P license) and/or equivalent experience with maintenance and/or large aircraft manufacturing preferred.
- Experience with NTSB and/or TSB accident investigation processes preferred.
- Strong technical writing and public speaking skills required.
- Excellent interpersonal and communication skills, oral and written, for effective interaction with all levels of contacts, internal and external.
- Must be a self-starter with professional maturity and sound judgment, capable of independent decision-making and to be proactive in identifying and responding to issues and problems.
- Must possess exceptional time management skills; be able to work in a fast-paced, multi-tasking environment; and, transition easily between projects.
- Software: Microsoft Word, Outlook, Excel, and PowerPoint.

#### Physical Demands:

*Note: The physical demands described herein are characteristic of those that must be met to successfully perform the essential functions of this position. Reasonable accommodations may be made to enable individuals to perform the essential physical activities of this position described below.*

Constantly operates a computer/smartphone/tablet. Regularly required to maintain a stationary position, move about the office and the local metropolitan area, determine what others have said or written, and converse with others and exchange accurate information.

Regularly required to sit, stand, bend, reach, and move about the office and travel (locally, nationally, and internationally). Also includes occasional bending, stooping, squatting, and/or pushing and pulling or moving, e.g., to pack, unpack, and/or move cases.

Occasionally required to move, raise, reach, and/or retrieve binders, books, boxes, and files up to ten (10) pounds (lbs.). While on travel, could be responsible to move luggage weighing as much as 50 lbs. (Assistance may not always be available.)

Please apply online at <https://jobs-alpa.icims.com/jobs/1353/staff-engineer/job>

#### **ALPA offers competitive salaries with excellent benefits, including:**

- 26 days paid vacation and holidays per year;
- Generous sick and bereavement leave;

- Generous health care benefits – PPO, two HMO's (where available) and a High Deductible Health Plan which includes coverage for medical, dental, and vision benefits for employee, spouse, and/or dependent children;
- Company-paid premiums for disability and life insurance;
- \$3 for \$1 matching 401(k) retirement savings plan; Roth 401k;
- Flexible Spending and Health Savings accounts; and
- Retiree health plan.

**The Air Line Pilots Association is an Equal Opportunity Employer.**

**Relocation not provided.  
Sponsorship not available for this position.**