

Fire Protection Engineer

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

William J. Hughes Technical Center, Mechanical & Structural Engineering Section, ANG-E342

Summary

This position resides within the Center Ops Division. The Center Ops Division provides operations, maintenance, engineering, logistics, and support services to maintain a dependable infrastructure, a safe and healthy working environment, and a strong operational and administrative foundation at the Technical Center. Our critical services enable all FAA lines of business and other federal and state partners located within our campus to meet their mission objectives effectively and efficiently.

[Learn more about this agency](#)

Overview

Accepting applications

Posted this week · **Apply by 07/09/26**

Due by 11:59 p.m. ET on July 9, 2026

Location

 **Atlantic City, NJ**

1 vacancy

Work site options

Telework eligible

Yes — Situational telework may be permitted in accordance with agency policy.

Relocation expenses reimbursed

No

Salary

\$123,171 - \$190,953 per year

Salary range includes 28.99% locality pay.

Pay scale & grade

FV J

Promotion potential

NA

[? Learn more about pay scale and grade](#)

Pay scale and grade determines the salary of the job.

Work schedule

Full-time

Travel Required

Occasional travel - The job may require travel from time-to-time, but not on a regular basis. The travel may be for training or other work-related duties.

Appointment type

Permanent

Occupations and job series

- [0804 Fire Protection Engineering](#)

Supervisory status

No

Federal service type

This job is in the Excepted Service

Represented by a union

Yes - This position is represented by NFFE 1340: Tech Center Professionals.

Drug test

No

Security clearance

Other

Announcement number

ACT-ANG-26-E342-99351

Control number

874402400

This job is open to

The public

U.S. Citizens, Nationals or those who owe allegiance to the U.S.

Veterans

Veterans of the U.S. Armed Forces or a spouse, widow, widower or parent of a veteran, who may be eligible for derived preference

Military spouses

Military spouses of active duty service members or whose spouse is 100 percent disabled or died on active duty.

Individuals with disabilities

Individuals who are eligible under Schedule A.

Peace Corps & AmeriCorps Vista

Individuals who have served at least 2 years with the Peace Corps or 1 year with AmeriCorps VISTA.

Special authorities

Individuals eligible under a special authority not listed in another hiring path.

Clarification from the agency

Open to all U.S. Citizen.

Duties

The incumbent of this position serves as a Fire Protection Engineer in the Center Operations Division. Typical responsibilities may include, but are not limited to, the duties listed below:

Prepares engineering designs for the construction and/or installation of fire detection and fire suppression apparatus, appliances, devices and systems. Designs typically involve the development of detailed plans, specifications, calculations, construction cost estimate, and statement of work.

Prepares statements of work and cost estimates for contractor support to develop designs.

Performs analyses and calculations within his/her discipline, including the analysis of technical proposals and designs by contractors and others.

Provides technical support within his/her discipline during construction, which includes field inspections, submittal review and project meeting attendance.

Provides additional technical support in areas of smoke control/management, building layout and space planning for life safety purposes, emergency exits, elevator fire recall, risk analysis, and post-fire investigation and analysis.

Performs assessments of existing and proposed facilities for fire hazards, life safety compliance and other risks. Identifies potential hazards and implements mitigation methods.

Ensures the proper design, construction and arrangement of facilities to mitigate fire damage.

Maintains knowledge of current fire protection codes and technologies through research and training.

Assures assigned projects comply with applicable codes and standards, including FAA Orders and directives.

Collaborates with other engineers and design professionals to create complete design packages and ensure proper coordination with structural fire resistance, fire rated construction and means of egress.

Coordinates project activities with other agencies, contractors, utility companies, state and local government authorities, and the general public.

Serves as the technical representative for FAA contracting officers on assigned projects. May be assigned as Contracting Officer's Representative (COR) on study, design, or construction projects.

Estimates, manages and accounts for assigned project and operations funding, in accordance with applicable regulations, policy, and sound accounting practices.

Evaluates and reports on the operational condition of fire protection and fire detection systems, including providing potential solutions to restore or resolve systems of inadequate condition and/or performance.

Develops reports and/or master project list to ensure fire protection and fire detection systems meet all requirements and function properly into the future.

Develops and oversees execution of fire system test plans, including evaluation and recommendations based on outcome(s).

Performs other duties as assigned.

Plans and accomplishes highly complex and challenging projects/programs and other work activities under the minimal direction of a manager, project/program manager, team leader, or more experienced engineer. May act as a principal technical specialist or as a project/program manager or team leader for large work activities.

Contacts are internal and external. Often represents FAA as a senior technical point of contact on projects, programs and other work activities. Communicates results to all levels internally (within an LOB/SO or across LOB's/SO's) and externally. Plays a lead role in drafting, reviewing, and editing reports or contractual documents for final approval prior to external distribution. Presents briefings to obtain consensus/approval on policies. Coordinates significant technical matters with representatives of external organizations.

Requirements

Conditions of employment

- US Citizenship is required.
- Selective Service Registration is required for males born after 12/31/1959.
- This position has a positive education requirement. Transcript(s) required.
- Please review Required Documents section.

Qualifications

A. Degree: Engineering. To be acceptable, the program must: (1) lead to a bachelor's degree in a school of engineering with at least one program accredited by ABET; or (2) include differential and integral calculus and courses (more advanced than first-year physics and chemistry) in five of the following seven areas of engineering science or physics: (a) statics, dynamics; (b) strength of materials (stress-strain relationships); (c) fluid mechanics, hydraulics; (d) thermodynamics; (e) electrical fields and circuits; (f) nature and properties of materials (relating particle and aggregate structure to properties); and (g) any other comparable area of fundamental engineering science or physics, such as optics, heat transfer, soil mechanics, or electronics.

OR

B. Combination of education and experience--college-level education, training, and/or technical experience that furnished (1) a thorough knowledge of the physical and mathematical sciences underlying engineering, and (2) a good understanding, both theoretical and practical, of the engineering sciences and techniques and their applications to one of the branches of engineering. The adequacy of such background must be demonstrated by one of the following: 1. Professional registration or licensure -- Current registration as an Engineer Intern (EI), Engineer in Training (EIT)¹, or licensure as a Professional Engineer (PE) by any State, the District of Columbia, Guam, or Puerto Rico. Absent other means of qualifying under this standard, those applicants who achieved such registration by means other than written test (e.g., State grandfather or eminence provisions) are eligible only for positions that are within or closely related to the specialty field of their registration. For example, an applicant who attains registration through a State Board's eminence provision as a manufacturing engineer typically would be rated eligible only for manufacturing engineering positions. 2. Written Test -- Evidence of having successfully passed the Fundamentals of Engineering (FE)² examination or any other written test required for professional registration by an engineering licensure board in the various States, the District of Columbia, Guam, and Puerto Rico. 3. Specified academic courses-- Successful completion of at least 60 semester hours of courses in the physical, mathematical, and engineering sciences and that included the courses specified in the basic requirements under paragraph A. The courses must be fully acceptable toward meeting the requirements of an engineering program as described in paragraph A. 4. Related curriculum -- Successful completion of a curriculum leading to a bachelor's degree in an appropriate scientific field, e.g., engineering technology, physics, chemistry, architecture, computer science, mathematics, hydrology, or geology, may be accepted in lieu of a bachelor's degree in engineering, provided the applicant has had at least 1 year of professional engineering experience acquired under professional engineering supervision and guidance. Ordinarily there should be either an established plan of intensive training to develop professional engineering competence, or several years of prior professional engineering-type experience, e.g., in interdisciplinary positions. (The above examples of related curricula are not all-inclusive.)

To qualify for this position, you must demonstrate in your application that you possess at least one year of specialized experience equivalent to FV-I, FG/GS-13. Specialized experience is experience that has equipped you with the particular knowledge, skills, and abilities to perform successfully the duties of the position.

Specialized experience is: Experience preparing engineering designs for fire detection and fire suppression systems, including detailed plans, specifications, calculations, cost estimates, and statements of work for construction and installation projects.

Some, none, or all candidates may be interviewed.

Education

This position has a positive education requirement: Applicants must submit a copy of their college or university transcripts(s) and certificates by the closing date of announcement to verify qualifications. If selected, an official transcript will be required prior to appointment. You may upload these documents with your application in USAJOBS or fax it to fax number provided in the announcement (please include announcement number on each page).

Failure to do so will result in loss of consideration.

Schools must be accredited by an accrediting institution recognized by the U.S. Department of Education. Accreditation may be verified at the following website: www.ed.gov/accreditation.

Foreign education must be evaluated by a private professional organization specializing in interpretation of foreign education credentials or an accredited U.S. educational institution in terms of equivalence to a degree acquired at an American college or university. A copy of the evaluation results must be included, otherwise your foreign education will not be considered.

[Preview job questionnaire](#)

Make sure your resume includes detailed information to support your qualifications and answers to the job questionnaire.

Additional information

We may use this vacancy to fill other similar vacant positions.

Position may be subject to a background investigation.

A one-year probationary period may be required.

The person selected for this position may be required to file a financial disclosure statement within 30 days of entry on duty. FAA policy limits certain outside employment and financial investments in aviation-related companies. www.faa.gov/jobs/workinghere/financial-disclosure-requirements

Leave Enhancement: FAA organizations may offer enhanced annual leave accrual to newly appointed or reappointed employees. In order to receive consideration for such a benefit, applicants' prior non-Federal service or active duty uniformed service must directly relate to the duties of the position to

which appointed. Granting enhanced annual leave is at the sole discretion of the hiring organization, and granting such benefit is not an entitlement nor guaranteed to any newly hired employee.

Applications will be accepted from any U.S. citizen. On-the-Spot will be used to fill this position. The 'Rule of Three', Veterans Preference and traditional rating and ranking of applicants does not apply to this vacancy.

As a part of the Federal-Wide Hiring Reform Initiative (streamlining the hiring process), the FAA is committed to eliminating the use of the Knowledge, Skills and Ability (KSA) narratives from the initial application in the hiring process for all announcements. Therefore, as an applicant for this announcement, you are NOT required to provide a narrative response in the text box listed below each KSA.

In lieu of providing a KSA narrative response in the text box listed below each KSA, in your work history, please include information that provides specific examples of how you meet the response level or answer you chose for each KSA. Your work history examples should be specific and clearly reflect the highest level of ability. Your KSA answers will be evaluated further to validate whether the level that you selected is appropriate based on the work history and experience you provided. Your answers may be adjusted by a Human Resource Specialist as appropriate.

Eligible applicants meeting the minimum qualification requirements and selective factor(s), if applicable, may be further evaluated on the Knowledge, Skills and Abilities (KSA) listed in the announcement. Based on this evaluation, applicants will be placed in one of the following categories: score order, category grouping, or alphabetical and referred to the selecting official for consideration.

You may also be considered for this vacancy based on eligibility under the 30% or More Disabled Veteran Program, Veterans' Recruitment Appointment, and Persons with Disabilities/Persons with Targeted Disabilities. To be considered for one of these special hiring authorities, you must identify your eligibility in your questionnaire in the Applicant-Preferred Conditions of Employment section. In addition, you must submit documentation that provides evidence of eligibility as indicated in the Required Documents section of the announcement.

Links to Important Information: [Locality Pay](#), [COLA](#)

Candidates should be committed to improving the efficiency of the Federal government, passionate about the ideals of our American republic, and committed to upholding the rule of law and the United States Constitution.

Benefits



A career with the U.S. government provides employees with a comprehensive benefits package. As a federal employee, you and your family will have access to a range of benefits that are designed to make your federal career very rewarding. [Learn more about federal benefits.](#)

[Review our benefits](#)

Eligibility for benefits depends on the type of position you hold and whether your position is full-time, part-time or intermittent. Contact the hiring agency for more information on the specific benefits offered.

How you will be evaluated

You will be evaluated for this job based on how well you meet the qualifications above.

IMPORTANT: Applicants may be rated on the extent and quality of experience, education, and training relevant to the duties of the position(s). All answers provided in the on-line process must be substantiated. Ensure that your application package/resume supports your responses.

Required Documents

Only supplemental documentation, e.g. transcripts or veteran's documentation will be accepted in combination with your on-line application. These documents must be uploaded or emailed to Danielle.C.Dombecki@faa.gov on or before the closing date of this announcement. All submitted documents should reference the announcement number.

If you want consideration for one or more of the Special Hiring Authorities, documentation that must be submitted at time of application can be found at [Direct Hiring Authorities | Federal Aviation Administration \(faa.gov\)](#).

This position has a positive education requirement; college transcripts are required for ALL candidates newly appointed to the FAA in the 0800 (Engineering) series.

College transcripts must be submitted from current FAA employees applying for internal vacancies if they have never held a position in the 0800 (Engineering) series with the FAA.

College transcripts are not required from current FAA employees who are currently occupying an 0800 (Engineering) series.

If selected, official transcripts are required prior to employment.

If you are relying on your education to meet qualification requirements:

Education must be accredited by an accrediting institution recognized by the U.S. Department of Education in order for it to be credited towards qualifications. Therefore, provide only the attendance and/or degrees from [schools accredited by accrediting institutions recognized by the U.S. Department of Education](#).

Failure to provide all of the required information as stated in this vacancy announcement may result in an ineligible rating or may affect the overall rating.

How to Apply

Applicants may be required to complete one or multiple assessments as part of the evaluation process. This assessment aims to evaluate the competencies and qualifications essential for the position.

RESUMES ARE LIMITED TO TWO PAGES. IN DESCRIBING YOUR WORK EXPERIENCE AND/OR EDUCATION, PLEASE BE CLEAR AND SPECIFIC AND INCLUDE INFORMATION AS IT RELATES TO THE QUALIFICATIONS AND SPECIALIZED EXPERIENCE REQUIREMENTS OF THIS POSITION.

Please ensure EACH work history includes ALL of the following information:

Job Title (include series and grade if Federal Job)

- Relevant work experience: should align to the Job Announcement and address all required qualifications and include job title, employer name, start/end dates, number of hours worked per week.
- Education, certification or licensure: If required, education should include school/institution name, completion date, degree type and GPA.

Determining length of General or Specialized Experience is dependent on the above information and failure to provide ALL of this information may result in a finding of ineligible.

You may upload completed documents to your USAJOBS Account. This will provide you the opportunity to utilize the uploaded information again when applying for future vacancies.

Agency contact information

 **Danielle Dombecki**

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Email

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Address

Federal Aviation Administration
ACT Regional HR Services Branch
Atlantic City International Airport, Bldg. 300
AHF-N710
Atlantic City, NJ 08405
US

Next steps

Once we receive your complete application, the Human Resources Office will conduct an evaluation of your qualifications. Eligible and qualified candidates will be referred to the hiring manager for consideration. You will be contacted directly if selected for an interview.

For instructions on how to check the status of your application, please go to: [USAJOBS Help Guide](#).

Important -If you make any changes to your application, you must resubmit it. If you make changes to your application and do not resubmit it, your changes will not be considered part of your application package, and only your previously submitted application will be evaluated.

All qualified applicants will be considered regardless of political affiliation, race, color, religion, national origin, gender, sexual orientation, marital status, age, disability, or other non-merit factors. DOT provides reasonable accommodations to applicants with disabilities. If you need a reasonable accommodation for any part of the application and hiring process, please notify the agency contact listed in the Agency Contact Information section of this announcement or the hiring manager. An employee with a disability must notify the decision-maker of the accommodation request. Job applicants and employees are required to follow up oral requests in writing. Decisions on granting reasonable accommodation will be made on a case-by-case basis. Additional information on reasonable accommodations procedures or on EEO Programs is available on [Office of Civil Rights \(ACR\)](#) or by contacting the local FAA Civil Rights Office.

Fair and transparent

The Federal hiring process is set up to be fair and transparent. Please read the following guidance.

[Criminal history inquiries](#)

[Equal Employment Opportunity \(EEO\) Policy](#)

[Financial suitability](#)

[New employee probationary period](#)

[Privacy Act](#)

[Reasonable accommodation policy](#)

[Selective Service](#)

[Signature and false statements](#)

[Social security number request](#)

USAJOBS is a [United States Office of Personnel Management](#) website.

