



Open Job Opportunities

Job Title:	Stress Analyst/Engineer
Employment Status	Full time
Location	Dayton, OH
Essential Duties and Responsibilities	<ul style="list-style-type: none"> • Perform analysis of loading, fatigue and impact damage effects, bolted/bonded joints, under various environmental effects • Develop solutions to difficult design problems that are imaginative, thoroughly thought through and practical, consistent with program objectives
Skills, Proficiencies	<ul style="list-style-type: none"> • Proficiency in Metallic and Composite Structural Analysis methods including static, dynamic, durability & damage tolerance (DaDT), and finite element modeling (FEM) techniques • Proficiency with some of the following: NASTRAN, Patran, Femap, MATLAB, and /or LS-DYNA is required
Minimum Qualifications	<ul style="list-style-type: none"> • Bachelors degree in engineering, 6 years experience with analysis of metallic and composite structures for aerospace applications • Prior experience working on military aircraft, combat vehicles or space systems is desired
Citizenship	US Citizenship Required and Ability to Obtain Security Clearance
Requirement needed	Contingent upon contract award

Job Title:	Survivability/Vulnerability Analyst
Employment Status	Full Time
Location	Dayton, OH or Ridgecrest, CA
Essential Duties and Responsibilities	<ul style="list-style-type: none"> • Survivability/vulnerability Modeling & Simulation (M&S) analysis of conventional threats versus fixed and rotary wing aircraft • Perform lethality analyses
Skills, Proficiencies	Experience with vulnerability M&S models (e.g., FASTEN/COVART, AJEM, RADGUNS, ESAMS, BLUEMAX, BRLCAD, SUPPRESSOR, PROJPEN, FATEPEN, SHAZAM, MOSAIC)
Minimum Qualifications	Bachelors degree in engineering, computer science or related scientific technical discipline and 7 years' experience
Citizenship	US Citizenship Required and Ability to Obtain Security Clearance
Requirement needed	Contingent upon award

Job Title:	UAS Pilot
Employment Status	Part Time
Location	Dayton, OH
Essential Duties and Responsibilities	<ul style="list-style-type: none"> • Mission Planning/UAS Piloting • Platform Management • Data Management/Product Development • Research and Development/Strategy Development
Skills, Proficiencies	<p>Desired experience in one or more of the following areas:</p> <ul style="list-style-type: none"> • UAS Operations experience (e.g., flying UAS for search and rescue) • Software-based flight planning experience (i.e., Mission Planner application) • UAS systems design/development experience • Sensor systems integration experience • Intelligence, Surveillance, and Reconnaissance (ISR) experience • Imagery analysis training and experience
Minimum Qualifications	<ul style="list-style-type: none"> • Experience flying UAS and/or model aircraft (25 Hours) • Current and valid Private Pilot's License (minimum) • Current and valid U.S. driver's license issued by a state, the District of Columbia, Puerto Rico, a territory, a possession, or the Federal government • Experience with Microsoft Office Applications • Experience with Adobe Creative Suite applications a plus • High school diploma
Citizenship	US Citizenship Required
Requirement needed	Available for immediate hire

Job Title:	Systems Engineer
Employment Status	Full Time
Location	Dayton, OH or Los Angeles, CA
Essential Duties and Responsibilities	<ul style="list-style-type: none"> • Define, develop, cost, test, produce, operate, and sustain defense systems throughout all phases of the life cycle • Track program milestones, monitoring progress to master plans and schedules, identifying program problems/risks, and recommending solutions through trade studies and AoAs
Skills, Proficiencies	<ul style="list-style-type: none"> • Preparation of program-related proposals, business plans, work statements and developing specifications, and operating budgets, leading program review sessions with the customer to discuss cost, schedule, and technical performance. • Technical risk management, manufacturing and production, reliability and maintainability studies, evaluate quality, conduct studies and analyses, and related disciplines on aircraft or space systems.
Minimum Qualifications	• Bachelor's degree in an engineering, computer science or related scientific technical discipline and 10 years' experience (or 7 years with a Masters, 4 years with a PhD)
Citizenship	US Citizenship Required and Ability to Obtain Security Clearance
Requirement needed	Contingent upon contract award

Job Title:	Junior Level Engineering Analyst or Intern
Employment Status	Part-Time or Internship (~20 or more hours per week)
Location	Dayton, OH
Essential Duties and Responsibilities	<ul style="list-style-type: none"> • Work will involve ballistic live fire test and evaluation related to aircraft survivability/vulnerability. Ballistic live fire testing efforts will include data collection, data analysis, and test reporting activities. • Areas of emphasis will include structural damage evaluation of metals and composites and ballistic threat effects. • 3D scanning and data processing of aircraft components involved. • Assistance will also be required with research and development, modeling and simulation, as well as business development activities related to Unmanned Aerial Systems
Skills, Proficiencies	<ul style="list-style-type: none"> • Mechanical or Aerospace Engineering applicants desired, but other engineering fields considered • Strong SolidWorks, Geomagic Design X, PolyWorks, or other CAD experience desired • 3D scanning, 3D printing, or reverse engineering experience desired, but not required • Design of Experiments familiarity desired but not required • LabVIEW or MATLAB experience is a plus • UAS piloting experience is a plus
Minimum Qualifications	Undergraduate or Graduate Student in Engineering or related field
Citizenship	US Citizenship Required and Ability to Obtain Security Clearance
Requirement needed	Available for immediate hire