

Tiffany Davis

Work Experience:

Flight Engineer

Missouri Air National Guard

705 Memorial Dr
Saint Joseph, MO

6/2018 - Present

Duties, Accomplishments and Related Skills:

Onboard systems expert for the C130H aircraft. Perform preflight inspections to determine mission acceptability of aircraft. Work closely with maintenance, when available, or perform maintenance activity to ensure safety of flight. Onboard, operate and trouble shoot all engines, propellers, hydraulics, pneumatics, and electrical systems.

Responsible for trouble shooting and satisfactorily resolving any airborne malfunctions, including but not limited to those involving safety of flight which require strict emergency procedures to prevent loss or damage to aircraft and personnel.

Review, update, and maintain forms for both maintenance and aircrew. Liaison with maintenance both at home station and deployed.

Maintain individual deployment readiness, including physical fitness, recurrent training, and mission specific training. As well as maintain currency and proficiency in all aspects of tactical flight requirements.

Manufacturing Process Engineer

Summit Truck Bodies

990 Vernon Rd
Wathena, KS

4/2022 – 7/2023

Duties, Accomplishments and Related Skills:

Collaborate with production and engineering to evaluate process flow. Monitor manufacturing processes including assembly, paint, and welding. Create/author work instructions and update drawings. Refine and optimize manufacturing methods along with work cell layouts. Oversee time motion studies. Oversee work analysis and work

design. Continually work to recommend and implement positive changes throughout the organization. Use experience as a positive force to mentor others in the organization. Help educate and train staff. Work within ISO and 5S programs. Utilize knowledge of hydraulics and electronics. Strong work ethic, attention to detail and a focus on exceptional customer service. Work independently and with a wide variety of groups, both within and outside the company. Excellent written and verbal communication skills.

Unit Education and Training Manager

Missouri Air National Guard

705 Memorial Dr
Saint Joseph, MO

6/2015 - 6/2018

Duties, Accomplishments and Related Skills:

Responsible for job duty and deployment training requirements for 90 members of the 241st Air Traffic Control Squadron.

Maintain, update, and progress training standards in all sections of the squadron, including administration, radar maintenance, airfield systems, air traffic controllers, and HVAC.

Estimator

Herzog Technologies Inc.

6000 S Riverside Rd
St Joseph, MO

6/2015 - 6/2018

Duties, Accomplishments and Related Skills:

Research job bid opportunities for both government and civilian procurements.

Secure, review, and evaluate all relevant information of a project including any technical requirements or plans, minority business requirements, timeline, community partners, and cost considerations.

Work independently on small projects, or with a team on large projects to develop a complete bid submittal for the project.

Upon award of the project, work closely with the project manager, assistant project managers, subcontractors, local government, community partners, and business partners to ensure completion of the project within budget and on time.

Work with awarding agency for any relevant change orders required due to

modifications of the project.

Maintain data on all aspects of the project, including costs, subcontractor performance, material escalation, employee hours, delays, change orders, and anything else impacting the final cost and time of the project.

Visit and collaborate with project manager and other worksite managers.

Analyze and determine the progress of the project, continuously as well as during key milestones. Utilize this information to determine next course of action on current project, and lessons learned to other and future projects.

After completion of project do a thorough review of the project, either independently on small projects, or in a group on larger projects.

Worked on projects ranging from \$500,000 to \$2.3 billion.

Graduate Teaching Assistant

Missouri Western State University

4525 Downs Dr

Saint Joseph, MO

8/2016 - 5/2018

Duties, Accomplishments and Related Skills:

Taught Statics, Engineering Statics, Lecture and Lab Electrical Installation, and Lab Mechanics of Materials. Proficient in utilization of all classroom aides, and building student materials textbooks, publisher provided content, and researching different source information to combine into lecture and lab presentation.

Air Traffic Controller

Missouri Air National Guard

705 Memorial Dr

Saint Joseph, MO

12/2007 - 6/2015

Duties, Accomplishments and Related Skills:

Control, separate, and maintain safe flight for military and civilian aircraft traversing approximately a 1600 square mile area, including five airports located within controlled airspace.

Vector and maintain safe vertical and horizontal separation of aircraft and coordinate with adjoining facilities, including two large control centers and two controlled towers at a commercial and municipal joint use airport.

Ramp Agent Lead
United Airlines
14 Amsterdam Cir
Kansas City, MO

7/2002 - 5/2015

Duties, Accomplishments and Related Skills:

Planning, sorting, loading, and unloading baggage and cargo. Servicing aircraft minor maintenance, such as lavatories and engine oil. Deicing and anti-icing aircraft.

Distributing and planning for aircraft workloads and personnel required. Performing weight and balance on CRJ200, CRJ700, E170, Q400, 737, 757, A320, A321, and occasionally 767 and 777 aircraft.

Reposition aircraft utilizing towing operations. Perform APU operations and use hydraulic systems to safely move aircraft. Operate tow vehicle to move aircraft. Operate and use deicing truck utilizing an open bucket to safely dispatch aircraft during winter operations. Operate deicing bucket to remove frozen precipitation from the aircraft and perform after deicing and predeparture checks to ensure safe flight in winter operations.

Marshal aircraft into parking areas and perform after flight walk around inspections. Perform pre-departure inspections and dispatch aircraft.

Work in operations coordinating with other airlines, airport personnel, emergency personnel, to respond to airborne emergencies and diversions.

Trainer for all positions and duties on the ramp.

Lead the shift operations in a supervisory role.

Customer Service Agent

United Airlines

Washington Dulles International Airport

1/2000 - 7/2002

Duties, Accomplishments and Related Skills:

Interacted with customers at Washington Dulles International Airport. Greeted passengers in lobby and assisted in their check-in process. Worked domestic gates including meeting inbound aircraft and boarding and dispatching outbound aircraft.

Boarded and dispatched international departures, including all customs and immigrations requirements. Received international flights and ensured security compliance through immigrations and customs. Worked closely with immigrations and customs to resolve passenger issues.

Reservation and Sales Agent
United Airlines
Washington Dulles Reservations Center

9/1998 - 1/2000

Duties, Accomplishments and Related Skills:

Assist customers in booking and changing tickets. Answer questions concerning domestic and international travel. Specialized in the travel agent support desk building ticket itineraries in four different booking systems, including Apollo and SABRE. Resolve customer disputes satisfactorily.

Education:

Missouri Western State University St Joseph, MO United States

Master's degree 5 / 2018

GPA: 3.90 of a maximum 4.0

Major: Master of Applied Science - Engineering Technology Management

Missouri Western State University St Joseph, MO United States

Bachelor's degree 5 / 2016

GPA: 3.86 of a maximum 4.0

Major: Bachelor of Science - Construction Engineering Technology **Honors:** Magna Cum Laude

Metropolitan Community College Kansas City, MO United States

Associate's degree 5 / 2011

GPA: 3.93 of a maximum 4.0

Relevant Coursework, Licenses and Certifications:

Graduated with High Honors Kappa Mu Epsilon