

# TERRY HEGSETH

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## EXPERIENCED INDUSTRIAL MAINTENANCE MECHANIC

A highly talented industrial machinery repair and maintenance mechanic; possess expertise in the manufacturing and aircraft industries.

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### PROFILE

- Extensive knowledge of manufacturing machines, tools and equipment including their uses, repair, designs and maintenance.
  - Comprehensive knowledge of aircraft and airframe equipment maintenance, components, and wiring diagrams.
  - Ability to understand and interpret manufacturer's catalogue, technical orders, schematic and blueprints.
  - Well versed in mechanical principles, welding, and measuring tools.
  - Ability to generate ideas with strong problem solving skills.
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### LICENSES

FCC General Radiotelephone Operators License #PG-10-25974

Airframe and Power plant License

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### EDUCATION

Aviation Maintenance Technician Certificate  
Avionic Electrician Technician Certificate  
*Spartan School of Aeronautics* • Tulsa, Oklahoma

Bachelor of Science in  
Agricultural Mechanization  
*North Dakota State University* • Fargo, ND

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### PROFESSIONAL EXPERIENCE

AIR LIQUIDE, USA, CHANHASSEN MN.

**Manufacturing Technician**, July 2013 to present Assemble mechanical components for machines used in the etching process of integrated circuit chips, utilizing company assembly manuals.

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Control Center, Inc., Plymouth, MN, is a privately held company that is in the business of building custom electrical control panels for industrial and commercial businesses.

**Control Panel Assembly Technician**, May 2012 to June 2013

- Responsible for layout and mounting of electrical components based upon custom blueprints and schematics.
  - Configure all electrical connections, both AC and DC, between components of panel control centers for various sized industrial projects from small junction boxes to large multi-door control panels.
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The Aagard Group, LLC, Alexandria, MN, is a privately held, Engineer To Order (ETO), Original Equipment Manufacturer (OEM) for automated, combination, packaging equipment.

**Electrical Assembly & Maintenance**, 2001 to May 2012

- Responsible for repairing, installing and troubleshooting electrical equipment like motors, switches, relays, wiring, electronic and electrical components.
- Overhaul and repair fabrication and plant equipment such as a metal lathe, hydraulic press, drill presses, air compressors (rotary and piston type), vacuum pumps, and Bridgeport type milling machines.
- Created specialty shop equipment used in the manufacturing of machinery system, such as a rotary welding positioner, slip roll, and hydraulic chain breaker.
- Developed a vertically adjustable structure for panel wiring, din rail cutter, and wireway cutter from scratch that provided for efficient electrical assembly.
- Provide effective support in production activities by calibrating and carrying out preventive maintenance of machines.
- Responsible for diagnosing and repairing any malfunctioning parts of the machinery.
- Assembled electronic equipment and parts as per company's policies, using different hand and power tools to create assemblies.

**Machinist, June 1998 to 2001**

- Responsible for operating and maintaining CNC milling machines.
- Perform lathe and welding functions, along with assembly and wiring of packaging equipment.
- Provide general maintenance on shop equipment.
- Performed the tasks of inspecting, testing, operating machinery or equipment in order to diagnose defects or malfunctions.

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*Delta Airlines, Inc., Hartsfield Atlanta International Airport, Atlanta, Georgia & Dallas/Fort Worth International Airport, Irving, Texas.*

**Aircraft Line Mechanic, Department 250, July 1990 to June 1998**

- Extensive experience in troubleshooting fuel quantity systems, air conditioning systems, APU systems, and hydraulic systems.
- Possess experience with engine repairs, such as changing fuel controls and trimming engines, as well as light sheet metal repairs of fuselage, wings, and cargo areas.
- Responsible for all types of aircraft maintenance from radar, communication, and avionics guidance systems to cabin and galley maintenance.
- Duties included deciding which maintenance requests were required to be repaired before an aircraft could depart, as mandated by FAA guidelines.
- Responsible for conducting routine inspection and repairing of aircraft systems and airframe structures.
- Handle the responsibilities of operating the aircraft and performing engine installation.
- Perform the tasks of removing, assembling, installing, and replacing defective parts.
- Responsible for preparing maintenance and service reports.

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**Lab Assistant/Student Teacher, *Spartan School of Aeronautics*, Tulsa, OK, 1988 to 1990**

**Mechanic and Production Assistant, *Pillsbury Green Giant*, Montgomery, MN, 1986 to 1986**