AmphenolCIT
Cable & Interconnect Technologies

Franklin Facility Capabilities

LOCATION OVERVIEW



FRANKLIN, WI

5300 W. Franklin Dr.
Franklin, WI 53132

Facility Specializations

Avionics RF, Aero Structures, Assemblies, Modification Kits & Engineering for Aircraft Certification

Certifications

AS 9100D · ISO 9001 · ISO 14001 · ISO 50001 · FAA PMA · ITAR Registered · REACH Compliant · IPC-J-STD-001 Compliant · IPC/WHMA-A-620 Compliant · Nadcap Administered by PRI ACCREDITED

INTRODUCTION

Established in 1984, our Franklin facility has more than 40 years of manufacturing experience and is home to approximately 300 employees. The 140,000-square-foot facility joined the Amphenol family in 2024 following its acquisition from Carlisle.

Today, our team combines its longstanding industry expertise with Amphenol's global resources to deliver quality products and solutions for customers across a range of demanding applications.

MARKETS WE SERVE

- Commercial Aerospace
- Military & Defense
- Space
- Test & Measurement

PRODUCTS

Our facility delivers precision-engineered products designed to meet the demanding requirements of today's most critical applications. With extensive manufacturing expertise, we produce high-quality components and assemblies built for performance, reliability, and durability. From complex metal components to finished assemblies, ours products are developed with a focus on quality and consistency to help customers meet their most challenging design and performance requirements.

INTEGRATED ASSEMBLIES
Rack & Shelf Assemblies
Switch & Junction Panels
Avionics Trays & Accessories
Avionics Chassis & Enclosures
Avionics RF Assemblies
Data Bus, Power & Video Assemblies
COMPONENTS
Aviation Grade Busbars
Avionics RF Connectors
Avionics Coaxial & Custom Cables
Equipment Hold Downs
Equipment Air Filtration Solutions

COMPLETE SYSTEM KITS
Automatic Dependant Surveillance Broadcast (ADSB)
EFB Electronic Flight Bag Systems
Global Positioning System/Multi-Mode Receiver (GPS/MMR)
In-Flight Entertainment & Connectivity
Satellite Communications (SatCom)
Traffic Alert & Collision Avoidance System (TCAS)
Fire Detection & Suppression
STRUCTURES
Antenna Mounts & Accesories
Custom Structural Components
5-Axis Machining
Sheet Metal Fabrication

Franklin Capabilities Cont'd.

SERVICES

From initial design through final assembly, we offer a broad range of capabilities to support customers throughout the product lifecycle. Our services provide an integrated approach that helps streamline production and maintain quality at every stage. With an experienced team and a collaborative approach, Franklin works closely with customers to turn designs into reliable, production-ready solutions.

MACHINING



Large

- 5-Axis [up to 4 M x 1.5 M (13.1 ft x 4.9 ft)]

Medium

- 5-Axis [up to 1.6 M diameter (5.2 ft)]
- 3-Axis [up to 1.6 M x 0.86 M (5.2 ft x 2.8 ft)

Small

- 5-Axis [up to 60 cm diameter (23 in)]
- CNC Turning Center [up to 1.6 in diameter

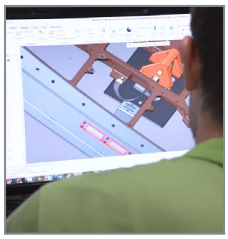
Materials available: Aluminum, Stainless Steel, Titanium & Hard Plastics

DESIGN ENGINEERING

- Design
- Simulation
- Verification
- Certification







FINISHING

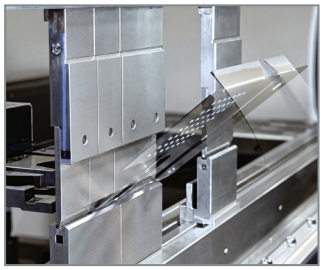
- In House Chemical Conversion Coating on Aluminum
- In House Anodize on Aluminum
- Painting
- Additional Finishes & Special Processes Sub-Contracted as needed

Nadcap Administered by PRI ACCREDITED



SHEET METAL FABRICATION

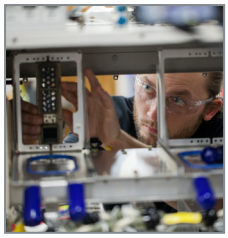
- Thin Sheet Punch & Form
- CNC Cold Break Forming
- Resistive Spot Welding
- Heat Tempering/Aging
- CNC Drill & Post Forming Details
- 80 ton Forming Press (up to 18 in square)



ASSEMBLY

- Electrical Assembly
- Mechanical Assembly
- Integration







INSPECTION

- Small & Large Format Zeiss Granite Gantry CMM
- Co-Bot Assisted Optical Laser Scan
- Conventional Dimensional, Gauge & Surface
- Dye Penetrant



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Learn more at:
Amphenol-CIT.com/contact-us/locations/franklin-wi/

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