Noreast designs and manufactures high-performance interconnect and electronic components trusted in some of the world's most advanced and mission-critical systems. We are **ISO 9001** certified, and our **AS9100** certification is scheduled for completion by October 2025. With decades of experience supporting the aerospace, defense, and transportation sectors, we've built a reputation for delivering not just reliable components — but tailored solutions that meet the exacting requirements of each platform. Our production capability is backed by our highly reliable supply chain with **100% traceability** on all components — ensuring quality, accountability, and trust in every part.

Our customers turn to Noreast when off-the-shelf won't cut it. Whether it's extreme vibration, high-altitude performance, electromagnetic resilience, or tight spatial constraints, we work closely with engineering teams to develop solutions that integrate seamlessly and perform flawlessly.

From fighter jet cockpits to helicopter avionics, from drone navigation to artillery systems, Noreast components are chosen for applications where precision, durability, and system compatibility are absolutely essential.

When the environment is unforgiving and the mission critical, Noreast delivers components that perform without compromise

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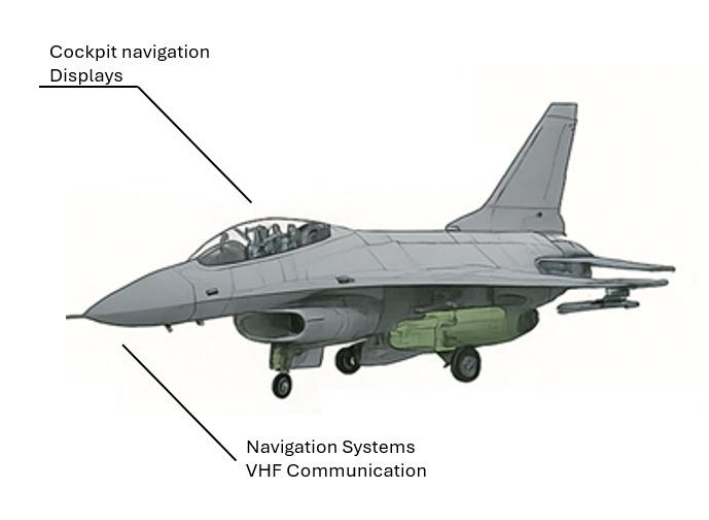
Military Aviation

Every component in a fighter jet must perform flawlessly, **failure is not an option**.



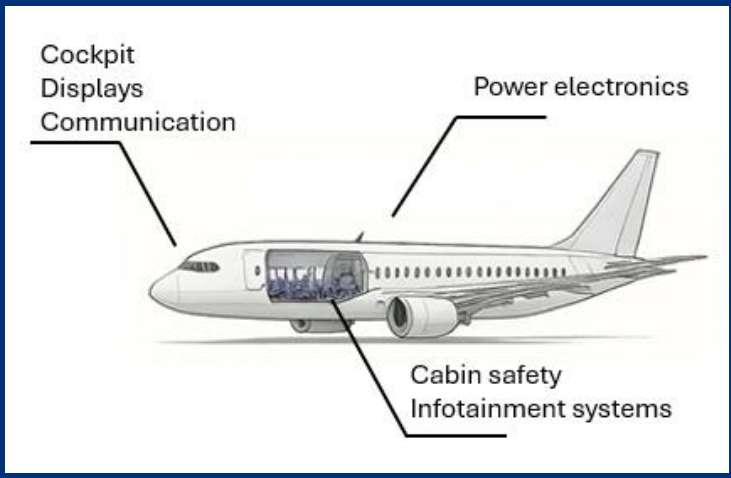
Noreast components ensure exactly that—unmatched reliability, signal integrity, and rugged performance under the most extreme conditions.

Whether it's maintaining crystal-clear communication, pinpoint navigation, or real-time display data, our solutions are engineered to **withstand G-forces, vibration, and harsh environments**—keeping pilots connected, informed, and mission-ready.

Commercial Aviation

In commercial aviation, you need engineering confidence at 35,000 feet.

Our components are used in **communication systems**, they ensure clear pilot-to-ground and crew coordination. Integrated into **cabin safety equipment**, they support emergency lighting, smoke detection, and alert systems. Within **infotainment systems**, they enable consistent connectivity and entertainment for passengers. And in **power electronics**, they help manage and distribute energy efficiently across the aircraft.—all while meeting the highest industry standards for durability and efficiency.



From gate to cruising altitude, our components help keep crews connected, cabins secure, systems powered, and passengers entertained.

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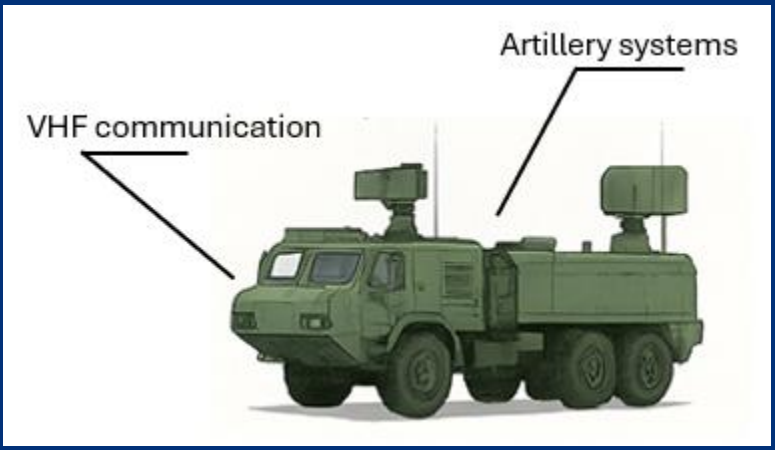
Defence systems

In today's defense landscape, precision, durability, and survivability are critical.



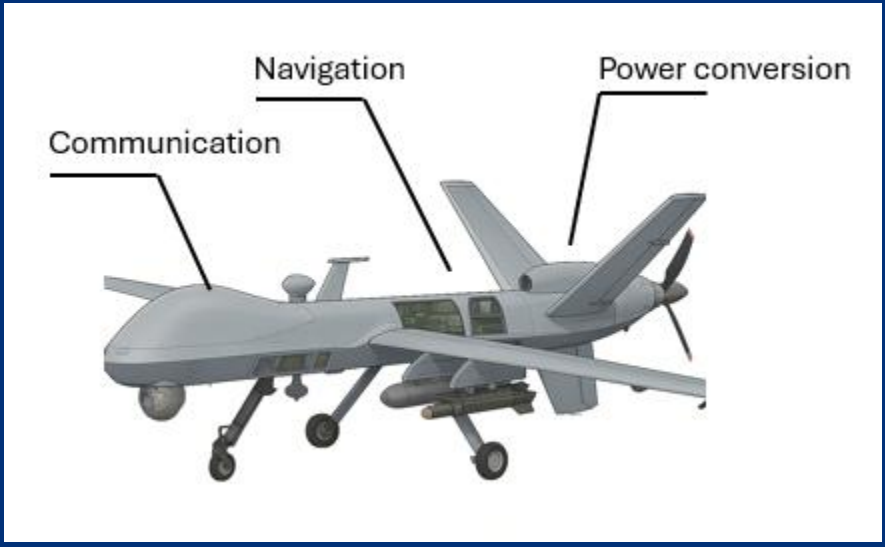
Our components are used in fire control systems to support targeting accuracy, sensor integration, and ballistic computations.

They enable secure communication between crews, command centers, and allied units. In navigation and positioning systems, they ensure real-time situational awareness—even in GPS-challenged or hostile environments. And within power electronics and distribution systems, they deliver stable, reliable power to onboard systems, maintaining performance under heavy load and harsh battlefield conditions.

Designed to withstand shock, vibration, extreme temperatures, and electromagnetic interference, Noreast components help ensure that mission-critical systems perform flawlessly—under fire, in motion, and in the most demanding environments.

Drones

In unmanned aerial systems, every gram and watt counts. **Noreast components** play a critical role in ensuring efficient **power conversion**, robust **communication links**, and accurate **navigation**, whether for surveillance, tactical operations, or logistics.



Our solutions deliver lightweight, high-efficiency power management, maintain stable data transmission over long distances, and support precise positioning in complex or GPS-denied environments. Engineered for high-altitude, vibration-prone, and temperature-variable conditions, Noreast helps keep drones reliable, responsive, and mission-ready.

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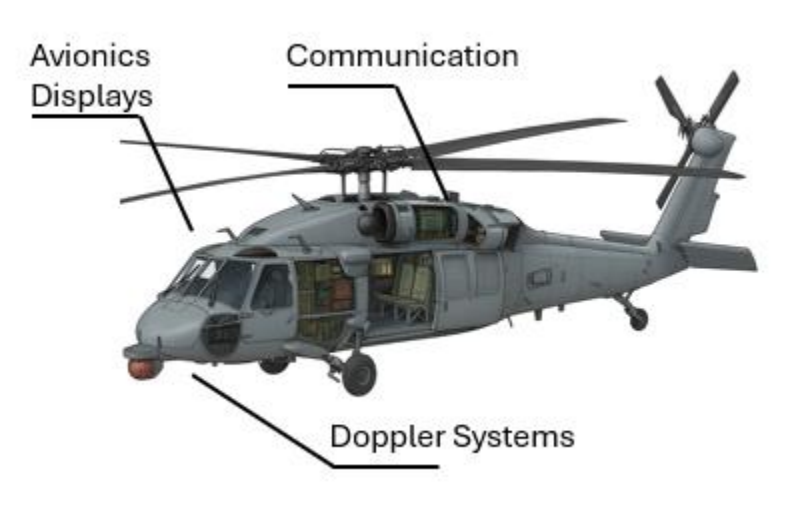
Helicopters

Helicopters operate in some of the most demanding environments—low altitude, high vibration, rapid maneuvering—and **Noreast components** are built to meet that challenge.



From **Doppler navigation systems** to **avionics, displays, communication units, and weapon system interfaces**, our components deliver the rugged reliability and precision these platforms demand. They ensure accurate positioning, clear crew communication, real-time situational awareness, and seamless weapon system integration—even in the harshest operational scenarios.

Designed for resilience against vibration, EMI, and environmental extremes, **Noreast helps keep rotary-wing missions flying smoothly, safely, and effectively**

Railway

From trackside systems to onboard electronics, **Noreast components** play a vital role in ensuring the safety, efficiency, and connectivity of modern railway operations. Our solutions are trusted in **switching and signaling infrastructure**, providing durable, high-integrity performance in harsh outdoor environments where precision and timing are critical.

Onboard, our components support **vehicle-mounted antenna systems**, enabling stable, real-time communication for control, monitoring, and passenger services—even at high speeds. We also contribute to the heart of the power network, with components integrated into **railway transformers** that ensure efficient and reliable energy distribution across propulsion and auxiliary systems.

Designed to withstand vibration, temperature extremes, and electrical stress, Noreast helps rail systems run **safely, smoothly, and without interruption—mile after mile**.

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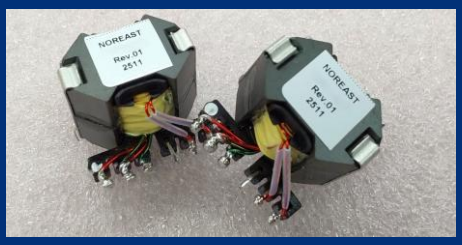
Quality You Expect. Service You Deserve.

Our components

EMI Filters Chokes

Characteristics	From	To
Temperature	-55 C	155 C
Frequency	DC	45 Mhz
Insulation		Up to 5000 V
Inductance	20 nH	40 H
Current	10 mA	50 A

Power Transformers and Inductors



Characteristics	From	To
Voltage		Up to 440 V
Current		Up to 500 A
Power		Up to 3 KVA
Temperature	-55 C	155 C
Frequency	DC	500 kHz
Inductance	20 nH	40 H
Insulation		Up to 5500 V
Weight		Up to 25 kg

Audio & Isolation Transformers

Characteristics	From	To
Power		Up to 50 W
Temperature	-55 C	155 C
Frequency		Up to 500 kHz
Insulation		Up to 5500 V

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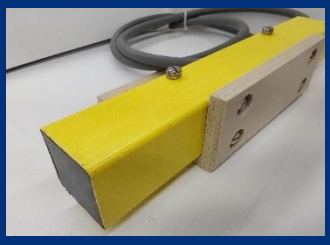
Current Transformers

Characteristics	From	To
Load		Up to 2 KVA
Temperature	-55 C	155 C
Turns Ratio	1	1000
Insulation		Up to 5500 V

Encapsulated Products



Characteristics	From	To
Temperature	-55 C	200 C
Pressure		Up to 10000 psi
Shock		100 g
Humidity		100 %
Insulation		Up to 500 V/mil

Air Coils

Characteristics	From	To
Temperature	-55 C	155 C
Frequency		Up to 45 MHz
Insulation		Up to 5500 V
Inductance	1 nH	800 nH
SRF		Up to 45 MHz

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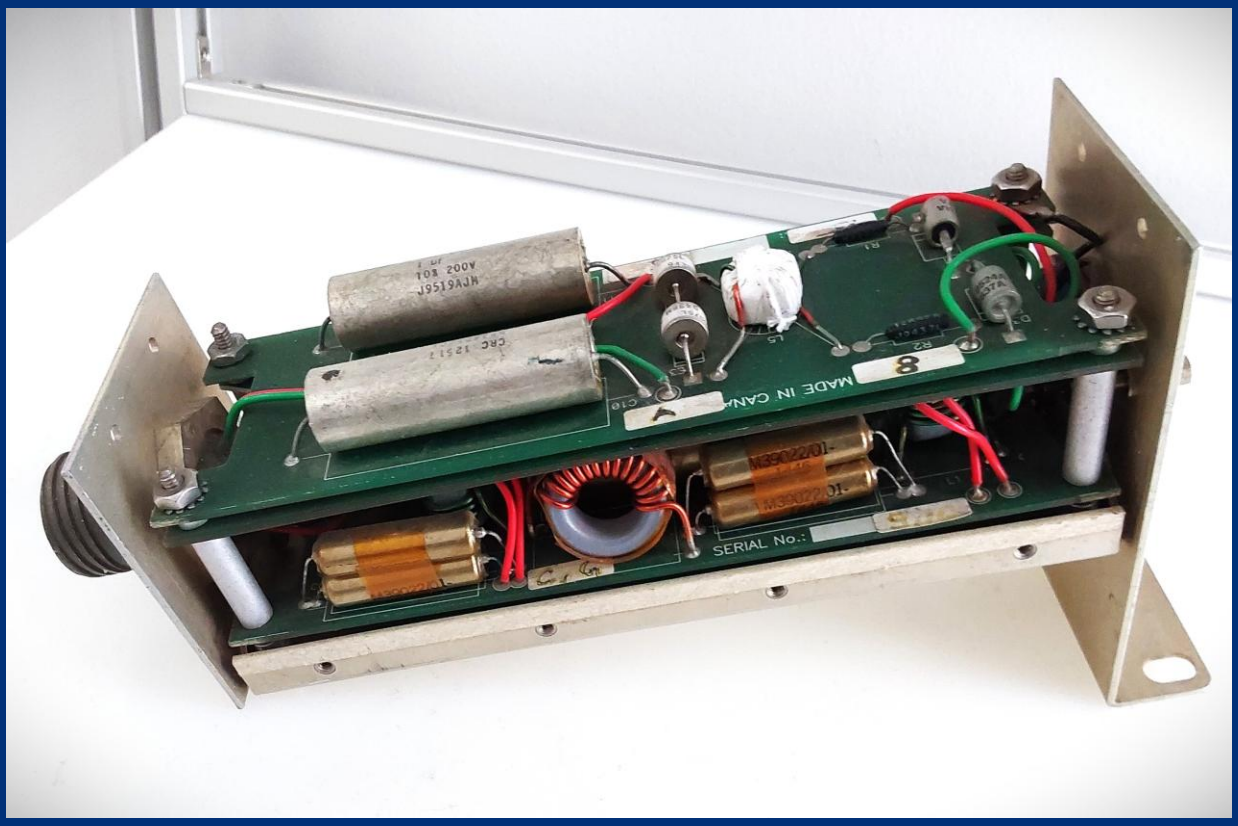
Custom Assemblies

We specialize in fully customized electromagnetic solutions, working closely with customers to develop tailored assemblies that meet your unique requirements.



- **Resistor Air Core Magnetics** – Engineered for high-frequency applications.
- **Mounted Magnetics** – Custom mounting solutions for secure integration.
- **Potted/Molded Magnetics** – Encapsulated designs for enhanced environmental protection.
- **Custom Wiring & Assemblies** – Tailored configurations for specialized applications.

Tape And Reel Capabilities

Noreast Electronics provides tape and reel packaging tailored for modern automated assembly lines. Our process ensures safe handling and full traceability of every component. Our tape and reel capabilities guarantee efficiency, reliability, and seamless integration into your SMT workflow.

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