

McCormick Industries Reinforces Commitment to Excellence in Aerospace Precision Machining

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McCormick Industries, a distinguished name in the aerospace cnc machining sector since 1996, today reaffirms its dedication to delivering top-tier precision machined components tailored specifically for the aerospace industry's most demanding applications. With an unwavering focus on quality and precision, McCormick Industries continues to set a high standard by offering CNC turning, CNC milling, and Swiss precision turning services with tolerances as tight as ± 0.0001 inches, ensuring every part meets the rigorous demands of aerospace environments.

Throughout its nearly three decades of operation, McCormick Industries has built a reputation for reliability and technical expertise, servicing a diverse array of clients within aerospace manufacturing, including avionics, satellite, and spacecraft sectors. The company's capabilities have been reinforced by its adherence to ISO 9001:2015 standards, a testament to its consistent commitment to quality management and customer satisfaction.

At the heart of McCormick Industries' success is its comprehensive CNC machining capability. The use of advanced CNC turning equipment allows the firm to produce critical aerospace parts with exceptional precision and repeatability. Employing high-speed spindles and live tooling technology, the company can fabricate components up to 18 inches in length and 1.625 inches in diameter with micro-level tolerances, ensuring flawless performance in critical aerospace systems.

Complementing its CNC turning operations, McCormick Industries' highly advanced vertical machining centers (VMCs) provide efficient and accurate CNC milling services. These VMCs, capable of spindle speeds of up to 12,000 RPM and rapid traverse speeds reaching 50 meters per minute, facilitate rapid production cycles without compromising the finishing quality vital to aerospace components. Such precision milling processes are essential for features requiring utmost detail and tight machining tolerances.

One of McCormick Industries' standout capabilities is its Swiss precision CNC machining, which allows for the production of extremely small yet highly complex aerospace parts with diameters up to 1.25 inches. This specialized process supports lights-out operation and significantly reduced cycle times, enabling McCormick Industries to meet both low- and high-volume production demands efficiently. This expertise underscores the company's ability to tackle challenges in manufacturing trunnions, actuators, and other miniature critical components integral to aerospace systems.

Material versatility is another cornerstone of McCormick Industries' aerospace services. The company expertly machines a broad spectrum of materials suited to aerospace applications, from lightweight aluminum and titanium to tougher exotic alloys and advanced plastic composites. This wide-ranging material expertise ensures that aerospace clients receive components optimized for both weight and strength, aligned precisely with performance requirements.

Gary Hermesen, CEO of McCormick Industries, emphasizes the company's ongoing commitment to precision and customer service: "Our mission at McCormick Industries is to deliver precision without compromise. Every aerospace component we machine carries the responsibility of safety and reliability, and we take pride in being a trusted partner whose quality helps keep the industry moving forward."

With the aerospace industry's growing demand for more intricate and reliable components, McCormick Industries continues to invest in cutting-edge machining technology and highly trained personnel. This strategy enables the company to maintain a competitive edge while ensuring its aerospace clients receive products that not only meet but consistently exceed industry standards.

Additionally, McCormick Industries leverages an experienced engineering and design team capable of supporting custom projects and rapidly evolving aerospace manufacturing requirements. This team's technical acumen and problem-solving skills help optimize manufacturability and enhance final product performance, whether working on components for military aircraft, commercial airliners, or space exploration vehicles.

Through continuous process improvement and rigorous quality control protocols, McCormick Industries upholds its reputation for producing aerospace components with unmatched precision. In particular, the company's stringent inspection methods and quality assurance measures ensure tolerances such as diameter, length, and roundness consistently remain within the tight bounds demanded by aerospace clients.

The aerospace industry's unwavering focus on zero-failure components aligns perfectly with McCormick Industries' quality philosophy. The company understands that every machined part is critical in flight or space missions, where even the smallest deviation could have serious consequences. McCormick's aerospace precision machining capabilities provide clients with the confidence that their components will

perform flawlessly under extreme conditions.

As aerospace manufacturers face growing complexity and shorter lead times, McCormick Industries stands ready to support these challenges with responsive production schedules and reliable delivery. Its ability to handle both prototype and production runs with equal precision allows clients to move smoothly from concept to manufacturing without sacrificing quality or speed.

McCormick Industries remains a steadfast partner in the aerospace supply chain, continuously enhancing its capabilities while adhering to the rigorous standards of the aerospace industry. This ongoing commitment ensures that the company remains at the forefront of precision machining technology and customer satisfaction for years to come.

Through decades of experience, an advanced technological foundation, and a relentless pursuit of quality, McCormick Industries solidifies its role as a trusted leader in aerospace precision machining, supporting innovation and safety in flight and beyond.

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McCormick Industries is a precision CNC machining facility specializing in swiss-type machining of small, complex parts for the industrial, aerospace, defense, and medical sectors since 1996.

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