



stacosystems

Based in the United States out of Southern California, Staco Systems has been a leading manufacturer of a wide range of pushbutton display switches for military and commercial applications including: aircraft, ships, submarines, specialty vehicles, and energy facilities for over 50 years.

Aircraft switches have been the foundation of the company, which was originally known as Staco Switch, since its commencement in 1958. During the early years, a small manufacturing and assembly team accomplished the first Series 30 switch which was used in a Fokker F-27

in 1960. Fifty years later, Staco Systems has evolved into an internationally recognized, high-tech endeavor with experienced experts in manufacturing, engineering, sales, and quality control. Their product line has expanded to include rugged keyboards and keypads, electronic controllers, LED products, and panel assemblies for thousands of applications worldwide.

On-site Manufacturing

For optimal quality and cost control, Staco Systems designs, tools, manufactures, and assembles 100% of their switches and indicators in their Costa

Mesa, CA headquarters as well as tests all products in their state-of-the-art QPL lighting and test lab.

By producing all of the essential components, such as stampings, turnings, and molded plastic parts on-site, they save their customers time and money while insuring the highest quality and performance levels. Engineering, manufacturing, and testing products at their headquarters permits greater focus on technology development and more hands-on control of both quality and customization.

Custom Products

A major benefit of on-site manufacturing is the ability to deliver the highest level of customization services. Staco Systems believes that customers come first! That means Staco Systems is able to work with their customers to create the

ideal solution for their specific application. From concept through execution, Staco Systems' team will work diligently to achieve a solution with a high degree of creativity, flexibility, and reliability.

Customers have the ability to customize a switch or indicator for their specific system or application. Staco Systems' custom specialties include matrix mounting, wired assemblies, custom panels, custom lighting, graphics and alpha numeric specialized displays, and distinct packaging abilities.

LED Lighting

Staco Systems' remains focused on new product development. One of their offerings light emitting diodes (LED) technology for cockpit lighting. Rather than traditional incandescent lighting, new aircraft and retrofits primarily use LEDs in the cockpit, which are longer-lasting and brighter. The primary advantages of LED switches over similar incandescent switches are their low energy consumption, longer lifetime, better color consistency, and cooler faceplate temperatures.

In an effort to advance growth in its pushbutton switch line and meet the market's LED lighting requirements, Staco Systems' designed and manufactured their most recent LED switch – the Series 100 (S100) four-pole lighted pushbutton switch. Similar to Staco Systems' successful Series 90 switch line, the new S100 provides reliability, NVIS compatibility, sunlight readability, High Bright (HB) LED illumination, water-tight sealing, and voltage dimming. The benefits of the S100 product line are its 4PDT configuration, uniform lighting, low surface temperature, and longer actuation life than any other switch currently on the market.

"We are excited about the addition of the S100 to our existing product line of rugged duty lighted pushbutton switches," said Jason Childs, VP of Sales and Marketing for Staco Systems. "We've been perfecting the design of this switch to meet the most stringent requirements while reducing costs and providing serious value to our customers."

This product line meets or exceeds all applicable MIL-PRF-22885 requirements. It is specifically qualified to the requirements of MIL-STD-3009 and MIL-L-85762 and is completing QPL testing for the new M22885/114.



Night Vision Conversion and Retrofitting

Staco Systems has leveraged their expertise in aircraft cockpit switches to expand their services to include night vision retrofitting solutions. Staco Systems expects the night vision conversion and retrofit markets to grow significantly over the next decade. They are confident that cockpit retrofits will remain a high priority to the US military in order to extend the life of their helicopters and aircraft while remaining up-to-date with technological advances in cockpit lighting.

Staco Systems has won a number of such retrofit contracts.

Certifications

Staco Systems is a Qualified Product List (QPL) military supplier as well as a Federal Aviation Administration (FAA) certified supplier with ISO 9001:2000 and AS9100B certification.

Staco Systems recently received an Export Achievement Certificate presented by William Brekke, Senior Commercial Officer at the US Embassy Beijing, in recognition of Staco Systems' recent export accomplishments in China. ■

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