

## AEROSPACE SUPPLIER GROWS BUSINESS WITH AS9100D

**ABOUT ROUSH YATES MANUFACTURING SOLUTIONS.** Formed in 2003, with roots in auto racing, Roush Yates Manufacturing Solutions (RYMS) of Mooresville, North Carolina, has leveraged the experience and culture of winning to evolve into a world-class provider of machined parts. RYMS, a division of Roush Yates Engines, provides world-class CNC machining of complex parts for critical applications into the aerospace, defense, automotive and high-tech industries, delivering expertise in multi-axis and waterjet processing of metal and plastic parts with complex geometries. RYMS is also a Tier 3 supplier to the aerospace and defense industries. Their target customers are Tier 1 and Tier 2 suppliers, and in some cases, the OEM manufacturer of the product for the industry.

**THE CHALLENGE.** Although RYMS had developed a solid aerospace clientele and was certified to AS9100C, the aerospace industry required specific compliance to AS9100D in order to continue doing business with them. This new requirement could potentially put current business at risk. That's when RYMS turned to Industry Expansion Solutions (IES) and North Carolina MEP, a NIST MEP affiliate, again for transition assistance to the new standard.

**MEP CENTER'S ROLE.** IES provided on-site training that included: explaining the requirements, structure and purpose of AS9100D; explaining the requirements for documented information; identifying the changes between AS9100C and AS9100D; determining the gaps between AS9100D and their current QMS; assessing the overall impact on their current QMS; and determining the implications of the new requirements on management and internal auditors.

"We have seen a number of benefits since implementing AS9100D," said Shannon Hole, the AS9100 Management Representative for Roush Yates Manufacturing Solutions. "IES was very thorough; because of their coaching assistance, we passed the audit with no findings."

Bob Ucman, Vice President of Business Development for RYMS, added, "We have also experienced a reduction in the cost of trial and error we might have otherwise incurred without the coaching and support of IES. We have realized cost savings through improved efficiency and productivity; areas of opportunities were highlighted – meaning we can continually improve. In turn, that means reduced waste and more customer satisfaction, a true win-win." RYMS has experienced improvements in both time saving and productivity through the continuous improvement of their quality management system. In addition, the continuous improvement of their quality management system came directly out of the recommendations and the advice IES provided.

## RESULTS



\$30,000 in new investment



4 jobs created

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"Because of the critical nature of our AS9100 certification and all the processes that go with it, if we had not had IES's support to create that quality management system and the processes, we would not have experienced revenue or growth in the aerospace and defense industries. Most, if not all, our customers require us to have the certifications IES helped us achieve."

-Bob Uzman, Vice President of Business Development for RYMS