

# **BIOGRAPHY**



## **James D. Blocker**

Senior Associate, Munro & Associates, Inc.

Jim Blocker brings more than 37 years of hands-on work experience and technical training instruction experience to Munro & Associates' clients. His job competencies range from small air cooled engines to advanced automotive, heavy construction, and agricultural equipment systems. He specializes in technical training, instructional development and delivery for agricultural, construction, and heavy equipment.

Jim provides manufacturers with solutions that increase quality and reduce cost from a wide variety of product types and design strategies. Jim has the ability to recognize design opportunities and integrate them in a variety of product applications ranging from transportation vehicles to off-road construction and agricultural equipment.

At Munro & Associates Inc. Jim is responsible for benchmarking both the client's product as well as their competitor's products. He disassembles and analyzes these products while mapping the assembly process into Design Prophet® to capture material, labor, and quality costs. Jim uses these tools and his technical knowledge to build business cases that drive change in product design, increasing profitability and promoting ease of product assembly.

During his career at Munro & Associates, Jim has worked on benchmarking and/or design analysis projects for the following clients:

Bentley	Hussmann
BMW	Meritor WABCO
Cardinal Health	TATA
Case New Holland	Thermo King
Champion Laboratories	Trane
Chrysler	TRW
DRS	Yanmar
	GDLS

During the eight years prior to joining Munro & Associates, Inc., Jim was employed by Raytheon Professional Services and RWD Technologies. He developed and delivered both instructor-led and web-based product specific training for service technicians, manufacturing technicians, and engineers. Some

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of the clients include; General Motors, DaimlerChrysler, Caterpillar, Freightliner, John Deere and Daewoo Automotive Technology. Also during this period Jim received master automotive service technician status from the Automotive Service Excellence (A.S.E.) program.

Jim served his country for 10 years in the Air Force prior to settling in Michigan. His Air Force career provided him experience as a heavy equipment technician, heavy equipment technician supervisor, technical training instructor, and finally a master technical training instructor for automotive vehicle and heavy equipment maintenance. He has conducted hands-on training for complete overhaul of multi-cylinder gasoline engines as well as two and four stroke diesel engines. Jim became A.S.E. certified in both automotive and heavy truck categories while in the Air Force and also received degrees in Automotive Vehicle Technology and Technical Training Development and Delivery from the Community College of the Air Force.

Jim began his career in 1978 as a farm equipment technician at Kavalier Implement Inc. where he learned to diagnose, adjust, and repair all types of agricultural equipment. He was exposed to a broad range of technical systems including diesel fuel delivery systems, open and closed center hydraulic systems, air conditioning systems, and heavy duty mechanical systems. His job responsibilities included complete overhaul of gasoline and diesel engines as well as servicing and adjusting all types of harvesting, tillage, and planting equipment.