

BIOGRAPHY



MARTY KOWALSKY (BME, BS Arch.) Senior Cost Engineer, Munro & Associates, Inc.

Marty Kowalsky has been associated with Munro & Associates with a full-time engagement since 2009, and earlier, as a consultant-contractor, since 1998. His responsibilities in the current engagement have centered on incorporating engineering systems intelligence including cost modeling, into the Munro software products and systems. This includes an assortment of costing methodologies offering speed, and embedded engineering knowledge. Among the major accomplishments was the creation of a master materials database, offering design and engineering properties, as well as cost strategy vs. industry and volume.

Prior to Munro, Kowalsky functioned for many years as an independent consultant, offering a combination of design and engineering translation of structural product into composite materials, and engineering plastics. In this regard, over 300 translations of metal-to-plastics were completed successfully, with many of these parts reaching production status. Noteworthy were:

- Automotive Scissors Jack in reinforced Nylon material
- Automatic transmission torque-converter stator
- Tank ammunition 120mm Graphite-Epoxy discard Sabot
- Composite fins for 81mm mortar round
- Composite (SRIM) pickup truck box for USCAR

These design-engineering efforts were coordinated with military marketing efforts for the plastics industry, and completed visits to over one hundred (100) DoD facilities, as well as all of the responsible prime contractors. This effort was sustained for 25 years.

Earlier in his career, Kowalsky was a Design Engineer for Pratt & Whitney Aircraft (Florida, military), and designed the engine fan discs for the F100 gas-turbine engine (F15 and F16), which remained in production for 30 years. This was followed by five (5) years at Ford Motor Company's Plastics Development Center, ending as an Engineering Supervisor for functional components.

Marty lives in Rochester Hills, Michigan with his wife, and has grown daughters in Chicago, Austin, Phoenix, and San Diego. He owns and maintains an extensive automotive library.

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