



Robert F. Murphy, MBA-TM, Vice President

Robert Murphy has served as vice president of Cooper Aerial Surveys Company since 1999, and his superior technical and managerial skills are a powerful guiding force within the organization. His primary role is handling business development and marketing strategy. A certified photogrammetrist, Mr. Murphy also oversees photogrammetric, remote sensing and digital imaging activities. He started with the company as office manager, and often manages projects requiring newer technologies. He interfaces with geographical information system (GIS) managers and government agencies on the client side.

Continuously promoting new ideas and forward thinking, Mr. Murphy helps keep Cooper Aerial Surveys on the leading edge of technology. He challenges staff to strive for better service, superior quality and rapid project completion. His goal is to make Cooper Aerial Surveys a company that sets the standard for the mapping industry.

Leveraging Leading-Edge Technology

Mr. Murphy is familiar with a number of complex technology systems. These include aerial mapping equipment, digital imagery equipment and remote sensing technologies such as: airborne global positioning systems (GPSs); multi-spectral airborne scanners; satellite imagery equipment, including electro-optical and thermal sensors; and microwave, radar, sonar, and light detecting and ranging (LiDAR) equipment.

Extending beyond management, Mr. Murphy's role includes continuing education for company staff. He uses group instruction to cover new technologies and solutions, teach the latest methods, and encourage innovation and open-mindedness. He regularly acts as a mentor to help staff problem-solve difficult issues, and he reinforces the company's commitment to quality.

Contributing Vast Industry Knowledge

Well known in the aerial mapping industry, Mr. Murphy has supervised numerous high-profile projects. Many involve aerial mapping, airborne GPS, photogrammetry, contour mapping, orthophotography, LiDAR technology, survey system evaluations and more. The following are just a few clients Mr. Murphy has been serving:

- Flood Control District of Maricopa County, continuous work since 1998
- City of Chandler, three major contracts since 2000 with work currently in process
- Salt River Pima-Maricopa Indian Community, continuous work since 2000

Cooper Aerial Surveys benefits from Mr. Murphy's well rounded skill set. He earned an extended bachelor of science degree in applied geography (emphasis on remote sensing and engineering) with a minor in mathematics from Northern Arizona University. He also holds a master's in business administration with an emphasis on technology management (MBA-TM) from the University of Phoenix. In 2003, the American Society of Photogrammetry and Remote Sensing (ASPRS) granted him certification in photogrammetry (certified photogrammetrist #1231).

Mr. Murphy delivers technology presentations on a regular basis. He has the following active memberships:

- Arizona Professional Land Surveyors Association (APLS) since 2000; representative for the Geospatial Committee
- Geographic Information Technology Association (GITA) since 2000
- ASPRS since 2001
- American Society of Civil Engineers (ASCE) since 2001
- American Congress of Surveying and Mapping (ACSM) since 2002

A multidisciplinary aerial photo and mapping company, Cooper Aerial Surveys Company (www.cooperaerial.com) serves architectural and engineering firms, the mining industry, real-estate developers, and municipal, state and local governments.