

## Optech Announces New ALTM Models: Orion M/C 300

**Toronto, Canada, September 26, 2011** — Optech Incorporated is pleased to announce the latest addition to its innovative line of airborne laser terrain mappers, the ALTM Orion M/C 300.

Available in two models, the Orion M300 and C300 are specifically designed for mid-altitude engineering and low-altitude corridor applications respectively. Both models are now equipped with multipulse technology and an effective ground sampling rate of 300 kHz at all scan fields of view (FOV), significantly increasing collection efficiency and point density. Incorporating the latest in narrow pulse-width lasers and advanced timing electronics, Orion M/C300 continues to provide clients with outstanding data quality by delivering high precision and accuracy to all target surfaces while maintaining enhanced small target detectability.

Additional enhancements include an expanded operating envelope via an all-new variable laser power option (M300); new user-selectable scan patterns for increased point-pattern flexibility; higher scan frequencies for improved point distribution; next-generation POS technology with a 220-channel GPS receiver; compatibility with Optech's new 12-bit IWD-2 Intelligent Waveform Digitizer; and compatibility with an all-new multi-station sensor platform enabling scalable tightly-integrated peripheral sensor options from Optech's diverse camera product line.

"In addition to increased sensor performance and data quality, many of our clients are also looking for ways to increase their simultaneous data acquisition capability, particularly within the engineering/corridor market space," said Michael Sitar, Optech's Airborne Products Manager. "Our new multi-sensor mounts for Orion enable our clients to build 'custom' sensor suites and add value to their product deliverables using an off-the-shelf universal mounting system. Because they're available in 2 or 4-station designs with nadir and oblique mounting options, the new mounts provide incredible sensor flexibility and easy installation without sacrificing platform rigidity and data integrity. Coupled with the new Orion M/C 300, our integrated sensor suites offer a powerful mapping solution with tremendous scalability."

### About Optech Incorporated

Optech is a pioneer in the development, manufacture and support of advanced lidar and imaging-based survey instruments. With operations and staff worldwide, Optech offers both standalone and fully integrated lidar and camera solutions in airborne terrestrial mapping, airborne laser bathymetry, mobile mapping, mine cavity monitoring, and industrial process control, as well as space-proven sensors.

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