



For immediate release

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Aculight Corporation Awarded Manufacturing Technology Program for Military Lasers

Bothell, Wash., June 14, 2007 – Aculight Corporation was awarded a subcontract from The Pennsylvania State University's Electro-Optics Center (EOC) for \$2.6 million dollars over a three year period. The effort under this subcontract is possible through a contract awarded to the EOC by the Office of Naval Research's, Manufacturing Technology Program (Navy ManTech) and is being conducted on behalf of NAVAIR PMA 272. Aculight is partnered with the U.S. Air Force Research Laboratory Directed Energy Directorate (AFRL/DELS) at Kirtland Air Force Base (Albuquerque, NM) who initially developed the optically pumped semiconductor laser technology that will be prepared for volume manufacturing. The work will primarily address two types of semiconductor lasers used in advanced mid-infrared laser transmitters being developed for use in future aircraft infrared countermeasures defensive systems, which can autonomously detect, track and jam heat-seeking missiles protecting both military and commercial aircraft.

Process development work will investigate thermal and yield improvements to improve laser efficiency or increase the output power of these devices. Processes currently performed by AFRL/DELS will begin to be transitioned to Aculight, establishing an industrial capacity to manufacture these lasers. Pilot component production runs will be conducted to validate these new fabrication processes.

Founded in 1993, Aculight Corporation develops and manufactures innovative laser technologies for the military and medical markets. Aculight's technology portfolio includes fiber lasers, diode-pumped solid-state lasers, nonlinear optics, and semiconductor lasers. For more information about Aculight, please contact Andrew Brown, director of business development, at (425) 482-1100, or visit www.aculight.com.



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