

**CTI Approved Press Release
For Immediate Release
23 September 2011**

**USAARL/CTI Team Completes TSAS Integration and Starts Flight
Demonstrations in Army UH-60 Blackhawk Aircraft at Ft Rucker, Alabama**

California, Maryland – Chesapeake Technology International (CTI) successfully installed and integrated their second-generation Tactile Situational Awareness System (TSAS) into an Army UH-60 Blackhawk aircraft located at Fort Rucker, Alabama. On 23 September 2011 this system was flight-demonstrated to pilots at the US Army Aeromedical Research Laboratory (USAARL).



CTI's TSAS 2.0 system enables a helicopter pilot to maintain a stable hover position when in a degraded visual environment (DVE) or provide him/her with tactile indications when in a velocity hover flight condition. TSAS enables "tactors" (buzzer type devices) incorporated into a thin vest or belt worn on the torso to send tactile signals to a helicopter pilot.

CTI provided flight worthy systems to the Army to enable government sponsored flights in an Army Blackhawk aircraft. For the Blackhawk aircraft integration, CTI provided a hybrid solution. TSAS 2.0 used the location and micro-velocity inputs from its internal EGI and combined that with the altitude information provided via a voltage discrete from the on-board aircraft radar altimeter to provide a tactile solution to the test pilot.

Continuing flight demonstrations in Army Blackhawk UH-60's are planned over the next several months.

Chesapeake Technology International, Corporation (CTI) is a small, veteran-owned technology company headquartered in California, MD near Patuxent River, MD, with personnel in Virginia, North Carolina, Colorado, and California. CTI develops software and systems for C4ISR systems, EA-6B flight simulators, and Unmanned Airborne Systems (UAS).

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