



## NEWS RELEASE

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### **IRVINE SENSORS' LED TOWHAWK™ PROGRAM PARTICIPATES IN SUCCESSFUL LIVE FIRE EXERCISE (LFX) DEMONSTRATIONS**

FOR IMMEDIATE RELEASE

COSTA MESA, CALIFORNIA -- December 4, 2008 -- Irvine Sensors Corporation (NASDAQ: IRSN), together with Applied Research Associates, Inc. ("ARA"), announced today that they have completed two highly successful demonstrations of their TOWHAWK™ unattended Aerial Sensor ("UAS") System. TOWHAWK is a UAS system developed to provide dedicated, under armor situational awareness to ground combat vehicles. The system provides combat crews organic situational awareness without exposing the crew to hostile fire.

Both demonstrations were in conjunction with BAE Systems sponsored Live Fire Exercises (LFX) for the Army customer communities at Fort Knox, Kentucky and Fort Benning, Georgia. During these LFXs, TOWHAWK provided critical situational awareness information to soldiers to allow for swift course of action development. The TOWHAWK was utilized to provide soldiers situational updates, which included the disposition of targets that had been engaged by BAE Systems combat weapon systems.

John Carson, Irvine Sensors Chairman and CEO, said "It was a pleasure to witness these highly successful demonstrations of this powerful capability. The 'ready now' configuration of this system leads me to believe that we could retrofit fielded armor vehicles with this superb capability without much effort. We intend to continue to work with the Army user community to develop TOWHAWK into a 'Program of Record'."

Irvine Sensors Corporation ([www.irvine-sensors.com](http://www.irvine-sensors.com)), headquartered in Costa Mesa, California, is a vision systems company engaged in the development and sale of miniaturized infrared and electro-optical cameras, image processors and stacked chip assemblies and research and development related to high density electronics, miniaturized sensors, optical interconnection technology, high speed network security, image processing and low-power analog and mixed-signal integrated circuits for diverse systems applications.

Applied Research Associates, Inc. ([www.ara.com](http://www.ara.com)), headquartered in Albuquerque, New Mexico, is a diversified provider of research, engineering, technical support and specialty products for defense, aerospace, homeland security, transportation and commercial applications.

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**Safe Harbor Statement under the Private Securities Litigation Reform Act of 1995:** This message may contain forward-looking statements based on our current expectations, estimates and projections about our industry, management's beliefs, and certain assumptions made by us. Words such as "anticipates," "expects," "intends," "plans," "believes," "seeks," "estimates," "may," "will" and variations of these words or similar expressions are intended to identify forward-looking statements. These statements include, but are not limited to, our ability to achieve Program of Record status for the TOWHAWK UAS and to retrofit existing armored vehicles. Such statements speak only as of the date hereof and are subject to change. We undertake no obligation to revise or update publicly any forward-looking statements for any reason. These statements are not guarantees of future performance and are subject to certain risks, uncertainties and assumptions that are difficult to predict. Therefore, our actual results could differ materially and adversely from those expressed in any forward-looking statements as a result of various factors.

Important factors that may cause such a difference include, but are not limited to, our ability to satisfy the production requirements of potential TOWHAWK contracts on a timely and cost-effective basis; our ability to raise additional debt or equity financing; the availability of components for camera products intended for integration into TOWHAWK deliveries; the working capital available to support orders resulting from any TOWHAWK bids; military factors impacting the demand for small UAS applications; impact of presently unknown competitive alternatives to the TOWHAWK UAS; and the general economic, market and political conditions and specific conditions that may impact our operations. Further information on Irvine Sensors Corporation, including additional risk factors that may affect our forward looking statements, is contained in our Annual Report on Form 10-K, our Quarterly Reports on Form 10-Q, our Current Reports on Form 8-K and our other SEC filings that are available through the SEC's website ([www.sec.gov](http://www.sec.gov)).

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