



Elbit Vision Systems wins Orders from the Leading Aerospace Manufacturers and their Subcontractors

Combined orders valued at \$2.2 million

Kadima, Israel – April 3, 2008 - Elbit Vision Systems (OTCBB: EVSNF) today announced that it has won three orders for ultrasonic inspection systems, with total value of \$2.2 million. The orders are from both the largest US and European Aerospace manufacturers and their subcontractors.

The Company will supply these companies with Ultrasonic inspection systems to check for structural flaws in aircrafts and jet-engine parts prior to assembly.

David Gal, CEO and Chairman of the Board, “We are proud to supply our Ultrasonic solutions these leading aerospace manufacturers. This is clearly a testament to our competitive advantages and the reliability of our solutions, for the mission-critical task of inspecting aircraft components to ensure they are structurally sound and safe for passenger use. These customers are a very strong reference for us and we aim to win additional business in the aerospace sector.”

About Elbit Vision Systems Ltd. (EVS): www.evs-sm.com

EVS offers a broad portfolio of automatic State-of-the-Art Visual and Ultrasonic Inspection Systems for both in-line and off-line applications, and quality monitoring systems used to improve product quality, safety, and increase production efficiency. EVS' systems are used by over 600 customers, many of which are leading global companies. The headquarters, manufacturing and R&D of EVS are all located in Israel. A worldwide Sales and Service network supports markets as well as systems already installed, in Asia, Europe, Africa, Australia and the Americas.

Safe Harbor:

This press release contains forward-looking statements. Such statements are subject to certain risks and uncertainties, such as market acceptance of new products and our ability to execute production on orders, which could cause actual results to differ materially from those in the statements included in this press release. Although EVS believes that the expectations reflected in such forward-looking statements are based on reasonable assumptions, it can give no assurance that its expectations will be achieved. EVS disclaims any intention or obligation to update or revise any forward-looking statements, which speak only as of the date hereof, whether as a result of new information, future events or otherwise. EVS undertakes no obligation to update forward-looking statements to reflect subsequently occurring events or circumstances.

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