



ARRHYTHMIA RESEARCH TECHNOLOGY, INC.

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**ARRHYTHMIA RESEARCH TECHNOLOGY, INC.
ANNOUNCES RESULTS FOR FIRST QUARTER 2009**

Fitchburg, MA

Arrhythmia Research Technology, Inc. (the "Company") (AMEX: HRT) and its wholly owned subsidiary Micron Products, Inc. ("Micron") reported total revenue of \$4,683,000 and net income \$82,000 for the quarter ended March 31, 2009 compared to total revenue of \$5,460,000 and net income of \$149,000 for the same quarter of 2008. Net income per share for the three months ended March 31, 2009 decreased to \$ 0.03 per share from \$ 0.06 per share for the same period in 2008.

James E. Rouse, the Company's President and CEO commented, "The decline in revenue from the same period in 2008 was primarily the result of the elimination of an unprofitable product in our MIT division and continuing price erosion in Micron's sensor sales. Although we were disappointed that our sensor revenue declined over the same period in 2008, we are encouraged by several developments. Sensor volume sales increased by 20% in the first quarter as compared to the same period in 2008. In addition, during the first quarter we were successful in securing a new long term supply agreement with one of our largest sensor customers. Although in its early stages, we are beginning to see the positive effects of the company-wide lean manufacturing training as well as results from our cost reduction teams developed as part of our continuing focus on improving gross margins on our existing product lines. As part of that process, we are also implementing technological and process improvements which are expected to be completed over the next six to nine months. We are cautiously optimistic that our continuing efforts to streamline manufacturing processes and concentrate on products, services and programs that meet our contribution and strategic goal will produce improved results. In addition, our very strong balance sheet positions us to not only weather the current economic climate but also to capitalize on future growth opportunities."

The Company through its wholly owned subsidiary Micron Products, Inc. manufactures silver plated and non-silver plated conductive resin sensors and distributes metal snaps used in the manufacture of disposable ECG, EEG, EMS and TENS electrodes. Micron's MIT division provides end- to- end product life cycle management through a comprehensive portfolio of value-added services such as design, engineering, prototyping, manufacturing, machining, assembly and packaging. MIT manufactures custom injection molded products for medical, electronic, industrial and consumer applications, and provides high end mold design, manufacturing and precision machining for various industries. The Company's products also include proprietary signal-averaging electrocardiography (SAECG) software used in the detection of potentially lethal heart arrhythmias.

For more information please check our websites:

<http://www.arthrt.com>

<http://www.micronproducts.com>

<http://www.micronintegrated.com>

Forward-looking statements made herein are based on current expectations of the Company that involve a number of risks and uncertainties and should not be considered as guarantees of future performance. The factors that could cause actual results to differ materially include: interruptions or cancellation of existing contracts, impact of competitive products and pricing, product demand and market acceptance, risks, the presence of competitors with greater financial resources than the Company, product development and commercialization risks, changing economic conditions in developing countries, and an inability to arrange additional debt or equity financing. More information about factors that potentially could affect the Company's financial results is included in the Company's filings with the Securities and Exchange Commission, including its Annual Report on Form 10-K for the year ended December 31, 2008.