

**TAT TECHNOLOGIES LTD.
P.O. BOX 80, GEDERA 70750
ISRAEL**

AT THE COMPANY

Mr. Israel Ofen
Executive Vice-President and Chief Financial Officer
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FOR IMMEDIATE RELEASE

**TAT TECHNOLOGIES LTD. ANNOUNCES THAT IT HAS BEEN
INFORMED BY ITS CONTROLLING SHAREHOLDER, TAT
INDUSTRIES LTD., THAT IT INTENDS TO PURCHASE
SHARES OF THE COMPANY**

Gedera, Israel, March 18, 2008 -- TAT Technologies Limited (NASDAQ: TATTF) today announced that on March 16, 2008, the Board of Directors of its controlling shareholder, TAT Industries Ltd., authorized, the purchase by TAT Industries Ltd., of up to NIS 20,000,000 (approximately \$5,800,000) of shares of the Company, which shares are traded on the Tel Aviv Stock Exchange and on the NASDAQ Capital Market. The Board approval is effective through July 31, 2008. The timing and amount of any shares purchased will be determined by the Company's management based on its evaluation of market conditions and other factors. The purchase program may be suspended or discontinued at any time.

About TAT Technologies Ltd.

TAT, together with its subsidiaries, is principally engaged in the manufacture, repair and overhaul of heat transfer equipment, such as heat exchangers, precoolers and oil/fuel hydraulic coolers used in aircraft, defense systems, electronic equipment and other applications. In addition the company manufactures and overhauls aircraft accessories and systems such as pumps, valves, power systems, turbines, etc.

Safe Harbor for Forward-Looking Statements

This press release contains forward-looking statements that are subject to risks and uncertainties. Factors that could cause actual results to differ materially from these forward-looking statements include, but are not limited to, general business conditions in the airline industry, changes in demand for our services and products, the timing and amount or cancellation of orders, the price and continuity of supply of component parts used in our operations, and other risks detailed from time to time in its filings with the Securities Exchange Commission. These documents contain and identify other important factors that could cause actual results to differ materially from those contained in our projections or forward-looking statements. Stockholders and other readers are cautioned not to place undue reliance on these forward-looking statements,

which speak only as of the date on which they are made. We undertake no obligation to update publicly or revise any forward-looking statement.

For further information, please contact:

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