

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 8-K

Current Report
PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

Date of Report (Date of earliest event reported):

September 27, 2005

ULTRALIFE BATTERIES, INC.

(Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction of incorporation or organization)

0-20852

(Commission File Number)

16-1387013

(I.R.S. Employer Identification No.)

2000 Technology Parkway, Newark, New York 14513

(Address of principal executive offices) (Zip Code)

(315) 332-7100

(Registrant's telephone number, including area code)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

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Item 7.01. Regulation FD Disclosure.

Ultralife Batteries, Inc. (the "Company") has been awarded an increase by the U.S. Defense Department in the quantity of BA-5372/U batteries to be supplied under its Next Gen II Small Cylindrical battery contract. Valued at up to \$25 million, the increase brings the total contract value to up to \$45 million. The Company's press release is attached as Exhibit 99.1 to this Form 8-K, and the information set forth therein is furnished under Item 7.01.

Item 9.01. Financial Statements, Pro Forma Financials and Exhibits.

(a) Financial Statements of Business Acquired.

Not applicable.

(b) Pro Forma Financial Information.

Not applicable.

(c) Exhibits.

99.1 Press Release dated September 27, 2005.

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

ULTRALIFE BATTERIES, INC.

Dated: September 27, 2005

By: /s/Peter F. Comerford

Peter F. Comerford
Vice President of Administration &
General Counsel

INDEX TO EXHIBITS

(99) Additional Exhibits

99.1 Press Release dated September 27, 2005.

Ultralife Batteries Awarded \$25 Million Increase In Next Gen II Small
Cylindrical Military Battery Contract

NEWARK, N.Y.--(BUSINESS WIRE)--Sept. 27, 2005--Ultralife Batteries, Inc. (NASDAQ: ULBI) has been awarded an increase by the U.S. Defense Department in the quantity of BA-5372/U batteries to be supplied under its Next Gen II Small Cylindrical battery contract. Valued at up to \$25 million, the increase brings the total contract value to up to \$45 million. Ultralife has already shipped or has orders scheduled for monthly shipments through 2006 totaling over \$20 million. The additional quantities, once ordered, could extend deliveries into 2009.

As a result of heightened military actions in the Middle East during the past few years, demands for the BA-5372/U battery have exceeded original projections. The remaining quantity of batteries that can be ordered on the current contract is insufficient to meet new projected demands and additional batteries are needed to eliminate backorders and replenish inventory.

John D. Kavazanjian, Ultralife's president and chief executive officer, said, "We have been supplying this strategically important battery to the U.S. Military for many years and have always responded to its steadily increasing demand. We are regularly shipping these batteries and are prepared to supply the additional batteries over the next few years under this modified contract as we continue to receive additional order releases from the Government."

The BA-5372/U is a 500 milliampere-hour, 6-volt battery, which provides memory back up power for over 60 applications, including a wide variety of tactical and strategic communications-electronics equipment, the most significant being the Single Channel Ground and Airborne Radio System.

About Ultralife Batteries, Inc.

Ultralife is a global provider of power solutions for diverse applications. The company develops, manufactures and markets a wide range of non-rechargeable and rechargeable batteries, charging systems and accessories for use in military, industrial and consumer portable electronic products. Through its range of standard products and engineered solutions, Ultralife is able to provide the next generation of power systems. Industrial, retail and government customers include General Dynamics, Philips Medical Systems, General Motors, Energizer, Kidde Safety, Lowe's, Radio Shack and the national defense agencies of the United States, United Kingdom and Germany, among others.

Ultralife's headquarters, principal manufacturing and research facilities are in Newark, New York, near Rochester. Ultralife (UK) Ltd., a second manufacturing facility, is located in Abingdon, England. Both facilities are ISO-9001 certified. Detailed information on Ultralife is available at the Company's web site, www.ultralifebatteries.com.

This press release contains forward-looking statements based on current expectations that involve a number of risks and uncertainties. The potential risks and uncertainties that could cause actual results to differ materially include: loss of business with the U.S. government, worsening global economic conditions, world events, increased competitive environment and pricing pressures, disruptions related to restructuring actions and delays. Further information on these factors and other factors that could affect Ultralife's financial results is included in Ultralife's Securities and Exchange Commission (SEC) filings, including the latest Annual Report on Form 10-K. Note to editors: Photos for the battery and application mentioned in this release, and other Ultralife military batteries, are available at:

<http://www.ultralifebatteries.com/milphoto.asp> Ultralife(R) is a registered trademark of Ultralife Batteries, Inc.

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