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): April 22, 2003

FLIR Systems, Inc.

(Exact name of Registrant as specified in its charter)

Oregon (State or other jurisdiction of 0-21918 (Commission 93-0708501 (I.R.S. Employer

incorporation or organization)

File Number)

Identification No.)

16505 S.W. 72nd Avenue, Portland, Oregon (Address of principal executive offices)

97224 (Zip Code)

(503) 684-3731

(Registrant s telephone number, including area code)

Item 7. FINANCIAL STATEMENTS AND EXHIBITS

(c) Exhibits	
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99.1 Press Release issued by FLIR Systems, Inc. on April 22, 2003.

Item 9. REGULATION FD DISCLOSURE

In accordance with SEC Release No. 33-8216, the following information is furnished pursuant to Item 12, Results of Operations and Financial Condition.

On April 22, 2003, FLIR Systems, Inc. (the Company) issued a press release announcing (i) its financial results for the quarter ended March 31, 2003, and (ii) its reaffirmation of its expectations as to revenue and net earnings for the year ending December 31, 2003. The press release is furnished herewith as Exhibit 99.1 and shall not be deemed filed for purposes of Section 18 of the Securities Exchange Act of 1934.

SIGNATURES

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 thereunto duly authorized on April 22, 2003.

FLIR SYSTEMS, INC.

(Registrant)

By:

/s/ Stephen M. Bailey

Stephen M. Bailey

Senior Vice President, Finance and

> Chief Financial Officer