FLIR SYSTEMS INC

Check this box

if no longer

subject to

Section 16.

Form 4 or

Form 4

August 07, 2007

FORM 4

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

OMB Number:

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January 31, 2005

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Last)

(Print or Type Responses)

1. Name and Address of Reporting Person * SUNDERMEIER WILLIAM A

2. Issuer Name and Ticker or Trading

Symbol

FLIR SYSTEMS INC [FLIR]

3. Date of Earliest Transaction

(Month/Day/Year) 08/06/2007

27700A SW PARKWAY AVENUE

(Street)

(First)

(Middle)

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director 10% Owner X_ Officer (give title _ Other (specify below)

President Government Systems

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

WILSONVILLE, OR 97070

(City)	(State)	(Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned							
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securities Approximately 1.	f (D) 15)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
Common Stock	08/06/2007		M	10,000 A	\$ 11.73	24,378	D		
Common Stock	08/06/2007		S	10,000 D	\$ 43.4826	14,378	D		

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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$\label{thm:convergence} \begin{tabular}{ll} Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned \\ (e.g., puts, calls, warrants, options, convertible securities) \end{tabular}$

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transactic Code (Instr. 8)	Second Acq or D (D)	rivat urit quire Disp		6. Date Exercis Expiration Dat (Month/Day/Y	e	7. Title and Amou Underlying Secur (Instr. 3 and 4)	
				Code V	(A)		(D)	Date Exercisable	Expiration Date	Title	Am or Nu of S
Non-Qualified Stock Option (right to buy)	\$ 36.11							02/04/2005	02/04/2015	Common Stock	75
Incentive Stock Option (right to buy)	\$ 11.73							02/12/2004	02/12/2012	Common Stock	8,
Non-Qualified Stock Option (right to buy)	\$ 11.73	07/30/2007		M		1	0,000	02/12/2003	02/12/2012	Common Stock	10
Non-Qualified Stock Option (right to buy)	\$ 19.58							12/01/2004	02/23/2009	Common Stock	60
Incentive Stock Option (right to buy)	\$ 25.14							02/13/2007	02/13/2016	Common Stock	11
Non-Qualified Stock Option (right to buy)	\$ 25.14							02/15/2007	02/13/2016	Common Stock	47
Non-Qualified Stock Option (right to buy)	\$ 41.5							02/15/2008	05/01/2017	Common Stock	32

Reporting Owners

Reporting Owner Name / Address	Relationships							
--	Director 10% Owner Officer		Officer	Other				
SUNDERMEIER WILLIAM A 27700A SW PARKWAY AVENUE			President Government Systems					
WILSONVILLE, OR 97070								

Reporting Owners 2

Signatures

David A. Muessle, Attorney-in-fact for William A. Sundermeier

08/07/2007

**Signature of Reporting Person

Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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