

Muessle David A
Form 3
November 16, 2010

FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL

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INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,
Section 17(a) of the Public Utility Holding Company Act of 1935 or Section
30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *		2. Date of Event Requiring Statement	3. Issuer Name and Ticker or Trading Symbol	
Â Muessle David A		(Month/Day/Year)	FLIR SYSTEMS INC [FLIR]	
(Last)	(First)	(Middle)	4. Relationship of Reporting Person(s) to Issuer	5. If Amendment, Date Original Filed(Month/Day/Year)
27700 SW PARKWAY AVE.				
(Street)			(Check all applicable)	
			____ Director	____ 10% Owner
			__X__ Officer	____ Other
			(give title below)	(specify below)
			Chief Accounting Officer	
WILSONVILLE,Â ORÂ 97070			6. Individual or Joint/Group Filing(Check Applicable Line)	
(City)	(State)	(Zip)	__X__ Form filed by One Reporting Person	
			____ Form filed by More than One Reporting Person	

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	33,588 ⁽¹⁾	D	Â
Common Stock	3,400	I	Daughter

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

SEC 1473 (7-02)

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)	3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative	5. Ownership Form of Derivative Security:	6. Nature of Indirect Beneficial Ownership (Instr. 5)
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	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	Security	Direct (D) or Indirect (I) (Instr. 5)	
Incentive Stock Option (right to buy)	09/12/2003	09/12/2012	Common Stock	60,000	\$ 4.59	D	Â
Incentive Stock Option (right to buy)	02/04/2006	02/04/2015	Common Stock	19,104	\$ 15.7	D	Â
Non-Qualified Stock Option (right to buy)	02/04/2006	02/04/2015	Common Stock	22,896	\$ 15.7	D	Â
Incentive Stock Option (right to buy)	02/15/2009	02/13/2016	Common Stock	7,954	\$ 12.57	D	Â
Non-Qualified Stock Option (right to buy)	02/15/2007	02/13/2016	Common Stock	35,646	\$ 12.57	D	Â
Non-Qualified Stock Option (right to buy)	02/15/2008	05/01/2017	Common Stock	23,000	\$ 20.75	D	Â
Non-Qualified Stock Option (right to buy)	02/15/2009	04/28/2018	Common Stock	11,300	\$ 34.31	D	Â
Non-Qualified Stock Option (right to buy)	02/15/2010	05/05/2019	Common Stock	23,800	\$ 25.64	D	Â
Non-Qualified Stock Option (right to buy)	04/27/2011	04/27/2020	Common Stock	10,700	\$ 30.27	D	Â

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Muessle David A 27700 SW PARKWAY AVE. WILSONVILLE,Â ORÂ 97070	Â	Â	Â Chief Accounting Officer	Â

Signatures

David A.
Muessle

11/16/2010

__Signature of
Reporting Person

Date

Explanation of Responses:

* If the form is filed by more than one reporting person, *see* Instruction 5(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).

(1) Includes 6,766 shares of unvested restricted stock units.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *See* Instruction 6 for procedure.

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