

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* SURRAN THOMAS A (Last) (First) (Middle) 27700 SW PARKWAY AVE (Street) WILSONVILLE OR 97070 (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol FLIR SYSTEMS INC [FLIR]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) Sr VP, Chief Operating Officer
	3. Date of Earliest Transaction (Month/Day/Year) 08/31/2017	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

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. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			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)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	08/31/2017		M		10,700	A	\$30.27	79,431 ⁽¹⁾	D	
Common Stock	08/31/2017		M		5,124	A	\$35.22	84,555	D	
Common Stock	08/31/2017		M		8,772	A	\$22.3	93,327	D	
Common Stock	08/31/2017		M		10,740	A	\$24.31	104,067	D	
Common Stock	08/31/2017		M		32,200	A	\$31.89	136,267	D	
Common Stock	08/31/2017		S		105,412	D	\$38.12	30,855	D	
Common Stock	09/01/2017		M		63,500	A	\$33.86	94,355	D	
Common Stock	09/01/2017		M		57,742	A	\$31.15	152,097	D	
Common Stock	09/01/2017		M		34,666	A	\$30.75	186,763	D	
Common Stock	09/01/2017		S		155,908	D	\$38.34	30,855	D	

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

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. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
					(A)	(D)	Date Exercisable	Expiration Date						Title
Non-Qualified Stock Options (right to buy)	\$30.27	08/31/2017		M		10,700	04/27/2011	04/27/2020	Common Stock	10,700	\$0	0	D	
Non-Qualified Stock Options (right to buy)	\$35.22	08/31/2017		M		5,124	05/03/2012	05/03/2021	Common Stock	5,124	\$0	0	D	

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)**

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. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Non-Qualified Stock Options (right to buy)	\$22.3	08/31/2017		M			8,772	05/01/2013	05/01/2022	Common Stock	8,772	\$0	0	D	
Non-Qualified Stock Options (right to buy)	\$24.31	08/31/2017		M			10,740	04/30/2014	04/30/2023	Common Stock	10,740	\$0	0	D	
Non-Qualified Stock Options (right to buy)	\$31.89	08/31/2017		M			32,200	07/29/2014	07/29/2023	Common Stock	32,200	\$0	0	D	
Non-Qualified Stock Options (right to buy)	\$33.86	09/01/2017		M			63,500	04/29/2015	04/29/2025	Common Stock	63,500	\$0	0	D	
Non-Qualified Stock Options (right to buy)	\$31.15	09/01/2017		M			57,742	04/29/2016	04/28/2025	Common Stock	57,742	\$0	28,872	D	
Non-Qualified Stock Options (right to buy)	\$30.75	09/01/2017		M			34,666	04/28/2017	04/28/2026	Common Stock	34,666	\$0	69,334	D	

Explanation of Responses:

1. Includes shares acquired through the Company's Employee Stock Purchase Plan

Remarks:

Brian E. Harding, Attorney-in- 09/05/2017
fact for Thomas A. Surran

** Signature of Reporting Person Date

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

* 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.

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 Number.