FLIR SYSTEMS INC Form SC 13G/A February 02, 2007

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934 (Amendment No._4_)

FLIR Systems, Inc.				
(Name of Issuer)				
Common Stock				
(Title of Class of Securities)				
302445101				
(CUSIP Number)				
12/31/06				
(Date of Event Which Requires Filing of this Statement)				
Check the appropriate box to designate the rule pursuant to which this Schedule is filed:				
[X] Rule 13d-1(b)				
[] Rule 13d-1(c)				
[] Rule 13d-1(d)				
CUSIP NO. 302445101				
1 NAMES OF REPORTING PERSONS. I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY).				
EARNEST Partners, LLC				
2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) (a) [] (b) []				
3 SEC USE ONLY				
4 CITIZENSHIP OR PLACE OF ORGANIZATION State of Georgia				
5 SOLE VOTING POWER 2,642,449 NUMBER OF				
SHARES BENEFICIALLY 6 SHARED VOTING POWER 2,940,313 OWNED BY				

REPORTING PERSON WITH			7 SOLE DISPOSITIVE POWER 8,588,499		
PERS	OIN W.		ISPOSITIVE POWER 0		
9	AGGRI	GATE AMOUNT BENEFI	CIALLY OWNED BY EACH REPORTING PERSON 8,588,499		
10		BOX IF THE AGGREG	ATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES		
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 13.1%				
12		DF REPORTING PERSO	N (SEE INSTRUCTIONS)		
	IA				
Item	n 1				
	(a)	Name of Issuer FL	IR Systems, Inc.		
	(b)		s Principal Executive Offices enue, Portland, Oregon 97224		
Item	n 2				
	(a)	Name of Person Fil	ing EARNEST Partners, LLC		
	(b)	-	al Business Office or, if none, Residence eet NE, Suite 2300, Atlanta, Georgia 30309		
	(c)	Citizenship State	of Georgia		
	(d)	Title of Class of	Securities Common Stock		
	(e)	CUSIP Number 3024	45101		
Item 3. If this statement is filed pursuant to $13d-1(b)$ or $13d-2(b)$ or (check whether the person filing is a:					
	(a)	[] Broker or de	aler registered under section 15 of the Act		
	(b)	[] Bank as defin	ed in section 3(a)(6) of the Act		
	(c)	[] Insurance com	pany as defined in section 3(a)(19) of the Act		
	(d)	[] Investment co Company Act o	mpany registered under section 8 of the Investment f 1940		
	(e)	[X] An investment	adviser in accordance with Rule 13d-1(b)(1)(ii)(E);		
	(f)	[] An employee b Rule 13d-1(b)	<pre>enefit plan or endowment fund in accordance with (1)(ii)(F);</pre>		

- (g) [] A parent holding company or control person in accordance with Rule 13d-1(b)(1)(ii)(G);
- (h) [] A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
- (i) [] A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940
- (j) [] Group, in accordance with Rule 13d-1(b)(1)(ii)(J).

Item 4. Ownership.

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

- (a) Amount beneficially owned: 8,588,499
- (b) Percent of class: 13.1%
- (c) Number of shares as to which the person has:
 - (i) Sole power to vote or to direct the vote 2,642,449
 - (ii) Shared power to vote or to direct the vote 2,940,313
 - (iii) Sole power to dispose or to direct the disposition of 8,588,499
 - (iv) Shared power to dispose or to direct the disposition of 0
- Item 5. Ownership of Five Percent or Less of a Class.

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following: []

Item 6. Ownership of More than Five Percent on Behalf of Another Person.

EARNEST Partners, LLC is filing as an investment adviser in accordance with 240.13d-1(b)(1)(ii)(E). No client interest relates to more than five percent of the class.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company.

Not Applicable

Item 8. Identification and Classification of Members of the Group.

Not Applicable

Item 9. Notice of Dissolution of a Group

Not Applicable

- Item 10. Certification
 - (a) The following certification shall be included if the statement is

filed pursuant to Rule 13d-1(b):

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

(b) The following certification shall be included if the statement is filed pursuant to Rule 13d-1(c):

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Pebruary 2, 2007

Date

/s/ James M. Wilson

Signature

James M. Wilson

Chief Compliance Officer

Name/Title

Attention: Intentional misstatements or omissions of fact constitute Federal criminal violations (See 18 U.S.C. 1001)

ACN/Form 13G (C) 2006: Advisor Consultant Network, Inc.