#### APPLIED INDUSTRIAL TECHNOLOGIES INC

Form 4

January 17, 2007

## FORM 4

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

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 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 \*

PURSER BILL L

(Last)

(Middle)

ONE APPLIED PLAZA

(Street)

(First)

2. Issuer Name and Ticker or Trading

Symbol

APPLIED INDUSTRIAL TECHNOLOGIES INC [AIT]

(Month/Day/Year) 01/16/2007

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

3. Date of Earliest Transaction

X\_ Officer (give title below) President & COO

Director

6. Individual or Joint/Group Filing(Check Applicable Line)

5. Relationship of Reporting Person(s) to

(Check all applicable)

10% Owner

Other (specify

**OMB APPROVAL** 

Estimated average

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3235-0287

January 31,

2005

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response...

\_X\_ Form filed by One Reporting Person Form filed by More than One Reporting

Person

Issuer

#### **CLEVELAND, OH 441155056**

(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. Transaction Code (Instr. 8)	4. Securities Acquired ion(A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)	(I) (Instr. 4)	
Common Stock	01/16/2007		M	10,000 (1)	A	\$ 7.922	87,531	D	
Common Stock	01/16/2007		S	800 (1)	D	\$ 26.36	86,731	D	
Common Stock	01/16/2007		S	100 (1)	D	\$ 26.37	86,631	D	
Common Stock	01/16/2007		S	100 (1)	D	\$ 26.38	86,531	D	
Common Stock	01/16/2007		S	100 (1)	D	\$ 26.4	86,431	D	

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Common Stock	01/16/2007	S	2,000 (1)	D	\$ 26.41	84,431	D	
Common Stock	01/16/2007	S	3,900 (1)	D	\$ 26.47	80,531	D	
Common Stock	01/16/2007	S	100 (1)	D	\$ 26.48	80,431	D	
Common Stock	01/16/2007	S	1,200 (1)	D	\$ 26.52	79,231	D	
Common Stock	01/16/2007	S	700 (1)	D	\$ 26.54	78,531	D	
Common Stock	01/16/2007	S	300 (1)	D	\$ 26.57	78,231	D	
Common Stock	01/16/2007	S	700 (1)	D	\$ 26.71	77,531	D	
Common Stock						43,635.21	I	Deferred Compensation Plan

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

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SEC 1474 (9-02)

# $\label{thm:convertible} \textbf{Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned} \\ \textit{(e.g., puts, calls, warrants, options, convertible securities)}$

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. Transactic Code (Instr. 8)	5. Number of orDerivative 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 Underlying Securitic (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amou or Numb of Sha
Employee Stock Option (Right to Buy)	\$ 7.922	01/16/2007		M		10,000 (1)	08/09/2002(2)	08/09/2011	Common Stock	10,0

## **Reporting Owners**

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

PURSER BILL L

ONE APPLIED PLAZA President & COO

**CLEVELAND, OH 441155056** 

## **Signatures**

By: Dianne Misenko/POA for Bill L.

Purser 01/17/2007

\*\*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).
- (1) Option exercise and sale of shares pursuant to a trading plan (pursuant to SEC Rule 10b5-1) entered into as of 11/10/06.
- (2) These options become exercisable in annual increments of 25% commencing one year after the date of grant.

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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