

APPLIED INDUSTRIAL TECHNOLOGIES INC

Form 4

September 20, 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

OMB APPROVAL

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(Print or Type Responses)

1. Name and Address of Reporting Person *
PURSER BILL L

2. Issuer Name **and** Ticker or Trading
Symbol
APPLIED INDUSTRIAL
TECHNOLOGIES INC [AIT]

5. Relationship of Reporting Person(s) to
Issuer

(Check all applicable)

(Last) (First) (Middle)
ONE APPLIED PLAZA
(Street)

3. Date of Earliest Transaction
(Month/Day/Year)
09/19/2007

____ Director ____ 10% Owner
____X____ Officer (give title below) ____ Other (specify below)
President

CLEVELAND, OH 441155056

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

6. Individual or Joint/Group Filing(Check
Applicable Line)
____X____ Form filed by One Reporting Person
____ Form filed by More than One Reporting
Person

(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 (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)
Common Stock	09/19/2007		M	Amount 20,712 (1)	A \$ 6.94 29,313	D	
Common Stock	09/19/2007		S	4,283 (1)	D \$ 33 25,030	D	
Common Stock	09/19/2007		S	700 (1)	D \$ 33.03 24,330	D	
Common Stock	09/19/2007		S	100 (1)	D \$ 33.04 24,230	D	
Common Stock	09/19/2007		S	300 (1)	D \$ 33.05 23,930	D	

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Common Stock	09/19/2007	S	200 <u>(1)</u>	D	\$ 33.07	23,730	D
Common Stock	09/19/2007	S	100 <u>(1)</u>	D	\$ 33.08	23,630	D
Common Stock	09/19/2007	S	500 <u>(1)</u>	D	\$ 33.1	23,130	D
Common Stock	09/19/2007	S	1,000 <u>(1)</u>	D	\$ 33.11	22,130	D
Common Stock	09/19/2007	S	100 <u>(1)</u>	D	\$ 33.12	22,030	D
Common Stock	09/19/2007	S	900 <u>(1)</u>	D	\$ 33.13	21,130	D
Common Stock	09/19/2007	S	1,200 <u>(1)</u>	D	\$ 33.14	19,930	D
Common Stock	09/19/2007	S	229 <u>(1)</u>	D	\$ 33.15	19,701	D
Common Stock	09/19/2007	S	6,000 <u>(1)</u>	D	\$ 33.16	13,701	D
Common Stock	09/19/2007	S	300 <u>(1)</u>	D	\$ 33.17	13,401	D
Common Stock	09/19/2007	S	1,200 <u>(1)</u>	D	\$ 33.18	12,201	D
Common Stock	09/19/2007	S	1,600 <u>(1)</u>	D	\$ 33.19	10,601	D
Common Stock	09/19/2007	S	2,000 <u>(1)</u>	D	\$ 33.2	8,601	D

Common Stock						44,048.69	I	Deferred Compensation Plan
Common Stock						259.54	I	Retirement Savings 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)

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

1. Title of Derivative Security	2. Conversion or Exercise	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any	4. Transaction Code	5. Number of Derivative Securities	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Security (Instr. 3 and 4)
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(Instr. 3)	Price of Derivative Security	(Month/Day/Year)	(Instr. 8)	Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Option (Right to Buy)	\$ 6.94	09/19/2007	M	20,712 (1)					08/06/2003(2)	08/06/2012	Common Stock	20,7

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
PURSER BILL L ONE APPLIED PLAZA CLEVELAND, OH 441155056			President	

Signatures

By: Dianne Misenko/POA for Bill L.
Purser
09/20/2007

__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) Exercise of options and sale of resulting shares pursuant to a trading plan (pursuant to SEC Rule 10b5-1) entered into as of 8/13/07.
- (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.
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