BARLETT TODD A

Form 4

August 11, 2005

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

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(b).

(Last)

1. Name and Address of Reporting Person * **BARLETT TODD A**

(First) (Middle)

ONE APPLIED PLAZA

(Street)

CLEVELAND, OH 441155056

2. Issuer Name and Ticker or Trading

Symbol

APPLIED INDUSTRIAL TECHNOLOGIES INC [AIT]

3. Date of Earliest Transaction

(Month/Day/Year) 08/09/2005

4. If Amendment, Date Original

Filed(Month/Day/Year)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

Issuer

below)

Person

5. Amount of

Securities

Director

Applicable Line)

X_ Officer (give title

1. Title of 2. Transaction Date 2A. Deemed Security (Instr. 3)

(City)

(Month/Day/Year)

(State)

(Zip)

Execution Date, if

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 8)

(Instr. 3, 4 and 5)

Code V Amount (D) Price

(A)

Beneficially Owned Following Reported

Transaction(s) (Instr. 3 and 4)

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

1. Title of Derivative

Security

Conversion or Exercise

3. Transaction Date 3A. Deemed (Month/Day/Year) Execution Date, if

any

4. 5. Number Transaction of Derivative Expiration Date Code Securities

6. Date Exercisable and (Month/Day/Year)

7. Title and Amou Underlying Secur (Instr. 3 and 4)

OMB APPROVAL

3235-0287

January 31,

2005

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Number:

Expires:

response...

5. Relationship of Reporting Person(s) to

(Check all applicable)

VP-Acq & Global Bus Dev

6. Ownership

Form: Direct

(D) or Indirect Beneficial

6. Individual or Joint/Group Filing(Check

X Form filed by One Reporting Person Form filed by More than One Reporting

(T)

(Instr. 4)

below)

10% Owner

Other (specify

7. Nature of

Ownership

(Instr. 4)

Indirect

Estimated average

burden hours per

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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

Stock

08/09/2005 Appreciation \$ 34.5

A 3,600 08/09/2006(1) 08/09/2015

Common Stock

Am

or Nur of Sha

Rights (1)

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

BARLETT TODD A ONE APPLIED PLAZA **CLEVELAND, OH 441155056**

VP-Acq & Global Bus Dev

Signatures

By: Dianne Misenko/POA for Todd A.

08/11/2005

Barlett

**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) Stock-only stock appreciation rights which 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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