

EISELE MARK O

Form 4/A

May 10, 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
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

OMB
Number: 3235-0287
Expires: January 31,
2005
Estimated average
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response... 0.5

(Print or Type Responses)

1. Name and Address of Reporting Person *
EISELE MARK O

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)
05/06/2005

____ Director ____ 10% Owner
____X____ Officer (give title below) ____ Other (specify below)
Vice President-CFO & Treasurer

CLEVELAND, OH 441155056

4. If Amendment, Date Original
Filed(Month/Day/Year)
05/09/2005

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	05/06/2005		M	12,000	A \$ 12.896	45,506	D
Common Stock	05/06/2005		F	8,620 (1)	D \$ 29.54	36,886	D
Common Stock						3,933.5	I Deferred Compensation Plan
Common Stock						6,426.59	I Retirement Savings Plan
Common Stock						183.73	I Supplemental Defined

Contribution
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 (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 Underlying Securities (Instr. 3 and 4)
Employee Stock Option (Right To Buy)	\$ 12.896	05/06/2005		M	12,000	01/18/2002 ⁽²⁾ 01/18/2011	Common Stock 12,0

Reporting Owners

Reporting Owner Name / Address	Relationships
EISELE MARK O ONE APPLIED PLAZA CLEVELAND, OH 441155056	Director 10% Owner Officer Other Vice President-CFO & Treasurer

Signatures

By: Dianne Misenko/POA for Mark O.
Eisele 05/10/2005

**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) Original filing reflected incorrect number of shares.

(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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