YATES STEPHEN E

Check this box

if no longer

subject to

Section 16.

Form 4 or

obligations

may continue.

Form 5

Form 4 April 01, 2005

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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 See Instruction 1(b).

(Print or Type Responses)

(Last)

(City)

1. Name and Address of Reporting Person * YATES STEPHEN E

(First)

(Street)

(State)

2. Issuer Name and Ticker or Trading

(Middle)

(Zip)

5. Relationship of Reporting Person(s) to Issuer

Symbol

APPLIED INDUSTRIAL TECHNOLOGIES INC [AIT]

(Check all applicable)

10% Owner

Plan

OMB

Number:

Expires:

response...

Estimated average

burden hours per

OMB APPROVAL

3235-0287

January 31,

2005

0.5

3. Date of Earliest Transaction

4. If Amendment, Date Original

(Month/Day/Year)

_X__ Director Officer (give title Other (specify below)

ONE APPLIED PLAZA

03/31/2005

6. Individual or Joint/Group Filing(Check

Filed(Month/Day/Year)

Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting

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

CLEVELAND, OH 441155056

				2011,441,			20quii 0u, 215pos	01, 01 2011	oriemity o writer
1.Title of	2. Transaction Date	2A. Deemed	3.	4. Securi	ties		5. Amount of	6.	7. Nature of
Security	(Month/Day/Year)	Execution Date, if	Transacti	onAcquired	d (A) c	or	Securities	Ownership	Indirect Beneficial
(Instr. 3)		any	Code	Disposed	of (D))	Beneficially	Form:	Ownership
		(Month/Day/Year)	(Instr. 8)	nstr. 8) (Instr. 3, 4 and 5)		Owned	Direct (D)	(Instr. 4)	
							Following	or Indirect	
					(4)		Reported	(I)	
					(A)		Transaction(s)	(Instr. 4)	
			G 1 17		or	ъ.	(Instr. 3 and 4)		
			Code V	Amount	(D)	Price			
Common									Deferred
	03/31/2005		A	498	A	<u>(1)</u>	12,235.5	I	Compensation
Stock							,		Dlon

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)

Edgar Filing: YATES STEPHEN E - Form 4

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. Transactio Code (Instr. 8)	5. onNumber of Derivative Securities Acquired (A) or Disposed of (D)		nte	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	of ng s	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Owne Follo Repo Trans (Instr
				Code V	(Instr. 3, 4, and 5) (A) (D)	Date Exercisable	Expiration Date	or Title Nu of	umber		

Reporting Owners

Reporting Owner Name / Address	Relationships						
200p32000g 0 ((1002 2 (0000) 1200 2 (0000)	Director 10% Owner Office		Officer	Other			
YATES STEPHEN E							
ONE APPLIED PLAZA	X						
CLEVELAND OH 441155056							

Signatures

By: Dianne Misenko/POA for Stephen E. Yates 04/01/2005

**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) Shares allocated to the account of the participant in the Deferred Compensation Plan for Non-Employee Directors, at prices ranging from \$26.45 to \$29.01.

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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