PUGH DAVID L Form 4 March 04, 2005

FORM 4

OMB APPROVAL

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

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16. Form 4 or

January 31, Expires: 2005

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Estimated average burden hours per response... 0.5

Form 5 obligations may continue. See Instruction

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

1(b).

(Print or Type Responses)

1. Name and Addr PUGH DAVID	•	ng Person *	2. Issuer Name and Ticker or Trading Symbol APPLIED INDUSTRIAL	5. Relationship of Reporting Person(s) to Issuer			
			TECHNOLOGIES INC [AIT]	(Check all applicable)			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year)	_X_ Director 10% Owner _X_ Officer (give title Other (specify			
ONE APPLIED PLAZA			03/03/2005	below) below) Chairman & CEO			
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person			
CLEVELAND	OH 44115	5056		Form filed by More than One Reporting Person			

(City)	(State)	(Zip) Tab	ole I - Non-	Derivativ	e Secı	ırities A	cquired, Dispos	ed of, or Bene	ficially Owned
1.Title of Security	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if		4. Securiton(A) or Di		•	5. Amount of Securities	6. Ownership	7. Nature of Indirect Beneficial
(Instr. 3)		any (Month/Day/Year)	Code (Instr. 8)	(D) (Instr. 3,	4 and (A) or	5)	Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	Form: Direct (D) or Indirect (I) (Instr. 4)	Ownership (Instr. 4)
Common Stock	03/03/2005		Code V	Amount 361	(D)	Price \$ 28.6	,	I	Deferred Compensation Plan
Common Stock							91,763	D	
Common Stock							1,517.52	I	Retirement Savings Plan

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

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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	2.	3. Transaction Date		4.	5.	6. Date Exerc		7. Title		8. Price of	9. Nu
Derivative Security (Instr. 3)	Conversion or Exercise Price of Derivative Security	(Month/Day/Year)	Execution Date, if any (Month/Day/Year)	Code (Instr. 8)	of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)			Amour Underl Securit (Instr.	lying	Derivative Security (Instr. 5)	Deriv Secur Bene Own Follo Repo Trans (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

Reporting Owners

CLEVELAND, OH 441155056

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
PUGH DAVID L							
ONE APPLIED PLAZA	X		Chairman & CEO				

Signatures

By: Dianne Misenko/POA for David L. Pugh 03/04/2005

**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).

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.

Reporting Owners 2