PUGH DAVID L Form 4 January 05, 2007

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL
OMB
Number 3235-0287

Number: January 31, 2005

Estimated average burden hours per response... 0.5

5. Relationship of Reporting Person(s) to

(Check all applicable)

Issuer

Check this box if no longer subject to Section 16. Form 4 or Form 5

obligations

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

2. Issuer Name and Ticker or Trading

APPLIED INDUSTRIAL

TECHNOLOGIES INC [AIT]

may continue.

See Instruction

30(h) of the Investment Company Act of 1940

Symbol

1(b).

(Print or Type Responses)

PUGH DAVID L

1. Name and Address of Reporting Person *

(Last) (First) (Middle) ONE APPLIED PLAZA			Date of Earliest Transaction Month/Day/Year) 1/03/2007	_X Director 10% Owner _X Officer (give title Other (specify below) Chairman & CEO							
(Street)			If Amendment, Date Original iled(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person							
CLEVELA	AND, OH 441155	056		Form filed by More than One Reporting Person							
(City)	(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 any (Month/Day/Yo	Code (Instr. 3, 4 and 5)	Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)					
Common Stock	01/03/2007		A 559.97 A \$ 28.46	,	I	Deferred Compensation Plan					
Stock				610,243	D						
Common Stock				787	I	By Wife as UTMA Custodian for Daughter					
Common Stock				3,440.54	I	Retirement Savings Plan					

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

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SEC 1474 (9-02)

9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr

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

	 Title of 	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Titl	e and	8. Price of	9
	Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	onNumber Expiration Date		Amou	nt of	Derivative	J	
	Security	or Exercise		any Code of (Month/Day/Year)		Year)	Under	lying	Security	,		
	(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	;		Securities (Instr. 3 and 4)		(Instr. 5)]
		Derivative				Securities						(
		Security	ty Acquired]	
						(A) or					J	
						Disposed						-
						of (D)						(
						(Instr. 3,						
						4, and 5)						
										Amount		
										or		
						Date	Expiration		Number			
							Exercisable Date	Date		of		
				Code V	(A) (D)				Shares			
					Code v	(A) (D)				Shares		

Reporting Owners

Director 10% Owner Officer Other

PUGH DAVID L

ONE APPLIED PLAZA X Chairman & CEO

CLEVELAND, OH 441155056

Signatures

By: Dianne Misenko/POA for David L.
Pugh
01/05/2007

**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).

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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