

**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

OMB Number: 3235-0287

Expires: January 31, 2005

Estimated average burden hours per response... 0.5

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

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)  
02/02/2018

\_\_\_\_ Director                  \_\_\_\_ 10% Owner  
X Officer (give title below)      \_\_\_\_ Other (specify below)  
 VP-Acq & Global Bus Dev

CLEVELAND, OH 44115

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

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)
			Code	V	Amount	(A) or (D) Price			
Common Stock	02/02/2018		S		3,800	D \$ 75	17,632	D	
Common Stock							7,724.83	I	Retirement Savings Plan
Common Stock							100	I	By Wife
Common Stock							8,891.82	I	Deferred Compensation Plan

1

**Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.**

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 of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Own Follo Repor Trans (Instr
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares

## Reporting Owners

Reporting Owner Name / Address	Relationships
	Director 10% Owner Officer Other
BARLETT TODD A ONE APPLIED PLAZA CLEVELAND, OH 44115	VP-Acq & Global Bus Dev

## Signatures

Dianne Misenko/POA for Todd A.  
Barlett

02/02/2018

\_\_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.